

Catalog Home

The University of North Texas at Dallas

2014-2015 Undergraduate and Graduate Catalog

Catalog Information

The provisions of this catalog are intended to provide general information and do not constitute a contract, express or implied, between UNT Dallas and a student, an applicant for admission, or other individual. Although the catalog contains policies, regulations, procedures and fees in effect at the time of publishing, information provided in this catalog is subject to change. UNT Dallas reserves the right to change any provision of this catalog at any time and without notice. Changes will become effective whenever determined by the appropriate University official and will apply to both prospective students and those currently enrolled.

Every effort will be made to keep students advised of any such changes. Information on such changes will be available in the Office of Admissions or the Office of the Registrar. It is the responsibility of each student to be aware of University rules, regulations, policies, and current graduation requirements for particular degree programs.

Policies appearing within the online UNT Dallas Policy Manual supersede any inconsistent information published in this catalog or any other University publication.

This catalog becomes effective on the first day of the fall semester, 2014.

Program requirements are subject to necessary corrections.

About UNT Dallas

Accreditation

The University of North Texas at Dallas is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate and master's degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of North Texas at Dallas.

Mission Statement

Transforming the lives of students, families and communities by providing high quality, student-focused education to enable personal and career well-being.

Vision

To create a valuable center of enrichment where students are inspired to learn, and faculty, students and the community develop their full potential.

Achieving the Vision

UNT Dallas' plan for growth as a learner-centered public university is shaped by its commitment to its educational themes. The curriculum at the university is structured around the themes of service leadership, interdisciplinary focus, partnerships and community outreach, global connectivity, information technology, and a bilingual focus.

Our educational themes speak to the underlying commitments that drive our work, emphasizing the importance of connection as a catalyst for change. They include a commitment to diversity, which draws a variety of voices into close conversation; to internationalization, which recognizes that global interchange is a vital part of education and research; and to collaboration, which includes partnerships within the university as well as alliances with external constituencies. These connections move the university forward, anchoring it within the context of a multicultural, interconnected, collaborative community and providing the synergy needed to accomplish its goals. The themes are woven throughout our goals in specific strategies and actions.

History of UNT Dallas

In the late 1990's, State Senator Royce West of Dallas and other city leaders cast a vision for a new, four-year public university in Dallas. After several university systems discussed their ideas for higher education in the city, the University of North Texas System Board of Regents came forward with a plan to establish an independent public university in the city-the first in the history of Dallas.

The Southern Dallas County Feasibility Study Community Task Force accepted the plan, and in January 1999 the Texas Higher Education Coordinating Board approved the proposal from the UNT System. The THECB subsequently granted the UNT System permission to use the moniker "UNT Dallas Campus" for this endeavor. The campus was established in a DeSoto business park in January 2000 as an upper division, off -campus location of the University of North Texas.

On May 8, 2001, Governor Rick Perry signed Senate Bill 576 creating the University of North Texas at Dallas. State Representative Helen Giddings and State Representative Jesse Jones sponsored the companion bill in the House, HB 1417. Under the terms of the legislation, the UNT Dallas Campus would be allowed to open as a new four-year university when enrollment reached 1,000 full-time equivalent students (FTEs).

The City of Dallas contributed \$3 million to purchase 202 acres of land in the southernmost portion of the city, and local developers, including Mike Boney and Vernon Jordan, donated additional acreage to bring the total size of the campus to 264 acres. In October 2003, the Communities Foundation of Texas awarded the UNT System a \$500,000 planning grant to fund a master plan for UNT Dallas. That same year the Texas legislature authorized \$25.4 million for the construction of the initial 75,000-square-foot academic building on the campus. In April 2009, the THECB officially certified enrollment at the University of North Texas Dallas Campus as greater than 1,000 full-time equivalent students. The certification enabled the legislation that created UNT Dallas, and the THECB declared UNT Dallas an independent, general academic institution.

With the enrollment threshold met, Gov. Perry signed Senate Bill 629 in May 2009. That bill allowed for the physical expansion of three university system centers in the state-Texas A&M Central Texas in Killeen, Texas A&M San Antonio, and UNT Dallas. With the release of \$25 million in previously authorized tuition revenue bonds, UNT Dallas began construction on its second building in August 2009. The building was completed in August 2010 as UNT Dallas accepted its first freshman class, the Class of 2014.

UNT Dallas offers ten undergraduate and four graduate programs in high-demand fields such as criminal justice, teacher education, business administration, and counseling. Operating under the regional accreditation of its parent institution, the University of North Texas, UNT Dallas made application for separate regional accreditation in 2011.

For more information about UNT Dallas, call 972-780-3600 or visit the UNT Dallas web site (www.untDallas.edu).

Institutional Effectiveness

UNT Dallas is committed to continuous improvement in all of its operations. At both the institutional and the organizational-unit level, the University establishes expected outcomes for performance, assesses the extent to which the outcomes are attained, and makes changes to effect performance improvements on the basis of a careful review of outcomes assessment data.

With regard to student academic achievement, UNT Dallas regularly and formally evaluates student success in acquiring the skills, knowledge bases, and behaviors that are identified by faculty as critically important in the degree programs offered by the institution. The University also evaluates the effectiveness of its many services that support student learning. UNT Dallas believes that ongoing assessment of student learning and prompt implementation of improvements in curricula, pedagogy, and related educational support programs and practices when indicated are central to the efficacy of its academic mission.

Students should anticipate participating in a wide array of evaluation and assessment procedures throughout their educational careers at UNT Dallas. Students are expected to enter into these procedures openly and honestly so that they and UNT Dallas together can ensure continuous improvement processes are effective in maximizing each student's educational experience.

Directory of Frequently Called Offices

When seeking information about the University, please visit, call, or write the office most closely associated with the subject of your concern or inquiry. Letters intended for offices other than those contacted will be forwarded. Directory assistance for all university offices is available through the main switchboard at 877-868-9857 or the main campus number: (972) 780-3600.

Admissions Offices

Office of Admissions (Undergraduate)

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3642
877-868-3257
Fax: 972-780-3694
Contact UNT Dallas (web site):
www.untDallas.edu/admissions

Admission information, applications and status reports for new undergraduate students (U.S. citizens and permanent resident aliens).

Academic Advising Center

Graduate Admissions

Mailing address:
UNT Dallas
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3642
877-UNT-DALS (868-3257)
Fax: 972-780-3694
E-mail: dallasgraduateservices@unt.edu
Web site: www.untDallas.edu/admissions

Admission information, application and status for **new** and **former** graduate students (U.S. citizens and permanent residents). Information regarding graduate admission, general policies, regulations and degree requirements; GRE score recording; final approval of graduate degree audits.

Student Financial Aid and Scholarships

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3645
Fax: 972-780-3680
Web site: www.untDallas.edu/aas

The Academic Advising Center handles academic counseling, degree audits, graduation evaluation, adds/drops, concurrent enrollment, incompletes and overloads.

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3662
Fax: 972-780-3636
Web site: www.untDallas.edu/finaid

General Offices

Academic Advising and Student Support

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3600
Fax: 970-780-3636
Email address: UNTDUniversityCollege@unt.edu

Advising, placement, support and assessment for students enrolled in developmental education to meet Texas Success Initiative requirements. Provides general support for campus undergraduate retention efforts.

Career Services

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-338-1775
Fax: 972-338-1789
Web site: www.untDallas.edu/careers

Services: Career and job search resources; job announcements; online job listings; transmission of online resumes to potential employers; career and job search advising; on-campus interviews with employer representatives and career fairs.

Counseling and Wellness Services

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-338-1775
Email address: StudentAffairs@unt.edu

Campus Tour Information

972-780-3642
Email address: visituntDallas@unt.edu
Web site: <http://www.untDallas.edu/visit>

Finance and Administration

Mailing Address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3611

Human Resources

Mailing Address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3600

Individual and group counseling for career, emotional and personal concerns; interest, aptitude and personality assessments.

Office of Disability Services

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3632
TTY access: 888-937-9291
Email address: UNTDDisability@untdallas.edu

Assistance with provision of auxiliary academic aids for students who request reasonable accommodations under the Americans with Disabilities Act (ADA) and Rehabilitation Act of 1973

Office of Institutional Research

Mailing Address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-338-1100

Email Address: unt.d.advancement@untdallas.edu

Office of the President

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3601
Email address: UNTDPresident@unt.edu

Office of the Registrar

Mailing address:

7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3664
Fax: 972-338-1939
Email address: registrar@untdallas.edu
Web site: www.untdallas.edu/registrar

Registration; transcripts; grade reports; academic status information; residency determination for continuing and former students; military waivers; enrollment verification/certification; services for veterans; notary service; and athletic eligibility and graduation.

Student Financial Aid and Scholarships

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605

Office of Institutional Effectiveness

Mailing Address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-780-3614

Email address: HDStearman@untdallas.edu

Office of Marketing & Communication

Mailing Address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-338-1097

Office of the Provost

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-338-1614
Fax: 972-780-3636
Email address: Provost@untdallas.edu

Student Affairs

Mailing address:
7400 University Hills Boulevard
Dallas, TX 75241-4605
972-338-1775
Email address: StudentAffairs@unt.edu

General information; non-academic and personal assistance; policy interpretation; social adjustment problems; student activities; and registered organizations information.

Student Financial Services

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605

972-780-3662
Fax: 972-780-3636
Web site: <http://www.untdallas.edu/finaid>

972-780-3658 or 972-780-3659
Fax: 972-780-3636
Email address: UNTD.StudFinSvcs@unt.edu
Online assistance: unt.custhelp.com
Web site: <http://www.untdallas.edu/sfs>
Payments: my.unt.edu

Provide information and assistance regarding tuition and fee charges, waivers, installment payment of tuition and special fees; refunds; returned checks; identification cards.

Student Government Association

Mailing address:
7400 University Hills Boulevard
Dallas, TX 75241-4605
972-338-1775
Email address: SGAJaguars@unt.edu

University Police and Parking

Mailing address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
Police Department: 972-780-3000
Fax: 972-780-3636
Parking Services: 972-780-3009
Visitor Information: 972-780-3600

University Police officers are licensed by the State of Texas and enforce state and local laws as well as university rules and regulations. University police provide protection on a routine and emergency basis, administer the crime prevention program; campus escort service and emergency phone system, and provide motorist assistance.

UNT Dallas Library

Mailing Address:
7300 University Hills Boulevard
Dallas, TX 75241-4605
972-338-1616
Email address: untlibrary@unt.edu

Academic Calendar

The Academic Calendar for UNT Dallas is subject to change.

Fall 2014

August 25, 2014	First Day of Term (Monday)
September 8, 2014	Labor Day (no classes; university closed)
November 27-30, 2014	Thanksgiving break (no classes; university closed)

November 29 - December 5, 2014	Pre-finals Week
December 4, 2014	Last Day of Term
December 5, 2014	Reading Day (no classes)
December 6-12, 2014	Finals
December 19, 2014	Master's and Undergraduate Commencement
December 24-31, 2014	Winter Break (no classes; university closed)

Spring 2015

January 1-2, 2015	Winter Break (no classes; university closed)
January 19, 2015	MLK Day (Classes do not meet; university closed)
January 20, 2015	First Day of Term
March 16-22, 2015	Spring Break (Classes do not meet)
March 16, 2015	Spring Break - University offices closed
May 2-8, 2015	Pre-finals Week
May 7, 2015	Last Day of Term
May 3, 2015	Reading Day (no Classes)
May 9-15, 2015	Finals
TBD	Master's and Undergraduate Commencement

Summer Term 2015

May 18, 2015	First Day of Term
May 25, 2015	Memorial Day (no classes; university closed)
July 4, 2015	Independence Day (no classes; university closed)
August 13, 2015	Last Day of Term
August 14, 2015	Finals

3W1 Session 2015

May 18, 2015	First Day of Term
May 25, 2015	Memorial Day (no classes; university closed)
June 3, 2015	Last Day of Term
June 4, 2015	Finals

8W1 Session 2015

May 18, 2015	First Day of Term
May 25, 2015	Memorial Day (no classes; university closed)
July 4, 2015	Independence Day (no classes; university closed)
July 9, 2015	Last Day of Term
July 10, 2015	Finals

5W1 Session 2015

June 8, 2015	First Day of Term
July 4, 2015	Independence Day
July 9, 2015	Last Day of Term
July 10, 2015	Finals

10W Session 2015

June 8, 2015	First Day of Term
July 4, 2015	Independence Day (no classes; university closed)
August 13, 2015	Last Day of Term
August 14, 2015	Finals

5W2 Session 2015

July 13, 2015	First Day of Term
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August 13, 2015	Last Day of Term
August 14, 2015	Finals

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Policies

Diversity and Equal Opportunity Statement

UNT Dallas seeks to create an atmosphere of openness and tolerance and to maintain work and education environments that offer equal opportunity. Individuals within the UNT Dallas community are unified by a primary purpose: higher learning. With that primary purpose in mind, UNT Dallas works to advance ideals of human worth and dignity by facilitating open discussion, supporting rational resolution of conflict and encouraging examination of values.

In that vein, discrimination and harassment based on individual differences such as race, color, religion, sex, age, national origin, disability, veteran status or sexual orientation in its educational programs, activities, admission and employment practices is inconsistent with UNT Dallas' mission and educational goals. Individuals who work, study, live and teach within this community are expected to refrain from behavior that threatens the freedom, safety and respect deserved by every community member and to comply with federal and state equal opportunity laws and regulations. Such compliance is not only a given standard, but is, in fact, a baseline from which our community works to assure fairness and equity to all who pursue their educational and professional goals here. For more information, see the University's policy prohibiting discrimination and harassment (5.001) at: <http://dallas.unt.edu/offices-and-people/university-administration/human-resources/university-policy-handbook>.

Students, faculty or staff with concerns or questions, and those seeking to file a complaint should contact the Equal Opportunity Coordinator, Jarred Davis, at 972-780-3037 or TTY 888-937-9291.

Harassment

UNT Dallas does not tolerate the harassment of students, employees, candidates for positions at the University, and visitors. Harassment is defined as an unwelcome action directed at a person or group of persons because of race, color, religion, sex, age, national origin, disability, veteran status, or sexual orientation that adversely affects a term, condition, or privilege of the work or educational environment. Such behavior is prohibited by University policy and may be considered a violation of the *Code of Conduct*. For more information, see the University's policy prohibiting harassment (5.001) at: <http://www.untDallas.edu/hr/upol>.

Disability Services

UNT Dallas provides reasonable accommodations to qualified students with disabilities in accordance with state and federal laws, including the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. The Disability Services Coordinator assists qualified students with disabilities in determining and coordinating appropriate reasonable accommodations and/or auxiliary aids and services, to the extent necessary, for qualified prospective, newly admitted or currently enrolled students. Students with disabilities can register for services with the Disability Services Coordinator after being accepted to UNT Dallas and registering for classes. In order to register for services, students must contact the Disability Services Coordinator to set up an intake appointment.

Students must provide documentation of their disability in accordance with University policy. Students requesting a reasonable accommodation under the Americans with Disabilities Act (ADA) must provide the supporting

documentation to the Disability Services Coordinator from their physician, educational diagnostician, licensed psychologist, psychiatrist, or other qualified professional. Documentation received will be considered in determining whether a student is disabled as defined by the ADA, and therefore entitled to reasonable accommodation. For more information, see the University's policy on disability accommodation for students (7.004) at: <http://www.untDallas.edu/hr/upol>.

Students with questions or concerns and those wishing to request an accommodation should call Rosemary Meredith, the Disability Services Coordinator, at 972-338-1777, TTY access: 888-937-9291.

The Family Educational Rights and Privacy Act (FERPA)

The Family Education Rights and Privacy Act (FERPA) (20 USC § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education, including UNT Dallas.

Directory Information

In accordance with FERPA and the policies of UNT Dallas, the following "directory information" may be made public without the consent of the student, unless the student submits a request to withhold any or all of this directory information:

- Name
- Address
- University assigned e-mail address
- University assigned EUID
- Date and place of birth
- Major field of study
- Participation in officially recognized activities and sports
- Weight and height of members of athletic teams
- Dates of attendance
- Enrollment status
- Degrees, awards and honors received
- Expected graduation date
- Most recent previous school attended
- Photograph

Currently enrolled students wishing to withhold any or all directory information may do so by submitting a written request in the Office of the Registrar prior to the 12th class day in the fall and spring terms or equivalent dates during the summer sessions. A request to withhold directory information may be submitted after the stated deadline for a term or session, but information may be released between the deadline and receipt of the request. Directory information of a student who has requested withholding of directory information will remain excluded until the student submits a subsequent written request to release directory information.

Student Right to Inspect and Review Records

With limited exception, a student has the right to inspect and review their own education records, to receive explanation and interpretation of the records, and to obtain copies of the records when needed to allow the student to effectively

exercise the right of inspection and review. Students seeking to inspect and/or review their education records should contact the appropriate custodian according to the categories of records described below:

Record	Office	Responsible Official
Permanent	Office of the Registrar	Registrar
Academic transcript	Office of the Registrar	Registrar
Disciplinary record	Student Affairs	Director of Student Affairs
Academic disciplinary record	Student Affairs	Director of Student Affairs
Financial Aid	Financial Aid	Director of Financial Aid
Financial Accounts	Student Accounting	Manager of Student Accounting
Placement	Student Affairs	Director of Student Affairs
Graduate	Office of the Registrar	Registrar
Police	University Police	Chief of Police

If the records are not maintained by the University official to whom the request was submitted, that official will advise the student of the correct official to whom the request should be addressed.

The University will comply with all student requests to review and inspect records within 45 days of the date that the request is submitted to the appropriate records custodian. Students requesting access to their education records may be asked to verify their identity prior to inspection with a government issued photo identification. Students seeking access either electronically or by telephone will be asked to verify their identity by providing information of specific individual relevance - not including a social security number.

Students enrolled at UNT Dallas are deemed to be the owners of their own education records. The University may, but is not required to, grant a parent/guardian access to a student's education record if the student is identified as a dependent on the parent/guardian's federal income tax return. Under no circumstances will a student's education record be released to a parent/guardian without verification of the student's dependent status on the appropriate federal tax forms.

Student Right to Request Amendment of Education Records

UNT Dallas students have the right to correct their own education records when the records are inaccurate, misleading or otherwise in violation of the student's privacy rights. Students may request amendment of their education record by submitting a request to the appropriate records custodian. The University will issue a decision within a reasonable period of time after receiving the student's request.

Students may challenge a University decision regarding the amendment of an education record by filing a request for a hearing with Student Affairs. The request must identify the contested record and specify the reason that the record is believed to be inaccurate, misleading or a violation of the privacy rights of the student. At the requested hearing the student will be given a full and fair opportunity to present evidence and may, at their own expense, be assisted or represented by one or more other individuals, including an attorney. If the University determines that the education record is not inaccurate, misleading or a violation of the student's privacy, the student may place a statement in his/her

education record commenting on the contested content and/or stating the basis for disagreement with the University's decision. The University will amend any education record that is determined to be inaccurate, misleading or a violation of the student's privacy rights.

The right to amend or correct an education record does not apply to routine grade appeals. Contact Student Affairs at (972) 338-1775 for additional details regarding the process for amendment of education records or review the UNT Dallas Student Records Policy (7.003) at <http://www.untDallas.edu/hr/upol>.

Student's Right to Consent to Disclosure of Education Records

Except in limited circumstances, UNT Dallas will not release personally identifiable information from a student's education record without signed, dated, written consent from the student. A student's consent to disclose an education record to a third party must specifically identify the education record for which consent is granted, the purpose for the disclosure, and the identity of the person or entity to which the education record is to be disclosed.

Disclosure of Education Records as Permitted without a Student's Consent

FERPA permits the disclosure of education records without a student's consent under very limited circumstances. For a full description of the circumstances under which education records may be released without student consent, please consult UNT Dallas Policy 7.003 at <http://www.untDallas.edu/hr/upol>. The primary circumstances under which disclosure without student consent may occur are as follows:

- Disclosure to school officials with legitimate education interests.
UNT Dallas may release a student's education record to school officials with a legitimate educational interest without a student's consent. A "school official" includes any administrator, faculty, staff (including law enforcement personnel), member of the Board of Regents, committee member (whether faculty, staff or student) or student employee who performs a function or task on behalf of or at the request of the University, its faculty, colleges, departments or divisions. A "school official" may also include contractors, consultants, volunteers or other individuals or entities to whom the University has outsourced a University function (such as an attorney, auditor or collection agent). A "legitimate educational interest" means the interest of UNT Dallas officials who have demonstrated a legitimate need to review the education record to fulfill their official professional responsibilities. Disclosure to a "school official" having a legitimate educational interest does not constitute University authorization to transmit, share, or disclose any or all information received to third parties unless such disclosure is permitted or required by law.
- Disclosure to parents.
UNT Dallas may release a student's education record to a student's parent/guardian when: (1) the student is a dependent for tax purposes as evidenced by appropriate documentation, including the parent's most recent federal income tax return of a student's application for student financial aid; (2) when a health or safety emergency necessitates disclosure to protect the health or safety of the student or another individual; (3) when the student is under the age of 21 and has violated a Federal, State or local law or UNT Dallas policy governing the use or possession of alcohol or a controlled substance which results in a violation of the Code of Conduct.
- Disclosure to appropriate parties in connection with a health or safety emergency.
- Disclosure to another school to which a student seeks or intends to enroll.
- Disclosure in connection with a student's request for or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms or conditions of the aid.
- Disclosure pursuant to compliance with a judicial order or lawfully issued subpoena.

- Certain officials of the U.S. Department of Education, the U.S. Attorney General, the Comptroller General, state and local education authorities, and certain state or federally supported education programs.
- Disclosure to organizations conducting certain studies for or on behalf of the University.
- Disclosure to accrediting organizations to carry out their functions.
- Disclosure to an alleged victim of a crime of violence or non-forcible sex offense. The disclosure may only include the final results of any University disciplinary proceeding with respect to the alleged crime or offense, regardless of whether the University concluded a violation occurred.
- Disclosure to the general public if the University determines as a results of a disciplinary hearing that the student committed a crime of violence or non-forcible sex offense in violation of University rules or policy or state or federal law.
- Disclosure if allowed to be reported or disclosed pursuant to state law adopted before November 19, 1974.
- Disclosure to the student

Student's Right to Report Violations of FERPA

A student who believes that UNT Dallas has failed to comply with its obligations under FERPA may file a complaint with:

The United States Department of Education
 Family Policy Compliance Office
 400 Maryland Avenue S.W.
 Washington, D.C. 20202-4605

Distribution of Copyrighted Material

Notice of UNT Dallas Policies to Comply with the Higher Education Opportunity Act of 2008

The unauthorized distribution of copyrighted material, including unauthorized peer-to-peer file sharing, may subject students and individuals to civil and criminal liabilities. Almost all of the music, movies, television shows, software, games and images found on the Internet are protected by federal copyright law. The owner of the copyright in these works has the right to control their distribution, modification, reproduction, public display and public performance. It is generally illegal therefore to use file sharing networks to download and share copyrighted works without the copyright owner's permission unless "fair use" or another exemption under copyright law applies.

Fair use under the federal Copyright Act allows the use without permission of copyrighted material for the purpose of criticism, comment, news reporting or teaching under certain limited circumstances. There is no blanket exception from liability for students or employees of educational institutions, however, and whether the use of copyrighted material without permission falls within "fair use" or one of the other exceptions in the Act depends on a very detailed, case-by-case analysis of various factors. Students should be aware that sharing music, videos, software and other copyrighted materials is very likely not to be considered a 'fair use" and therefore may be a violation of the law.

A violation of the institution's policy for use of its information technology system can result in termination of network access for the student and/or other disciplinary action including removal of the student from the institution. Moreover, there are severe civil and criminal penalties for copyright infringement under federal law. A copyright owner is entitled to recover actual damages and profits resulting from an infringement, but also may recover statutory damages ranging from \$750 to \$30,000 per work for a non-willful infringement and up to \$150,000 for a willful infringement, even if

there is no proof of actual damages, in addition to court costs and reasonable attorneys' fees. The government also can file criminal charges that can result in fines and imprisonment.

UNT Dallas policies in regard to copyright infringement via the Internet prohibit the illegal downloading or unauthorized distribution of copyrighted materials using the institution's information technology system. UNT Dallas policies prohibit use of the UNT Dallas computer network to engage in illegal copying or distribution of copyrighted works such as by unauthorized peer-to-peer file sharing (i.e., the sharing of copyrighted works, typically in digital or electronic files), without permission.

Solicitation

Engaging in unauthorized canvassing or solicitation is not allowed.

Commercial Solicitation and Advertising

Individuals and organizations may engage in commercial solicitation and advertising only as allowed under UNT Dallas policy.

Free Speech and Public Assembly

The University of North Texas at Dallas recognizes that the freedom to exchange ideas and to publicly assemble is an essential component of the educational process. Such activities promote debate and the sharing of ideas that substantially contribute to the marketplace of ideas and are a foundation of educational institutions.

The responsibility of UNT Dallas to operate and maintain an effective and efficient institution of higher education requires regulation of the time, place and manner of assembly, speech and other expressive activity on UNT Dallas grounds. In keeping with this responsibility, students, faculty and staff are free to exercise their rights to assemble and to engage in expressive activity at UNT Dallas in a constitutionally protected manner subject only to the content-neutral regulations necessary to fulfill the mission and obligations of UNT Dallas, preserve the rights of others, coordinate multiple uses of limited space and assure preservation of the campus facilities and grounds.

This policy applies to all UNT Dallas students, student organizations, employees and sponsored guests. This policy does not apply to official UNT Dallas academic and administrative activities and functions.

Definitions

The following definitions apply for the purposes of this policy only:

1. Amplified sound. "Amplified sound" means sound that is increased or enhanced by any electric, electronic or mechanical means, including hand-held devices such as megaphones and sound trucks. Other sound, specifically individual shouting or group chanting/singing is subject to general regulations concerning disruption of official University functions.
2. Campus grounds. "Campus grounds" mean all outdoor areas owner, leased or controlled by UNT Dallas that are common and accessible to all students and employees such as sidewalks and courtyards and grassy areas.
3. Designated areas. "Designated areas" mean outdoor areas of property owned, leased or controlled by UNT Dallas that may be reserved by students and employees for expressive activity and used by sponsored guests for this purpose.
4. Employee. "Employee" means a person currently employed by UNT Dallas on a full-time, part-time or hourly basis.

5. Expressive activity. "Expressive activity" means the verbal or symbolic expression of an idea, thought or opinion that may include speeches, assembly, marches, parades, rallies, picketing, distribution of literature, graphic or pictorial displays and other similar activities intended to communicate an idea or an opinion. Expressive activity does not include speech that is likely to incite or produce imminent lawless action, expression that consists of fighting words or threats of physical harm or expression that is defamatory, obscene or commercial in nature.
6. Literature. "Literature" means any printed material that is produced in multiple copies for distribution or publication to an audience, including but not limited to flyers, handbills, leaflets, placards, bulletins, newspapers, and magazines, but does not include any UNT Dallas sanctioned student newspaper or official UNT Dallas materials.
7. Official University function. "Official University function" means all activities, events and programs sponsored by an academic or administrative unit of UNT Dallas and all activities and on-campus programs sponsored by student or employee organizations.
8. Sponsored activity. "Sponsored activity" means any expressive activity that is presented by a sponsored guest under this policy.
9. Sponsored guest. "Sponsored guest" means any person or organization invited to engage in expressive activity on campus grounds by a sponsoring organization in accordance with this policy.
10. Student. "Student" means any person who is currently enrolled and attending UNT Dallas.
11. Sponsoring organization. "Sponsoring organization" means a registered student organization or a group comprised of UNT Dallas students or employees who officially represent UNT Dallas at activities sanctioned by UNT Dallas.
12. University. "University" means the University of North Texas at Dallas.

Use of Campus Grounds

The facilities and campus grounds at UNT Dallas are intended to be used first for UNT Dallas instructional and research programs and administrative activities and secondarily for programs sponsored and conducted by UNT Dallas academic and administrative departments or organizations affiliated with those departments, including student organizations.

Students and employees may engage in expressive activity on campus grounds without the need for prior reservation except as set out in this and other applicable UNT Dallas policies. Expressive activity may not create a vehicular or other safety hazard or constitute disruptive activity, defamation, riotous conduct or obscenity as those terms are defined by federal or state law and may not impede access to other expressive activity, such as blocking the audience's view or preventing the audience from hearing a speaker. Displaying a sign, gesturing, wearing symbolic clothing or otherwise protesting silently is permissible anywhere on University grounds unless such activity is disruptive as defined by federal or state law.

Students, employees and sponsoring organizations that wish to organize parades, marches or rallies in areas that cross streets or would stop or slow traffic must register with Student Affairs at least eight (8) business days in advance of the activity in order to ensure that the proposed route does not substantially interrupt the safe and orderly movement of traffic or create a safety hazard.

University facilities and campus grounds may not be used by individuals or organizations not directly connected with UNT Dallas except as permitted by UNT Dallas policy. Campus grounds generally are open to students, employees and sponsoring organizations for expressive activity.

Areas Designated for Expressive Activity Anticipated to Draw a Crowd

Individuals and organizations are encouraged to reserve areas on campus that are designated for expressive activity when the activity may reasonably be anticipated to draw a crowd of twenty-five (25) or more people. Designated areas may be reserved on a first-come, first-serve basis and are subject to the reservation procedures published by Student Affairs and set out in this policy. Only the individuals or sponsoring organizations that reserve a designated space may use the area for expressive activity during the reserved period.

Appeal of Decisions Related to Expressive Activity

Students, employees and organizations whose requests for use of campus grounds for expressive activity are denied may appeal the decision to the Vice Provost no later than two (2) business days after the challenged decision was issued.

The appeal must be in writing and state the specific reason(s) the individual or organization disagrees with the decision. The appeal should include all information the individual or organization believes will assist the Vice Provost in deciding the matter.

The Vice Provost will issue a decision on the appeal within three business days of receipt. The decision is final.

Relocation of Expressive Activity

Individuals and organizations engaged in expressive activity on campus may be required to relocate to other areas by the Associate Provost for Student Success, the Office of Student Affairs, or when immediate action is necessary, the University Police, under the following circumstances:

- i. the noise generated by the activity disrupts an official UNT Dallas function or substantially interferes with official UNT Dallas activities (e.g., the activity is too close to an academic building);
- ii. the location does not safely accommodate the number or participants;
- iii. the number of individuals participating in or attending the activity creates unsafe conditions for vehicular or pedestrian traffic, parking or blocks the ingress or egress to buildings or official UNT Dallas activities;
- iv. the space has been reserved for an official UNT Dallas function, has been reserved in accordance with this policy, or a reserved location is needed for an official UNT Dallas function; or,
- v. the activity creates a health or welfare hazard, such as interfering with fire, police or emergency services.

Use of Amplified Sound

Advance registration is required before amplified sound may be used on campus grounds. Students, employees, organizations and sponsored guests may use amplified sound on campus grounds only at the locations and times published by Student Affairs. Amplified sound areas may be reserved on a first-come, first-serve basis and are subject to the reservation procedures published by Student Affairs. Amplification in the designated areas cannot exceed 92 decibels on the "A" scale at fifty feet from the source of amplification.

Sponsored Guests

Sponsoring organizations are required to reserve a designated area for expressive activity by a sponsored guest. Only sponsoring organizations may invite sponsored guests to use campus grounds for expressive activity. A request to reserve space for use by a sponsored guest must be made no fewer than eight (8) business days in advance of a sponsored activity.

In order to allow reasonable access to designated areas, students, employees and sponsoring organizations may reserve these locations a total of fifteen days and no more than five (5) consecutive days in a semester.

Student Affairs is responsible for administration of this policy, including:

- identifying locations and establishing times for use as designated areas and identifying locations and establishing times for use of amplified sound.
- managing requests for reservation of campus grounds under this policy.
- relocating expressive activity as permitted under this policy.
- developing procedures for reserving areas for expressive activity and use of amplified sound and for registering parades, rallies and marches.
- creating forms for use in reserving designated areas for expressive activity, using amplified sound and registering parades, rallies and marches; and,
- publishing the locations, times, procedures and forms required under this policy at the beginning of each academic year.

Actions on Reservation Requests

Student Affairs will act on a request to reserve designated areas and to register a parade, rally or march no later than two (2) business days after a properly submitted request is received. If a request is denied, the Director of the Student Affairs will, where feasible, propose measures to address any defects in the request. When the basis for denial is receipt of an earlier request for the same location and time, Student Affairs will inform the individual or organization whose request is denied of other dates, times and locations that are available for reservation.

Actions Regarding a Request for a Reservation or Permit

Requests to reserve a designated area, to use amplified sound, or to register a route for a parade, march or rally may not be denied based on the content of the proposed expressive activity.

Requests may only be denied for the following reasons:

- i. an earlier request to reserve the same location has been made;
- ii. the designated area or an adjacent area has been reserved for an official UNT Dallas function or the designated area is no longer suitable for use due to a conflict with a nearby official UNT Dallas function;
- iii. the reservation or registration form is incomplete;
- iv. the request exceeds more than fifteen days in a semester or is for more than five consecutive days;
- v. the proposed route of a parade, march or rally will cross space that has been reserved for an official UNT Dallas function or space that otherwise has been reserved in accordance with this policy or the proposed route will substantially interrupt the safe and orderly movement of traffic or create a safety hazard; or
- vi. the request was submitted by an individual or an organization that is not permitted to reserve space on campus under this policy.

Distribution of Literature

Students, employees and sponsoring organizations may distribute literature on campus grounds.

Sponsored guests may distribute literature only in the designated area reserved for their use.

Individuals and groups should be considerate about collecting any litter that may be generated as a consequence of their activities and are expected to collect all extra literature and any literature that has been discarded on the ground.

Literature distributed by a sponsoring organization that includes the name UNT Dallas or University of North Texas at Dallas in its name, or that contains any reference to an affiliation with UNT Dallas, must include a statement that the literature is not official UNT Dallas literature and does not represent the views or official position of UNT Dallas.

Signs and Banners

Students and employees and members of student and employee organizations may display signs by holding them or otherwise attaching them to their persons. Otherwise, all displays of signs and banners, including displays on outdoor bulletin boards and displays by sponsored guests, must comply with UNT Dallas Policy.

Outdoor Exhibits

Stationary exhibits. Stationary exhibits and structures may be placed only on designated areas, except that individuals may place displays on easel-type supports on campus grounds that are open and accessible for expressive activity. Stationary exhibits and structures may not exceed twenty-five (25) feet in length or width of fifteen (15) feet in height and may not extend into or onto any sidewalks or walkways in such a way as to interfere with pedestrian or vehicular traffic or otherwise present an unreasonable threat to public safety. Student Affairs may grant exceptions to the dimension requirements upon a showing that an exhibit will not present a safety hazard and will not interfere with pedestrian or vehicular traffic. Proof that a requesting individual or organization has insurance to cover injury or damage to persons or property is not grounds for exception to the dimensions regulation. Requests for exceptions must be made at least seven (7) business days in advance of the desired display date.

Sponsored guests. Sponsored guests may set up exhibits only in accordance with this policy and UNT Dallas Policy.

Responsibilities of Individuals, Sponsoring Organizations and Sponsored Guests

Sponsoring organizations are responsible for ensuring that sponsored guests read and understand all obligations set out in this and all other applicable UNT Dallas policies. Members of the University community may be held individually responsible and sponsoring organizations may be held collectively accountable for any violations of UNT Dallas policies, including the Code of Student Conduct and personnel policies as applicable.

Sponsored guests who do not comply with this or other applicable UNT Dallas policies will automatically forfeit their reservations and must immediately vacate UNT Dallas property.

Student Travel

The University of North Texas at Dallas encourages students to travel safely to and from UNT Dallas sponsored activities or events.

This policy applies to the travel of enrolled students to attend UNT Dallas organized or sponsored events that occur more than 25 miles from the UNT Dallas campus and the travel is either required by a registered student organization or requires the use of a vehicle that is owned or leased by UNT Dallas.

Sponsored activities or events may include but are not limited to course-related field trips, recreational sports club trips, the activities of registered student organizations and meetings of academic organizations where a student is officially representing UNT Dallas.

This policy does not apply to individual student travel to engage in student teaching, internships, practicum, observations or research, unless the research is organized by a member of the UNT Dallas faculty.

Definitions

Appropriate administrator. "Appropriate administrator" means a dean, department chair or their designee in regard to travel for academic programs or the designated official within Student Affairs for travel related to registered student organizations.

Enrolled student. "Enrolled student" means a student who has been admitted to and is attending classes at UNT Dallas.

Organized event. "Organized event" means an event that is initiated, planned and arranged by a member of the UNT Dallas faculty or staff, or by the members of a registered student organization, and is approved by an appropriate administrator.

Sponsored event. "Sponsored event" means an activity or event that UNT Dallas endorses by supporting it financially or by sending students to participate as official representatives of UNT Dallas.

Procedures and Responsibilities

1. **Travel Authorization.** Travel undertaken in accordance with this policy must be authorized in advance by the appropriate administrator and is subject to additional requirements as established in guidelines developed by the Student Affairs. A request for authorization to travel must be accompanied by:
 - a. A list of all student travelers including their names, local addresses, phone numbers and phone number of persons to contact in the case of an emergency.
 - b. The name and phone number of the responsible UNT Dallas employee(s) who will be available to assist the student travelers at all times during travel.
 - c. Copies of valid driver's licenses for any student who will operate the vehicle.
2. **Guidelines for Safe Travel.** Student Affairs will work with appropriate risk management professionals to develop guidelines to protect the safety of enrolled students when traveling to and from University sponsored and/or organized events. At a minimum the guidelines must include provisions addressing:
Use of Seat Belts and Other Safety Devices. Students must use seat belts and all other vehicle safety devices at all times when traveling in a vehicle that is owned or leased by UNT Dallas.

Passenger Capacity. Travel in vans with a capacity to hold 15 or more passengers must be approved in advance by Student Affairs. Actual passenger capacity in a 15 passenger van is restricted to 10 or fewer passengers, including the driver.

Driver Training and Qualification. All students who operate vehicles that are owned or leased by UNT Dallas must be at least 18 years of age, possess a valid driver's license, have current automobile liability insurance, and have a good motor vehicle driver history. Additionally, student drivers must satisfy all other qualifications and training requirements established by Student Affairs.

Fatigue and Time of Travel. Students traveling to and from University sponsored events and/or activities should have a minimum of six (6) hours of sleep before traveling and drive no more than 500 miles in a 24-hour period. Students may not drive between the hours of 10:00 p.m. and 6:00 a.m. unless authorized by the organization advisor or Student Affairs.

Privately Owned Vehicles. Students who travel in a privately owned vehicle or any vehicle other than those owned or leased by UNT Dallas when traveling to and/or from a sponsored event or activity must follow the guidelines established by Student Affairs and all applicable state law.

Travel by Air and Other Modes of Commercial Transportation. Students traveling by air or other modes of commercial transportation must comply with all federal laws regulating the specific mode of travel and rules of the specific common carrier, including laws and rules regarding carry-on baggage and baggage weight restrictions.

International Travel. Students must comply with UNT Dallas policies and procedures related to international travel. Students engaged in international travel are responsible for satisfying all international travel requirements, including obtaining a valid passport, obtaining appropriate health and other insurance, establishing safe points of contact in the host country, and following travel advisories issued by the United States Department of State, the host country or other recognized international organization.

Alcohol, Illegal Drugs and Weapons Prohibited. All students traveling to and from sponsored activities and/or events are prohibited from consuming or possessing alcohol or illegal drugs and transporting weapons in vehicles owned or leased by UNT Dallas.

Travel Authorization. Registered student organizations that require students to travel to sponsored events or activities must obtain advance written approval for such travel from Student Affairs. When transportation is provided by UNT Dallas, students traveling to events on the UNT Dallas provided transportation must return in the UNT Dallas provided transportation unless authorized in advance by the Office of Student Life to do otherwise. Students under the age of eighteen (18) will not be authorized to return in a vehicle other than the vehicle provided by UNT Dallas.

Travel to Areas Declared a Natural Disaster. All registered student organizations wishing to travel to areas that have been declared a natural disaster or have been placed under a travel warning must seek advance written approval from Student Affairs. If travel is approved, students must assure that all emergency contact information is updated in the Office of the Registrar and must confirm approval of the absence in accordance with UNT Dallas attendance policies.

Compliance and Enforcement. UNT Dallas departments that encourage or require travel to sponsored events or activities must verify that students are familiar with the requirements of this policy and the guidelines issued by Student Affairs. Any violation of this policy must be reported to Student Affairs.

University employees who authorize students to drive leased vehicles to any sponsored event or activity must verify that the student meets the requirements of state law and Student Affairs for the operation of a leased vehicle.

Students and student organizations that violate this policy or the guidelines established by Student Affairs may be subject to disciplinary action in accordance with the Code of Student Conduct.

Student E-Mail Account

UNT Dallas e-mail serves as the official UNT Dallas method for communicating with students. The UNT Dallas e-mail account will be used as a method for notifying students of dangerous or emergency situations occurring on campus, academic or financial responsibilities, or any other University matter.

It is the responsibility of the student to regularly check his/her UNT Dallas e-mail.

Misuse of Computers

Students are subject to all policies regarding the use of University information resources. Violations of these ethical standards and unauthorized or inappropriate use of computers is prohibited. Such use includes but is not limited to:

- Unauthorized entry into a file, to use, read, or change the contents or for any other purpose.
- Unauthorized transfer of a file.
- Unauthorized use of another's identification and password.
- Use of computing facilities to interfere with the work of another student, faculty member or University official.
- Use of computing facilities to send obscene, abusive, or threatening messages.

- Use of computing facilities to interfere with normal operations of the University computing system.
- Unauthorized entry into or use of University facilities or property, entry or occupation at any unauthorized time, or any unauthorized or improper use of any University property, equipment or facilities.
- Damaging or altering records or programs.
- Furnishing false information.

For more information, see the University's policies on information technology (chapter 14) at: <http://www.untdallas.edu/hr/upol>.

Annual Campus Security Report

The University publishes an annual report concerning campus security and crime statistics. The report includes information on reporting of crimes and other emergencies, safety and security programs, crime reporting procedures, campus law enforcement, and alcohol and drug policies.

Copies of the report are distributed annually to UNT Dallas students and employees and may be obtained from the Office of the Vice Provost. The report is also available on the Student Affairs website at:

<http://www.untdallas.edu/student-affairs>. For additional information about the preparation of the Annual Campus Security Report, see the UNTD Policy 7.010 at: <http://www.untdallas.edu/hr/upol>.

Drug-Free Schools and Communities Act

As required by the Drug Free Schools and Communities Act of 1989, annually the University will provide a written statement to students covering: a) standards of conduct concerning drugs and alcohol; b) federal, state and local legal sanctions governing the unlawful possession or distribution of illicit drugs or alcohol; c) health risks associated with the use of illicit drugs and the abuse of alcohol; d) a description of counseling and treatment programs available for alcohol and drug abuse; e) University disciplinary sanctions imposed for unlawful possession, use or distribution of illicit drugs and alcohol.

Standards of Conduct

UNT Dallas students are expected to comply with laws and University policies relating to the use of drugs and alcohol. Through its *Code of Conduct*, the University prohibits the illicit use, sale, attempted sale, conveyance, distribution, manufacture, cultivation, dispensation, purchase, attempted purchase and possession of illegal drugs, intoxicants or controlled substances on University property at any time and in any amount or in any manner. Substances prohibited under this policy shall include, but are not limited to: marijuana, hashish, amphetamines, barbiturates, cocaine, heroin, lysergic acid (LSD), methaqualone, morphine, pentazocine, peyote, phencyclidine, and anabolic steroids.

Using, possessing, or distributing alcoholic beverages is not allowed except as expressly permitted by law and University policy. For more information, see the University's policy on drugs and alcohol use (7.011) at: <http://www.untdallas.edu/hr/upol>.

Description of Drug and Alcohol Prevention Program

The following includes a description of drug and alcohol programs available to students and employees:

Student Affairs provides support, distributes literature, and makes appropriate referrals for on and off-campus resources. Information on the health effects associated with drugs and alcohol is included in the section below.

A biennial review of this program is done to determine its effectiveness, to implement changes to the program if they are needed and to ensure that the University's disciplinary sanctions described are consistently enforced.

For more information, contact Student Affairs at (972) 338-1775 or StudentAffairs@unt.edu. You may also refer to the University's policy on the alcohol and substance abuse program (7.011) at: <http://www.untDallas.edu/hr/upol>.

University Discipline

UNT Dallas may impose disciplinary sanctions for violation of the standards of conduct relating to the unlawful possession, use or distribution of illicit drugs and alcohol on UNT Dallas property or during UNT Dallas activities up to and including expulsion for students and termination of employment for employees and referral for prosecution.

Legal Sanctions

Local, state and federal laws also prohibit the unlawful possession, use, distribution and sale of alcohol and illicit drugs. Criminal penalties for violation of such laws range from fines up to \$20,000 to imprisonment for terms up to and including life.

Health Risks Associated with the Use of Drugs and Alcohol

Specific serious health risks are associated with the use of alcohol and illicit drugs. Some of the major risks are listed below. For more information contact Student Affairs at (972) 338-1775 or StudentAffairs@unt.edu.

- **Alcohol and other depressants (barbiturates, sedatives, and tranquilizers)** - addiction, accidents as a result of impaired ability and judgment, alcohol poisoning, overdose when used with other depressants, damage to a developing fetus, heart and liver damage.
- **Marijuana** - impairs short-term memory, thinking, and physical coordination. Can cause panic reaction and increase the risk of lung cancer and emphysema. Can interfere with judgment, attention span, concentration, and overall intellectual performance. Impairs driving ability. May cause psychological dependence and compromise the immune system.
- **Cocaine** - addiction, cardiovascular system damage including heart attack, brain damage, seizures, lung damage, severe depression, paranoia, psychosis. Similar risks are associated with other stimulants, such as speed and uppers.
- **Nicotine** - tobacco smoke contains thousands of chemical compounds, many of which are known to cause cancer. Nicotine, which is a central nervous system stimulant, produces an increase in heart and respiration rates, blood pressure, adrenaline production and metabolism. People can rapidly become physically and psychologically dependent on tobacco. Nicotine compromises the immune system.
- **Inhalants** - inhalants are a diverse group of chemicals that easily evaporate and can cause intoxication when their vapors are inhaled. Most inhalants are central nervous system depressants. Use of these drugs slows down many body functions. High doses can cause severe breathing failure and sudden death. Chronic abuse of some of these chemicals can lead to irreversible liver damage and other health problems.
- **Prescription drug abuse** - adverse reactions, dependency, withdrawal, and overdose.
- **Resources** - A variety of resources exist for alcohol and other drug prevention education, counseling and referral. For detailed information concerning these resources available from the University, students may contact Student Affairs at (972) 338-1775, Faculty and staff members may contact the Employee Assistance Program at 800-343-3822 or Human Resources at 972-780-3037.

Hazing Education

Below is an abbreviated summary, in question and answer form, of the contents of the Texas Education Code, section 51.936 & 37.151-157 regarding hazing, and the applicability and implications for students, faculty and staff at UNT Dallas. **This is only a summary.**

The definitions of hazing:

"Hazing means any intentional, knowing, or reckless act, occurring on or off the campus of UNT Dallas, by one person alone or acting with others, directed against a student that endangers the mental or physical health or safety of a student for the purpose of pledging, being initiated into, affiliating with, holding office in, or maintaining membership in any organization whose members are students at UNT Dallas.

The term includes but is not limited to:

1. Any type of physical brutality, such as whipping, beating, striking, branding, electronic shocking, placing of harmful substances on the body, or similar activity;
2. Any type of physical activity, such as sleep deprivation, exposure to the elements, confinement in a small space, calisthenics, or other activity that subjects the student to an unreasonable risk or harm or that adversely affects the mental or physical health or safety of the student;
3. Any activity involving consumption of a food, liquor, alcoholic beverage, liquor, drug, or other substance which subjects the student to an unreasonable risk of harm or which adversely effects the mental or physical health or safety of the student;
4. Any activity that intimidates or threatens the student with ostracism, that subjects the student to extreme mental stress, shame, or humiliation, or that adversely effects the student from entering or remaining registered in an educational institution, or that may reasonably be expected to cause a student to leave the organization or the institution rather than submit to acts described in this subsection;
5. Any activity that induces, causes, or requires the student to perform a duty or task which involves violation of the Penal Code. Sec. 4.52.

A person commits an offense if the person:

1. Engages in hazing;
2. Solicits, encourages, directs, aids, or attempts to aid another in engaging in hazing;
3. Intentionally, knowingly, or recklessly permits hazing to occur; or,
4. Has firsthand knowledge of the planning of a specific hazing incident involving a student of UNT Dallas, or firsthand knowledge that a specific hazing incident has occurred, and knowingly fails to report said knowledge in writing to the appropriate University official.

Does it matter if I did not intend to hurt anyone?

Regardless of the intent, the University policies state that if one of the above occurs, it is hazing.

Does it matter if the person being hazed agrees to the activity?

Consent is not a defense. The law and University policy states that if one of the above occurs, it is hazing, regardless of the consent or cooperation of the recipient.

What is the penalty if I'm found guilty of hazing?

1. Failing to report hazing: fine up to \$1,000 and/or up to 180 days in jail.
2. Hazing not resulting in serious bodily injury: fine of \$500-\$1,000 and/or 90-180 days in jail.
3. Hazing resulting in serious bodily injury: fine \$1,000-\$5,000 and/or 180 days-one year in jail.
4. Hazing resulting in death: fine of \$5,000-\$10,000 and/or 1-2 years in jail.
5. Except where the hazing results in death, the student may be required to perform community service in lieu of confinement to jail.
6. The student may also be subject to University disciplinary action, up to and including removal from the University, in addition or regardless of any penalty imposed by the state.

Can an organization be found guilty of hazing?

Yes. An organization commits an offense if the organization condones or encourages hazing or if an officer or any combination of members, pledges, or alumni of the organization commits or assists in the commission of hazing. Organizations which are covered under this law include a fraternity, sorority, association, corporation, order, society,

chorus, cooperative, club, or service, social, or similar group whose members are primarily students at an educational institution.

Can I get into trouble for reporting hazing?

No. Any person who reports a specific hazing incident involving a student to an appropriate University official is protected from civil or criminal liability. However, a person who reports in bad faith or with malice is not protected by this section. The University hazing policy can be found in the UNT Dallas Policy Manual (7.013) at <http://www.untDallas.edu/hr/upol>.

Please report all potential hazing incidents to Student Affairs at (972) 338-1775 or StudentAffairs@unt.edu.

HIV Infection/AIDS Education

HIV Infection and AIDS education is coordinated through programming offered by Student Affairs. For more information, contact Student Affairs at (972) 338-1775.

Failure To Respond To A Reasonable Directive Of University Official

All students are expected to comply with a reasonable directive of a UNTD official, including campus police, the Director of Student Affairs, and any UNTD instructor, administrator or employee acting in the performance of their official duties. Refusal of any person while on institutional property to comply with an order from authorized officials to leave such premises or cease behavior that violates the Code is prohibited.

It is the responsibility of each student to answer promptly all written notices from UNTD faculty and staff. Failure to respond in a timely manner will be construed as a waiver of the student's right to respond and, in appropriate circumstances, may result in disciplinary action on the part of the institution.

Supervision Of Minors

UNT Dallas is a learner centered institution of higher education. To ensure that all student learners receive quality academic instruction, only registered students should be in the classroom. Children, friends, family members, and others who do not appear on the class roster should not be in the classroom. Because UNT Dallas does not provide onsite child care, parents or adult guardians are responsible for supervising and monitoring all activities of their children and children under their care while they are on campus.

The following applies for students who bring children/minors to the UNT Dallas campus:

- Parents or adult guardians are responsible for any damage caused by children in their care (e.g., cutting, tearing or destroying books, periodicals, equipment or furniture, or otherwise defacing campus property).
- Children 12 years of age or under must not be left unattended anywhere on the UNT Dallas campus, including the parking lot, computer labs, hallways, or the library.
- An occurrence of an unattended child or children will be reported to campus security and may be reported to University Police.
- Children between the ages of 13 and 18 should be accompanied by a parent or adult guardian at all times while on the UNT Dallas campus.
- The parent(s) or adult guardian(s) of a child who disrupts campus operations and activities may be required to remove the child from the premises.

- Students required to leave class to attend to a disruptive child may be considered absent from class.

Smoke-Free Buildings And Facilities

Smoking is prohibited on the UNTD campus. For more information, see the University's smoking policy (11.002) at: <http://www.untdallas.edu/hr/upol>.

Severe Weather Dismissals

Weather conditions may temporarily disrupt University operations. The University policy regarding severe weather disruption pertains to all University classes unless exceptions are noted specifically in news media and web site announcements. For more information, see the policy on the closing of campuses due to extreme weather conditions at: <http://www.untdallas.edu/hr/upol>.

Courses taught online via Web CT are unaffected by severe weather closings unless instructors inform students otherwise. Those students should continue course work as regularly scheduled.

Closings due to severe weather are posted on the UNT Dallas web site (<http://untdallas.edu>), are released to the Dallas-Fort Worth news media, and are sent to registered students, faculty and staff via Eagle Alert system when appropriate.

Liability for Personal Loss

The University is not responsible for and does not assume any liability for loss of or damage to personal property, including vehicles. Students are encouraged to obtain personal insurance coverage for loss or damage to possessions on campus, including possessions in vehicles.

Motor Vehicles Regulations

Persons who operate motor vehicles and bicycles on the campus of UNT Dallas must comply with the Texas Transportation Code and published University regulations regarding vehicle and bicycle use, parking, display of decals and penalties for violation. The regulations are available online at the UNT Dallas Parking Services website at <http://untdallas.edu/parking>.

Vehicle Emissions

UNT Dallas is prohibited from issuing parking permits to faculty, staff, and students driving motor vehicles registered out of state unless the vehicle has satisfied the state requirements for vehicle emission inspections. Failure to register the vehicle in Texas and failure to display a current and appropriate Texas Inspection Certificate may result in a citation being issued to the vehicle operator.

Student Rights and Responsibilities

The following section includes, in its entirety, university policies on the *Code of Student's Rights, Responsibilities and Conduct* and the *Code of Academic Integrity*. These policies are an articulation of the University's commitment to recognize and support the rights of its students and to provide a guide for defining behaviors that the University may

consider a violation of such policies. It is not, however, meant to be an exhaustive list of all actions which may be considered misconduct.

Code of Student's Rights, Responsibilities and Conduct

Policy Statement

As a student-centered public University, the University of North Texas at Dallas has established standards of conduct to foster a safe environment conducive to learning and development. Students and University student groups are expected to conduct themselves in a manner that demonstrates respect for the rights and property of others and upholds the integrity of the University community. The standards of conduct outlined in the Code of Student Conduct were developed in consultation with students, faculty, administrators and staff with specific consideration for the well-being, honor and dignity of all who live, learn and work in our educational community.

Application of Policy

This policy applies to all students.

Definitions

- A. **Board of Regents** - Governing body of the UNT System, appointed by the governor of Texas.
- B. **Code of Student Conduct ("the Code")** - Standards of conduct and procedures established to provide a full and fair opportunity for review of alleged student misconduct.
- C. **Committee on Student Conduct ("the Committee")** - A group convened at the request of a student or student group for the purpose of providing a second opportunity for impartial evaluation of alleged violations of misconduct and/or sanctions.
- D. **Complainant** - An individual who files a complaint with UNTDSA alleging a violation of the Code of Student Conduct.
- E. **Conduct History** - Documentation of a student's conduct sanctions.
- F. **Conduct Process** - The procedures provided in the Code from the initial complaint through final resolution to consider whether a student has engaged in misconduct, and whether conduct sanctions should be imposed.
- G. **Consent** - Words or actions that show an active knowing and voluntary agreement to engage in mutually agreed-upon sexual activity. Consent cannot be gained by force, by ignoring or acting without regard to the objectives of another, or by taking advantage of the incapacitation of another, where the student knows or reasonably should have known of such incapacity. Use of alcohol or drugs may impair an individual's capacity to freely consent and may render an individual incapable of giving consent. Consent is absent when the activity in question exceeds the scope of previously given consent.
- H. **Dating Violence** - Violence committed by a person who is or has been in a social relationship of a romantic or intimate nature with the victim; and where the existence of such a relationship shall be determined based

on a consideration of the following factors: the length of the relationship, the type of relationship, and the frequency of interaction between the persons involved in the relationship.

- I. **Director of Student Affairs** - University official responsible for administering the student disciplinary conduct process in accordance with the Code of Student Conduct, for maintaining student disciplinary conduct records, and for assisting students in resolving conflicts with one another.
- J. **UNTDSA Representative** - A University official authorized by the Director of Student Affairs to investigate alleged violations of the Code and to administer the procedures and sanctions as set forth in the Code.
- K. **Day** - Monday through Friday during regular University business hours (8am to 5pm), unless otherwise specifically noted.
- L. **Domestic Violence** - Includes felony or misdemeanor crimes of violence committed by a current or former spouse of the victim, or by a person with whom the victim shares a child in common, or by a person who is cohabitating with, or has cohabitated with the victim as a spouse, or by a person similarly situated to a spouse of a victim under the domestic or family violence laws of the jurisdiction receiving grant monies, or by any other person against an adult or youth victim who is protected from that person's acts under the domestic or family violence laws of the jurisdiction.
- M. **Good Conduct Standing** - Status in which a student is fully eligible to participate in University activities and privileges.
- N. **Preponderance of the Evidence** - Standard of review in the student conduct process which evaluates whether allegations are more likely than not to have happened. (ex. *More likely than not and/or 50.1% and/or Greater Weight*).
- O. **No-Contact Order** - Order issued by a UNTDSA Representative prohibiting contact between individuals. Order may be imposed as a sanction or as a directive of an UNTDSA Representative during an investigation.
- P. **Notice of Complaint** - The initial document in the conduct process that identifies alleged misconduct in violation of the Code, and schedules a meeting between the student and a UNTDSA Representative to discuss possible violations of the Code and sanctions.
- Q. **Permanent Student Conduct Record** - Documentation of a student's conduct violation(s) and sanction(s) that are permanently maintained by UNTDSA subject to the University records retention schedule. This record is separate from an academic record.
- R. **Reconsideration** - An opportunity for a student to present new information to a UNTDSA Representative in order to modify a finding of misconduct and/or imposed conduct sanctions. Reconsideration will only occur after a proper appeal has been submitted and approved through a UNTDSA Representative.
- S. **Responsible Student** - A student who is found or alleged to have engaged in an act or acts of sexual misconduct in violation of the Code.
- T. **Security Clearance Committee** - Committee designated to review possible Code violations prior to an applicant's admission.
- U. **Sexual Exploitation** - Taking non-consensual or abusive sexual advantage of another for another's own advantage or benefit, or to benefit or advantage anyone other than the person being exploited, including, but not limited to, non-consensual video or audio-taping of sexual activity or undetected viewing of another's sexual activity.

- V. **Sexual Harassment** - Unwelcome conduct of a sexual nature including but not limited to unwelcome sexual advances, requests for sexual favors, sexual violence and other verbal, nonverbal or physical conduct of a sexual nature.
- W. **Sexual Misconduct** - Conduct including sexual harassment, sexual exploitation, and/or sexual violence.
- X. **Sexual Violence** - Physical sexual acts perpetrated against a person's will or when a person is incapable of giving consent due to the victim's use of drugs or alcohol or other disability, including age. Sexual violence includes but is not limited to rape, sexual assault, sexual battery or sexual coercion.
- Y. **Sexual Coercion** - The use of manipulation or threat to force someone to have sex.
- Z. **Stalking**- Engaging in a course of conduct directed at a specific person that would cause a reasonable person to fear for his or her safety or the safety of others, or to suffer substantial emotional distress.
- AA. **Student** - An individual taking courses at the University, either full or part-time and pursuing either graduate or undergraduate studies, including individuals who withdraw from the University during the conduct process; those who are not currently enrolled in courses but who have a continuing academic relationship with the University, and those who have been admitted to the University.
- BB. **Title IX Coordinator** - University official responsible for monitoring the University's implementation of Title IX, coordinating compliance and investigating complaints of sex discrimination.
- CC. **University** - The University of North Texas at Dallas.
- DD. **University Community** - The collective group of students, faculty, staff, University officials and any other person employed by or contributing to the University.
- EE. **University Premises** - All buildings, facilities, land and other property that is owned, used or controlled by the University.
- FF. **University Privilege** - A special benefit that is granted by the University or enjoyed by students, including but not limited to, participating in social events or University sponsored activities, election to student leadership positions, membership in fraternities or sororities, and registration as a University sponsored organization.
- GG. **University Sponsored Activity** - An activity that is conducted under the authority of, or with the support of, the University.
- HH. **University Student Group ("Student Group")** - A group of students who share a common interest and who are registered as a recognized student group with the Office of Campus Activities and Student Organizations.

Procedures and Responsibilities

Scope of the Code of Student's Rights, Responsibilities and Conduct

The Code of Student Conduct ("the Code") was adopted as a University policy by the president of the University in accordance with authority delegated by the Board of Regents of the University of North Texas System. The Code is implemented and enforced under the direction of the Vice Provost through UNTDSA. The Director of Student Affairs

will develop procedures and guidelines to further assist in the administration of the conduct process that are entirely consistent with the provisions of the Code.

The Code establishes a standard of conduct for all University students. References to "students" throughout the Code should be interpreted to include "University student groups" unless otherwise specified.

The Code applies to conduct that occurs on University premises, at University activities and also to conduct that may occur off campus that could adversely affect the University community and/or pursuit of the University's educational mission or that could create a hostile environment for a student on campus. UNTDSA will decide whether the Code will apply to student off-campus conduct on a case-by-case basis.

Each student is responsible for his or her conduct from the time of application for admission to the University through the award of a degree, or such other time as there is a formal termination of the student relationship with the University.

Each student is responsible for conduct occurring before classes begin and after classes end, as well as during the academic year and during periods between terms of enrollment. The Code continues to apply to student conduct even if a student withdraws from the University during the conduct process. In addition, applicants and students who wish to enroll are also responsible for their conduct prior to admission or re-enrollment.

Academic Integrity

Matters of academic integrity are reviewed and enforced under the exclusive direction of the Provost and Vice Provost. Students engaged in acts which may constitute both academic dishonesty, as well as misconduct as defined by the Code may be subject to sanction under both authorities.

Concurrent Violations of Law and the Code

Students may be accountable to criminal or civil authorities for conduct which may also establish a violation of the Code. The University conduct process will normally proceed during the pendency of any related criminal or civil proceedings and will not be subject to reconsideration even if related criminal charges may be dismissed or otherwise resolved.

Admissions and Enrollment

Conduct review of applicants

1. Applicants to the University and former students seeking re-enrollment, may be referred to the Security Clearance Committee to consider alleged misconduct that could violate the Code and therefore impact admission or re-enrollment, including falsification of admissions documents. In such cases, Security Clearance Committee will review the student's alleged misconduct to consider the individual's potential to benefit from University attendance as well as the welfare and safety of the University community.
2. Security Clearance Committee may determine not to clear an applicant for admission or a former student for re-enrollment, or place the appropriate sanction(s) as conditions for enrollment upon an applicant or former student when evidence indicates that the applicant or former student has:
 - a. Engaged in acts that were disruptive to the normal operations of an educational institution.

- b. Falsified the enrollment application or other admissions forms.
 - c. Engaged in conduct that violates one or more categories of misconduct as prohibited by the Code.
 - d. Been formally charged with commission of a criminal act.
 - e. Been convicted of a criminal act and still subject to criminal penalty, including but not limited to imprisonment, parole and/or probation.
3. A student may request a meeting to discuss the admissions decision with the Director.
4. The decision of the Security Clearance Committee relating to admission or re-enrollment based on the conduct process is final.

Student Group Responsibility

University student groups ("Student Groups") are expected to conduct themselves in a manner consistent with the University's function as an educational institution. Student groups must observe all international, federal, state and local laws and University policies, including the Code, both on and off campus. A student group will be responsible for the actions and conduct of its members, when one or more of its members, acting in the capacity of their membership, commit a violation of the Code. Student groups found in violation of the Code will be subject to conduct procedures and sanctions in the same manner as individual students, except that student groups cannot be permanently removed from the University.

Any Notice of Complaint regarding alleged misconduct involving a student group will be delivered to the student group's local address that is on file with the University. A Notice of Complaint will be sent to the attention of the president or other leader of the student group with a copy to the on campus advisor and/or other advisors as appropriate. Student groups are responsible for responding to all Notices of Complaint and failure to respond may result in resolution of the matter in the absence of any representative of the student group.

A complaint filed against a student group does not preclude the possibility of complaints being filed individually against any or all individual students involved in alleged misconduct.

Records

Documents that are created and maintained as part of the conduct process are subject to the protections of the Family Education Rights and Privacy Act (FERPA), 20 U.S.C § 1232g. FERPA provides specific exceptions for disclosure of disciplinary records in certain circumstances, including disclosure of the final results of any disciplinary action to consider misconduct involving an alleged crime of violence or non-forcible sex offense to the victim of the alleged misconduct regardless of whether the UNTDSA concluded a violation was committed.

Conduct records are maintained by UNTDSA in accordance with the University records retention policy.

A student may request that their permanent conduct record be destroyed by submitting a written request to UNTDSA including the specific basis for the request. The UNTDSA Representative will evaluate request on a case-by-case basis and will typically provide written notice of the decision within ten (10) days of the request. The decision of the UNTDSA Representative is final.

Categories of Misconduct

Students or student groups may be disciplined for the misconduct listed below.

A. Acts of Dishonesty, including but not limited to -

1. Intentionally furnishing false or misleading information to the University or University official.
2. Forging, altering or misusing any University document or instrument of identification.
3. Intentionally interfering with any election process.
4. Failure to fulfill financial obligation(s) to the University.
5. Misrepresenting oneself as a University official.

B. Acts Affecting the University Community; including but not limited to -

1. Interfering with University or University-sponsored activities including, teaching, learning and/or research including international travel.
2. Interfering with any University emergency or public safety function, such as fire, police or emergency services.
3. Engaging in disorderly or obscene conduct including recording another's image in violation of their reasonable expectation of privacy and without effective consent.
4. Breaching the peace, or aiding, abetting or inciting another to breach the peace.
5. Failing to comply with a reasonable directive of a University official, including campus police and UNTDSA officials acting in performance of their official duties.
6. Engaging in disruptive activity, including but not limited to such acts as defined in the Texas Education Code.

C. Acts Affecting Property or Services; including but not limited to -

1. Theft or attempted theft of property or services and knowingly possessing stolen property
2. Intentional or reckless destruction or damage to University property, or the property of others.
3. Unauthorized possession, duplication, or use of access devices to University property.
4. Unauthorized entry onto or use of University premises.

D. Acts Affecting Intellectual Property; including but not limited to -

1. The use or distribution of the original work of another (whether copyrighted or not copyrighted) without the express consent of the owner, including but not limited to the unauthorized downloading of copyrighted music and the distribution for commercial or personal purposes or creation of derivative works from written materials created by faculty or staff, without expressed written permission of the originator.
2. The use or distribution of a trademark, including the University trademark, without the expressed written consent of the owner.

E. Acts Affecting Computing Resources or Technology; including but not limited to -

- 1.Unauthorized access, use or misuse of University computing resources, systems or data.
- 2.Disrupting University computer operations, or the availability of computing resources.
- 3.Using another individual's identification, password, or other credentials to access University computing resources.
- 4.Unauthorized sharing of copyrighted materials through electronic means.
- 5.Initiating or contributing to attacks against external networks or University systems.

F.Acts Affecting Health, Safety or Welfare; including but not limited to -

- 1.Engaging in physical, and/or verbal abuse, fighting, domestic violence, dating violence, threats, intimidation, harassment, coercion, physical or electronic stalking or any other conduct which threatens or endangers the health, safety or welfare of any person. Speech protected by the First Amendment of the U.S. Constitution is not a violation of this provision, though fighting words and statements which reasonably threaten or endanger the health and safety of any person are not protected speech.
- 2.Hazing, (as defined in the Texas Education Code), including engaging in, soliciting, encouraging, direction, aiding or intentionally, knowingly or recklessly permitting behavior such as physical brutality, risk of harm to mental or physical health or safety, intimidation, threat or ostracism, mental stress, humiliation, or other behaviors adverse to health or human dignity in association with pledging, initiation, affiliation with, holding office in, or maintain membership in a student group; or having firsthand knowledge of the planning of hazing or of its occurrence and failing to report it to school authorities
- 3.Arson or unauthorized use or possession of ammunition, firearms, explosives, or other objects that are dangerous or flammable or that could cause damage by fire or explosion to persons or property.
- 4.Illegal use, possession, sale, manufacture, distribution or effective control of chemical precursors, controlled substances, controlled substance analogues, or dangerous or illegal drugs; misuse or possession of a legal drug or other substance which could cause harm to the user; possession of drug paraphernalia; or encouraging, being a party to any of the above or facilitating any of the above.
- 5.Public intoxication; driving under the influence, driving while intoxicated, use, possession or distribution of alcoholic beverages, except as expressly permitted by law and University policy or regulation.
- 6.Tampering with or misuse of security or safety equipment.
- 7.Reporting a false emergency or threat.
- 8.Engaging in acts of sexual misconduct, sexual assault, sexual abuse, sexual harassment, sexual exploitation, sexual violence or sexual coercion as defined by state, international and federal law and University policy.

G.Violations of International, Federal, State or Local laws (whether convicted or not) or other University Policies.

H.Interfering with the Conduct Process; including but not limited to -

- 1.Failing to comply with a request to attend a conference with a UNTDSA Representative.
- 2.Failing to comply with sanction(s) imposed under the Code or sanction(s) otherwise imposed by the University, including failing to comply with any "no-contact" order.

3.Falsifying or misrepresenting information at any stage of the conduct process; or knowingly initiating a false complaint to UNTDSA Representative.

4.Attempting to discourage a person's participation in, or use of the conduct process.

5.Retaliating or engaging in any threatening behavior against a Complainant.

6.Harassing or intimidating a University official, member of the Committee on Student Conduct, or a peer advocate.

I.Facilitating Acts of Misconduct; including but not limited to -

1.Planning or facilitating an act of misconduct.

2.Being present during the commission of an act of misconduct and supporting or encouraging the act.

Sanctions For Misconduct

Any student found to have engaged in conduct in violation of the Code may be subject to one of more of the following sanctions. Repeated misconduct may result in assignment of more serious sanctions, including but not limited to suspension or expulsion.

A. Warning -

1. A verbal or written notice to a student that they have violated the Code and must not engage in violations in the future.

2. No impact on good conduct standing.

3. Not subject to review by the Committee.

B. Educational Sanction -

1. An assignment designed to educate a student about the potential impact of misconduct and to prevent reoccurrence, may include referral to the Substance Abuse Resource Center, education workshops or assignment of reflection papers.

2. No impact on good conduct standing.

3. Not subject to review by the Committee.

4. Failure to comply with the assignment may result in further discipline.

C. University Restrictions -

1. A temporary or permanent restriction of University privileges, including but not limited to, the ability to participate in an organizational intake process or hold a leadership position in a student group, to participate in study abroad programs, to register as a student group, or to participate in social or extracurricular events; may also result in withholding of an official transcript or blocking enrollment for a specified period of time.

2. No impact on good conduct standing.

3. Not subject to review by the Committee unless loss of privileges is related to another reviewable sanction.

4. Student groups may request reconsideration of a restriction no sooner than one (1) year after the date that the sanction was imposed. Reconsideration will be at the discretion of the UNTDSA Representative. The decision of the UNTDSA Representative is final and the Student Group may not request reconsideration again until date specified by the UNTDSA Representative.

D. Level I Conduct Probation -

1. A written reprimand that expires automatically after a specified time but includes the probability of a more severe sanction if a student violates the Code again during the probationary period.
2. No impact on good conduct standing.
3. Not a permanent conduct record.
4. Not subject to review by the Committee.

F. Level II Conduct Probation -

1. A written reprimand that expires automatically after a specified time but includes the probability of a more severe sanction if a student violates the Code again during the probationary period.
2. Good conduct standing is removed during the specified period.
3. Not a permanent conduct record.
4. Not subject to review by the Committee.

G. Level III Conduct Probation -

1. A written reprimand that remains in effect that during the remainder of the student's academic career (including future enrollments) and includes the probability of more severe sanction if a student violates the Code again.
2. Good conduct standing is removed for the remainder of a student's academic career at the University.
3. Becomes a permanent conduct record.
4. May be reviewed by the Committee.
5. Sanction cannot be applied to student groups.

H. Student Suspension -

1. Removal from the University for a specified period of time. A suspended student will be removed from enrollment, prohibited from entering University premises and blocked from future registration until reviewed and approved by UNTSDA.
2. Good conduct standing is removed.
3. Becomes a permanent conduct record.
4. May be reviewed by the Committee.

5. Must meet with a UNTDSA Representative after suspension term is over to be re-instated to the University.

I. Student Group Suspension -

1. Removal of privileges and recognitions accorded to student groups for a specified period of time as defined by the UNTDSA Representative.
2. Student group will not be permitted to participate as a recognized student group in University activities or functions, or to sponsor any activities representing the University.
3. Student groups may submit a request the UNTDSA Representative for reinstatement after the expiration of the specified period of time.
4. May be reviewed by the Committee.

J. Expulsion -

1. Permanent removal from the University. An expelled student will be permanently removed from enrollment and permanently prohibited from entering any University premises.
2. Good conduct standing is permanently removed.
3. Becomes a permanent conduct record.
4. May be reviewed by the Committee.
5. Sanction cannot be applied to student groups.

K. University Withdrawal - A student may be administratively withdrawn from a class, a course, or all courses. A withdrawn student may also be prohibited from entering University premises and barred from re-enrollment until specific conditions are met. Reasons for University withdrawal include, but are not limited to:

1. To prevent the disruption of the education process.
2. The student failed to respond to an official summons from a University official.
3. The student has been suspended or expelled from the University.

L. Immediate Suspension - Immediate removal from all or part of the University premises while the conduct process is pending when a violation reasonably indicates that the student's continued presence poses a substantial or immediate danger to the health, safety or welfare of any member of the University community or to the University premises.

M. Immediate Suspension of Student Group - The group will cease all activities, meetings, programs and representation as a group while an investigation is in progress by UNTDSA. A student group can be immediately suspended for posing a substantial or immediate danger to the health, safety or welfare of any member of the University community or to the University premises.

N. No-Contact Order - The Director of Student Affairs may impose a limited or campus-wide No Contact Order between parties involved in a conduct matter when the fear of retaliation and/or harassment may be present. Specific

instructions will accompany the No-Contact Order outlining expected behavior including face-to-face contact, correspondence, email, social media or telephone. Friends, relatives and other acquaintances are also prohibited from contact on behalf of either party.

Conduct Procedures

A. UNTDSA

1. Review of Alleged Misconduct -

a. UNTDSA will investigate all suspected and reported violations of the Code whether referred by student, faculty, staff, law enforcement, or any other credible third-party source of information, without regard to any related criminal arrest, prosecution or pending criminal or civil litigation. Complaints regarding alleged misconduct should be submitted to UNTDSA as soon as possible after the alleged misconduct occurs.

b. In matters of sexual misconduct, domestic violence, dating violence, stalking,

i.) Prior to initiating an investigation, UNTDSA will review issues related to confidentiality with the Complainant. If the Complainant requests confidentiality or requests that the complaint not be pursued, UNTDSA will take all reasonable steps to investigate the complaint and respond consistent with the Complainant's request as long as doing so does not prevent the University from responding effectively to sexual misconduct, domestic violence, dating violence or stalking, UNTDSA will inform the Complainant that confidentiality in the conduct process cannot be assured.

ii.) If a Complainant insists that they remain anonymous in the investigation, UNTDSA will inform the Complainant that such a request will limit the University's ability to respond to the complaint. UNTDSA will evaluate Complainant's request for confidentiality in the context of the University's responsibility to provide a safe and nondiscriminatory environment for all students.

iii.) UNTDSA will inform Complainants and Respondent that retaliation will not be permitted and that steps, such as a No-Contact Order may be taken to prevent retaliation and that strong action will be taken if retaliation occurs.

iv.) UNTDSA will complete an investigation of allegations within sixty (60) calendar days of receiving notice except in exceptional circumstances as determined based on the availability of witnesses, the number of witnesses or the volume of documents to be collected and/or reviewed. UNTDSA will regularly update the Complainant and if appropriate the Responsible Student on the status of the investigation.

v.) UNTDSA will notify the Complainant about their right to file a criminal complaint with appropriate law enforcement officials; however a criminal complaint will not preclude UNTDSA from proceeding with its investigation. Students who have not already contacted the Title IX Coordinator for cases involving sexual misconduct, domestic violence, dating violence or stalking will also be informed of the right to file a complaint with the Title IX Coordinator.

vi.) UNTDSA will notify the Title IX Coordinator upon receipt of a complaint of sexual misconduct subject to the requests for confidentiality communicated by the complainant. UNTDSA will coordinate with the Title IX Coordinator throughout the investigation as set forth in UNT Policy and will similarly coordinate with campus law enforcement as appropriate.

2. Notice of Complaint - If the UNTDSA finds likelihood that a student has violated the Code, the UNTDSA will deliver a Notice of Complaint to the student that includes:
 - a. A summary of the alleged misconduct.
 - b. The specific section of the Code that may have been violated and that, as a result, sanctions are possible
 - c. A date by which a student must schedule a conference with a UNTDSA Representative to discuss the alleged misconduct and to respond to the alleged violation of the Code.
 - d. UNTDSA will either hand-deliver, email or mail of the Notice of Complaint to the current address on file with the University. Students are responsible for maintaining a current, accurate address with the University registrar.
3. Conference with a UNTDSA Representative -
 - a. A UNTDSA Representative will hold an informal conference with the student to review the alleged misconduct and to provide an opportunity for the student to respond directly to the alleged violation and to offer a response. The conference is an educational forum designed to enable the UNTDSA Representative to determine whether there has been a violation of the Code, and if so, what sanctions are appropriate. The student may present relevant information regarding the alleged misconduct including witness information, documents, or any other information that would assist the UNTDSA Representative in reviewing the alleged misconduct. A student may be accompanied by an advisor, but the student must represent herself or himself at the conference. If a student intends to be accompanied by an attorney, the student must notify the UNTDSA Representative at least two (2) days prior to the conference so that the University can have a representative from the Office of General Counsel present at the conference.
 - b. In matters of alleged sexual misconduct, domestic violence, dating violence, or stalking, the informal conference with the student must be scheduled no fewer than ten (10) and no more than twenty (20) days from the date of the Notice of Complaint. Dates may be extended at the discretion of UNTDSA in the interest of fairness. The UNTDSA Representative will also hold an informal conference with the Complainant within the same timeframe for the Complainant to review the alleged misconduct and to present relevant information including witness information, documents or other information that would assist the UNTDSA Representative in reviewing the alleged misconduct. The Complainant may be accompanied by an advisor, but the Complainant must represent herself or himself during the conference. If a Complainant intends to be accompanied by an attorney, the Complainant must notify the UNTDSA Representative at least two (2) days prior to the conference so that the University can have a representative from the Office of General Counsel present for the conference.
 - c. In the informal conference phase and all subsequent phases of the conduct process, the past sexual history of the Complainant and the allegedly Responsible Student will not be considered in a matter of sexual misconduct except as the history may directly relate to the incident in the complaint. Additionally, the alcohol or drug use of the allegedly Responsible Student at the time of the incident will not be considered a mitigating circumstance.
4. Notice of Conduct Findings -
 - a. If a UNTDSA Representative determines through a thorough investigation that the preponderance of evidence indicates that a student engaged in misconduct in violation of the Code, the

UNTDSA Representative will deliver a Notice of Conduct Findings to the student no later than seven (7) days after the conference informing the student of the violation(s) and the assigned sanction(s). The UNTDSA Representative will also notify the student about any process for review, if applicable. If the UNTDSA Representative determines that a student has not violated the Code, the UNTDSA Representative will notify the student of this finding and no further action will be taken.

b. In matters of alleged sexual misconduct, domestic violence, dating violence, stalking the Notice of Conduct Findings will be delivered concurrently to the Complainant and Responsible Student. All notices will be compliant with the requirements of the Family Education Rights and Privacy Act.

5. Request for Reconsideration -

If new information regarding misconduct or the reasonableness of an assigned sanction is made available within three (3) days after the UNTDSA Representative issues a Notice of Conduct Findings, a student, or in cases of sexual misconduct, domestic violence, dating violence or stalking the Complainant, may request reconsideration by the UNTDSA Representative. The time frame may be extended by the UNTDSA Representative in the interest of fairness. All levels of sanctions can be reconsidered, but only if new information is available.

6. Effective Date of Conduct Sanction -

Unless a student has been immediately suspended, the sanction imposed by a UNTDSA Representative will not take effect until the conduct process is complete.

B. Committee on Student Conduct

1. Authority of the Committee - The Committee on Student Conduct will be assembled at the request of a student, or in the case of sexual misconduct, domestic violence, dating violence or stalking by the Complainant, to review a UNTDSA Representative's findings of misconduct and/or assigned sanctions at the levels of:

- a. Level III Conduct Probation
- b. Suspension
- c. Expulsion

2. Composition of the Committee - A Chairperson will be appointed to preside of the Committee which will include two (2) other members including one (1) representative from the faculty, the student body and the staff from UNT Dallas[KWR1] . The Chairperson will direct the procedures of the Committee and will participate fully in all reviews, but will offer a vote only in the event of a tie. The student, or in the case of sexual misconduct, domestic violence, dating violence or stalking the Complainant, may object the presence of any Committee member prior to the start of the review based on a concern for the Committee member's capacity to make a fair and objective decision. Requests to remove a Committee member will be considered and decided by the Committee Chairperson. If an objection is raised regarding the presence of the Chairperson, the objection will be reviewed by the Vice Provost.

3. Request for Review -

- a. A student who has been assigned Level III Conduct Probation, Suspension or Expulsion ("Responsible Student") may request review before the Committee on Student Conduct by submitting a Request for Review to the Chairperson of the Committee within three (3) days after the Notice of Conduct Findings.
- b. In a matter of sexual misconduct, domestic violence, dating violence or stalking a Complainant may request review before the Committee on Student Conduct if the Responsible Student was assigned a sanction of Level III Conduct Probation, Suspension or Expulsion. The Complainant must submit a Request for Review to the Chairperson of the Committee within (3) days after the Notice of Conduct Findings.

4. Schedule Notice - Upon receiving a Request for Review, the Chairperson of the Committee will schedule a date for the requested review and notify the student. In matters of sexual misconduct, domestic violence, dating violence or stalking, notice will be provided to both the Responsible Student and the Complainant. The date for the review will typically not be more than (10) days after the request was submitted. Time frames may be adjusted at the discretion of the Committee chairperson in the interest of fairness. [KWR2].

5. Procedures for Review before Committee -

- a. Advance summary of positions - No fewer than five (5) days prior to the scheduled Committee Review, both the student requesting the review and the UNTDSA Representative, and the Complainant or Responsible Student in a matter of sexual misconduct, domestic violence, dating violence or stalking must submit the following information to the Committee Chairperson:
 - i. A written summary of their position.
 - ii. A list of individuals who will speak to the behavior in question on their behalf as witnesses.
 - iii. A list of all documents that will be presented to the Committee.
- b. The Committee Chairperson will exchange the information between the parties no fewer than three (3) days prior to the scheduled review. Information will not be provided to Committee members in advance of the review.
- c. Authority of the Chairperson - The Chairperson will preside over the Committee review and make all decisions regarding review procedures. The Chairperson may adjust review procedures and time frames in the interest of fairness.

6. Committee Review Process -

- a. Reviews are informal proceedings and traditional rules of courtroom evidence do not apply. Each party will have forty-five (45) minutes to present their issues to the Committee, including personal statements and any witness presentations. Documents and written witness statements may be submitted to the Committee to supplement an oral presentation. The parties may ask questions of any individual making a presentation during the review; however in the case of a matter involving sexual misconduct, domestic violence, dating violence or stalking, all questions must be directed through the Chairperson. Both the student and the UNTDSA Representative will have the opportunity to give a summation of their case.

- b. In matters of sexual misconduct, domestic violence, dating violence or stalking the Complainant has the option to make a presentation by alternate means at the discretion of the Chair. Alternate means may include appearance by telephone or closed circuit technology or presentation from behind a screen to avoid contact with the Responsible Student.
- c. Reviews are not open to the public unless a party makes a specific request for an open review at the time of the initial Request for Review. Individual witnesses may specifically request that their presentation be provided in a closed setting. The Chairperson will make all decisions regarding closed hearings.
- d. Students, and in matters of sexual misconduct, domestic violence, dating violence or stalking a Responsible Student or Complainant, requesting a review are expected to attend in person. Students, and in matters of sexual misconduct, domestic violence, dating violence or stalking a Responsible Student, or Complainant requesting a review, are expected to attend in person. Except in emergency circumstances, if a requesting party fails to attend the hearing, the review may be dismissed and the decision of the UNTDSA Representative will be final. The UNTDSA Representative is also expected to attend in person.
- e. A party requesting a review must present to the Committee on their own behalf. A party requesting a review may be assisted by one advisor, including an attorney, of their choosing, but only the parties may speak to the Committee or ask questions. Attorneys will not be permitted to present evidence or argument before the Committee. Should a party be accompanied by an attorney, the University will also have representative of the Office of General Counsel present.
- f. The UNTDSA Representative must show, by the preponderance of the evidence, that the student engaged in conduct in violation of the Code, and/or that the conduct sanction imposed by the UNTDSA Representative was reasonable based on the circumstance. In light of this burden, the UNTDSA Representative must begin the presentation before the Committee and be the concluding presentation as well.
- g. Reviews will be recorded and recordings will be the property of the University. Copies of recordings may be provided at the requestor's expense. Recordings will be maintained according to the University records retention policy.
- h. If the student requesting the review does not show up for the scheduled review, the decision of the UNTDSA Representative will be upheld.

7. Committee Findings and Conclusions - No more than seven (7) days after the review, the Chairperson will provide the student, and in matters of sexual misconduct the Responsible student and the Complainant with a summary of the Committee's findings and conclusions. Notice related to matters of sexual misconduct, domestic violence, dating violence or stalking will be prepared in compliance with the requirements of the Family Education Rights and Privacy Act. The Committee may uphold, modify or reject the decision of the UNTDSA Representative. A copy of the summary will be provided to UNTDSA. UNTDSA will take action as appropriate based on the findings of the Committee. The findings and conclusions of the Committee are final, subject to review by the Vice Provost.

C. Review by Vice Provost -

Within three (3) days of the Committee on Student Conduct's decision, either the student or the UNTDSA Representative, or in matters of sexual misconduct, domestic violence, dating violence or stalking the Responsible Student, the Complainant or the UNTDSA Representative may request, in writing, a review by the Vice Provost if it is a sanction that is able to be reviewed. The reason(s) for the review should be outlined in the request. The Vice Provost may request additional information from any person as needed to make a decision. The Vice Provost may uphold, modify or reject the decision of the Committee on Student Conduct and this decision is final. In matters of sexual

misconduct, domestic violence, dating violence or stalking the final decision will be prepared in accordance with the Family Education Rights and Privacy Act and delivered to both the Complainant and the Responsible Student.

D. Immediate Suspension - A student may be immediately suspended from all or part of the University premises, when alleged misconduct reasonably indicates that the presence of the student on the University premises poses substantial or immediate danger to the health, safety or welfare of any member of the University community or University property.

1. Conference regarding immediate suspension - A student who is immediately suspended must contact the UNTDSA Representative within two (2) days of receiving a Notice of Immediate Suspension to schedule a conference to discuss: (1) the reliability of evidence supporting the alleged misconduct; and (2) whether the continued presence of the student on University premises reasonably indicates a substantial or immediate danger to the health, safety or welfare of any member of the University community or University property. Failure to make a timely request for a conference or to appear at a requested conference will cause the immediate suspension to remain in effect until the conduct process is complete.

2. Findings and Conclusions regarding immediate suspension - If the UNTDSA Representative determines that immediate suspension is appropriate under the circumstances, the UNTDSA Representative will issue findings and conclusions and the student will be immediately suspended from the University premises, including all events and activities. Immediately suspended student groups will be immediately precluded from engaging in any activities, programs, or events, including, but not limited to recruitment, philanthropy or community service. The immediate suspension remains in effect until the conduct process is complete or until otherwise altered by the UNTDSA Representative. If the UNTDSA Representative determines that immediate suspension is no longer appropriate, the UNTDSA Representative may permit the student to return to University premises while the conduct process continues. An immediate suspension cannot be reviewed by the Committee.

3. In matters of sexual misconduct, domestic violence, dating violence or stalking a Complainant may be provided notice regarding the findings and conclusions regarding immediate suspension in accordance with the Family Education Rights and Privacy Act.

E. Timeframes -

1. The timeframes set forth in this policy are goals and the University's inability to meet a timeframe will not render the procedures invalid so long as no student rights are violated.

2. Timeframes may be extended by mutual written agreement of decision makers and the student, Responsible Student and/or the Complainant or by approval of the Director.

3. The timeframe for investigation of a matter of sexual misconduct, domestic violence, dating violence or stalking may be extended by the Vice Provost based on the anticipated complexity of the investigation and the severity and extent of the alleged conduct. An extension of the stated timeframe for investigation will be communicated upon approval to the Complainant and to the allegedly Responsible Student.

4. In the matters of sexual misconduct, domestic violence, dating violence or stalking, UNTDSA will deliver investigation status updates to a Complainant and a Responsible Students no less than weekly during an investigation.

Interpretation and Revision

- A. Interpretation - Questions of interpretation or application of the Code will be referred to the Director of Student Affairs, Vice Provost, or a designee, for final determination following consultation with the Office of General Counsel.
- B. Revision - The code will be reviewed every three (3) years under the direction of the Vice Provost.

Sanctions at a Glance

Sanction	Impact on Conduct	Permanent		Reviewable by Committee
	Standing	Record		
Warning	No Impact	No	No	
Educational Sanctions	No Impact	No		If in conjunction with a reviewable sanction
Loss of Privileges	No Impact	No		If in conjunction with a reviewable sanction
Level I Conduct Probation	No Impact	No	No	
Level II Conduct Probation	Temporary removal from Good Conduct Standing	No	No	
Level III Conduct Probation	Permanent removal from Good Conduct Standing	Yes	Yes	
Student Suspension	Permanent removal from Good Conduct Standing	Yes	Yes	
Student Group Suspension	No Impact	No	Yes	
Expulsion	Permanent removal from Good Conduct Standing	Yes	Yes	
University Withdrawal	Removal from Good Conduct Standing	Yes	Yes	

Immediate Suspension

Depends on final
Sanctions

Only if final
sanction is
permanent

No

Code of Academic Integrity

Policy Statement

The University of North Texas at Dallas expects all students to exhibit a high level of personal responsibility, accountability and honesty in all academic endeavors. The value of the UNT Dallas degree depends upon the absolute integrity of the student work submitted to attain a UNT Dallas degree. Therefore, it is imperative that all students demonstrate a high standard of individual honor in their scholastic work. Such standards are aligned with the Code of Academic Integrity values of UNT Dallas: virtue, civility, reasoning and accountability. This policy applies to all students.

Definitions

Academic Dishonesty Review Process. "Academic Dishonesty Review Process" means the procedures provided in the Code of Academic Integrity from the initial meeting with the faculty member through final resolution. The academic dishonesty review process does not include the disciplinary review process which is initiated by the Director of Student Life.

Academic Disciplinary History. "Academic Disciplinary History" means the record of a student's violations of the Code of Academic Integrity that is maintained in the Office of the Director of Student Life.

Academic Work. "Academic Work" means work submitted by a student for the purposes of receiving academic credit, including but not limited to: papers, reports, examinations, exercises, quizzes, performances, presentations, artwork, laboratory work and scientific experiments. May be submitted in any form including written, oral, pictorial or electronic.

Academic Misconduct Sanction. "Academic Misconduct Sanction" means penalty for engaging in academic dishonesty that may be assigned by a faculty member.

Code of Student's Rights, Responsibilities and Conduct. "Code of Student's Right, Responsibilities and Conduct" means the standards of conduct and procedures established to provide a full and fair opportunity for review of alleged student misconduct.

Conduct Sanction. "Code Sanction" means penalty for violating the Code of Student's Rights, Responsibilities and Conduct that may be assigned by the Director of Student Life.

Day. "Day" means the period between 9:00 a.m. and 6:00 p.m. when UNT Dallas is open for official business.

Examination. "Examination" means a set of questions or exercises to test a student's knowledge.

Greater Weight of the Evidence. "Greater Weight of the Evidence" means the standard of review in the academic dishonesty review process which evaluates whether academic dishonesty is more likely than not to have occurred.

University Community. "University Community" means the collective group of students, faculty, staff, UNT Dallas officials and any other persons employed by UNT Dallas.

Definitions of Academic Misconduct

The Code of Academic Integrity was not written with specificity, nor was the Code of Academic Integrity intended to cover every instance of potentially prohibited academic misconduct. A student's lack of intent to engage in academic misconduct, or lack of knowledge of the Code of Academic Integrity, is not a defense to academic misconduct.

Abuse of the academic process - Engaging in activity which interferes with the academic process; including but not limited to:

- Falsifying or attempting to falsify class attendance, course registration and grade records, transcripts or any other academic records.
- Fabricating excuses for class or examination absence.
- Falsifying evidence or intimidating or exerting improper influence on another in connection with an alleged violation of the Code of Academic Integrity.

Cheating - Intentionally using or attempting to use unauthorized materials, information, notes, study aids or other devices or materials in academic work, including but not limited to:

- Purchasing academic work from a commercial service or another individual.
- Copying information from another student during an examination.
- Providing unauthorized assistance to another student by knowingly permitting the other student to see or copy all or a part of an examination or any academic work.
- Obtaining unauthorized advance knowledge of an examination; including accessing previously administered examinations.
- Distributing unauthorized copies of examinations, by sale or otherwise, to another student.

Fabrication - Falsification or invention of any information, data, research or citation in academic work, including but not limited to:

- Falsifying scientific or other data.
- Changing information on examinations or other academic work that has been graded and resubmitting the work for the purpose of improving the grade.

Multiple submissions - Submitting substantial portions of the same work for credit more than once without authorization from the faculty member for the class in which the student submits the work, including but not limited to:

- Submitting the same paper for credit in more than one course without the faculty member's permission.
- Representing group work done in one class as one's own work for the purpose of using it in another class.

Plagiarism - Using another's ideas, processes, results or words without proper attribution; including but not limited to:

- Intentionally, knowingly, or carelessly presenting the ideas, phrasing or work of another without proper citation.
- Quoting or paraphrasing another without citing proper sources.

Complicity - Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty; including but not limited to:

- Knowingly allowing another to copy from one's paper during an examination.

- Distributing test questions or substantive information about materials to be tested without the faculty member's permission.
- Unauthorized collaboration on academic work.
- Sitting for an examination in place of another student, or requesting that another student sit for an examination on their behalf.
- Conspiring or agreeing with others to commit an act of academic dishonesty.

Procedures and Responsibilities

Student Responsibility

Independent work - All ideas, arguments, phrases and other written or created work, submitted by a student without attribution to other sources, must be the creative product of the student. All passages and text from other works must be properly cited.

Authentic data - All experimental data, observation, interviews, statistical surveys and other information collected and reported as part of academic work must be authentic.

Approved collaboration - Students may only collaborate within the limits prescribed by their faculty member.

Maintain assignment guidelines - Students must adhere to the guidelines provided by their faculty member to complete course assignments.

Faculty Role in Maintaining Academic Integrity

Faculty members are encouraged to:

- Include an academic integrity statement on all syllabi and course materials which summarizes the principles of the Code of Academic Integrity.
- Request that students affirm compliance with the Code of Academic Integrity by including a statement on all academic work, including exams, papers and written assignments as follows:
On my honor, I have not given, nor received, nor witnessed any unauthorized assistance that violates the UNT Dallas Academic Integrity Policy.
- Take reasonable steps to foster a climate of academic honesty by:
- Informing students of the Code of Academic Integrity and its application to any particular academic work, and the specific types of academic assistance that may be permissible in connection with the academic work.
- Maintaining adequate security precautions in the preparation and handling of tests.
- Providing ample room for proper spacing of students during exams.
- Monitoring exams, especially in large classes.
- Faculty members are not required to assume these responsibilities and a faculty member's failure to take the encouraged steps is not a defense to academic dishonesty.
- Sanctions for Engaging in Academic Dishonesty.
- Any student engaging in academic dishonesty in violation of the Code of Academic Integrity may be subject to one or more of the following sanctions.

Academic Sanctions

Admonition - A verbal or written warning.

Education sanction - A remedy determined at the discretion of the faculty member; including but not limited to: assignment of additional academic work, attendance at an educational program, interviews with appropriate UNT Dallas officials.

Partial or no credit for academic work - Credit assigned at the discretion of the faculty member. If review of academic dishonesty extends beyond the date for assignment of semester grades, the grade will reflect the penalty. The grade will be adjusted, if appropriate, after the academic dishonesty review process is complete.

Withdrawal from the course - Student will be removed from a course and assigned a grade of "WF". A student will be permitted to remain in a class in pending final resolution of an allegation of academic dishonesty.

Conduct sanctions (assigned in accordance with the Code of Student's Rights, Responsibilities and Conduct)

Suspension - Separation of the student from UNT Dallas for a specified period of time. Student will be removed from enrollment and withdrawn from all courses. Student grades will be assigned in accordance with UNT Dallas policy and a "WF" will be assigned by the faculty member in the course in which academic dishonesty was committed. Student will be blocked from future registration until reviewed and approved by the Director of Student Life and Success.

Expulsion - Permanent separation of the student from UNT Dallas with no provision for readmission. An expelled student will be removed from enrollment and withdrawn from all courses. Student grades will be assigned in accordance with UNT Dallas policy and a WF will be assigned by the faculty member in the course in which academic dishonesty was committed.

Procedures for Review of Academic Dishonesty

Reporting academic dishonesty - All members of the university community are expected to report academic dishonesty to the faculty member of the class in which the academic dishonesty is alleged to have occurred. Reports of academic dishonesty may also be made to the Director of Student Life and Success. Reports may be verbal, in writing or electronic.

Jurisdiction to Issue Sanctions For Academic Dishonesty

Faculty member - Any faculty member may issue academic sanctions based on a finding of academic dishonesty. A faculty member may refer an allegation of academic dishonesty to the Director of Student Life for consideration and process at any time for review in accordance with the Code of Student's Rights Responsibilities and Conduct.

Director of Student Life - The Director of Student Life may issue conduct sanctions in cases of serious or flagrant academic dishonesty or repeated acts of academic dishonesty. Conduct sanctions will be assessed in accordance with the procedures established in the Code of Student's Rights Responsibilities and Conduct.

Faculty Review of Academic Dishonesty

Initial faculty contact with student - No more than three (3) days after establishing a reasonable basis to believe that a student may have engaged in academic dishonesty, a faculty member must make a good faith effort to contact the student either orally or in writing to:

- Inform the student of the allegations.
- Request a meeting with the student to review the allegations and offer an opportunity for the student to respond.
- Inform the student that failure to attend a requested meeting with the faculty member could result in a decision in the student's absence.

- Inform the student that the process for review of academic dishonesty can be found in the Code of Academic Integrity which is available on-line or in the Office of the Director of Student Life and Success.

After a reasonable period of time but no less than five (5) days after initially attempting to contact the student, the faculty member may review the allegation of academic dishonesty and impose academic sanctions in the absence of the student.

Meeting with the student - No more than five (5) days after initially contacting a student, the faculty member will hold an informal conference with the student, either in person or by telephone, at which time the faculty member will review all information available to support the allegation of academic dishonesty and offer the student the opportunity to respond and provide any additional relevant information.

If the student fails to attend a scheduled meeting, the faculty member can make a determination in the student's absence.

If the faculty member requires additional information to reach a decision, the faculty member may continue the meeting to collect additional information.

Notice of the outcome of a meeting with a student - A meeting between the student and the faculty member may result in any one of the following outcomes which will be confirmed in writing and provided to the student no more than five (5) days after the faculty member finishes the meeting with the student:

No finding of academic dishonesty. The notice will be retained by the faculty member and will not be submitted to the Director of Student Life; or

Student accepts responsibility for academic dishonesty and agrees to the faculty member's proposed sanction - The faculty member and student will develop a written agreement identifying the violation and the sanction. The agreement will be submitted to the Director of Student Life; or,

Student accepts responsibility for academic dishonesty but disagrees with the faculty member's proposed sanction -

The faculty member and student will develop a written agreement identifying the violation.

The student will seek review of the proposed sanction by submitting a request for review and any supporting documentation to the faculty member's chair no later than three (3) days after receiving notice of the outcome of the meeting with the faculty member.

The faculty member's chair will review the student's request for review of sanctions and may consult with the faculty member to determine whether the proposed sanction is disproportionate to the admitted offense. Within five (5) days of receiving the student's request, the chair will approve, reject or modify the proposed sanction but in no event will the chair increase the proposed sanction. The chair will provide notice of the decision to the student and the faculty member. The decision of the chair will be final.

The written agreement between the student and the faculty member and the chair's decision will be submitted together to the Director of Student Life; or

Student denies responsibility for academic dishonesty and the faculty member determines by the greater weight of the evidence that the student has engaged in academic dishonesty -

The faculty member will consult with the Associate Provost for Academic Excellence to evaluate whether the academic dishonesty may be serious enough to warrant conduct sanctions under the Code of Student's Responsibilities, Rights and Conduct.

Academic dishonesty not warranting conduct sanctions - Written notice to the student will include:

- a summary of findings related to academic dishonesty.
- the academic misconduct sanction to be imposed.
- information regarding the process for appeal to the chair.

- A copy of the notice will be submitted to the Director of Student Life.

Academic dishonesty warranting conduct sanctions - Written notice to the student will include:

- a summary of the findings related to academic dishonesty,
- the academic misconduct sanction to be imposed,
- a copy of the notice referring the matter to the Director of Student Life for further consideration of the complaint in accordance with the Code of Student's Rights Responsibilities and Conduct which will be delivered after the date for appeal to the faculty member's chair has expired.

Faculty member is unable to reach a conclusion regarding academic dishonesty. Written notice to the student that a complaint has been referred to the Director of Student Life for further investigation and review in accordance with the Code of Student's Rights Responsibilities and Conduct

Allegations involving multiple students - If more than one student is involved in an allegation of academic dishonesty, a faculty member must convene separate meetings for each individual student. Personally identifiable information will not be shared with other students without the students' express written consent.

Appeal of an Faculty Member's Academic Penalty to Department Chair

If a student disagrees with a faculty member's finding of academic dishonesty or with the academic sanction, the student may appeal to the chair of the faculty member's department within three (3) days of receiving the faculty member's written decision. In the case of notice issued under section VII(C)(3)(d)(ii) of the Code of Student's Rights Responsibilities and Conduct, no complaint will be referred to the Director of Student Life until after the period of appeal has expired.

The student's written request for appeal must state:

- i. Whether the student is appealing the finding of academic dishonesty or the academic sanction.
- ii. The specific basis for the appeal.
- iii. Any factual information to be considered on appeal.

On appeal the chair will review:

- i. All information submitted by the student.
- ii. The written findings of the faculty member.
- iii. Any information submitted by the faculty member if requested by chair.
- iv. Within 10 days after receiving the request for appeal, the chair will issue a written decision.
- v. he chair may approve or reject the finding of academic dishonesty and/or approve, reject or modify the academic sanction.

The decision of the chair will be final.

If the chair rejects a faculty member's finding of academic dishonesty no complaint will be referred to the Director of Student Life.

If the chair approves the faculty member's finding of academic dishonesty, a copy of the chair's decision will be submitted to the Director of Student Life along with the complaint if a complaint will be referred.

Jurisdiction of the Director of Student Life and Student Conduct Committee

The Director of Student Life will review complaints of academic dishonesty when:

- A confirmed case academic dishonesty is referred as a complaint by a faculty member or chair to consider whether the academic dishonesty is sufficiently serious or flagrant to consider conduct sanctions.
- A complaint is referred by a faculty member who is unable to determine whether the student engaged in academic dishonesty in which case the Director will fully investigate the complaint and any will meet with the student to consider whether the student engaged in academic dishonesty and what misconduct sanctions may be appropriate.
- On the Director's own initiative a student's academic disciplinary record evidences repeat violations of academic dishonesty.

Upon receiving a complaint or initiating an investigation based on repeat violations, the Director of Student Life will provide all process required for a student under the Code of Student's Rights, Responsibilities and Conduct, Section XI, including notice and an opportunity to respond to the allegation of academic dishonesty.

Except in situations where the allegation of academic dishonesty has not been conclusively determined by the faculty member, the Director of Student Life will not consider whether the student has engaged in academic dishonesty, but will focus exclusively on whether the established violation was sufficiently serious or flagrant to warrant suspension or expulsion, or whether a student's disciplinary record reflects repeat acts of academic dishonesty which merit conduct sanctions.

If the Director assigns conduct sanctions based on a finding of academic dishonesty, the student will have all rights of review and process by the Student Conduct Committee as set forth in Section X(B) of the Code of Student's Rights Responsibilities and Conduct.

If the Student Conduct Committee affirms a misconduct sanction based on a finding of academic dishonesty, the student will have all rights of review and process before the Associate Provost for Student Success as set forth in Section X(C) of the Code of Student's Rights Responsibilities and Conduct.

Miscellaneous

• Referral for misconduct violations

Student who engages in an alleged misconduct violation in addition to alleged academic dishonesty may be immediately referred to the Director of Student Life for consideration of conduct sanctions under the Code of Student's Rights, Responsibilities and Conduct.

• Grade penalties

Grade penalties will be effective when all appeal deadlines have expired or at the end of the semester, whichever occurs first. If appeal of an academic sanction extends beyond the semester of the allegation and the grade penalty is modified on appeal to the chair, the chair will notify the registrar to change the course grade. Academic sanctions assigned through this process are not subject to appeal through the UNT Dallas appeal process.

• Notices

All notices will either be delivered to a student's official UNT Dallas email address or hand-delivered to the student.

No refunds of tuition or fees - Students who fail a course as an academic sanction are not be eligible for a refund of any tuition or fees for the failed course.

- **Continuation of coursework**

Additionally, a student will not be permitted to withdraw from or drop a class without the faculty member's permission unless the final outcome of the process dictates that no academic penalty will be imposed.

- **Timelines**

The timelines established in the Code of Academic Integrity are guidelines and failure to meet any specific time frame will not impact the jurisdiction of any faculty member, chair or other UNT Dallas official to proceed.

- **Student responsibility to respond to requests and complete sanctions**

Students are expected to respond to all notices and contacts by faculty members or any other UNT Dallas official who is carrying out their responsibility under the Code of Academic Integrity. Failure to comply with a directive issued under the Code of Academic Integrity or to complete any sanctions imposed under the Code of Academic Integrity may result in discipline in accordance with section IX(B)(5) of the Code of Student's Responsibilities, Rights and Conduct.

- **Records**

Documents that are created and maintained as part of the disciplinary process and the academic dishonesty process are subject to the protections of the Family Education Rights and Privacy Act, 20 U.S.C. § 1232g. Disciplinary records, including conduct and academic disciplinary records are maintained by the office of the Director of Student Life and Success in accordance with the university records retention policy.

- **Interpretation**

Questions of interpretation or application of the Code of Academic Integrity will be referred to the Associate Provost for Student Success, or a designee, for final determination following consultation with the Office of General Counsel.

- **Revision**

The Code of Academic Integrity will be reviewed every three (3) years under the direction of the Associate Provost for Student Success.

Summons

The University may make an official request or summon a student to appear before a university administrator when a student's conduct or behavior is reasonably believed to be in violation of these policies or any published university policy or rule. A student who receives a summons should always consider it important and respond immediately. Failure to answer a summons can result in disciplinary action up to and including administrative withdrawal from the University.

Questions or concerns regarding these policies should be referred to the Director of Student Life at (972) 780-3633.

Admissions

Undergraduate Admissions

Office of Undergraduate Admissions

7300 University Hills Blvd | Dallas, Texas 75241-4605

T (972) 780-3642 | TTY (888) 937-9291 | Toll Free (877) UNT.DALS | Fax (972) 780-3694

admissions@untdallas.edu | www.untdallas.edu

Your journey to an affordable, quality education begins at UNT Dallas. The Office of Undergraduate Admissions is committed to ensuring a smooth transition from either high school or another community college/university. In this section, you will find helpful information on UNT Dallas' admission requirements and deadlines.

UNT Dallas accepts the ApplyTexas Application for Admission to Four-year institutions. UNT Dallas requires all prospective Freshmen, Transfer, and Visiting (Transient) students to submit an ApplyTexas Application for Admission. The application can only be completed and submitted electronically by visiting www.applytexas.org. Submission of an essay (or personal statement) and letters or recommendations are not required but highly recommended.

Note: Returning (Former) Students: If you were previously enrolled at either UNT or UNT Dallas at least once during the 12 consecutive months prior to the term/semester you wish to enroll, please contact the Office of the Registrar at registrar@untdallas.edu or (972) 780-3664.

UNT Dallas is a selective university and does not guarantee admission of all applicants. It is recommended that students apply well in advance of stated application deadlines. Additionally, it is important to note that UNT Dallas cannot guarantee admission of all applicants.

Admission requirements for Fall 2015 may change. For the latest information on Freshmen, Transfer, and Visiting students visit www.untdallas.edu/undergrad.

Application Dates and Deadlines

All necessary credentials, such as application, official transcripts, required entrance test scores, and essay must be on file in the Office of Undergraduate Admissions by final deadline to be evaluated and processed for admission and enrollment at UNT Dallas for the specific semester applying for.

Entry Term	Application Date/Deadline	
Fall 2014	Priority Application Date	March 1, 2014
	Final Application Date	August 13, 2014
Spring 2015	Priority Application Date	December 1, 2014
	Final Application Date	January 5, 2015
Summer 2015 (3 week and 8 week terms)	Final Application Date	May 4, 2015
Summer 2015 (5 week 1 & 10 week terms)	Final Application Date	May 25, 2015

Summer 2015 (5 week 2 term)	Final Application Date	June 29, 2015
Fall 2015	Priority Application Date	March 1, 2015
	Final Application Date	August 10, 2015
Spring 2016	Priority Application Date	December 1, 2015
	Final Application Date	January 4, 2016

Admission Requirements

Applicants are considered for undergraduate admission to the university from an accredited high school, community college or university, or equivalent. Academic preparedness to succeed will be determined by review of academic performance, standardized test scores, and additional factors considered during a holistic review.

Admission Application Fee

All applicants new to UNT Dallas must pay a non-refundable admission application fee of \$40 (for U.S. citizens and permanent resident aliens) The fee must be paid in U.S. dollars. The fee may be paid by check, money order, or by credit card online prior to submitting the ApplyTexas application. If paying the application fee creates a financial hardship, the following fee waiver options are available:

Freshmen

- ACT waiver
- SAT waiver
- Attend UNT Dallas "True Blue" preview event

Transfer

- Attend Transfer Informational Session (First Friday and Transfer Monday)

First Time in College (FTIC)

A FTIC is a freshmen applicant who will or has graduated from high school but has not attended a college or university since high school graduation. Students who have participated in a high school dual credit program, concurrent enrollment program or early college high school program while in high school are considered a FTIC student.

- Complete and submit a freshmen application for admission via www.applytexas.org.
- Submit non-refundable application fee or fee waiver. Applications will be considered incomplete and no admission decision will be rendered if application fee or fee waiver documentation is not received.
- Submit a 6th or 7th semester official transcript indicating class rank, if applicable, through at least junior year denoting Recommended or Distinguished graduation plan. Final official transcript will be required for all admitted students after high school graduation. A copy of GED scores will be accepted in lieu of high school transcript.
- Submit official college entrance test score, SAT or ACT, sent directly from the testing agency, printed on the official high school transcript, or received from a school official (i.e. guidance counselors, AVID teacher, or Registrar).
- Submit an essay.

UNT Dallas strongly recommends students take the following courses in high school to be considered for admission:

High School Course	Recommended Courses (or higher equivalent)	Units Required
English	English I, English II, English III, and English IV	4
Mathematics	Algebra I, Geometry, Algebra II, and Pre-Calculus	4
Sciences	Biology, Chemistry, and Physics	3
Social Sciences	World Geography, World History, U.S. Government, U.S. History, and Economics	4
Foreign Language	Level I - III proficiency of the same language	3

Graduates of Non-Accredited High Schools, Home-Schooled students and GED recipients

The admissions requirements for graduates of non-accredited high schools and home-schooled students are the same as for students who have attended a traditional, accredited public or private school. Required documents include application for admissions, transcript with all coursework completed, college entrance exam score, and application fee or fee waiver. Homeschool transcripts must bear a notarized signature of the parent or instructor attesting to the authenticity of the record. GED applicants must submit official GED scores and SAT or ACT scores. Applicants whose academic record indicates probability of success may be admitted.

Early High School Graduates

Students graduating early from high school must submit all application materials and verification of early graduation. A letter from a high school counselor or an indication on the official transcript is acceptable for verification. Early graduates are required to meet regular freshman requirements. An essay explaining the purpose or reason for early graduation is recommended.

Assured First Time in College Admission Requirements

Students who graduate from an accredited high school and have completed the Recommended or higher graduation plan can gain assured admissions determined by rank in class and minimum college entrance exam scores. Students who graduate in the top 10 percent of their high school class shall be admitted automatically to the university.

Class Rank	SAT Score (Critical Reading + Math)	ACT Score (Composite)
Top 10% (90-100)	No minimum but submission required	No minimum but submission required
75 - 89	950	20
50-74	1050	23

25-49	1180	26
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UNT Dallas Admission Freshmen Committee Review

Applicants who do not meet assured admission requirements are evaluated holistically by UNT Dallas Admission Committee to determine academic preparedness to succeed. Holistic review includes, but not limited to, the review of academic course selection (including college preparatory courses such as Honors, Advanced Placement (AP), Dual Credit (DC), and International Baccalaureate (IB), extracurricular activities, leadership experiences, community service, special talents and awards, employment history, essay/personal statement, and letters of recommendation.

Students offered admission after review by the Admission Committee have proven to be prepared for the academic rigor at UNT Dallas. A student may be fully admitted or conditionally admitted. If a student receives conditional admission, the student must achieve a 2.0 GPA or higher at the conclusion of the first semester of enrollment and successfully complete USGT 1100 Learning Foundation course.

Texas Uniform Admissions Policy (SB 3826).

Per the Texas Education Code, Sections 51.801-51.809, and changes made to several sections by House Bill 3826, in addition to a Texas general academic teaching institution's admissions requirements, a first-time freshman, regardless of when the student graduated from high school, must also have either:

1. Successfully completed the curriculum requirements for the recommended or advanced high school program or its equivalent; or
2. Satisfied ACT's College Readiness benchmarks on the ACT Assessment or earned on the SAT assessment a score of at least 1500 out of 2400 or the equivalent.

Note: The ACT College Readiness Benchmarks are: English=18, Math=22, Social Sciences=21, Science=24.

Under TEC Section 51.807 and with consultation of the Texas Education Agency, the Texas Higher Education Coordinating Board has determined that the high schools are responsible for providing the appropriate documentation to confirm the curriculum requirements. For the student graduating from an out-of-state or international high school the necessary curriculum information will be provided upon completing the appropriate form, accessible at <http://dallas.unt.edu/admissions>.

Applicants meeting the curriculum or the ACT/SAT assessment score requirements mandated by the Texas Education Code, but not meeting UNT Dallas' admission requirements, may be reviewed individually by the Office of Undergraduate Admissions.

Transfer Admission

A transfer student is defined as any student who has previously attended a regionally accredited community college, junior college, or university and received some type of college credit. UNT Dallas only evaluates credit from regionally accredited academic institutions. Applicants must submit official records of all accredited institutions attended, even if they do not wish to transfer the credit to UNT Dallas. Credit from non-accredited institutions will not be evaluated as part of the admissions process. Admitted students who wish to have non-accredited credit evaluated can submit an official record to their specific academic advisor and division dean for approval.

- Complete and submit a transfer application for admission via www.applytexas.org.

- Submit non-refundable application fee or fee waiver. The fee may be paid by check, money order, or by credit card online prior to submitting the ApplyTexas application. Applications will be considered incomplete and no admission decision will be rendered if application fee or fee waiver documentation is not received.
- Submit official transcript from all previously attended institutions.
- Submit an essay.

Note: Additional requirements for students with 29 or fewer transferable semester hours of college work.

Assured Transfer Admission Requirements

Transferable Credit	Requirements (4.0 scale)
0-29	<ul style="list-style-type: none"> • Minimum 2.5 GPA • Eligible to return to previous institution • Meet First Time in College requirements for admissions
30-44	<ul style="list-style-type: none"> • Minimum 2.25 GPA • Eligible to return to previous institution
45 or more	<ul style="list-style-type: none"> • Minimum 2.0 GPA • Eligible to return to previous institution

UNT Dallas Admission Transfer Committee Review

Applicants who do not meet assured admission requirements are evaluated holistically by UNT Dallas Admission Committee to determine academic preparedness to succeed. Holistic review includes, but not limited to, the review of extracurricular activities, leadership experiences, community service, special talents and awards, employment history, essay/personal statement, and letters of recommendation.

Transfer Credit

The admissions office determines acceptable transfer credit from other institutions. The student's division dean determines applicability of the credit to a degree program. Student will receive an acceptance package that will include a Transfer Credit Summary. This evaluation of course credit reflects accepted transfer credit as well as credit that has not been accepted in transfer. A lower-level course that is determined to be equivalent to a UNT Dallas upper-level course does not satisfy the requirement of advanced.

If UNT Dallas does not accept lower-division course credit earned by a student at another Texas public institution of higher education, UNT Dallas shall give written notice to the student that the transfer of the course credit is denied. Upon request, UNT Dallas may also provide written notice of the reasons for denying credit for a particular course or set of courses of the other institution.

A student may dispute the denial of credit by contacting a designated official at either UNT Dallas or the other institution. The two institutions and the student shall attempt to resolve the transfer of the course credit in accordance with Texas Higher Education Coordinating Board rules and/or guidelines. If the transfer dispute is not resolved to the satisfaction of the student or the institution at which the credit was earned within 45 days after the date the student receives written notice of the denial, UNT Dallas shall notify the commissioner of the Texas Higher Education Coordinating Board of its denial and the reason for the denial.

The commissioner of higher education or the commissioner's designee shall make the final determination about a dispute concerning the transfer of course credit and give written notice of the

determination to the involved student and institutions. The Texas Higher Education Coordinating Board shall collect data on the types of transfer disputes that are reported and the disposition of each case that is considered by the commissioner or the commissioner's designee.

College-level courses completed with a grade of D or above at another accredited institution will normally be accepted for transfer. Specific transfer grade guidelines for some academic programs may exist. Courses completed with codes indicating no grade or credit will not be transferred. Transferability of courses will not be affected by a student's academic standing (i.e. probation, suspension). Developmental or remedial courses will not be accepted for transfer and the credit hours will not be reflected on the student's record. Only the most recent repeated course and grade will be transferred and posted to the student's academic record. Division Deans reserve the right to determine applicability of credit towards degrees including credit earned from a non-accredited institution.

Transfer credit is subject to audit during a student's academic career at UNT Dallas. Total hours accepted may be increased or decreased to reflect correction of prior evaluation or consideration of additional transfer work to ensure compliance with UNT Dallas academic policies.

In accordance with the rules mandated by the Texas Legislature, a student who successfully completes a 42- to 48-semester-credit-hour common core curriculum at a state-assisted institution of higher education in Texas may transfer as "core complete" to UNT Dallas. The student will receive academic credit for each of the courses transferred. The student will need to work with an academic advisor to determine if additional requirements will be necessary to satisfy the 42-hour UNT Dallas core.

The Academic Advising Office determines acceptable transfer credit from other institutions based on evaluation of course content as described in the catalogs of those institutions and in consultation with appropriate academic units at UNT Dallas as necessary for clarification.

Transfer credit may only be received for course work completed at an accredited institution of higher education. Transfer credit from any accredited institutions will be converted to semester hours and a 4.0 grading system for evaluation purposes as appropriate. The student's academic dean determines applicability of the credit to a degree program. Students seeking the Bachelor of Applied Arts and Sciences (BAAS) should refer to the special provisions of the respective BAAS degree programs.

Students who have begun residence work at UNT Dallas and who have attained junior standing may, only with the prior written approval of their academic dean, enroll in and transfer hours from approved two-year colleges.

Texas Common Course Numbering System (TCCNS)

TCCNS has been designed for the purpose of aiding students in the transfer of general academic courses between colleges and universities throughout Texas. UNT Dallas participates in the TCCNS to facilitate the transfer of credits. Information provided is subject to change without notice and does not constitute a contract between UNT Dallas and a student or applicant for admission. Prospective transfer students should contact the advising office for course work guidelines prior to enrollment. For more information visit www.tccns.org/ccn.

Students are encouraged to plan all course selections at the community college as far in advance as possible. Proper planning and use of the UNT Dallas Course Equivalency Guide and the UNT Dallas degree audit information will maximize the transfer of credit to UNT Dallas.

Catalog Choice

Any student transferring directly from a Texas public community college to UNT Dallas shall have the same choice of catalog designating degree requirements as the student would have had if the dates of attendance as the university had been the same as the dates of attendance at the community college.

Visiting (Transient Applicants)

Undergraduate students who have been enrolled at another college or university previously may attend UNT Dallas as a visiting student for one long fall or spring term only, provided their intent is to return to their previous college or university. An official transcript from the school attended prior to the intended entry semester must be submitted with the application for admission and the application fee prior to the application deadline. The transcript must reflect that the student is not on academic probation or suspension from the last institution attended to be admitted as a visiting student.

If a visiting student later decides to continue at UNT Dallas, the visiting status ends and all admission requirements for a beginning transfer student (see "Transfer Students" above) must be met prior to the second enrollment at UNT Dallas. All students previously admitted as a visiting must first contact the Office of Undergraduate Admissions for clearance to re-enroll. If a student originally applies as a regular transfer student and is academically rejected for admission, the student cannot change application status to visiting.

Because of federal laws and immigration requirements, international students are not eligible to enroll at UNT Dallas as visiting students.

International Admissions

UNT Dallas welcomes applications for students seeking admissions who do not hold U.S. citizenship, have a pending or approved Permanent Resident Card (PRC), nor qualify for a waiver under the guidelines of Texas HB 1403/SB 1528. UNT Dallas works with the UNT Office of Admissions to process and admit international students. For additional information about the process and requirements contact UNT Dallas Office of Admissions.

Other Admission Pathways

Jaguar Gateway Program

First Time in College applicants that were denied admission for the fall semester are eligible to participate in the Jaguar Gateway Program for an opportunity to gain conditional admission to UNT Dallas. For more information, contact the Office of Undergraduate Admissions.

Adult Admissions Program

Freshman applicants who have been out of high school for at least five years and who have earned fewer than 30 semester hours at a college or university may be eligible for admission to UNT Dallas under the Adult Admission Program. Individuals eligible for this program may be accepted without the required SAT or ACT test scores only if evidence provided to the admissions office staff suggests the potential of academic success for the individual.

Applicants under the Adult Admission Program must submit:

- an application for admission, which can be completed online at www.applytexas.org;
- a non-refundable \$40 application fee;
- a copy of all high school transcripts;

- official transcripts of any previous college/university work (students who are transferring fewer than 30 hours from another college/university also must have a minimum 2.5 grade point average [4.0 grading system] and be eligible to return to any institution attended);
- a written personal statement concerning your academic preparedness for university-level study, your intended major and career goals, and any other information you feel is pertinent to the individual review of your application;
- the Adult Admission Program Request Form; and
- proof of graduation from a recommended or distinguished high school curriculum or Texas Uniform Admission Certification.

A personal interview with the prospective student may also be required at the discretion of the reviewer (see "Admission by Individual Review for Freshmen or Transfer Students"). The purpose of the interview is to allow the committee to gain additional information relevant to the admission decision.

Students who are admitted under the provisions of the Adult Admission Program are subject to all other academic and programmatic requirements of the university.

Academic Fresh Start. Section 51.931 of the Texas Education Code allows Texas residents who were enrolled in a post-secondary institution 10 or more years prior to the start of the semester for which he/she seeks admission to UNT Dallas admission without consideration of prior academic coursework, credit, or grades taken while enrolled 10 or more years ago.

To take advantage of this option, you must request it prior to your first enrollment at UNT Dallas. You must report and submit all of your college transcripts with your application for admission. You must also complete and submit a Fresh Start request form. Hours excluded under the Fresh Start option may still be used to claim exemption from the Texas Success Initiative (formerly TASP).

Dual Credit

UNT Dallas allows high school students the opportunity to earn dual course credit for immediate award of both high school credit and college credit. Students meeting dual credit admissions requirements and deadlines may be accepted for dual credit offered through UNT Dallas. The student must meet the below eligibility requirements listed below:

- Meet requirements for admission to UNT Dallas. Student applications will be reviewed individually and admitted according to the holistic admission standards. Student must have a 3.0 cumulative high school grade point average on a 4.0 scale and meet at least one (1) of the following criteria:
 - 92 or above PSAT score (Critical Reading and Math only)
 - 922 or above combined SAT score (Critical Reading and Math only)
 - 18 or above PLAN score.
 - 18 or above ACT score (Composite)
- Meet or exempt from two of the three TSI areas determined by UNT Dallas. Student must meet TSI requirements in the areas that are applicable to the course or have a TAKS tenth grade score of 2200 on

Mathematics and/or a score of 2200 on English Language Arts with a writing score of at least 3 on the tenth grade TAKS relevant to the courses to be attempted. Additional approved TSI exemptions will be honored; including but not limited to ACT or SAT scores.

- C. Achievement of the required basic skills prerequisites as defined for each course.
- D. Must be in the eleventh or twelfth grade. Exceptions may be made for ninth and tenth graders if approved by the specific school official and UNT Dallas dual credit representative or if student is enrolled in a state approved and designated Early College High School (ECHS) program.
- E. Proof of or exemption from receiving the State mandated Bacterial Meningitis vaccination.
- F. Student shall not be enrolled in more than two dual credit courses (up to 8 hours of UNT Dallas course work) per fall, spring, or summer semester. An exception to this requirement may be granted if approved by the specific school official and UNT Dallas dual credit representative.

To receive credit from UNT Dallas dual credit courses students must complete an application, be accepted as a dual credit high school student, and pay tuition and fees to UNT Dallas by designated date.

UNT Dallas will conduct enrollment for dual credit courses each fall, spring, and summer semesters. Students failing to complete the admission process or standards by the published deadlines will ineligibility to participate in the program. For more information visit www.untdallas.edu/dualcredit

Combined Undergraduate Admission Requirements

Undergraduate Admission Requirements			
Classification	Prerequisites	Official Transcripts	Entrance Exam ¹
First Time in College (Freshmen)	Graduation from an accredited high school on the Recommended or higher graduation plan, homeschooled, or received GED.	Yes: Showing rank in class through at least junior year, if applicable.	<p>Automatic Admission Applicants who graduated in the top 10 percent of their high school class shall be admitted automatically to the university.</p>
Transfer Freshman (fewer than 30 college hours)	Graduation from an accredited high school on the Recommended or higher graduation plan, homeschooled, or received GED, with minimum college GPA of 2.5 (4.0 system) and must be eligible to return to institutions attended.	Yes: Transcript from high school and each college or university attended.	<p>Regular Admission Applicants shall be guaranteed admission if they</p> <ul style="list-style-type: none"> • rank in the next 15 percent and have a minimum 950 SAT or 20 ACT, or • rank in the 2nd quarter and have a minimum 1050 SAT or 23 ACT, or • rank in the 3rd quarter and have a minimum 1180 SAT or 26 ACT. <p>Individual Review Applicants who do not meet the above requirements or who rank in the fourth quarter</p>

			may be admitted only by individual review.*
Transfer Student (30 to 44 college hours)	Minimum 2.25 GPA (4.0 system) and must be eligible to return to institutions attended.	Yes: From each college or university attended.	No.
Transfer Student (more than 44 college hours)	Minimum 2.0 GPA (4.0 system) and must be eligible to return to institutions attended.	Yes: From each college or university attended.	No.
Visiting (Transient)	Academic good standing at last college or university attended.	Yes: From each college or university attended.	No.

¹ UNT Dallas applicants should take entrance exams at least five months before admission deadline. See high school counselors for more information or write: The College Board ATP, P.O. Box 592, Princeton, NJ 08540; or ACT, P.O. Box 168, Iowa City, IA 52243-0168. UNT Dallas SAT School Code: 5999; UNT Dallas ACT School Code: 6366

Programs with Specific Admission Requirements

The Office of Undergraduate Admissions coordinates all university-wide admissions policies and procedures for undergraduate programs. Some programs require that students meet additional requirements in order to be admitted to a particular academic program. Those programs with admission requirements in addition to those for the general university are listed below. For additional information regarding specific requirements, student should consult the applicable section of this publication.

Division of Education and Human Services

Interdisciplinary Studies (Teacher Education)

Division of Urban and Professional Studies

Business Administration:

Accounting
 Entrepreneurship
 Finance
 General Business
 Organizational Behavior and Human Resources Management

Texas Success Initiative

The Texas Success Initiative (TSI) is a state statute requiring all undergraduate students - including international students, permanent residents, and/or citizens - entering a Texas public institution of higher education to demonstrate readiness for college-level reading, writing and mathematics before enrolling in college-level course work. Students may demonstrate college readiness by achieving the statutory threshold(s) on the state-approved readiness assessments, unless they are exempt. Students must satisfy all TSI requirements before receiving a baccalaureate degree.

UNT Dallas accepts scores on the ACCUPLACER, ASSET, COMPASS or THEA tests for assessment purposes. These state-approved tests measure college-level readiness in reading, mathematics and writing. Minimum score thresholds required to demonstrate college readiness in each subject are as follows:

	Reading	Math	Writing
ACCUPLACER	78	63	80 objective/ 5 essay
ASSET	41	38	40 objective/ 5 essay
COMPASS	81	39	59 objective/ 5 essay
THEA	230*	230	220

**Students applying to a major in education need a THEA score of 240*

Students shall participate in a developmental program for each semester of enrollment for those subjects where readiness has not been demonstrated. Students may demonstrate readiness by either passing the highest level of indicated developmental course work or by scoring above statutory thresholds on one of the approved tests.

College readiness testing is not used in admission decisions at UNT Dallas. UNT Dallas, however, must have the results of a college readiness assessment before registration.

All new undergraduate students enrolling must comply with state law and university policies concerning the Texas Success Initiative (formerly TASP).

Advanced Placement and Credit by Examination

UNT Dallas awards undergraduate college credit on the basis of local and national examinations, subject to general limitations. This also includes military service credit and classroom instruction offered through the non-academic institutions approved by the American Council on Education. Such credit is not included in determining grade point averages and has the following additional restrictions:

- may not be used to reduce the general degree requirement of completing a minimum of 30 semester hours in residence at UNT Dallas;
- may not be used to reduce the general degree requirement of completing at least 24 semester hours of advanced work at UNT Dallas;
- may not be used to reduce the general degree requirement of completing at least 12 advanced hours in the major at UNT Dallas;
- may not be earned in any course the student has previously completed at any university; and
- may not be earned in any course prerequisite to another course in the same subject for which the student has previously earned credit.

UNT Dallas recognizes exam credit in transfer from other accredited institutions within the limits outlined above. Scores from exam credits accepted in transfer are not re-evaluated by UNT Dallas. Credit by examination cannot be substituted for any grade, including an F earned for a course in high school, at UNT Dallas or at another college or university. The credit earned through examination will not be included in the grade point average at UNT Dallas, but it will be included in accepted semester credit hours and on the UNT Dallas transcript.

Credit and advanced placement may be granted only in accordance with policy and procedures in operation at UNT Dallas. Departments that honor the CLEP Subject Examinations, the College Board Advanced Placement Examinations or other instruments for granting advanced placement set departmental standards for their use. UNT Dallas policy on awarding non-traditional credit is subject to change without notice.

Advanced Placement (AP)

Entering students who took the Advanced Placement (AP) Exam for credit (and who designated that their scores be sent to the University of North Texas at Dallas, code 5999) will receive an evaluation of their scores

at Freshman Orientation, if scores have been received and qualify for credit. Students who do not receive their AP evaluations at that time should check with the Office of Undergraduate Admissions prior to receiving academic advisement to confirm that their AP results have been received.

Former, continuing and transfer students who wish to have their AP test results applied to their UNT Dallas transcript must initiate this process through the Office of Undergraduate Admissions during their term/semester enrolled at UNT Dallas. (Note: students who fail to initiate the process during the first term/semester at UNT Dallas may still be eligible to receive credit, but may be subject to the standards in place at the time of initiation, rather than those that were current when the test was taken.

AP Examination	AP Exam Score	Semester Credit Hours	UNT Dallas Course Equivalent
Composition and Literature			
English Language and Composition	4	3	ENGL 1310D
	5	6	ENGL 1310D, 1320
English Literature and Composition	4 or 5	3	ENGL 2210D
Fine Arts			
Art History	4 or 5	6	ART 2350, 2360
Music, Listening, and Literature	3, 4, or 5	3	MUMH 2040D
Studio Art - Drawing Portfolio	4 or 5	3	ART 1500
Studio Art - 2D Design	4 or 5	3	ART Elective; 1000 or 2000 Level
Studio Art - 3D Design	4 or 5	3	ART 1450
Languages			
Chinese Language	3	6	CHIN 1010, 1020
	4	9	CHIN 1010, 1020, 2040
	5	12	CHIN 1010, 1020, 2040, 2050
French Language	3	6	FREN 1010, 1020
	4	9	FREN 1010, 1020, 2040
	5	12	FREN 1010, 1020, 2040, 2050
German Language	3	6	GERM 1010, 1020

	4	11	GREM 1010, 1020, 2040
	5	12	GERM 1010, 1020, 2040, 2050
Italian Language	3	6	ITAL 1010, 1020
	4	9	ITAL 1010, 1020, 2040
	5	12	ITAL 1010, 1020, 2040, 2050
Japanese Language	3	6	JAPN 1010, 1020
	4	9	JAPN 1010, 1020, 2040
	5	12	JAPN 1010, 1020, 2040, 2050
Latin - Vergil	3	6	LATI 1010, 1020
	4	9	LATI 1010, 1020, 2040
	5	12	LATI 1010, 1020, 2040, 2050
Spanish Language	3	6	SPAN 1010D, 1020D
	4	9	SPAN 1010D, 1020D, 2040D
	5	12	SPAN 1010D, 1020D, 2040D, 2050D
Mathematics			
Calculus AB	3, 4, or 5	4	MATH 1710D
Calculus BC	3, 4, or 5	7	MATH 1710D, 1720D
Calculus AB Sub-score for the Calculus BC exam	3, 4, or 5	4	MATH 1710D
Statistics	3, 4, or 5	3	MATH 1680D
Natural and Computer Science			

Biology	3	6	BIOL 1112, 1122
	4 or 5	8	BIOL 1710D/1730D, 1720D/1740D
Chemistry	4	4	CHEM 1410D/1430D
	5	8	CHEM 1410D/1430D, 1420D,1440D
Computer Science A	4 or 5	4	CSCE 1030D
Computer Science B	4 or 5	7	CSCE 1030D, 1040D
Environmental Science	3, 4 or 5	3	BIOL 1132D
Physics B	4 or 5	8	PHYS 1410/1430, 1420/1440
Physics C (Electricity and magnetism)	4 or 5	4	PHYS 2220D/2240D
Physics C (Mechanics)	4 or 5	4	PHYS 1710D/1730D
Social Sciences and History			
Economics - macroeconomics	3, 4 or 5	3	ECON 1110D
Economics - microeconomics	3, 4 or 5	3	ECON 1100D
Government and Politics - Comparative	3, 4 or 5	3	Political science elective hours
Government and Politics - U.S.	3, 4 or 5	3	PSCI 1050D
History - European	3, 4 or 5	6	History elective hours
History - U.S.	3, 4 or 5	6	HIST 2610D, 2620D
History - World	3, 4 or 5	6	HIST 1050, 1060
Human Geography	3, 4 or 5	3	GEOG 1170
Psychology	4 or 5	3	PSYC 1630D

College-Level Examination Program (CLEP)

Credit by examination will be accepted when the student provides documentation of appropriate test scores on an official score report from the testing organization or high school transcript. Division Dean has the option to

apply CLEP credit to a student's degree plan. UNT Dallas does not grant credit on the basis of CLEP General Examination scores. A student may not earn examination credit for any failed courses.

Credit is certified but not necessarily applied to a degree if the student scores at or above the average scores of those students in the national norms sample who earn a C in regular college courses on the subject. UNT Dallas recognizes CLEP credit recommendations as posted on the official student score report.

CLEP Subject Examination	Maximum Semester Credit hours
Languages	
College French (two to four semesters)	8-14 hours
College German (two to four semesters)	8-14 hours
College Spanish (two to four semesters)	8-14 hours
Mathematics	
Calculus with Elementary Functions	6 hours
Pre-Calculus	5 hours
College Algebra	3 hours
Natural Science	
General Biology	6 hours
General Chemistry	6 hours
Social Science and History	
American Government	3 hours
History of the United States II	3 hours
History of the United States II	3 hours
Human Growth and Development	3 hours
Introduction to Educational Psychology	3 hours
Introductory Psychology	3 hours
Introductory Sociology	3 hours
Principles of Macroeconomics	3 hours
Principles of Microeconomics	3 hours
Western Civilization I	3 hours

Western Civilization II	3 hours
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International Baccalaureate (IB)

UNT Dallas awards a minimum of 24 semester credit hours if the IB program is complete and IB Diploma received, which requires a minimum score of 4 on all of the tests. If an IB program is completed but the diploma is not earned, college credit can be received by scoring 5, 6 or 7 on the higher level IB exams.

IB examination	Semester credit hours	UNT Dallas course equivalent
Arabic - Language B	14	LANG 1010, 1020, 2040, 2050
Art/Design	3	ART 2900, counts as lower-level elective
Biology	8	BIOL 1710/1730, 1720/1740
Chemistry	8	CHEM 1410/1430, 1420/1440
Chinese - Language B	14	LANG 1010, 1020, 2040, 2050
Computer Science/ Computing Studies	7	CSCE 1030, 1040
Dance	3	DANC 2800
Danish - Language B	14	LANG 1010, 1020, 2040, 2050
Dutch - Language B	14	LANG 1010, 1020, 2040, 2050
Economics	3	ECON 1100
English - A1	12	ENGL 1310, 1320, 2210, 2220
Environmental Systems	3	Elective credit
Film	3	Elective credit
French - Language B	14	FREN 1010, 1020, 2040, 2050
Geography	3	GEOG 1200
German - Language B	14	GERM 1010, 1020, 2040, 2050
Hebrew - Language B	14	LANG 1010, 1020, 2040, 2050
Hindi - Language B	14	LANG 1010, 1020, 2040, 2050
History	6	HIST 1060, HIST elective
History - Culture of the Islamic World	3	HIST elective
History of the Americas	3	HIST elective

Italian - Language B	14	ITAL 1010, 1020, 2040, 2050
Japanese -Language B	14	JAPN 1010, 1020, 2040, 2050
Management	3	MGMT elective
Mathematics	4	MATH 1710
Mathematic Studies	3	Elective credit
Music	3	Elective credit
Norwegian - Language B	14	LANG 1010, 1020, 2040, 2050
Physics	8	PHYS 1410/1430, 1420/1440
Portuguese	14	LANG 1010, 1020, 2040, 2050
Psychology	3	PSYC 1630
Russian - Language	14	RUSS 1010, 1020, 2040, 2050
Spanish - Language B	14	SPAN 1010, 1020, 2040, 2050
Swedish - Language B	14	LANG 1010, 1020, 2040, 2050
Theater Arts	3	Elective credit
Visual Arts	3	Visual Arts elective

SAT Subject Test

UNT Dallas does not grant college credit on the basis of The College Board SAT Subject Test scores.

Admission or Re-Enrollment as Related to Personal Conduct and Admission Falsification

It is the responsibility of the Director of Undergraduate Admissions to refer to the Division of Student Life any application for admission or re-enrollment that indicates possible ineligibility of *any* applicant on grounds involving personal conduct or admission falsification. The potential of the applicant to benefit from university attendance, as well as the welfare and safety of the student body and of the university, will be carefully considered before permission to enroll will be granted.

For more information about any topic in the Undergraduate Admission section, contact the Office of Undergraduate Admissions at admissions@untDallas.edu or (972) 780-3642.

Graduate Admissions

Graduate Degrees Offered at UNT Dallas

Master of Business Administration
 Master of Education in Educational Leadership
 Master of Education in Counseling

Master of Science in Counseling

Master of Education in Curriculum and Instruction

Master of Science in Public Leadership

Details on graduate degree requirements are listed in the academic section of this catalog.

Admission Application

The University of North Texas at Dallas is a selective university and does not guarantee admission of all applicants. It is recommended that students apply well in advance of the stated application deadlines. **Many departments have earlier deadlines that vary by program.** (See the departmental sections of this publication and the departmental web site for these program-specific dates.)

Applications are submitted online at www.applytexas.org. Application is made through the Office of Graduate Admissions.

Contact the UNT Dallas Office of Graduate Admissions for more information at 972-780-3642, 877-UNT-DALS, or by email at GradSchool@untdallas.edu.

Admission Application Fee

U.S. citizens and permanent resident aliens applying to graduate studies at University of North Texas at Dallas must pay a \$50 non-refundable admission application fee. The fee must be paid in U.S. dollars.

International Admissions

UNT Dallas welcomes applications from students seeking admissions who are non-U.S. citizens, have a pending or approved Permanent Resident Card (PRC), or those who qualify for a waiver under the guidelines of Texas HB 1403/SB 1528. UNT Dallas works with the UNT Toulouse Graduate School to process and admit international students. For additional information about the process and requirements contact UNT Dallas Office of Graduate Admissions.

Admission applications will not be processed until the application fee is received. Admission decisions will be made after all academic credentials are received and evaluated.

Contact the UNT Dallas Office of Graduate Admissions for more information at 972-780-3642, 877-UNT-DALS, or by e-mail at GradSchool@untdallas.edu.

Graduate Application Processing Deadlines

The following are deadlines for submission of completed application materials for all students seeking on-time registration *except* those applying for admission to programs with earlier deadlines (see departmental information).

Semester enrolled	Fall 2014	Spring 2015	Summer 2015	Fall 2015
Application processing deadlines	July 15, 2014	Nov. 15, 2014	May 1, 2015 May 15, 2015 June 15, 2015	July 15, 2015

Students who submit applications after these dates, if accepted, will have to register during the late registration period and pay a late registration fee. Admission deadlines are subject to change.

Requirements for Admission to UNT Dallas Graduate Studies

Applications for graduate study are made through the UNT Dallas Office of Graduate Admissions, regardless of degree program.

All applicants must meet the following requirements, whether or not admission to a specific degree program is sought:

1. The applicant must hold a bachelor's degree or its equivalent from a regionally accredited institution.
2. The GPA is calculated by dividing the total number of grade points earned by the total number of semester hours attempted (A equals four grade points, B equals three, C equals two, D equals one, F equals zero).
 - a. **Non-Degree and Teacher Certification/Endorsement-Only Students.** The applicant must have at least a 3.00 GPA on the last 60 undergraduate semester hours of work (or the whole semester closest to the last 60 hours) prior to receiving the bachelor's degree or a 2.80 GPA on all undergraduate work used to complete the bachelor's degree to receive unconditional admission to the university. Applicants who have already completed a master's degree must have at least a 3.40 GPA on the master's or meet the undergraduate GPA standards listed above to be admitted unconditionally.

Applicants with a GPA below 3.00 on the last 60 semester hours (or the whole semester closest to the last 60 hours) and with an overall undergraduate GPA below 2.80, or below 3.40 on a completed master's degree, are reviewed for provisional admission to graduate study.

Non-degree and certification-only students who meet the minimum GPA requirements for admission to graduate studies are not required to submit standardized admission test scores.

- b. **Degree-Seeking Students.** The applicant must have at least a 3.00 GPA on the last 60 undergraduate semester hours of work (or the whole semester closest to the last 60 hours) prior to receiving the bachelor's degree or a 2.80 GPA on all undergraduate work prior to the bachelor's degree to be considered for unconditional admission for master's study. Applicants who have already completed a master's degree must have at least a 3.40 master's degree GPA or meet the undergraduate GPA standards listed above to be admitted unconditionally for a second master's degree.

Students seeking admission to certain graduate degree programs are required to meet a standardized admission test score requirement. Some programs may require specialized sections of a standardized exam (e.g., the GRE writing test). Some programs require other materials (e.g., a writing sample, an interview, etc.). For the applicable standardized admission test and **any additional admission requirements**, contact the academic program.

- c. Requirements for admission to specific degree programs may differ from the minimum requirements for graduate admission. Specific requirements for admission to a degree program may be found in the appropriate departmental section of this catalog or the program web site.
Admission to graduate studies does not imply admission to a degree program at UNT Dallas.

Applicants with a GPA below 3.0 on the last 60 undergraduate semester hours (or the whole semester closest to the last 60 hours) prior to receiving the bachelor's degree, or an overall undergraduate GPA below 2.8, or below 3.4 on a completed master's degree, may apply to the Graduate School and be considered by individual review by the department for provisional admission.

3. Students seeking admission to certain graduate degree programs are required to meet a standardized admission test score requirement. Some programs may require specialized sections of a standardized exam (e.g., the GRE writing test). Some programs require other materials (e.g., a writing sample, an interview, etc.). For standardized admission test and additional admission requirements, contact the academic program.
4. The applicant may be required to take entrance examinations, either oral, written or both, before admission to the degree program is granted.
5. The university requires any applicant from a foreign country who is admitted to the university to demonstrate satisfactory proficiency in oral and written English prior to beginning course work. Prospective applicants should inquire at the nearest American Embassy, Consulate or Information Center to arrange for whatever language examination may be required.
6. To be considered for admission, the applicant should file the following official credentials with UNT Dallas Graduate Admissions:
 - complete official transcripts from all colleges or universities attended,
 - an application for admission to graduate studies (www.ApplyTexas.org),
 - official scores from the testing service on the required entrance test (see below for mailing address), and
 - the application fee.

The mailing address for the University of North Texas at Dallas is 7300 University Hills Boulevard, Dallas TX 75241-4605.

7. An applicant who has attempted graduate work at another institution within the six-year period immediately prior to first enrollment as a graduate student at UNT Dallas, but who has not received a graduate degree, will be required to make up any grade point deficiency below a B average either at the institution at which graduate work was attempted or at UNT Dallas. (See "Time Limitations" in the Master's Degree Requirements section for details concerning validity of previous graduate work.)
8. Applicants for admission are furnished written notification of their admission status by the UNT Dallas Office of Graduate Admissions. Statements by other university officers concerning the applicant's admissibility are not valid until confirmed in writing by the Office of Graduate Admissions.
9. Students who hold a bachelor's degree from a regionally accredited institution and who wish to pursue further study at the undergraduate level or to obtain a **second bachelor's degree** must apply for admission to the university through UNT Dallas Office of Graduate Admissions.

Other Admission Requirements

In addition to meeting the general requirements, applicants for admission to any specific degree program also must meet the following requirements.

1. The applicant for graduate study ordinarily must have completed no fewer than 24 semester hours of undergraduate work in the intended major field, 12 of which must be advanced. In certain fields this requirement has been modified. (Refer to departmental requirements.)
2. An applicant desiring to pursue graduate work in any field and whose undergraduate record does not show completion of the courses prerequisite to this major will be required to make up such deficiencies in a manner prescribed by the student's major department.
3. Students wishing to change from one major field to another must make application in the Office of Graduate Admissions and must meet all specific program admission requirements for the new major.

Required Standardized Admissions Test

Students seeking admission to certain graduate degree programs are required to meet a standardized admission test score requirement. Only official score reports from the testing service are acceptable. For specific advanced test requirements in certain fields, consult subsequent sections of this catalog that describe individual programs.

For master's degree seeking students, a standardized admission test score must be submitted or the alternative criteria satisfied no later than the first term/semester of enrollment in a graduate degree program. Some departments require the submission of scores prior to admission and beginning course work. Check the appropriate department section of this catalog for further information.

Until the admission test requirement is met or the alternative criteria satisfied, the graduate student may be granted provisional admission only. If the test requirement is not met by the end of the first term/semester of enrollment, provisional admission will be canceled and the student will be limited to taking undergraduate courses for undergraduate credit only for one term/semester after their provisional term/semester. The student will not be allowed to register for any courses in subsequent terms/semesters until the admission test requirement is satisfied. The student can be reinstated to graduate study and to full admission status to the graduate degree program when the test requirement for admission to the degree program has been met.

The following procedures govern provisionally admitted students who have not taken the appropriate standardized test.

- Students provisionally admitted to a degree program in the fall, spring, or summer term/semester without the standardized test scores must submit acceptable test scores prior to the completion of their first term/semester of enrollment. Early registration for subsequent terms/semesters will not be permitted if standardized test scores are not received from the appropriate testing service prior to early registration or the alternative criteria are not satisfied. Regular registration for subsequent terms/semesters also will not be permitted unless the standardized test provision is met.
- In no case may students who have not met the standardized admission test requirement or alternative criteria (a) be admitted to candidacy for any degree, (b) file application to receive such degree, (c) be permitted to enroll in such courses as thesis, dissertation, problem in lieu of thesis, internship, practicum, etc., (d) change their major to another degree program, or (e) submit an application for a concurrent program. Students may experience a loss of financial eligibility if they fail to satisfy their provisional admission and elect to register for undergraduate course work for a semester.

Admission of Continuing Students

Continuing students are those who have been officially enrolled at UNT Dallas at least once during the 12 consecutive months **prior** to the term/semester of planned enrollment and/or have not received a degree during the same period. Students who receive a degree and reapply to the university are considered new graduate students.

Continuing students do not need to reapply to UNT Dallas to enroll in graduate studies if they meet all of the following conditions:

- have not received a degree from UNT Dallas since last enrollment
- will re-enroll in the same major as when last enrolled, and
- do not have any current holds on their record (i.e., admission test or academic).

Students meeting *all* of these conditions are eligible for web registration during early registration or regular registration. Instructions are available in the schedule of classes at <http://www.untDallas.edu/registrar>.

Students who are unsure about whether they meet all of the above conditions for re-enrollment should contact the UNT Dallas Office of Graduate Admissions prior to the registration period for further information.

Readmission of Graduate Students

Students who have previously been admitted to graduate studies at UNT Dallas but who have not enrolled at UNT Dallas at least once during the 12 consecutive months prior to the term/semester of planned enrollment must follow these re-enrollment procedures:

- file an admission application,
- pay the application fee (if applicable), and
- submit transcripts from all colleges attended (if any) since leaving UNT Dallas, showing eligibility to re-enroll at each institution.

Former students who have not enrolled elsewhere since leaving UNT Dallas and who are in good academic standing are required to submit an admission application and application fee (if applicable). Programs are not required to readmit students who left the university on probation or suspension and reapply

Preliminary Admission of Seniors to Graduate Study

Seniors within one year of graduation may apply to the graduate school for permission to take courses to be applied toward the master's degree, provided that at the time of application they appear to be eligible for admission to graduate studies at UNT Dallas and that the specific courses are approved by the school in advance of registration. A student in this status may not enroll for a load exceeding the maximum permitted for graduate students.

Note: students admitted to graduate study prior to completion of the bachelor's degree and who are receiving financial aid should check with the financial aid office to prevent disruption of aid.

Requirements for a Second Bachelor's Degree

Students who wish to obtain a second bachelor's degree must hold a bachelor's degree from a regionally accredited U.S. institution or an equivalent credential from a foreign institution recognized by UNT's Toulouse Graduate School.

To be eligible to receive a second bachelor's degree, the student must meet all of the current requirements for the second bachelor's degree, including 12 hours of advanced courses in a field different from the major of the first bachelor's degree. Specific requirements for the second bachelor's degree are found in the current undergraduate catalog. Advising is provided by the UNT Dallas' undergraduate academic advisors in coordination with the division in which the second bachelor's degree is sought.

Admission to Non-Degree Status

The university recognizes that some students may wish to be admitted to graduate studies at UNT Dallas for the purpose of taking courses not necessarily leading to an advanced degree (i.e., prerequisites for admission to a degree program). Admission to UNT Dallas will be granted subject to the following provisions.

1. The applicant must meet all of the *general* admission requirements described previously.
2. The student in this status is required to receive *graduate* credit in all graduate (5000- and 6000- level) courses taken, and must maintain an average of B on all such courses attempted. Non-degree students are entitled to enroll in any graduate-level class that is not restricted.
3. A student admitted to non-degree or certification-only status has no assurance that work completed under this status will be applicable toward degree requirements should he or she subsequently be admitted to a degree program at UNT Dallas. **A maximum of 12 semester hours earned prior to admission to a degree program may be counted toward degree requirements. Successful completion of graduate courses by non-degree or certification-only students does not obligate the university to grant admission to a degree program at a later date.** When all general and specific requirements for admission to a degree program have been met, a student may request that a change of major application be forwarded to the degree program area for evaluation.
4. A student who wishes to change from non-degree or certification-only status to degree-seeking status should review the admission requirements for students who change majors in the Undergraduate and Graduate Catalog.
5. International students are not eligible to apply for admission to non-degree status.

6. Enrollment for graduate credit in courses in the Division of Business and Public Leadership or the Division of Education and Human Services (Master of Education program) must be approved in advance of registration by the respective dean and is limited to 12 hours.

Admission Requirements for Students Who Change Major

For students who wish to change from one major to another major at UNT Dallas, a change of major form must be filed in UNT Dallas Office of Graduate Admissions. The request will only be considered if the student is in good standing and has fulfilled the standardized admission test requirement for the program. Students not in good standing or without standardized admission test results may only request a change of major with support of the new major department. The applicant will go through the same admission process as any new student applying for admission to a UNT Dallas graduate program. The student's file will be sent for consideration to the graduate program coordinator in the proposed major.

Conditional Admission of Students with Low Grade Point Average

For students who wish to pursue a graduate-level degree at UNT Dallas but who do not meet the grade point average (GPA) entrance requirements, the following regulations apply.

1. The student can complete 3000- or 4000-level courses for undergraduate credit beyond the bachelor's degree to demonstrate the ability to undertake graduate-level work. The total hours required and specific courses are chosen in consultation with the graduate program coordinator of the intended major department and approved by the Office of Graduate Admissions. A grade of A or B is required in each course. Courses taken at another institution will only be included in exceptional cases with the approval of the intended major department and the Director of Graduate Admissions. Courses taken to qualify for admission cannot be used to fulfill graduate degree requirements.
2. Completion of a prescribed leveling program does not imply admission to a degree program or eligibility for certification programs at UNT Dallas. It is the responsibility of the student to determine, in consultation with the program, if the leveling program will help the student reach the goal of program admission. **To maximize the benefit to the student, this determination should be made prior to enrolling.**
3. The student must satisfy the standardized admission test requirement specified by the intended major department **prior** to being admitted to a graduate degree program and beginning graduate-level work.

Academic Fresh Start (Graduate Students)

For students who were admitted to a Texas public university under the Academic Fresh Start law, earned a baccalaureate degree, and desire to apply for admission to a postgraduate or professional program, the Office of Graduate Admissions will consider only the grade point average of the applicant that was completed after enrollment under this law, along with the other standard admissions criteria detailed in this catalog.

Tuition, Expenses, and Financial Aid

Tuition and Mandatory Fees

(Fees are Subject to Change)

Tuition and fee rates are set by the UNT System Board of Regents in accordance with provision of Texas statutes. Tuition and fees are subject to change without notice by action of the Texas Legislature and/or the UNT System Board

of Regents. A schedule of Tuition and Fees is included at the end of this section. Please visit the Student Financial Services web site at: <http://www.untdallas.edu/sfs> for the most current tuition and fee rates.

Payment of Tuition and Fees

Students are expected to pay tuition and fees at the time of registration, have an approved financial aid program arranged by the Student Financial Aid and Scholarships Office prior to registration, or pay by installments. A student who fails to make payment of tuition and fees, including any incidental fees, by the due date may be prohibited from registering for classes until full payment is made. A student who fails to make full payment prior to the end of the term/semester may be denied credit for the work done that term/semester. Any delinquent balances, including late fees, are subject to all collection efforts allowed by law.

State law does not permit the University to extend credit; bills must be paid when due. Check and credit card payments are accepted online at my.unt.edu. Checks paid in person must be made payable to the University of North Texas at Dallas for the exact amount to be paid.

Checks on which money must be advanced and postdated checks are not accepted.

Personal checks are accepted for tuition and other fees.

Payment Methods for Tuition and Fees

Credit card payments (MasterCard, Visa, American Express and Discover) and check payments may be made through self-service at my.unt.edu. Tuition and fee payments also may be made by personal check, money order, cashier's check, or cash at Student Financial Services at UNT Dallas. Student Financial Services requires the student identification number to be recorded on all check and money order payments made in person.

Bills are not mailed for registration. Account balances and schedule information may be obtained through self-service at my.unt.edu.

Cash Payments

Cash payments are accepted only at Student Financial Services at UNT Dallas. Please do not mail cash payments to UNT Dallas.

Option to Pay Tuition by Installment

UNT Dallas provides for the payment of tuition and fees during the fall and spring terms/semesters through the following alternatives:

1. full payment of tuition and fees upon registration or by the payment deadline for early registration; or
2. selection of the installment plan. By selecting the installment plan, the student understands that it is a contractual agreement and agrees to make the installment payments by the due dates indicated.

Tuition and fees must be paid in full for each summer term upon registration or by the payment deadline for early registration. Tuition payment by installment is not offered during the summer.

The Texas Legislature has the authority to modify or eliminate installment payment of tuition at each regular or called legislative session.

Student Financial Obligation Agreement

Students who select to pay tuition and fees by installment plan will be required to enter into a written agreement reflecting the terms and conditions of the plan.

Non-Refundable Fee for Tuition by Installment

A \$20.00 non-refundable handling fee will be charged to the student's account each semester the installment plan is selected. Students who choose the installment plan option recognize they are in a contractual relationship and accept the terms of the installment plan contract. See the online Schedule of Classes at <http://www.untdallas.edu/sfs/payment> for procedures and policies concerning installment payment of tuition.

Residency Regulations for Tuition Purposes

Rules and regulations for determining residence status are specified under Title 3 Section 54.052 of the Texas Education Code and are available at the Texas Higher Education Coordinating Board, College For All Texans web site at www.collegeforalltexans.com. In general, students must domicile and physically reside in Texas for the 12-month period immediately preceding their initial registration in an educational institution in Texas. Other factors may be considered for residency determination for tuition.

Students who are not legal residents of Texas must pay nonresident tuition, including the statutory tuition charges and standard university fees approved by the Board of Regents. Admission requirements for nonresidents are the same as for resident students.

Certain residency exceptions do not affect actual residency status but do allow for a nonresident tuition exemption. Refer to "Tuition and Fee Waivers" in this policy for further information.

Student Responsibility for Residence Classification

The student is responsible for registering under the proper residence classification. It is the student's responsibility to discuss any questions concerning residence with the proper authority in the Office of Admissions and/or the Office of the Registrar at or before registration.

Any student erroneously classified as a resident will be reclassified and required to pay all out-of-state tuition due. Attempts to evade nonresident fees may subject the student to the statute penalty and possible disciplinary action under the University's Student Rights, Responsibilities, and Conduct Policy (7.001).

Students who believe they have been erroneously classified have the opportunity for appeal. The appeal is to be made to the authority by whom the original classification was assigned, either in the Office of Admissions or Office of the Registrar.

Change of Status from Nonresident to Resident

A student who is at any time classified as a nonresident retains nonresident status until reclassification as a resident is applied for and officially approved by the Registrar.

Change of Status from Resident to Nonresident

Students who are classified as residents but become nonresidents by virtue of any change of domicile must notify the Registrar of such change immediately. Students who believe they have been erroneously classified have the opportunity for appeal. The appeal is to be made to the authority by whom the original classification was assigned, either in the Office of Admissions or Office of the Registrar.

Undergraduate Semester Credit Hour Limit

Tuition for Repeated or Excessive Undergraduate Hours

(Fees are Subject to Change)

In accordance with Texas Education Code 54.014, all resident students enrolling for the first time at a state institution of higher education in Texas will be subject to paying non-resident tuition rates for excessive undergraduate credit hours. Undergraduate students who attempt 30 or more semester credit hours beyond the minimum number of hours required for completion of their degree program will be charged additional tuition amounts. For students with undeclared majors, their degree plan is normally 120 hours.

Undergraduate students who enrolled initially in the 1999 fall semesters or subsequent semesters will be charged additional tuition charges when the number of hours required for completion of the degree plan in which they are enrolled exceeds more than 45 hours. Hours attempted by students who initially enrolled as undergraduates prior to the 1999 fall semester are exempt.

Undergraduate students who enroll initially in the 2006 fall semester of subsequent semesters will be charged additional tuition charges when the number of hours required for completion of the degree plan in which they are enrolled exceeds 30 hours.

The following credit hours count toward the excessive hour calculation:

- Hours earned in courses in which a grade is earned on the transcript;
- Courses dropped with a grade of "W," or "WF."

The following credit hours **do not** count toward the limit:

- Credit hours earned after a baccalaureate degree;
- Credit hours earned through examination, (AP or CLEP);
- Credit from remedial and development courses;
- Credit hours taken at a private institution or an out-of-state institution.

Please refer to essc.unt.edu/registrar/Excesshours.htm for specific information.

Repeated Undergraduate Hours

Undergraduate students who enroll in certain courses more than twice will be charged additional tuition amounts. Please refer to essc.unt.edu/registrar/Repeated_Courses.htm for specific information.

Students are encouraged to seek academic advisement throughout their college career, to minimize the number of excessive undergraduate hours and avoid the higher tuition rates. Students with excessive hours are encouraged to contact their academic advisor to review their degree plan and ensure that it is complete, accurate, and to verify the hours required for completion.

Graduate Tuition Rates

(Fees are Subject to Change)

The UNT System Board of Regents has been granted the authority, within established guidelines, to set graduate tuition rates by program. Graduate tuition for all graduate-level courses (5000- and 6000-level courses) at UNT Dallas is \$50 per hour above the undergraduate rate.

Explanation of Fees

(Fees are subject to change. Visit the Student Financial Services web site: <http://www.untDallas.edu/sfs> for current fees).

Student Services Fees

A student services fee of \$10 per hour, except that to encourage timely graduation this fee will be charged at the rate of 15 credit hours when a student enrolls in 12 or more credit hours, capped at \$150 per long semester.

Admission Application Fee

All Undergraduate applicants new to UNT Dallas must pay a \$40 non-refundable application fee. The fee must be paid in U.S. dollars. If paying the application fee creates a financial hardship, the following fee waiver options are available:

Freshmen

- ACT waiver
- SAT waiver
- Attend UNT Dallas "True Blue" preview event

Transfer

- Attend Transfer Informational Session (First Friday and Transfer Monday)

Credit by Exam Fee

UNT Dallas awards undergraduate college credit on the basis of local and national examinations, subject to general limitations. Examinations are offered by several UNT Dallas departments. A \$53.00 fee is collected from those students who take credit by examination at UNT Dallas.

Tuition and Fee Policies

Students must purchase their own textbooks and supplies.

Fees charged for late registration, duplication of records, graduation and regalia, late filing for graduation and miscellaneous items are noted at www.unt.edu/tuition.

Full-Time Tuition Rate Information

At UNT Dallas, full-time undergraduate students pay the same amount for university tuition and fees in a fall or spring semester regardless of how many hours they take. Students are considered full-time once they register for 12 hours or more. More information is available at <http://www.untdallas.edu/sfs>.

Tuition and Fee Waivers and Exemptions

Several exemptions and waivers are available to qualifying students. Brief descriptions of these are listed below. Waiver refunds must be requested during the term/semester application is made. Such requests must be made prior to the 12th class day in long terms/semesters, the 4th class day in the summer sessions (except 3W1), 2nd class day in 3W1. Requests for retroactive refunds are not honored. Information regarding waivers and exemptions is available at Student Financial Services or at www.unt.edu/tuition. Posted waivers are subject to post audit and correction.

Exemptions

1. Certain Texas veterans and dependents of deceased Texas veterans of the Armed Forces of the United States are exempted from payment of tuition. State application and other documents required. This exemption pays all tuition and fees except for the Student Service Fee and Property Deposit. The student must pay the Student Service Fee each term/semester.
2. Certain orphans of members of the Armed Forces, Texas National Guard and Texas Air National Guard are exempted from payment of tuition. Documentation required. This exemption pays all tuition and fees.
3. Certain students from other nations of the American hemisphere are exempted from payment of tuition. This waiver waives out-of-state tuition. The student pays in-state tuition rates.
4. Deaf or blind Texas residents are exempted from payment of tuition. Official letter required. This exemption pays all tuition and fees.
5. Certain disabled peace officers are exempted from payment of tuition and fees. Official letter required. This exemption pays all tuition and fees.
6. Children of disabled or deceased firemen, peace officers, employees of the Texas Department of Corrections and game wardens are exempted from the payment of tuition. Official letter required. This exemption pays all tuition and fees.
7. Children of U.S. prisoners of war or persons missing in action are granted exemption of tuition. Documentation required. This exemption pays all tuition and fees.
8. Certain university fees are waived for students enrolled only in courses designated as off-campus or internships. Students enrolled in all classes that are held off-campus automatically receive the off-campus waiver that waives the Student Union Fee, Medical Service Fee, Transportation Fee, Student Recreational Center Fee and Property Deposit.
9. Highest ranking graduates (valedictorians) of accredited Texas high schools are exempted from payment of tuition for the first two long semesters after graduation from high school. Student must pay mandatory fees and course fees. Official letter and UNT Dallas application required. This exempts the student from paying tuition.
10. Certain Texas residents who are or have been in foster care or other residential care are exempted from the payment of tuition and mandatory fees. Copy of official letter required. This exemption pays all tuition and fees.
11. Certain Texas residents who have received financial assistance under Ch. 31 of the Human Resources Code (AFDC) qualify for a resident tuition and fee waiver for one year. Official letter and UNT Dallas application required. This exemption pays all tuition and fees.
12. Students 65 years of age or older are exempt from paying tuition and graduate tuition up to 6 credit hours each semester. Students must pay mandatory fees and course fees. UNT Dallas application and copy of driver's license required. This exempts the student from paying tuition up to 6 hours each semester.

13. Certain Texas residents who have been adopted and were formerly in foster or other residential care are exempted from the payment of tuition and mandatory fees. Copy of official letter required. This exemption pays all tuition and fees.
14. Certain paid firefighters and police employed in the State of Texas may be exempted from payment of tuition and fees for designated degree programs.
15. Certain clinical preceptors and their children are exempted from payment of up to \$500 in tuition per semester. Completed application and current documentation required. This exemption pays up to \$500 in tuition each semester for a total of ten semesters.
16. Certain children/stepchildren of the U.S. Armed Forces deployed to active duty in a combat zone outside of the United States may qualify for exemption of tuition only. Deployment documentation must be provided to Student Financial Services.

Waivers

1. Resident rather than non-resident tuition is applied to out-of-state students enrolled through the Academic Common Market Program. This waiver waives out-of-state tuition. The student pays in-state tuition rates.
2. Resident rather than non-resident tuition is applied to U.S. military personnel, their spouses and dependents if they meet designated criteria. (Certificate must be approved by the Registrar prior to registration.) Form submitted by the Registrar's office. This waiver waives out-of-state tuition. The student pays in-state tuition rates.
3. Resident rather than non-resident tuition is applied to teachers and professors of Texas state institutions of higher education, their spouses and children. Requires official application approved by hiring department. This waiver waives out-of-state tuition. The student pays in-state tuition rates.
4. Resident rather than non-resident tuition is applied to a teaching or research assistant provided the student is employed at least one-half time by UNT Dallas in a position that relates to the degree sought. Requires official application approved by hiring department. This waiver waives out-of-state tuition. The student pays in-state tuition rates.
5. Resident rather than non-resident tuition is applied to a non-resident holding a UNT Dallas competitive scholarship of at least \$1,000.00 for the academic year or summer for which the student is enrolled. Requires official approval from the department awarding the scholarship. This waiver waives out-of-state tuition. The student pays in-state tuition rates.
6. Resident rather than non-resident tuition is applied to individuals and dependents relocating to Texas as part of the program of state economic development and diversification. A list of companies participating in the Economic Diversification Program can be found at www.collegeforalltexas.com/apps/financialaid/EcoDevDiv.cfm. This waiver waives out-of-state tuition. The student pays in-state tuition rates.

Tuition and Fee Refunds

A student who drops a course or withdraws from the university within certain time periods may be entitled to a partial refund of tuition and fees. These refunds are calculated according to the category and time schedule listed below. Refund periods and rates are subject to change by the state legislature. Delinquent payment fees, late registration charges, publication fees and installment handling fees are non-refundable. Any financial obligation to UNT Dallas must be resolved before any refunds will be made.

Class Drop Refunds

Refunds are made for any course dropped through the 12th class day for the long semester. Corresponding dates are set for summer terms/sessions. See the Academic Calendar at <http://dallas.unt.edu/registrar> for specific dates. The semester's first class day is always the first official university day of classes and not the first day of an individual's

class. Refunds for dropped classes are processed after the mid-semester. **Note:** If all classes for the semester are dropped, see "Schedule of Withdrawal Refunds" in this section.

Students applying for financial aid are required to notify Student Financial Aid and Scholarships before dropping any class to learn how it will affect current or future financial aid eligibility. Contact Financial Aid at dallas.financialaid@unt.edu.

Withdrawal From the University

Withdrawal refunds are determined by the number of enrolled semester credit hours at the time of withdrawal. Withdrawal percentages are applied to the total amount of tuition and fees as prescribed by state law, not the amount paid. The withdrawal schedule and percentages of refund shown below pertain to total withdrawal from the term/semester and are mandated by the state legislature. The term/semester's first class day is always the first official university day of classes and not the first day the individual attends class. A withdrawal refund is based on the day of withdrawal, regardless of the date the class first meets.

Additional information may be found at <http://www.untdallas.edu/sfs/paymref> or by contacting Student Financial Services.

The withdrawal schedule and percentage of a pro-rata refund pertain to total withdrawal from the term/semester and are mandated by federal law. Please contact Student Financial Aid and Scholarships regarding pro-rata refund schedules and percentages.

Schedule of Withdrawal Refunds, 2014 - 2015

Withdrawal Dates Percent of Refund (less non-refundable fees*)

*Note: Some fees are non-refundable. <http://www.untdallas.edu/sfs/paymref>

Delinquent payment fees, late registration charges, publication fees and installment handling fee are non-refundable.

Students Called to Active Duty

Texas Education Code 54.006 (f) indicates, "Beginning with the summer semester of 1990, if a student withdraws from an institution of higher education because the student is called to active military service, the institution, at the student's option, shall: (1) refund the tuition and fees paid by the student for the semester in which the student withdraws; (2) grant a student, who is eligible under the institution's guidelines, an incomplete grade in all courses by designating 'withdrawn-military' on the student's transcript; or (3) as determined by the instructor, assign an appropriate final grade or credit to a student who has satisfactorily completed a substantial amount of course work and who has demonstrated sufficient mastery of the course material."

In order to be eligible for options under this law, a UNT Dallas student must produce a copy of his or her orders. Withdrawal may or may not require that the student talk with each instructor depending on timing in the semester; however, the latter two options do require that the student talk with his or her instructors and come to a decision as to which solution is best for each class given timing and circumstances. A student called to active duty may consider the following options:

1. Withdrawal with a full refund of appropriate tuition/fees;

2. Incomplete grades with the one-year I (Incomplete) removal time limit starting with the end of active duty; and/or
3. A final grade if the course is essentially over and the course material has been sufficiently mastered (determined by the instructor).

Tuition Rebates for Certain Undergraduates

Section 54.0065 of the Texas Education Code provides up to a \$1,000 tuition rebate to resident undergraduate students. To be eligible for a rebate under this program, a student must:

1. Have enrolled for the first time in an institution of higher education in the Fall 1997 semester or later;
2. Request a rebate for course work related to a first baccalaureate degree received from a general academic teaching institution;
3. Have been a resident of Texas and have been entitled to pay resident tuition at all times while pursuing the degree;
4. If enrolled for the first time in Fall 2005 or later, graduate within four calendar years for a four-year degree or within five calendar years for a five-year degree if the degree is in a program determined by the Texas Higher Education Coordinating Board to require more than four years to complete; and
5. Have attempted no more than 3 hours in excess of the minimum number of semester credit hours required to complete the degree under the catalog under which the student will graduate.

Hours attempted include transfer credits, course credit earned exclusively by examination (except that, for the purpose of this program, only the number of semester credit hours earned exclusively by examination in excess of 9 semester credit hours is treated as hours attempted), courses dropped after the official census date, for-credit developmental courses, optional internship and cooperative education courses and repeated courses. Courses dropped for reasons that are determined by the institution to be totally beyond the control of the student shall not be counted.

For students concurrently earning a baccalaureate degree and a Texas teaching certificate, required teacher education courses shall not be counted to the extent that they are over and above the free electives allowed in the baccalaureate degree program.

Any student with more than 3 hours of F, W, WF, NP or I is ineligible to receive the \$1,000 tuition rebate.

Effective for students who enroll for the first time in Fall 2005 or later, an otherwise eligible student may be eligible for a tuition rebate without satisfying the requirements of item 4 above if the student is awarded a baccalaureate degree and the institution determines that the student's failure to comply was caused by a demonstrated hardship condition.

For additional information concerning tuition rebates, contact the Office of the Registrar or your academic advisor.

Correction of Errors

Students are responsible for any additional amounts due UNT Dallas resulting from auditing and correction of records after registration fees have been paid including all registration assessment errors, change from off-campus to on-campus classes, invalid employment waivers, etc.

Payments by Third Party

Checks issued by a third party in payment of a student's tuition, fees or other charges made by UNT Dallas should be made payable to UNT Dallas. The student's name and/or student ID number should be included on the payment.

Returned Checks

A returned check is defined as any check, similar sight order or electronic bank draft returned to the university unpaid due to no fault of the bank or the university.

Upon receipt of a returned check, notification is mailed to the issuing party or the individual in whose behalf the check was issued. The address on the check and/or the address in the official university records is used. The check is payable on or before 10 working days from the date of the notice. Only cash, cashier's check or money order is accepted for payment of the returned check and service charge (\$25 per check).

A student may be withdrawn immediately from the university if payment is not made within the stated time period. DO NOT, however, stop attending classes unless you receive official notification of your withdrawal. Notification of withdrawal is made to the address on the check and/or the address in the official university records.

Check-issuing privileges are suspended while any returned check and/or service charge are outstanding.

If the university receives three or more returned checks during an academic year, the check-issuing privileges of the individual are revoked.

If all attempts to collect a returned check have failed, civil or criminal legal action may be taken in accordance with Texas state law (Sections 31.06 and 32.41 of the Texas Penal Code).

Stop-Payment on Tuition Checks

A student who has not already done so will be withdrawn from UNT Dallas on the date the returned stop-payment check is received by UNT Dallas. A returned check service charge (\$25 per check) will be assessed. Tuition refund charges are based on normal refund policy.

If a student wishes to be withdrawn, the Office of the Registrar should always be contacted as soon as possible.

Purchase of Textbooks

A student of UNT Dallas is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an on-line retailer (Texas Education Code 51.9705).

Financial Aid

UNT Dallas provides several methods of assisting students in financing their education. Financial assistance (financial aid) awarded through UNT Dallas may include a combination of federal grants, scholarships, state aid programs, loans, and/or part-time work-study opportunities for those who qualify. The different types of financial aid available to UNT Dallas students are explained later in this section.

Applications and complete descriptions of all programs, requirements and qualifications are available at Student Services Desk, UNT Dallas. You may also call 972-780-3662.

Application Period and Deadlines

The application period begins January 1 of each year for the following academic year (fall, spring, summer). The Free Application for Federal Student Aid (FAFSA) or Renewal Application is available each January for the upcoming academic year and should be completed as early as possible. Students are encouraged to apply online at www.fafsa.gov. Students whose application files are completed by the priority dates are ensured first consideration for

awards. Application data is received electronically from the Central Processing System (Federal Student Aid Programs) through which applications are processed. It includes the data from the FAFSA or Renewal Application. The application data must reach our office before a file can be processed.

UNT Dallas' Priority Dates

- Fall/spring term/semester: March 1
- Spring term/semester only: August 15
- Summer term: February 15

A separate UNT Dallas summer application must be completed for summer financial aid. This application is available online (my.unt.edu) in February for the following summer term. The FAFSA for the year preceding the summer is also required.

General Eligibility Requirements

Before any assistance is granted (Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Work-Study, or loans from the Federal Stafford Loan Program), general eligibility and program requirements must be met. To be eligible for financial aid you must:

1. establish eligibility by completing and filing the Free Application for Federal Student Aid (FAFSA) or Renewal Application;
2. not be in default on any Title IV loan (Federal Perkins or Federal Stafford), or owe a refund or repayment on educational funds received at any institution;
3. be a U.S. citizen or eligible noncitizen;
4. be registered with the Selective Service if you are a male at least 18 years old born after December 31, 1959 (most males between the ages of 18 and 25, including permanent residents and other eligible noncitizens, are required to register with Selective Service);
5. enroll in and maintain at least a half-time class load for most programs;
6. use all funds received through financial aid for educational purposes;
7. be accepted for admission by the university and enrolled in a degree program;
8. be making satisfactory academic progress;
9. have a valid Social Security Number; and
10. have a high school diploma or a GED (general equivalency diploma).

Note: Transient students and summer visiting students are not eligible for financial aid.

Special Conditions for Financial Aid Applicants

1. Students who withdraw from all classes must first go to the UNT Dallas Office of the Registrar, and then proceed to Student Financial Aid and Scholarships for official clearance before leaving the University.
2. Refunds and Repayments. If you officially withdraw, cease attendance, or are administratively withdrawn from UNT Dallas, any refund of tuition and fees and other university charges will be assessed for return to programs from which you (or your parents if they received a Federal Parent Loan) were originally paid. An additional "repayment" calculation will be performed to determine if you must repay a portion of the assistance paid directly to you for living expenses.

Student Financial Aid and Scholarships personnel will apply the federally mandated formula for the return of financial aid funds. Funds will be returned to the programs from which the money was paid to you in the following order:

- Direct Loan Program

- Direct Parent Loan Program (PLUS)
- Federal Pell Grant Program
- Federal Supplemental Educational Opportunity Grant Program
- Other Title IV Programs
- Other Federal, State, Private or Institutional Student Aid

In addition, it is possible you will owe a repayment of unearned financial aid funds if you cease enrollment prior to the 60 percent completion point of any enrollment period for which you received financial aid funds. The completion point is based on the total number of class days in an enrollment period.

3. Official transcripts are not issued to any student who has an unpaid account or owes a defaulted federal student loan received from any university.
4. Federal and state regulations require that each student must maintain satisfactory academic progress (SAP) to be eligible for financial aid programs. Minimum standards must be achieved by the end of any given enrollment period at UNT Dallas. Satisfactory academic progress (SAP) is defined in both quantitative and qualitative measures. The quantitative measure requires an undergraduate to:
 - a. complete all course degree requirements within a maximum of 180 semester credit hours of enrollment; and
 - b. complete a minimum number of hours by the end of each academic year based on each student's registered hours.

Using the following chart to determine the number of hours that must be completed, the student should locate the total number of registered hours. The student must then complete, pass and earn credit in the number of hours listed below.

Hours Required	
Number of current registered hours	Minimum number of current earned hours and pass/no pass hours
1	1
2	2
3-5	3
6-11	6
12-15	9
16-19	12
20-23	15
24+	18

Classification		
Status	Undergraduate Fall/Spring	Undergraduate Summer
Full-time	(12 or more hours)	12 or more hours
3/4-time	(9-11 hours)	9-11 hours

1/2-time	(6-8 hours)	6-8 hours
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All academic requirements are effective whether or not financial aid has ever been applied for or received. For students not meeting satisfactory academic progress (SAP) at the end of an enrollment period, the academic progress will be reevaluated at the end of the next term/semester attended at UNT Dallas to determine student eligibility for financial aid.

The qualitative measure requires an undergraduate to maintain the minimum cumulative UNT Dallas grade point average of 2.0.

Students in an academic program under the undergraduate career (major or concentration) are required to enroll in at least 6 undergraduate hours per term to be considered for financial aid.

Financial aid recipients must notify Student Financial Aid and Scholarships before dropping courses or withdrawing from the university. Current award year or future aid eligibility may be affected. Enrollment hours for loan deferment and financial aid eligibility may differ from those published in this catalog. Also see "Enrollment Certification" in the Enrollment section of this catalog.

If students receive all failing grades (any combination of F's, WF's and NP's), attendance in all classes will be reviewed. If attendance cannot be confirmed via official UNT Dallas Registrar records, Student Financial Aid and Scholarships personnel will apply the federally mandated calculation for the return of financial aid funds. Unearned Title IV funds (aid) will be returned to the programs from which the money was paid to the student (or the student's parent) and it possible that the student will owe a repayment to the university.

Additional and specific financial aid and scholarship information is available at <http://dallas.unt.edu/financial-aid>.

Consumer Information for Return of Title IV

Return of Title IV, Higher Education Act (HEA) Policy

When a student applies for financial aid, the student agrees that financial aid funds will be used for educational purposes only. Therefore, if a student withdraws before completing their program, a portion of the funds received may have to be returned. UNT Dallas will calculate the amount of financial aid to be returned to the Title IV programs according to the policies listed below.

Return of Title IV Policy

This policy applies to students who officially withdraw official, unofficially withdraw, fail to return from a leave of absence, or are dismissed from enrollment at UNT Dallas. It is separate and distinct from the UNT Dallas credit balance refund policy.

The calculated amount of the Return of Title IV (R2T4) funds that are required for the students affected by this policy are determined according to the following definitions and procedures as prescribed by regulations.

The amount of Title IV (federal) aid earned is based on the amount of time a student spent in academic attendance and the total aid received; it has no relationship to student's incurred institutional charges. Because these requirements deal only with Title IV funds, the order of return of unearned funds do not include funds from sources other than the Title IV programs.

Title IV funds are awarded to the student under the assumption that he/she will attend school for the entire period for which the aid is awarded. When a student withdraws, he/she may no longer be eligible for the full amount of Title IV

funds that were originally scheduled to be received. Therefore, the amount of Federal funds earned must be determined. If the amount disbursed is greater than the amount earned, unearned funds must be returned.

The institution has 45 days from the date that the institution determines that the student withdrew to return all unearned funds for which it is responsible. The school is required to notify the student if they owe a repayment via written notice.

Eligibility for post withdraw disbursements will be confirmed within 30 days of the date that the student withdrew. The school must advise the student or parent that they have 14 calendar days from the date that the school sent the post withdraw disbursement notification to accept a post withdraw disbursement. If a response is not received from the student or parent within the allowed time frame or the student declines the funds, the school will return any earned funds that the school is holding to the Title IV programs.

Official Withdrawal from UNT

A student is considered to be officially withdrawn on:

1. The date the student provided official notification of intent to withdraw, in writing or orally; or
2. The date the student began the withdrawal from UNT Dallas records. A student is allowed to rescind his notification in writing to the Dean of Students Office and continue the program. If the student subsequently drops, the student's withdrawal date is the original date of notification of intent to withdraw.

Official dates and deadlines for withdrawing are specified in the UNT Dallas Annual Academic Calendar.

A student may withdraw from UNT Dallas at any time from the first class day to the official last day to withdraw as indicated in the UNT Dallas Annual Academic Calendar. The official last day to withdraw is approximately two weeks before the first day of final examinations for fall or spring terms or the equivalent dates for summer sessions.

Students with financial aid who are withdrawing from the university are required to complete the withdrawal form provided by the Registrar's office. For withdrawals processed prior to the end of the sixth week of classes for fall or spring terms or the equivalent dates for summer sessions, the grade of W is recorded for each course in which a withdrawn student was enrolled. After the sixth week of classes for fall or spring terms or the equivalent dates for summer sessions, a withdrawn student receives grades of "W" only for those courses in which there were passing grades at the time of withdrawal; otherwise, the grade "WF" is recorded.

Students called to active military service during a term in which they are enrolled may be entitled to a refund of tuition and fees if they withdraw or the student may be entitled to receive a final grade or incomplete grade in courses. Students should contact the Associate Provost for Student Success to determine their options.

A student is considered a withdrawal from classes offered in a session of enrollment when the student ceases attendance at any point prior to completing the period of enrollment unless the school obtains confirmation from the student at the time of withdrawal that the student will attend a session that begins later in the same period of enrollment. This confirmation must be obtained at the time of the withdrawal even if the student has registered for subsequent courses.

Upon receipt of the official withdrawal information, UNT Dallas will complete the following:

1. UNT Dallas Student Financial Aid and Scholarships (SFAS) verifies the student's attendance through the financial aid withdrawal form or the school's attendance records (Audit Rolls);
 2. The Return to Title IV (R2T4) calculation is performed to determine the amount of Federal funds the student has earned and the amount of unearned Federal funds for which the school and the student is responsible to return (if any).
- Calculations are completed using the U.S. Department of Education's Return of Title IV Funds Worksheets, student's attendance and withdrawal date, and are based upon the period of enrollment.
1. UNT Dallas SFAS will return the amount of any unearned portion of the Title IV funds for which the school and the student is responsible within 45 days of the date the official notice of withdrawal was provided.

2. UNT Dallas SFAS will provide the student with a letter explaining any returns that have been made to the Title IV Federal programs on the student's behalf as a result of exiting the program.
3. If a student's scheduled attendance is more than 60% of the period of enrollment, he/she is considered to have earned 100% of the Federal funds received for the period of enrollment. In this case, no funds need to be returned and no letter will be sent from Financial Aid.

In the event a student decides to rescind his or her official notification to withdraw, the student must provide a signed and dated written statement that he/she is continuing his or her program of study and intends to complete the period of enrollment. Title IV assistance will continue as originally planned. If the student subsequently fails to attend or ceases attendance without completing the period of enrollment, the student's withdrawal date is the original date of notification of intent to withdraw.

Unofficial Withdrawal from UNT Dallas

Unofficial withdrawals encompass all other withdrawals where official notification is not provided to UNT Dallas. If a student does not officially withdraw and subsequently fails to earn a passing grade in at least one course offered over an entire period, the institution must assume, for Title IV purposes, the student has unofficially withdrawn, unless the institution can document that the student completed the enrollment period.

If a student receives Title IV grant or loan assistance and does **not** begin attendance in a period of enrollment, the student is considered to be ineligible for any Title IV aid.

When a recipient of Title IV grant or loan assistance unofficially withdraws from an institution, after having begun class attendance during a period of enrollment, the institution must determine the amount of Title IV grant or loan assistance that the student earned up to the date of withdrawal. For these unofficial withdrawals, commonly known as dropouts, the withdrawal date is the midpoint of the period of enrollment or the equivalent date for sessions of enrollment, as applicable, or the last date of an academically related activity in which the student participated as stated by the professor of record or authorized departmental representative.

Once grades are final for a term, the following procedures will take place:

1. SFAS will determine which students did not officially withdraw and failed to earn a passing grade in at least one course offered over an entire period.
2. SFAS will notify students of their unofficial withdrawal status through at least three methods.
3. Determine and record the student's last date of attendance as the withdrawal date.
 - The withdrawal date is the midpoint of the period of enrollment or the equivalent date for sessions of enrollment, as applicable, or the last date of an academically related activity in which the student participated as provided by the professor of record or authorized departmental representative.
4. The Return to Title IV (R2T4) calculation is performed to determine the amount of Federal funds the student has earned and the amount of unearned Federal funds for which the school and the student is responsible to return (if any).
 - Calculations are completed using the U.S. Department of Education's Return of Title IV Funds Worksheets, the student's withdrawal date, and are based upon the period of enrollment.
 1. UNT Dallas SFAS will return the amount of any unearned portion of the Title IV funds for which the school and the student is responsible within 45 days of the date the official notice of withdrawal was provided.
 2. UNT Dallas SFAS will provide the student with a letter explaining any returns that have been made to the Title IV Federal programs on the student's behalf as a result of exiting the program.
 3. If a student's scheduled attendance is more than 60% of the period of enrollment, he/she is considered to have earned 100% of the Federal funds received for the period of enrollment. In this case, no funds need to be returned and no letter will be sent from Financial Aid.
 4. A copy of the completed worksheet and notification letter will be kept in the student's file.

Unofficially withdrawing from classes may affect the student's future eligibility for financial aid due to satisfactory academic progress requirements and R2T4 balances owed.

Withdrawal Before 60% Point of the Term

The institution must perform a R2T4 calculation to determine the amount of earned aid up through the 60% point in each period of enrollment. The institution will use the U.S. Department of Education's prorated schedule to determine the amount of R2T4 funds the student has earned at the time of withdrawal.

Withdrawal After 60% Point of the Term

For a student who withdraws after the 60% point of the period of enrollment, a student has earned 100% of the Title IV funds he or she was scheduled to receive during the period. Thus, there are no unearned funds. The institution must still perform a R2T4 to determine the amount of aid that the student has earned and whether or not the student is eligible for a post withdrawal disbursement.

Example of R2T4 Calculation

1. SFAS determines the percentage of Title IV aid the student earned by taking the calendar days completed in the period of enrollment and dividing by the total calendar days in the period of enrollment (excluding breaks of 5 days or more *and* days the student was on an approved leave of absence.

Example:

18 completed days divided by 118 total days = 15.3% Aid Earned

2. SFAS determines the dollar amount of Title IV aid the student earned by multiplying the percentage of Title IV aid earned by the total of the Title IV aid disbursed plus the Title IV aid that could have been disbursed for the period of enrollment.

Example:

15.3% X (\$1800 disbursed + \$1005 that could have disbursed) = \$429.17 Aid Earned

3. If this percentage is greater than 60%, the student earns 100% of the disbursed Title IV funds or aid that could have been disbursed.
4. If this percentage is less than 60%, then the percentage earned is equal to the calculated dollar amount earned.
5. Funds are returned to the appropriate federal program based on the Percentage of Aid Earned and the Order of Return dictated by the U.S. Department of Education.
6. Aid to be returned is equal to 100% minus the Percent earned multiplied by the amount of aid disbursed toward institutional charges. If a student earned less aid than was disbursed, the institution would be required to return a portion of the funds and the student may be required to return a portion of the funds (UNT would return the student owed funds along with the funds that must be returned by the school). All Title IV fund returns must be completed no later than 45 calendar days after the date the school determines that the student withdrew.
7. When Title IV funds are returned, the student may owe a balance to the institution.

Order of Return

UNT Dallas is authorized to return any excess funds after applying them to current outstanding Cost of Attendance (COA) charges. A copy of the Institutional R2T4 worksheet performed on the student's behalf is available through the SFAS office upon written request.

In accordance with Federal regulations, when Title IV financial aid is involved, the calculated amount of the R2T4 funds is retracted in the following order:

- Unsubsidized Direct Stafford loans (other than PLUS loans)
- Subsidized Direct Stafford loans
- Parent Plus loans
- Direct PLUS loans
- Federal Pell Grants for which a Return is required
- Iraq and Afghanistan Service Grant for which a Return is required
- Federal Supplemental Educational Opportunity Grant
- Other Title IV assistance
- State Tuition Assistance Grants (if applicable)
- Private and institutional aid
- The Student

Earned Aid

Title IV aid is earned in a prorated manner on a per diem basis (calendar days) up to the 60% point in the semester. Title IV aid is viewed as 100% earned after that point in time. A copy of the worksheet used for this calculation can be requested in writing from SFAS.

Post-Withdrawal Disbursement Conditions

If a student has accepted Title IV aid by the date of the withdrawal, but the aid has not disbursed, the student may be eligible for a post-withdrawal disbursement. If the amount disbursed to the student is less than the amount the student earned, and for which the student is otherwise eligible, he or she is eligible to receive a post-withdrawal disbursement for the earned aid that was not received. Under these circumstances, a R2T4 calculation must be performed to determine whether the student is actually eligible for a post-withdrawal disbursement. UNTD must make this determination within 30 calendar days after the student withdraws.

The following conditions apply when processing a post-withdrawal disbursement:

1. A student may not owe a prior year balance or fail to meet Satisfactory Academic Progress according to University and Student Financial Aid and Scholarships (SFAS) policy.
2. A student must have accepted aid by the date of the withdrawal.
3. If, before the student's withdrawal date, a loan offer has been accepted, the loan must also have been originated by UNT Dallas.
4. If the student is eligible for a post withdrawal disbursement of a loan, SFAS must send notification of post withdrawal disbursement eligibility to students within 30 calendar days after the student withdraws. Students will be given a minimum of 14 calendar days to respond to the post-withdrawal disbursement offer.

For students who provide notification back to UNT Dallas that they want the loan funds prior to the post withdrawal disbursement deadline, SFAS will disburse the loan.

Time Frame for the Return of Title IV, HEA Program Funds

The following rules apply when completing a Return calculation for a student.

1. UNT Dallas will return any unearned Title IV funds it is responsible for returning within 45 calendar days of the date UNTD determined the student withdrew and offer any post withdrawal disbursement of loan funds within 30 calendar days of that date.

2. UNT Dallas will disburse any Title IV grant funds a student is due as part of a post withdrawal disbursement within 45 days of the date UNT Dallas determined the student withdrew and disburse any loan funds a student accepts by the post withdrawal disbursement deadline within 180 calendar days of the withdrawal date.
3. Unless a student subject to verification has provided all required verification documents in time for UNT Dallas to meet the Return deadlines, UNT Dallas includes as Aid Disbursed or Aid That Could Have Been Disbursed in the Return calculation.
4. If it is determined that a student who failed to provide all required verification documents in time for UNT Dallas to meet the Return deadline and later provides those documents prior to the applicable verification deadline, UNT Dallas must perform a new Return calculation on all of the aid the student qualified for based on the completed verification documents and make the appropriate adjustments.
5. To give a Pell grant to a student, UNT Dallas must have a valid output document (one with an official EFC computed from correct data) while the student is still enrolled for the award year or in the time frame the student qualifies for a late disbursement under 34 CFR 668.164(g)(4)(i).

Time Frame for the Return of an Unclaimed Title IV Credit Balance

In the event UNT Dallas cannot locate the student (or parent) to whom a Title IV credit balance must be paid, Student Accounting (SAUCS) will determine what programs constitute the refund and will notify Student Financial Aid and Scholarships (SFAS) of any unclaimed credit balances that need to be returned to Title IV programs. SFAS must return the funds no later than 240 days after the date the school issued the check or 45 days after the EFT was rejected.

Institution Responsibilities

UNT Dallas' responsibilities in regards to Title IV funds follow:

- Providing students with information in this policy;
- Identifying students who are affected by this policy and completing the Return to Title IV funds calculation for those students;
- Returning any Title IV funds required to the correct Title IV programs.

The institution will always return all of the excess funds, including funds the Return to Title IV calculation identifies as the student's responsibility to return.

Student Responsibilities

- Any notification of withdraw should be in writing and sent to the Registrar's office.
- A student may rescind his or her notification of intent to withdraw. Submissions of intent to rescind a withdraw notice must be filed in writing with the Registrar's office.
- These notifications, to either withdraw or rescind to withdraw, must be sent to the Registrar's office.
- Student must repay any funds to UNTD that were disbursed to the student in which the student was determined to be ineligible for via the R2T4 calculation

Refund vs. Return to Title IV Funds

The requirements for the Title IV program funds when a student withdraws are separate from any refund policy that UNT Dallas may have to return to the student due to a cash credit balance. Therefore, the student may still owe funds to

the school to cover unpaid institutional charges. UNT Dallas may also charge the student for any Title IV program funds that they were required to return on the student's behalf.

Return to Title IV Questions

If you have questions regarding Title IV program funds after visiting with or emailing SFAS, you may call the Federal Student Aid Information Center at 1-800-4-fedaid (800-433-3243). TTY users may call 800-730-8913. Information is also available at Student Aid on the Web www.studentaid.ed.gov.

*This policy is subject to change at any time, and without prior notice.

Satisfactory Academic Progress

Various Federal and State regulations governing student financial assistance require that institutions of higher education develop standards to measure Satisfactory Academic Progress (SAP). In order to remain eligible for federal, state, and institutional financial aid, students must comply with the University of North Texas at Dallas' standards for SAP. The University of North Texas at Dallas has adopted the following standards of SAP in order to comply with these federal requirements. These standards are for financial aid purposes only and neither replaces nor overrides University of North Texas at Dallas' academic policies. All graduate and undergraduate students applying for and receiving financial aid will be monitored for SAP whether or not financial aid was applied for or received during any academic period in which the student was previously enrolled. Students are ineligible to receive financial assistance if all minimum satisfactory academic progress standards, including qualitative, pace of progression, and maximum timeframe measures of progress, are not met. SAP will be evaluated at the end of every academic term.

Definitions

Academic Term: A payment period.

Appeal: The process for a student who failed to meet SAP requirements to petition the school for a reconsideration of financial (see appeal process for more information).

Academic Plan: A status assigned to a student if an additional appeal is approved following a probation term. The academic plan must be developed in cooperation and agreement with the student's academic department/advisor. The academic plan must include requirements that a student must meet to achieve SAP by the end of the academic plan. The academic plan can be approved for a maximum of two terms.

Financial Aid Probation: A status assigned to a student who failed to maintain SAP but successfully appealed, permitting the student to receive financial aid for a specified amount of time.

Meets SAP: A status assigned to a student in good standing and meeting all SAP requirements.

Not Meets SAP: A status assigned to a student who is not meeting SAP requirements (qualitative, pace of progression and/or maximum hours). The student will not be eligible for financial aid with this status.

Pace of Progression: The rate at which a student is progressing toward the completion of a degree, certificate or certification.

Passing Grade: Grades of A, B, C, D, P or PR.

Warning: A status assigned to a student who failed to meet SAP requirements (qualitative and/or pace of progression). The student will still be allowed to receive financial aid during a warning status.

Qualitative Requirements of Satisfactory Academic Progress

The minimum cumulative UNT DALLAS grade point average for undergraduate students including post baccalaureate undergraduate students at the end of any given academic term at UNT DALLAS is a 1.8 cumulative GPA after the first enrollment period and at least a 2.0 cumulative GPA for all subsequent semesters.

The minimum cumulative UNT DALLAS grade point average for graduate students at the end of any given academic term at UNT DALLAS is a 2.67 cumulative GPA in their first enrollment period, and 3.0 for all subsequent semesters.

Pace of Progression Requirements of Satisfactory Academic Progress

Students must pass at least 67% of all credit hours attempted. Attempted hours include repeated, failed, incomplete, withdrawn from, and transfer credit hours.

Pace is measured by dividing the cumulative number of hours successfully completed by the cumulative number of hours attempted as shown below:

$$\text{Pace} = \frac{\text{Cumulative \# of hours successfully completed}}{\text{Cumulative \# of hours attempted}}$$

Incomplete Classes

Incomplete classes will result in a grade of "I", and will be considered the same as an "F" when evaluating SAP. A student must do the work to complete the class in order for the "I" to be changed to an actual letter grade.

Repeated Coursework

Title IV funds may only pay for one repeat of a previously passed course. More than one repeated course, even if not previously passed, will not be calculated in your enrollment status pertaining to Title IV funds.

Maximum Time Frame

According to 34 CFR 668.166, the University is required to establish a maximum time frame (total number of semester hours or years) during which a student is expected to complete their educational degree plan/program and remain eligible for federal student financial aid programs. The maximum time frame is imposed for all federal programs. However, this requirement excludes the state-funded College Access Loan Program (CAL) and excludes certain private loans (as specified by each lender).

For an undergraduate program, the maximum time frame cannot exceed 150% of the published length of the program measured by the number of hours for which a student has registered, earned, or attempted during Fall, Spring, and Summer at UNT DALLAS and also at any other institution of higher education. This includes hours that were dropped, withdrawn from, failed, duplicated, never completed or transfers of credit from other institutions. It also includes hours earned in the Armed Forces and ESL. Office of Financial Aid & Scholarships has currently established the maximum number of semester hours to be 150% of the student's degree plan. Beginning December 2008, after fall grades post, STUDENT FINANCIAL AID AND SCHOLARSHIPS uses the official EIS Excess Hours Page to determine degree hours. Previous paper approvals will be grandfathered.

For a graduate program (master's or doctoral), the maximum time frame cannot exceed 150% of the published length of the program measured by the number of terms at UNT DALLAS. This includes Fall, Spring, and Summer academic terms.

Post baccalaureate programs will be monitored for maximum time frame based on their twelve month or twenty-four month period of aid eligibility. Post baccalaureate graduate non-degree and preparation programs are not eligible for aid.

Graduate Academic Certificate programs will be monitored for maximum time frame based on their twelve month period of aid eligibility.

Reinstatement of Eligibility

All SAP requirements are effective whether or not financial aid has ever been applied for or received. For student's not meeting SAP at the end of an academic term, SAP will be re-evaluated at the end of the next academic term attended at UNT to determine if a student will be eligible for financial aid.

All attempts at a course, including repeats, are calculated in total hours attempted and in the pace of progression calculation.

If a student fails to meet the SAP requirements (qualitative and/or pace of progression) the student will be assigned a Warning status provided they were not currently on a Warning status. Students may receive more than one Warning status during their academic career; however, a student cannot receive a Warning status in consecutive academic terms. Students will be expected to use the warning period to re-establish SAP at the University. Students who fail to earn, complete, and pass the required number of term credit hours during the warning period will become ineligible for state and federal financial aid programs.

Summer Term

Attendance in the summer term will be considered optional for students. The summer term will be counted as the equivalent of one (long) academic term of attendance and will be monitored the same as fall and spring beginning summer 2012. Qualitative, pace of progression requirements and maximum timeframe will be monitored in the summer term.

SAP Appeals Process

A student, who fails to meet SAP requirements after the warning term, is not meeting SAP and is not eligible to receive financial aid without an approved appeal. Students who do not appeal must meet SAP requirements before aid eligibility can be re-established. An appeal process is available for the student who experienced any of the following mitigating circumstances:

- Illness or injury to themselves, or an immediate family member
- Death of a relative
- Other circumstances that affect the ability to meet SAP

If a student fails to meet the SAP standards and consequently loses financial aid eligibility, they may submit a written appeal with supporting documentation for reinstatement of financial aid eligibility if they had mitigating circumstances. The appeal must also address what has changed in that will allow the student to demonstrate SAP at the end of the next review. Appeals are reviewed on a case by case basis by a STUDENT FINANCIAL AID AND SCHOLARSHIPS financial aid administrator. Review of an appeal is not a guarantee of approval. If the appeal is approved, the student will be assigned a Probation or Academic plan status. If denied, the student is responsible for paying for their own educational costs until the student improves his/her academic record to meet the minimum standards. Students who were denied due to maximum time frame are responsible for paying for their own educational costs for the remainder of their degree program.

Students are notified by email of the decision. All decisions made by the financial administrator are final. Students may appeal a denied request by submitting additional documentation in writing to demonstrate how their situation meets the approvable SAP conditions. Exceptions to the one appeal approval and academic plan for the student must be fully documented and reviewed by the appointed STUDENT FINANCIAL AID AND SCHOLARSHIPS financial aid administrator. Appeals should be submitted for review no later than two weeks before the end of the term for which a student is appealing. Refer to the SFAS website for midpoint dates.

Scholarships

The University offers a variety of competitive academic scholarships to entering freshmen, transfer students and continuing students. Information in this catalog is correct at the time of printing, but is subject to change without prior notification. Visit the UNT Dallas Student Financial Aid and Scholarships web site for additional scholarship details at <http://dallas.unt.edu/financial-aid>.

Board of Regents Scholarships

In order to be considered for the Board of Regents Scholarships, the student must be in the top 10% of their class and enrolled full time. The scholarship is available for a total of four academic years (fall/spring terms) and the student must complete 15 hours of enrollment each semester and maintain a 3.25 GPA in order for the scholarship to renew. There are four different tiers for this scholarship based on students SAT/ACT scores.

Board of Regents Excellence - \$5,000; 1400 SAT/32 ACT

Board of Regents - \$4,000; 1300 SAT/29 ACT

Board of Regents Chancellor's - \$2,000; 1250 ACT/28 ACT

Board of Regents President's - \$1,500; 1200 SAT/27 ACT

Jaguar Cornerstone Scholar

Students are awarded this scholarship yearly based on information from when the student filled out the FAFSA. A student must continue to remain Pell eligible in order to maintain eligibility in this program. Students must enroll in at least 15 credit hours and have a 2.5 GPA or better at the end of each semester. The scholarship is available for a maximum of four academic years (fall/spring semester). Students are awarded a minimum of \$1,000 and a maximum of \$5,000.

Achievement Scholarship

This scholarship requires that the student have been within the top 50% of their high school graduating class and have a 3.0 cumulative high school GPA, or the top 50% of their class and have scored a 950 SAT/20 ACT. The student must be enrolled full time in order to receive this scholarship. Students are awarded up to \$12,000 in scholarship and grant funds for the academic year (fall/spring semester). Students must maintain a 3.0 GPA, enroll in 15 credit hours, and meet SAP requirements at the end of each semester. The scholarship is available to the student for a total of four years.

AT&T Early College High School Scholarship

In order to be considered for this scholarship, students must have graduated from high school as an Early College High School graduate. The amount of the scholarship depends on the ranking of the student in their class. They must have been in at least the top 50% to be eligible for this scholarship. The minimum award for this scholarship is \$3,000. The scholarship is available to students for two academic years (fall/spring semester). In order to retain eligibility for this scholarship at the end of each semester the student must be enrolled in 12 hours of course work, and maintain a 3.0 GPA.

[Scholarships Available to Transfer Students](#)

Complete the Dream Scholarship

This scholarship is awarded to transfer students that have a 2.7 GPA. Students must be a United States citizen or permanent resident, or meet the requirements of Texas Senate Bill 1528. Students are awarded up to \$10,000 in grant and scholarships per academic year (fall/spring semester). Students must be enrolled in a minimum of 15 credit hours. To remain eligible for the scholarship each semester the student must maintain a 2.7 cumulative GPA, enroll in 15 hours, and meet SAP requirements. This scholarship is available for a total of two academic years.

Phi Theta Kappa (must turn in membership card and letter)

This scholarship is awarded to students that are a member of Phi Theta Kappa and are a citizen or meet the requirements for SB 1528 eligibility. Students must be enrolled for a minimum of 15 credit hours in order to be eligible for this scholarship. Students are awarded \$,000 per academic year (fall/spring semester). In order to maintain eligibility each semester the student must enroll in 15 credit hours, maintain a 3.0 cumulative GPA, and meet SAP requirements.

General Academic Scholarship (continuing students only; must complete application)

This scholarship is awarded to transfer students who have a 2.25 cumulative GPA. Students must be enrolled for 15 credit hours, and are awarded \$2,000 for the academic year (fall/spring). In order to continue to be eligible for this scholarship, the student must maintain a 2.25 cumulative GPA, and meet SAP requirements. This scholarship is available for a total of four semesters (fall/spring). Application deadline for continuing students is May 16th of each year.

Graduate Scholarships

Development of Leaders Scholarship

This scholarship is awarded to new graduate students that are entering the M.Ed. Educational Administration program. The student must also have been accepted by the UNT Toulouse School of Graduate Studies, and meet all the requirements for the cohort established. The Graduate Record Exam must also have been taken by the student along with two years of experience teaching in grades K-12.

Students that are continuing on with their education at UNT Dallas are eligible for this scholarship with a cumulative 3.0 GPA, and are currently enrolled. The student must also have taken the Graduate Record Exam, and meet all the requirements for the cohort that is established.

The student must be enrolled a minimum of 6 hours each semester for the academic year (fall/spring semester), and maintain a 3.3 cumulative GPA at the end of each semester. There cannot be a break in enrollment. Students are awarded \$2,000 for the academic year (fall/spring semester) for a total of two academic years.

Business Leaders of Tomorrow Scholarship

This scholarship is awarded to new graduate students that have applied and been accepted into the MBA program. The student must have a strong academic profile, including but not limited to work experience, MBA application essay, undergraduate and graduate GPA if applicable. Students must be enrolled in 6 credit hours, maintain a cumulative GPA of 3.3, and meet SAP requirements.

Counseling Scholarship

This scholarship is awarded to new graduate students that have applied and been accepted into the M.Ed. in Counseling program. The student must have a strong academic profile, including but not limited to GRE score, work experience, application essay, undergraduate and graduate GPA if applicable. Student must be enrolled in 6 credit hours, maintain a cumulative GPA of 3.3, and meet SAP requirements.

Continuing Graduate General Academic Scholarship (application required)

Continuing graduate students are eligible for the Graduate General Academic Scholarship. Continuing students must have successfully completed six or more master's level or approved undergraduate equivalent credit hours and have a 3.3 cumulative GPA. Students must be enrolled in at least 6 credit hours in order to receive the scholarship. Students are awarded \$1,000 per academic year (fall/spring semester) for two years. In order to remain eligible after each semester, students must maintain a 3.3 cumulative GPA, and enroll in 6 credit hours.

Grant Programs

Federal Pell Grant

Actual eligibility levels are determined by federal standards through the Central Processing System (Federal Student Aid Programs). To receive funds after eligibility is determined, a student must maintain satisfactory academic progress (SAP) standards as defined by Student Financial Aid and Scholarships and be classified as an undergraduate. Pell grant awards are based on the student's actual enrollment.

Federal Supplemental Educational Opportunity Grant

Funds are awarded based upon the availability of monies, expected family contribution, established financial need, and maintaining satisfactory academic progress (SAP) standards as defined by Student Financial Aid and Scholarships.

Texas Public Education Grant

Funds are awarded based upon availability of monies, established financial need, at least half-time enrollment, and maintaining satisfactory academic progress (SAP) standards as defined by Student Financial Aid and Scholarships.

Leveraging Educational Assistance Partnership (LEAP)

This is a federal grant program for Texas residents. Eligibility is based upon at least half-time enrollment, availability of funds, established financial need, and maintaining satisfactory academic progress (SAP) standards as defined by Student Financial Aid and Scholarships.

Texas Grant Program

This is a state grant program for undergraduate Texas residents. Eligibility is based on full time enrollment; established financial need; graduation from a public or accredited private high school in Texas; completion of the recommended, advanced, or distinguished high school curriculum; no felony conviction or crime involving a controlled substance; and the availability of funds. The student must enroll in an eligible institution within 16 months of high school graduation, or within 12 months of receiving an associate's degree (associate's degree must have been conferred after May 1, 2001).

Benefits for Veterans

Students who have served in the military or who are currently serving or dependents/spouses of our veterans may be eligible to receive benefits from the federal Department of Veteran Affairs (VA). For information on benefit eligibility, how to apply and current pay rates please visit www.gibill.va.gov.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>.

Current Educational Programs:

- Selected Reserves (Chapter 1606)
- Reserve Educational Assistance Program (Chapter 1607)
- Montgomery GI Bill® (Chapter 30)
- Post 9/11 GI Bill® (Chapter 33)
- Survivors and Dependents Assistance Program (Chapter 35)
- Vocational Rehabilitation and Employment (Chapter 31)

Forms and information concerning certification for VA benefit purposes are available in the Office of the Registrar. The Office of the Registrar is located in room 105A, building 1, on the first floor, and can be contacted at 972-780-3664, or at registrar@untDallas.edu. Veterans with specific questions concerning the administration of benefits should contact the Regional VA Office at 1-888-442-4551..

Hazelwood Act for Texas Veterans

Qualifying Texas veterans, and their qualifying dependent spouses and children, may be eligible to receive the Hazelwood Act. The Hazelwood Act is a State of Texas program that exempts tuition and most fees for eligible Texas Veterans and their eligible dependents, at Texas, public post-secondary institutions. Application forms and information on tuition exemptions for qualified veterans, and their dependents, are available online at <http://www.tvc.texas.gov/Hazlewood-Act.aspx> or at the Office of the Registrar. The Office of the Registrar is located in room 105A, building 1, on the first floor, and can be contacted at 972-780-3664, or at registrar@untDallas.edu.

Employment

Federal Work-Study Program

Eligibility for the Federal Work-Study Program is determined by established financial need and availability of monies to make awards, at least half-time enrollment and maintaining satisfactory academic progress (SAP) standards as defined by Student Financial Aid and Scholarships. Students awarded the Federal Work-Study Program are eligible to earn the financial aid amount awarded through a work-study job. Most positions require 15-20 hours of work per week. Students apply directly to the department with the open position listed on the web site. The employing department will select students for interviews based on availability of funds, student work skills, educational background and interest. Eligibility must be determined each term/semester to continue in the Federal Work-Study Program.

Career Services

Career Services provides a variety of employment opportunities- full-time and part-time and internships off campus to currently enrolled students and alumni. For information, call 972-338-1775.

Loan Programs

Direct Loan Program

All Direct Loans (subsidized, unsubsidized, Parent Loan for Undergraduate Students [PLUS]) are awarded based upon established financial need, at least half-time enrollment and maintaining satisfactory academic progress (SAP) standards as defined by Student Financial Aid and Scholarships. The Free Application for Federal Student Aid (FAFSA) must be submitted before an award will be determined. Maximum and aggregate limits are imposed based upon classification status. Repayment criteria vary depending upon the time the funds are borrowed.

Table of Tuition and Mandatory Fees

(Fees are Subject to Change)

The amounts shown below are provided to better assist students and parents in assessing the cost of enrolling at UNT Dallas. While this information is intended to be comprehensive, tuition and fees are subject to increase or decrease without notice by action of the Texas Legislature and/or the UNT System Board of Regents. Students are responsible for any additional amounts due UNT Dallas resulting from post audits and corrections, including all fees and waivers, i.e., registration assessing errors, changing from off-campus to on-campus classes, invalid employment waivers, etc. For current information on tuition and fees, visit the Student Financial Services web site (<http://www.untdallas.edu/sfs/cost>). Student Financial Services is open from 9:00 a.m. to 5:30 p.m. Monday through Friday.

Students are responsible for payment of the following charges.

Graduate tuition for all graduate courses (5000D courses) at UNT Dallas is \$50 per hour above the undergraduate rate.

Please visit the Student Financial Services web site (<http://www.untdallas.edu/sfs/cost>) for the most current tuition and fee rates.

**Estimated Tuition and Fees - Texas
Resident***

**Fall 2014 and
Spring 2015**

Tuition columns include state mandated tuition and board designated tuition. Graduate student tuition column includes additional \$50 per hour graduate tuition. Fall 2014 and Spring 2015 - Texas Resident

Hours	Undergraduate Total**	Undergraduate Tuition***	Undergraduate Student Service Fees****
1.0	\$261.63	\$251.63	\$10.00
1.5	\$392.45	\$377.45	\$15.00
2.0	\$523.26	\$503.26	\$20.00
2.5	\$644.08	\$629.08	\$25.00
3.0	\$784.89	\$754.89	\$30.00
3.5	\$915.71	\$880.71	\$35.00
4.0	\$1,046.52	\$1,006.52	\$40.00
4.5	\$1,177.34	\$1,132.34	\$45.00
5.0	\$1,308.15	\$1,258.15	\$50.00
5.5	\$1,438.97	\$1,383.97	\$55.00
6.0	\$1,569.78	\$1,509.89	\$60.00
6.5	\$1,700.60	\$1,635.60	\$65.00
7.0	\$1,831.41	\$1,761.41	\$70.00
7.5	\$1,962.23	1,887.23	\$75.00
8.0	\$2,093.04	\$2,013.04	\$80.00
8.5	\$2,223.86	\$2,138.86	\$85.00
9.0	\$2,354.67	\$2,264.67	\$90.00
9.5	\$2,485.49	\$2,390.49	\$95.00
10.0	\$2,616.30	\$2,516.30	\$100.00
10.5	\$2,747.12	\$2,642.12	\$105.00
11.0	\$2,877.93	\$2,767.93	\$110.00

11.5	\$3,008.75	\$2,893.75	\$115.00
12.0	\$3,774.45	\$3,624.45	\$150.00
12.5	\$3,799.45	\$3,649.45	\$150.00
13.0	\$3,824.45	\$3,674.45	\$150.00
13.5	\$3,849.45	\$3,699.45	\$150.00
14.0	\$3,874.45	\$3,724.45	\$150.00
14.5	\$3,899.45	\$3,749.45	\$150.00
15.0	\$3,924.45	\$3,774.45	\$150.00
15.5	\$3,949.45	\$3,799.45	\$150.00
16.0	\$3,974.45	\$3,824.45	\$150.00
16.5	\$3,999.45	\$3,849.45	\$150.00
17.0	\$4,024.45	\$3,874.45	\$150.00
17.5	\$4,049.45	\$3,899.45	\$150.00
18.0	\$4,079.45	\$3,924.45	\$150.00
18.5	\$4,099.45	\$3,949.45	\$150.00
19.0	\$4,124.45	\$3,974.45	\$150.00
19.5	\$4,149.45	\$3,750.00	\$150.00
20.0	\$4,174.45	\$4024.45	\$150.00

Fall 2014 and Spring 2015 - Texas Resident (Graduate Student)				
Hours	Graduate Student Total**	Graduate Student Tuition***	Graduate Tuition***	Graduate Mandatory Fees*****
1.0	\$311.63	\$251.63	\$50.00	\$10.00
1.5	\$467.45	\$377.45	\$75.00	\$15.00
2.0	\$623.26	\$503.26	\$100.00	\$20.00

2.5	\$779.08	\$629.08	\$125.00	\$25.00
3.0	\$934.89	\$754.89	\$150.00	\$30.00
3.5	\$1,090.71	\$880.71	\$175.00	\$35.00
4.0	\$1,246.52	\$1,006.52	\$200.00	\$40.00
4.5	\$1,402.34	\$1,132.34	\$225.00	\$45.00
5.0	\$1,558.15	\$1,258.15	\$250.00	\$50.00
5.5	\$1,713.97	\$1,383.97	\$275.00	\$55.00
6.0	\$1,869.78	\$1,509.78	\$300.00	\$60.00
6.5	\$2,025.60	\$1,635.60	\$325.00	\$65.00
7.0	\$2,181.41	\$1,761.41	\$350.00	\$70.00
7.5	\$2,337.23	\$1,887.23	\$375.00	\$75.00
8.0	\$2,493.04	\$2,013.04	\$400.00	\$80.00
8.5	\$2,648.86	\$2,138.86	\$425.00	\$85.00
9.0	\$2,804.67	\$2,264.67	\$450.00	\$90.00
9.5	\$2,960.67	\$2,390.49	\$475.00	\$95.00
10.0	\$3,116.30	\$2,516.30	\$500.00	\$100.00
10.5	\$3,272.12	\$2,642.12	\$525.00	\$105.00
11.0	\$3,427.93	\$2,767.93	\$550.00	\$110.00
11.5	\$3,583.75	\$2,893.75	\$575.00	\$115.00
12.0	\$3,739.56	\$3,019.56	\$600.00	\$120.00
12.5	\$3,895.38	\$3,145.38	\$625.00	\$125.00
13.0	\$4,051.19	\$3,271.19	\$650.00	\$130.00
13.5	\$4,207.01	\$3,397.01	\$675.00	\$135.00
14.0	\$4,362.82	\$3,522.82	\$700.00	\$140.00

14.5	\$4,518.64	\$3,648.64	\$725.00	\$145.00
15.0	\$4,674.45	\$3,774.45	\$750.00	\$150.00
15.5	\$4,825.27	\$3,900.27	\$775.00	\$150.00
16.0	\$4,976.08	\$4,026.08	\$800.00	\$150.00
16.5	\$5,126.90	\$4,151.90	\$825.00	\$150.00
17.0	\$5,277.71	\$4,277.71	\$850.00	\$150.00
17.5	\$5,428.53	\$4,403.53	\$875.00	\$150.00
18.0	\$5,579.34	\$4,529.34	\$900.00	\$150.00
18.5	\$5,730.16	\$4,655.16	\$925.00	\$150.00
19.0	\$5,880.97	\$4,780.97	\$950.00	\$150.00
19.5	\$6,031.79	\$4,906.79	\$975.00	\$150.00
20.0	\$6,182.60	\$5,032.60	\$1000.00	\$150.00

All Fees Subject To Change

* Because 2014-15 tuition and fee rates are subject to change by action of the Texas Legislature and/or the UNT System Board of Regents, the above listed fees should be used for estimation purposes only.

** Fees vary by course and are not included in the totals above.

*** Includes state-mandated tuition of \$50 per hour (or \$360 per hour for non-residents), plus additional tuition, formerly listed as the general use fee, at \$160.00 per hour.

**** "Explanation of Fees," below, lists mandatory fees. Additional information is available at <http://dallas.unt.edu/offices-and-people/university-administration/office-admissions-and-enrollment-management/student-financial-services>.

Estimated Tuition and Fees - Non-Resident* Fall 2014 and Spring 2015

Tuition columns include state mandated tuition and board designated tuition. Graduate student tuition column includes additional \$50 per hour graduate tuition.

Hours	Undergraduate Total**	Undergraduate Tuition***	Undergraduate Student Service Fees****
1.0	\$623.63	\$613.63	\$10.00

1.5	\$935.45	\$920.45	\$15.00
2.0	\$1,247.26	\$1,227.26	\$20.00
2.5	\$1,559.08	\$1,534.08	\$25.00
3.0	\$1,870.89	\$1,840.89	\$30.00
3.5	\$2,182.71	\$2,147.71	\$35.00
4.0	\$2,494.52	\$2,454.52	\$40.00
4.5	\$2,806.34	\$2,761.34	\$45.00
5.0	\$3,118.15	\$3,068.15	\$50.00
5.5	\$3,429.97	\$3,374.97	\$55.00
6.0	\$3,741.78	\$3,681.78	\$60.00
6.5	\$4,053.60	\$3,988.60	\$65.00
7.0	\$4,365.41	\$4,295.41	\$70.00
7.5	\$4,677.23	\$4,602.23	\$75.00
8.0	\$4,989.04	\$4,909.04	\$80.00
8.5	\$5,300.86	\$5,215.86	\$85.00
9.0	\$5,612.67	\$5,522.67	\$90.00
9.5	\$5,924.49	\$5,829.49	\$95.00
10.0	\$6,236.30	\$6,136.30	\$100.00
10.5	\$6,548.12	\$6,443.12	\$105.00
11.0	\$6,859.93	\$6,749.93	\$110.00
11.5	\$7,171.75	\$7,056.75	\$115.00
12.0	\$8,118.45	\$7,968.45	\$150.00
12.5	\$8,324.45	\$8,174.45	\$150.00
13.0	\$8,530.45	\$8,380.45	\$150.00

13.5	\$8,736.45	\$8,586.45	\$150.00
14.0	\$8,942.45	\$8,792.45	\$150.00
14.5	\$9,148.45	\$8,998.45	\$150.00
15.0	\$9,354.45	\$9,204.45	\$150.00
15.5	\$9,564.45	\$9,410.45	\$150.00
16.0	\$9,766.45	\$9,616.45	\$150.00
16.5	\$9,972.45	\$9,822.45	\$150.00
17.0	\$10,178.45	\$10,028.45	\$150.00
17.5	\$10,384.45	\$10,234.45	\$150.00
18.0	\$10,590.45	\$10,440.45	\$150.00
18.5	\$10,796.45	\$10,646.45	\$150.00
19.0	\$11,002.45	\$10,852.45	\$150.00
19.5	\$11,208.45	\$11,058.45	\$150.00
20.0	\$11,414.45	\$11,264.45	\$150.00

Fall 2014 and Spring 2015 - Non-Resident (Graduate Student)				
Hours	Graduate Student Total**	Graduate Student Tuition**	Graduate Tuition***	Graduate Mandatory Fees****
1.0	\$673.63	\$613.63	\$50.00	\$10.00
1.5	\$1,010.45	\$920.45	\$75.00	\$15.00
2.0	\$1,347.26	\$1227.26	\$100.00	\$20.00
2.5	\$1,684.08	\$1,534.08	\$125.00	\$25.00
3.0	\$2020.89	\$1,840.89	\$150.00	\$30.00
3.5	\$2,357.71	\$2,147.71	\$175.00	\$35.00
4.0	\$2,694.52	\$2,454.52	\$200.00	\$40.00

4.5	\$3,031.34	\$2,761.34	\$225.00	\$45.00
5.0	\$3,368.15	\$3,068.15	\$250.00	\$50.00
5.5	\$3,704.97	\$3,374.97	\$275.00	\$55.00
6.0	\$4,041.78	\$3,681.78	\$300.00	\$60.00
6.5	\$4,378.60	\$3,988.60	\$325.00	\$65.00
7.0	\$4,715.41	\$4,295.41	\$350.00	\$70.00
7.5	\$5,052.23	\$4,602.23	\$375.00	\$75.00
8.0	\$5,389.04	\$4,909.04	\$400.00	\$80.00
8.5	\$5,725.86	\$5,215.86	\$425.00	\$85.00
9.0	\$6,062.67	\$5,522.67	\$450.00	\$90.00
9.5	\$6,399.49	\$5,829.49	\$475.00	\$95.00
10.0	\$6,736.30	\$6,136.30	\$500.00	\$100.00
10.5	\$7,073.12	\$6,443.12	\$525.00	\$105.00
11.0	\$7,409.93	\$6,749.93	\$550.00	\$110.00
11.5	\$7,746.75	\$7,056.75	\$575.00	\$115.00
12.0	\$8,083.56	\$7,363.56	\$600.00	\$120.00
12.5	\$8,420.38	\$7,670.38	\$625.00	\$125.00
13.0	\$8,757.19	\$7,977.19	\$650.00	\$130.00
13.5	\$9,094.01	\$8,284.01	\$675.00	\$135.00
14.0	\$9,430.82	\$8,590.82	\$700.00	\$140.00
14.5	\$9,767.64	\$8,897.64	\$725.00	\$145.00
15.0	\$10,104.45	\$9,204.45	\$750.00	\$150.00
15.5	\$10,436.27	\$9,511.27	\$775.00	\$150.00
16.0	\$10,768.08	\$9,818.08	\$800.00	\$150.00

16.5	\$11,099.90	\$10,124.90	\$825.00	\$150.00
17.0	\$11,431.71	\$10,431.71	\$850.00	\$150.00
17.5	\$11,763.53	\$10,738.53	\$875.00	\$150.00
18.0	\$12,095.34	\$11,045.34	\$900.00	\$150.00
18.5	\$12,427.16	\$11,352.16	\$925.00	\$150.00
19.0	\$12,758.97	\$11,658.97	\$950.00	\$150.00
19.5	\$13,090.78	\$11,965.79	\$975.00	\$150.00
20.0	\$13,422.60	\$12,272.60	\$1000.00	\$150.00

All Fees Subject To Change. Check <http://dallas.unt.edu/offices-and-people/university-administration/office-admissions-and-enrollment-management/student-financial-services> for Summer tuition costs.

** Because 2014-15 tuition and fee rates are subject to change by action of the Texas Legislature and/or the UNT Board of Regents, the above listed fees should be used for estimation purposes only.*

*** Fees vary by course and are not included in the totals above.*

**** Includes state-mandated tuition of \$50 per hour (or \$360 per hour for non-residents), plus additional tuition, formerly listed as the general use fee, at \$160.00 per hour.*

Academic Information and Regulations

Ease your transition into college life. Here you'll find academic information and regulations, the list of degrees offered at UNT Dallas and the group of classes known as the University Core Curriculum. To get your UNT Dallas degree you will need to meet the requirements of the core curriculum and complete the courses deemed necessary for your major. Also in this section, you will find important information about grades, transfer credits, transcripts and graduation.

Note: A definition of academic terms may be found at the end of this section.

Degrees Offered

Bachelor of Applied Arts and Sciences (**BAAS**)

Bachelor of Arts (**BA**)

Bachelor of Business Administration (**BBA**)

Bachelor of Science (**BS**)

Master of Business Administration (**MBA**)

Master of Education (**MEd**)

Master of Science (**MS**)

Schools

UNT Dallas is organized into the following academic schools.

- Education and Human Services
- Liberal Arts and Life Sciences

- Business

These schools offer the degrees, majors, concentrations under majors, minors, and certifications listed under <http://untdallas.edu/academics>. See individual areas in this catalog for information about graduate and undergraduate offerings.

Current Academic Programs

Academic Area	Undergraduate Program Options
Accounting	Bachelor of Business Administration (BBA)
Accountancy	Bachelor of Science (BS)
Alternative Dispute Resolution	Academic Certificate
Applied Arts and Sciences	Bachelor of Applied Arts and Sciences (BAAS)
Applied Gerontology	Academic Certificate
Biological Sciences	Minor
Business Foundation	Minor (non-business majors)
Chemistry	Minor
Child Development and Family Studies	Bachelor of Science (BS)
Computer Science	Minor
Criminal Justice	Bachelor of Science (BS) Minor
English	Minor
Entrepreneurship	Bachelor of Business Administration (BBA)
Finance	Bachelor of Business Administration (BBA)
General Business	Bachelor of Business Administration (BBA)
History	Minor
Human Services Management and Leadership	Bachelor of Science (BS) A minimum of 12 hours in one of the approved human services specialization or certificate programs is required: Alternative Dispute Resolution Applied Gerontology Substance Abuse and Addictions Minor

Information Technology	Bachelor of Arts (BA)
Interdisciplinary Studies	<p>Bachelor of Science (BS)</p> <p>Upon completion of this program, students will be prepared to sit for teacher certification examinations in the following certificate areas:</p> <p style="padding-left: 40px;">Generalist Early Childhood-Grade 6 (EC-6) and Special Education Early Childhood-Grade 12 (EC-12)</p> <p style="padding-left: 40px;">Generalist Early Childhood-Grade 6 (EC-6) and Early Childhood-Grade 6 (EC-6)</p> <p style="padding-left: 40px;">Early Childhood-Grade 6 (EC-6) and Bilingual Education Supplemental (Spanish)</p> <p style="padding-left: 40px;">Mathematics Grades 4-8 and English as a Second Language (ESL)</p> <p style="padding-left: 40px;">English, Language Arts and Reading, Grades 4-8 and English as a Second Language</p> <p style="padding-left: 40px;">Science Grades 4-8 and Early Childhood-Grade 6 (EC-6)</p> <p style="padding-left: 40px;">Social Studies Grades 4-8 and English as a Second Language</p>
Logistics and Supply Chain Management	<p>Bachelor of Science (BS)</p> <p>Academic Certificate</p>
Management	Minor (non-business majors)
Mathematics	<p>Bachelor of Arts (BA) in Mathematics</p> <p>Bachelor of Arts (BA), with Secondary Certification 8-12 grade mathematics</p> <p>Minor</p>
Organizational Behavior and Human Resource Management	Bachelor of Business Administration (BBA)
Political Science	Minor
Psychology	<p>Bachelor of Arts (BA)</p> <p>Minor</p>
Sociology	<p>Bachelor of Arts (BA)</p> <p>Minor</p>
Spanish	Minor
Substance Abuse and Addictions	Academic Certificate
Academic Area	Graduate Program Options
Business Administration	Master of Business Administration (MBA), with a concentration in Strategic Management
Counseling	<p>Master of Education (MEd)</p> <p>Master of Science (MS)</p>

Educational Leadership	Master of Education (MEd) <i>Upon completion of this program, students will be prepared to sit for principal certification examination</i>
Public Leadership	Master of Science (MS)

Note: Degrees, majors, concentrations under majors, professional fields, minors, and certifications are selected in consultation with an advisor and, if approved, are incorporated into the student's degree plan and/or program of study.

General University Requirements

UNT Dallas will confer the bachelor's degree when the following conditions have been met.

1. A minimum of 120 semester hours.
2. Completion of all requirements in the university core curriculum (42-hour minimum) (see below).
3. A major of at least 24 semester hours. At least 12 hours of advanced work (3000D/4000D level) in the major must be earned at UNT Dallas (except for the BAAS degree). See "Major" in the Academics section of this catalog.
4. A minor, if required for a particular undergraduate degree, of a minimum of 18 semester hours, including at least 6 hours of advanced work (3000D/4000D level). For details, see the individual requirements under specific degree programs in this catalog.
5. A minimum of 42 semester hours of advanced work, 24 of which must be completed at UNT Dallas. A lower level course that, when transferred, is determined to be equivalent to a UNT Dallas upper-level course does not satisfy the requirement of advanced hours.
6. An official degree plan must be on file. It is recommended that the degree plan be made no later than the beginning of the junior year.
7. A minimum grade point average of 2.000 (C) on all courses, including all transfer credits. It should be noted that the GPA that appears on grade reports and is used to determine the student's academic status, does not include correspondence, extension and transfer work. Thus, a 2.000 GPA on the grade report does not necessarily imply eligibility for graduation.
8. A minimum GPA of 2.000 (C) on all work at UNT Dallas. Transferred work may not be used to raise the GPA of work done at UNT Dallas.
9. Twenty-five (25) percent of the credit hours required for a degree must be earned in residence.
10. A proficiency in English composition. Students must show competence in written expression by receiving credit for or earning a grade of C or better in two general education English courses that have a strong writing component (ENGL 1310D, 1311, 1312, ENGL 1313D, 1315, 1320, 1321, 1322, ENGL 1323D, 1325, 2700 and 2702). Students who have earned a D in one or more of these two required courses must repeat the course and raise the grade to a C or better. Students who are transferring to UNT Dallas with more than 90 hours and who have earned a D in any of the basic English writing courses must retake the course during their first term/semester in residence.

General Undergraduate Degree Requirements

Writing Proficiency

UNT Dallas is committed to the discovery, acquisition, development, preservation and dissemination of knowledge and the enhancement of the intellectual, cultural and proficiency levels of all who enter its programs. Fulfilling this commitment will contribute to both a better society and a more rewarding pattern of individual life. As students endeavor to complete their academic studies, they are expected to exhibit good college-level writing skills in all university course work as a consideration in grading.

Graduation under a Particular Catalog

A student may meet the graduation requirements noted in the catalog in effect at the time of admission to UNT Dallas or the requirements in any later catalog published before the student's graduation.

Any student transferring directly from a Texas community college to UNT Dallas shall have the same choice of catalog published degree requirements as the student would have had if the dates of attendance at the university had been the same as the dates of attendance at the community college. Transfer students from senior institutions or out-of-state community colleges will use the catalog in effect at their date of enrollment at UNT Dallas.

All requirements of the chosen catalog must be met within eight years of that catalog's publication. This catalog will expire at the close of the 2020 summer semester/term.

Changes in either major or non-major requirements made necessary by altered or discontinued courses or by requirements imposed by external accrediting or certification agencies become effective for degree audit purposes at the beginning of the academic year immediately following the academic year in which the changes are published in the university catalog. The changes may include additions, deletions and other changes in prerequisite requirements for existing courses. Whenever possible, new requirements are implemented with a beginning class or upon the expiration of the appropriate time limit.

Texas Success Initiative (TSI)

The Texas Success Initiative (TSI) is a state legislated program requiring all undergraduate students (new students, transfer students, and international students) who enter a Texas public institution of higher education to either (A) Demonstrate readiness for college-level reading, writing and mathematics before enrolling in college-level academic course work by achieving the statutory threshold(s) on the state-approved readiness assessments or (B) Meet one of the conditions for exemption from the testing requirement. Students must satisfy all TSI requirements before receiving a baccalaureate degree. Students who do not meet TSI requirements must complete developmental coursework to attain TSI compliance.

Exemptions:

Students are exempt from readiness testing if any of the following exemption categories applies.

1. Reading:
 - ACT: Composite 23 and English 19
 - SAT: Composite 1070* and Critical Reading/Verbal 500
 - TAKS: ELA 2200 with a writing score of 3
2. Math:
 - ACT: Composite 23 and Math 19
 - SAT: Composite 1070* and Math 500
 - TAKS: Math 2200
3. Writing:
 - ACT: Composite 23 and English 19
 - SAT: Composite 1070* and Critical Reading/Verbal 500
 - TAKS: ELA 2200 with a writing score of 3

**SAT Composite = Critical Reading plus Math scores; ACT and SAT scores are valid for five years from the date taken; TAKS scores are valid for three years from the date taken.*

4. A student who has graduated with an associate or baccalaureate degree from an institution of higher education.

5. A student who transfers from a private or out-of-state institution of higher education and who has satisfactorily completed college-level course work as determined by UNT Dallas.
6. A student who has previously attended another Texas public institution of higher education and has been determined to have met readiness standards by that institution.
7. A student who is serving on active duty as a member of the armed forces of the United States, the Texas National Guard, or as a member of a reserve component of the armed forces of the United States and has been serving for at least three years preceding enrollment.
8. A student who on or after August 1, 1990, was honorably discharged, retired or released from active duty as a member of the armed forces of the United States, the Texas National Guard, or as a member of a reserve component of the armed forces of the United States.

Exemption documentation should be submitted to Academic Support Services, 7300 University Hills Boulevard, Dallas, Texas 75241-4605.

Academic Assessment and Course Placement

UNT Dallas accepts scores on the ACCUPLACER, ASSET, COMPASS or THEA tests for assessment purposes. These state-approved tests measure college-level readiness in reading, mathematics and writing. Minimum score thresholds required to demonstrate college readiness in each subject area as follows:

	Reading	Math	Writing
ACCUPLACER	78	63	80 objective w/ 5 essay/ 6 essay only
ASSET	41	38	40 objective w/ 5 essay/ 6 essay only
COMPASS	81	39	59 objective w/ 5 essay/ 6 essay only
THEA	230*	230	220

Students applying to a major in education need a THEA score of 240

Students participate in a developmental program for each semester of enrollment for those subjects where readiness has not been demonstrated. Students may demonstrate readiness by either passing the highest level of indicated developmental course work (C or better) or by scoring above statutory thresholds on one of the approved tests.

Students are individually advised into the appropriate developmental program according to their developmental need. UNT Dallas offers course-based and non-course-based developmental programs. Developmental courses offered at UNT Dallas include:

Reading/Writing

- TECM 1200D - Developmental Writing

Mathematics

- MATH 1010D - Fundamentals of Algebra

	Math 1010D	Math 1010D plus 2-hour lab
ACCUPLACER	57-62	Less than 57

ASSET	36-37	Less than 36
COMPASS	34-38	Less than 34
THEA	220-229	Less than 220

All students below reading and/or writing thresholds are placed in TECM 1200D. In addition to courses offered at UNT Dallas, students may meet their developmental program course needs through concurrent enrollment in equivalent course work at another institution of higher education. International students may meet their initial remedial needs through Intensive English Language Institute course work before enrolling at UNT Dallas full-time.

Non-course-based programs include workshops, tutorials and self-paced instruction. This program option is generally available to students for only one semester. Advisors monitor student progress in their non-course-based programs through the semester.

Demonstrating College Readiness

Students may demonstrate college readiness or otherwise satisfy TSI requirements by any of the following:

1. Successful completion of the highest level of the appropriate developmental course with a C or better.
2. Achievement of a score above the statutory threshold on an approved readiness assessment.
3. Placement into college-level reading, math or writing according to UNT Dallas academic placement guidelines.
4. Demonstration of an applicable documented disability and registering with the UNT Dallas Office of Disability Accommodation.

Requirements for a Second Bachelor's Degree

To be eligible for a second bachelor's degree, a student must have completed an undergraduate degree and also must meet all current catalog requirements for the second degree, including 12 hours of advanced courses in a field different from the major for the first bachelor's degree.

Undergraduate Academic Certificate Programs

UNT Dallas offers upper-division undergraduate academic certificate programs to meet workforce needs or to provide students with life/career skills and knowledge and to allow for specialization in academic disciplines.

Admission

All students pursuing an undergraduate academic certificate must meet regular UNT Dallas admission requirements. Candidates for admission to the undergraduate academic certificate program must meet the minimum academic standards for the academic discipline. Post-baccalaureate students are eligible to pursue an undergraduate academic certificate.

Requirements

Undergraduate academic certificates require 12-20 semester credit hours, the majority of which must be advanced.

Students are responsible for all prerequisites specified in course requirements.

Students are expected to complete all hours for the undergraduate academic certificate requirements at UNT Dallas.

Upon completion of the requirement for an undergraduate academic certificate program, a student should apply to the academic dean of his or her school. Application forms are sent to the Registrar's Office at the end of each term.

The Registrar's Office posts undergraduate academic certificates to students' transcripts at the end of the semester earned and prints the certificates, which are mailed by the school awarding them.

Note: Hours used for attaining an undergraduate academic certificate could potentially exclude a student from consideration for the \$1,000 Tuition Rebate since all hours earned for the undergraduate academic certificate are counted in the total hours earned toward a degree.

Grading System

UNT Dallas' grading system uses the letters A, B, C, D, F, P, NP, I, PR, W, WF, and Z.

A - excellent work, four grade points for each semester hour.

B - good work, three grade points for each semester hour.

C - fair work, two grade points for each semester hour.

D - passing work, one grade point for each semester hour.

F - failure; given when a student (1) has failed the course while still officially enrolled at the end of the term/semester; (2) is failing a course and misses the final examination without satisfactory explanation; or (3) stops attending class without processing an official drop or withdrawal.

P - passed; a credit grade (1) on pass/no pass option, (2) on student teaching, and (3) in selected undergraduate and graduate individual problems, research, thesis and dissertation courses.

NP - not passed; a failing grade on the pass/no pass option; non-punitive.

I - I is a non-punitive grade given only during the last one-fourth of a term/semester and only if a student (1) is passing the course and (2) has justifiable and documented reason, beyond the control of the student (such as serious illness or military service), for not completing the work on schedule. The student must arrange with the instructor to finish the course at a later date by completing specific requirements. These requirements must be listed on a Request for Grade of Incomplete form signed by the instructor, student and department chair and must be entered on the grade roster by the instructor. Grades of I assigned to an undergraduate course at the end of the Fall 2007 semester and later will default to F unless the instructor has designated a different automatic grade. See also "Removal of I" policy in this section of this catalog.

PR - used to show that work is in process on thesis or dissertation in courses numbered 5950D

W - drop or withdrawal without penalty. Given when a student drops a course or withdraws from the university prior to the end of the sixth week of classes of long terms/semesters or corresponding dates for summer sessions. After that time the student must have a passing grade for the instructor to assign a grade of W for a dropped course; otherwise, the grade of WF is recorded.

WF - drop or withdrawal with a failing grade. Instructor may drop a student with a grade of WF from courses for nonattendance. May be assigned from the 7th through the 13th week of classes of long terms/semesters or corresponding dates for summer sessions.

Z - used to indicate that a grade was not properly received and/or recorded for a course.

Note: No grade points are allowed for grades F, I, NP, P, PR, W, WF or Z.

A complete record of all previously used grades and grading systems is detailed on the official transcript.

Grade Point Average

The overall grade point average is used to determine student class loads, eligibility for admission to the university and certain programs, financial aid eligibility, and eligibility for graduation. It is calculated by dividing the total number of grade points by the total number of semester hours attempted. All GPA calculations are subject to post-audit and correction by the Registrar's Office.

The number of semester hours attempted includes all courses with grades of A, B, C, D, F and WF unless replaced by a later grade. Courses with grades of I, NP, P, PR, W or Z are not counted as courses attempted. Students may repeat courses in which they receive a grade of "D" or "F".

Grade Books

The University's records retention schedule requires that grade books be retained by the departmental chair or associate dean for five years.

Grade Reports

The electronic grade report and academic standing are available online at my.unt.edu at the close of each term/semester. If the grade report or the academic standing is believed to be in error, the student should contact the Office of Registrar within 30 days following the first class day of the succeeding term/semester.

At mid-term/semester in the long session, instructors may provide individual written warnings to students who are doing unsatisfactory class work. These warnings are mailed from the Office of the Registrar upon request by the instructor.

Dean's List and President's List

Undergraduate students enrolled in at least 12 hours of class work in regularly graded courses taken in residence during the long session with a grade point average of 4.0 are placed on the president's list. Students enrolled in at least 12 hours of course work during the long semesters with a grade point average of 3.5 or above are placed on the dean's list. Students are notified of this recognition by the president or the appropriate academic dean.

Pass/No Pass Option

- **Undergraduate Students**

An incoming freshman or any undergraduate in good standing with a C average or better on all work attempted in residence at UNT Dallas may schedule one course a term/semester on the pass/no pass option. Seniors may elect more than one pass/no pass course during their final term/semester.

A maximum of 18 semester hours of credit under the pass/no pass option may be applied toward the bachelor's degree. Only courses counted as electives on the student's degree plan may be scheduled under the pass/no pass option. These hours are not used in calculating the grade point average, but count as full credit.

A grade of D or better will be shown as a P. If the course is not passed, the record will show NP and the hours attempted will not be used in calculating the grade point average.

The pass/no pass option for a particular course is elected at the time of registration. Requests are processed after the term/semester begins. Students may change to the regular grading system in the office of their academic dean any time before the end of the sixth week of classes, or the corresponding point of a summer session, provided the eligibility requirements above are met.

Courses taken under the regular grading system may not be repeated as pass/no pass courses unless a grade of W was previously received.

A student who changes majors is not automatically denied credit for a pass/no pass course that becomes a degree audit requirement for the new major. The decision is made by the academic dean of the new department. **However, under no circumstances is a grade of P changed to a letter grade.**

Transfer students have the same pass/no pass privileges and restrictions, but they must pass 30 semester hours of regularly graded courses at UNT Dallas to be eligible for graduation.

- **Graduate Students**

Graduate students may enroll under the pass/no pass option only for undergraduate courses that are not required as a deficiency makeup or as a graduate degree requirement.

- **Courses Automatically Graded Pass/No Pass**

Certain graduate-level individual instructional courses will be graded pass/no pass when classes are taught on campus in those departments whose faculty have voted for the use of this grading system for individual instruction.

Academic Standards (Undergraduate)

Minimum standards have been set that a student must achieve at the end of a given enrollment period in order to remain in good academic standing. The minimum academic requirement for undergraduate students is a 2.0 cumulative grade point average (CGPA).

The CGPA upon which academic standards are based is calculated by dividing the total number of grade points earned in residence at UNT Dallas by the total number of semester credit hours (SCH) attempted in residence at UNT Dallas. Excluded in this calculation are all courses in which the student received grades of NP, P, W, Z or I. The cumulative grade point average as defined here is used only for determining a student's academic status and is not necessarily related to the grade point average that governs eligibility for graduation.

In calculating grade points, grades count as follows: A = 4 points per semester credit hour, B = 3 points, C = 2 points, D = 1 point, F and WF = 0 points.

Classification for the purpose of establishing the academic standing of the student is determined by the sum of all hours attempted in residence in regularly graded courses at UNT Dallas, hours passed in pass/no pass graded courses at UNT Dallas, and hours transferred from other institutions. Not included in the definition of student classification for academic standards are hours granted by the university for extension, service experience, advanced placement, credit by examination, CLEP or transfer hours attempted but not passed or accepted by the university for academic credit.

A student is placed on academic alert or academic probation at the end of any enrollment period in which the CGPA on work attempted in residence at this university does not equal or exceed 2.0.

Academic Standards for Transfer Students

New UNT Dallas students who have fewer than 30 hours of transfer credit, excluding non-traditional credit, who are admitted via individual review and have less than a 2.0 grade point average will be placed on academic alert. Other transfer students with 30 or more hours of transfer credit who are admitted via individual review are placed automatically on academic probation if their transfer cumulative grade point average falls below 2.0. See "Transfer Students" in the Admission section of this catalog for a statement of current minimum entrance requirements for transfer students. To avoid academic suspension, transfer students admitted on academic probation must make a grade point average equal to or exceeding the minimum 2.0.

Transfer students admitted to UNT Dallas in good standing are subject to the same minimum academic requirements as continuing students. Thus, if at the end of the first enrollment period a transfer student's grade point average on all work attempted at UNT Dallas does not meet the minimum 2.0 CGPA requirement, the student will be placed on academic alert or academic probation for the next period of enrollment and the Regulations Governing Students on Academic Alert or Academic Probation will apply.

Transfer students who have more than 30 credit hours and are admitted to UNT Dallas on academic probation are evaluated at the end of their first long term/semester in attendance, at which time they are either cleared from probation or suspended. To avoid academic suspension, the student must have earned a CGPA on all work attempted at UNT Dallas equal to or greater than the minimum 2.0.

Additional information concerning academic status is available from the offices of the academic deans or the Office of the Registrar.

Transfer Hours from Another Institution

Students who complete work at another institution, to be applied toward a bachelor's degree at UNT Dallas, should make sure that the appropriate officer of the other institution furnishes to the Office of Admissions at UNT Dallas a complete official transcript of such work.

The Office of Admissions determines acceptable transfer credit from other institutions based on evaluation of course content as described in the catalogs of those institutions and in consultation with appropriate academic units at UNT Dallas as necessary for clarification.

Transfer credit may only be received for course work completed at an accredited institution of higher education. Transfer credit from other institutions will be converted to semester hours and a 4.0 grading system for evaluation purposes as appropriate. The student's academic dean determines applicability of the credit to a degree program. Students seeking a Bachelor of Applied Arts and Sciences (BAAS) degree should refer to the special provisions of the respective degree programs.

Students who have begun residence work at UNT Dallas and who have attained junior standing may, only with the prior written consent of their academic dean, enroll in and transfer hours from approved two-year colleges.

Grade points earned at other institutions are excluded in the computations of the CGPA, but transfer hours accepted are included in determining the classification and minimum required level of performance.

Additional information concerning academic status is available from the advising offices of the academic deans or the Registrar's Office.

Because of the time required for receipt of transcripts, students otherwise eligible for graduation who complete their last course or courses elsewhere do not graduate at the end of the term/semester or summer session in which the work is completed, but receive their degrees at the close of a subsequent UNT Dallas term/semester or summer session.

Transfer hours from another institution are included in the overall GPA when determining honors for graduation.

Regulations Governing Students on Academic Alert

A freshman is placed on academic alert the first term/semester the CGPA drops below 2.0. To be removed from academic alert, the student must raise the CGPA to a minimum of 2.0 during the next period of enrollment.

A student on academic alert who does not raise the CGPA to at least the minimum 2.0 at the end of the next term/semester of enrollment is placed on academic probation.

Regulations Governing Students on Academic Probation

A student who is not classified as a freshman, or a student who is a freshman and has been on academic alert, is placed on academic probation at the end of any enrollment period in which the CGPA drops below a 2.0.

A student remains on academic probation at the end of any enrollment period in which the student earns at least a 2.25 GPA but does not achieve the minimum 2.0 CGPA.

A student remains on academic probation during any summer enrollment in which the student fails to raise the CGPA to the minimum 2.0 CGPA.

A student who, during a probationary fall or spring term/semester, fails to raise the CGPA to the minimum 2.0 standard, or who fails to make at least a 2.25 GPA for the term/semester, is automatically suspended from UNT Dallas for one or more long terms/semesters. (See "Regulations Governing Students Under Academic Suspension.")

The electronic grade report and student's academic standing are available online at the end of each term/semester at my.unt.edu. Each student is responsible for knowing whether the minimum CGPA has been achieved and whether they are eligible to re-enroll or remain enrolled in the university. Any student enrolled when ineligible will be withdrawn by the Registrar, and no special consideration will be given to such student on a plea of ignorance of academic status. If the cumulative record is believed incorrect, the student should contact the Registrar's Office.

Regulations Governing Students Under Academic Suspension

A student who is suspended from the University for failure to meet the standards prescribed in the "Regulations Governing Students on Academic Probation" is prohibited from re-enrolling for the following long term(s)/semester(s) as outlined below:

- First suspension: One long term/semester
- Second suspension: Two long terms/semesters
- Third suspension: Indefinite

A student who has been suspended for an indefinite period may request, at the end of two calendar years from the time of the suspension, a review of the case by the appropriate academic dean.

Each student is responsible for knowing the minimum CGPA requirements and the standards for academic standing. Any ineligible student who enrolls during a long term/semester will be withdrawn by the Registrar, regardless of whether the student has registered or pre-registered and paid fees. The student should be aware that course work taken at another institution while the student is suspended from UNT Dallas may not apply to a degree.

A student who has been suspended from UNT Dallas re-enters on academic probation. A student under academic suspension may attend the UNT Dallas summer enrollment periods. If, at the end of the summer enrollment period, a student raises the CGPA to the 2.0 minimum standard, the student will be reinstated in good academic standing.

Course Duplications

A student may take a course a second or subsequent time. The Office of the Registrar will post duplications at the request of the student, at the request of an academic advisor or upon review of the student's record. Until a duplication is posted the Office of the Registrar includes a repeated course in the student's cumulative record of hours attempted and grade points earned. The Registrar includes without exception any course repeated more than once in the student's cumulative record of hours attempted and grade points earned. Departments may count the highest grade for departmental GPA requirements; however, the academic dean uses only the last grade recorded in certifying the student's eligibility for graduation.

Undergraduate students who enroll in the same course more than twice may be charged additional tuition amounts.

Status Changes Due to Course Duplications

A student request for the recording of a course duplication made before or on the last class day of any term or session will be reflected in the hours attempted and grade points earned at the beginning of the term/semester or session.

If a student who is on academic alert or academic probation requests the recording of course duplications, and the resulting adjusted CGPA equals or exceeds the minimum 2.0 academic standard, the academic alert or probation status will be removed if the student notifies the Office of the Registrar on or before the last class day for that term/semester or session. Otherwise, the student will remain on academic alert or probation for that enrollment period and be subject to attendant penalties.

If a student is suspended at the end of a term/semester during which the student has repeated a course and the posting of that duplication will result in a CGPA that would have been sufficient to be continued on probation at the end of that term/semester (or to be cleared), the student will be reinstated if the student requests the duplication and applies for reinstatement at the Office of the Registrar. The delayed posting of course duplications completed during prior enrollment periods cannot be used as a basis for altering suspension history or reinstating lost registration schedules.

Courses duplicated Fall 2005 and later will result in a re-evaluation of a student's suspension history beginning with the term that the duplication was completed. The delayed processing of course duplications and updating of suspension history cannot be used as justification for reinstating lost registration schedules.

Transcripts

Transcripts contain the complete record of all courses in which the student was registered, including the grades, any degree, diploma, or certificate conferred. Transcript request information can be found on the Registrar web page (<http://untDallas.edu/registrar>). Students can request transcripts in person at the Registrar counter or may mail the request.

Before an official transcript can be released, all financial or administrative obligations to the university must be resolved. To check for blocks, please refer to the student center at my.unt.edu. When sending a written request, include:

- Your full name and any previous name(s), if applicable
- Your student ID number
- Your birth date
- Your approximate dates of attendance at UNT Dallas
- Complete directions where to mail the transcript
- Your signature (required)
- A daytime phone number, e-mail address and your home mailing address (to contact you if there are any questions)
- Instructions for any "special handling" requirements (e.g., "place transcripts in separate, sealed envelopes," "hold request until current term/semester grades are posted," etc.)

Mail your written request to:

University of North Texas at Dallas
Office of the Registrar
Attn: Transcripts
7300 University Hills Boulevard
Dallas, TX 75241

Or fax the written request to:

972-338-1939
Attn: Transcripts

If you have any questions concerning transcripts, please visit the Office of the Registrar or call 972-780-3664.

Tests

University policy requires that departments retain tests for one year after the term/semester has been completed or return tests to students. If the tests are returned, students are responsible for producing the tests should a grade appeal be necessary.

Removal of a Grade of I

A student who receives a grade of Incomplete (I) should not register for the course again. A student may remove a grade of I within one year by completing the stipulated work. After the student completes the stipulated work, the instructor records the final grade on a UNT Dallas Grade Change Form and obtains the department chair's or associate dean's signature. The instructor's academic dean completes processing with the Registrar's Office, where the grade point average is adjusted accordingly. For undergraduate courses taken Fall 2007 or later, if a student does not complete the stipulated work within the time specified, the grade of I will default to F unless the instructor has designated a different automatic grade. The GPA is adjusted accordingly, and the student will be subject to academic penalty should any exist.

Grade Changes

No grade except I may be removed from a student's record once properly recorded. Changes are not permitted after grades have been filed except to correct clerical errors.

Requests for error correction must be initiated immediately after the close of the term/semester for which the grade was recorded.

A faculty member who believes an error has been made in calculating or recording a grade may submit in person a request for a grade change to the department chair and the appropriate dean. The Registrar accepts requests for grade changes only from the academic deans.

Policy on Grade Appeal

The University of North Texas at Dallas establishes this grade appeal process based on the principles that UNT Dallas faculty are ultimately responsible for the assignment of grades and students should be free from prejudicial or arbitrary grading. The UNT Dallas grade appeal policy is designed to resolve a disagreement between a student and faculty member in a collegial manner through informal discussion and through a more formal process only when necessary. This policy applies to all students.

• Definitions

1. Arbitrary. "Arbitrary" means a decision based on inappropriate criteria or not in conformity with established procedures or standards.
2. Prejudice. "Prejudice" means a decision motivated by ill will that is not indicative of the student's academic performance in regard to grades.
3. Error. "Error" means a decision that is based on a mistake in fact.

• Procedures and Responsibilities (Grade Appeal)

1. Faculty Responsible for Assignment of Grades. The responsibility for the evaluation of students rests with the UNT Dallas faculty. The university presumes that the judgment of the faculty member in a course is authoritative, and that all assigned grades are correct.
2. Student Informal Consultation with Faculty Member. A student who wishes to complain about a final course grade must first discuss the matter with the faculty member of record. The discussion with the faculty member must occur as soon as possible after assignment of the grade and under no circumstances will a faculty member entertain a student's complaint any later than one week after the start of the academic term following the assignment of the grade. The faculty member is expected to actively listen to the student complaint, provide an explanation for the awarded grade and be receptive to changing the grade if the student provides a convincing argument for changing the grade. The faculty member must inform a student of a decision within three (3) days of meeting with the student.
3. Formal Petition for Grade Appeal. If a student's concern remains unresolved after the informal consultation with the faculty member, the student may submit a written petition for appeal to the chair of the faculty member's department within three (3) days of learning the result of the informal conversation with the faculty member.
 - a. A formal petition for a grade appeal may only be considered based on a concern that the final grade in a course was assigned arbitrarily or based on prejudice, or was assigned in error. Students bear the burden of proof to support their petition.
 - b. A student's formal petition for grade appeal to the department chair must include:
 - i. The stated grounds for the final course grade appeal and specifically the basis for the claim that a final course grade was assigned arbitrarily, prejudicially or was in error.
 - ii. Any additional supporting information.

- c. Within five (5) business days of receiving a student petition, the department chair will meet with the student to review the petition.
 - d. If the chair believes that the student's petition may have merit, within three (3) business days after meeting with the student, the chair will consult with the faculty member to consider an amicable solution.
 - e. After consulting with the department chair the faculty member may choose to let the grade remain or change the course grade.
 - f. The chair will communicate the decision of the faculty member to the student, or, if the chair determines that the student's petition is without merit, that decision will be communicated to the student. Notice must be provided to the student no later than two (2) business days after the most recent meeting between the chair and the faculty member resulting in a decision on the grade appeal.
4. Appeal to Faculty Committee.
- a. If a student's concern remains unresolved after review by the department chair, the student may submit a written request for appeal to the dean of the school that offers the course taught by the faculty member. The written request must be delivered no more than three (3) days after the decision from the department chair is communicated to the student and must include:
 - i. The stated grounds for the final course grade appeal and specifically the basis for the claim that a final course grade was assigned arbitrarily, prejudicially or was in error.
 - ii. Any additional supporting information.
 - b. The dean may either:
 - i. review the appeal on their own; or,
 - ii. appoint a committee of three (3) faculty members from the faculty member's department or in a closely allied field to review the grade appeal ("faculty committee") and report their findings back to the dean. Faculty members appointed to the committee must not have any apparent conflict of interest with the faculty of record. If any apparent conflicts of interest exist, the faculty member will be replaced on the committee by another faculty member appointed by the dean.
 - c. The dean and/or the faculty committee (as applicable) will examine the available written information (including that from the department chair) and may meet with the student and the instructor, if necessary. The dean or faculty committee may request meetings with any other individuals as deemed necessary for their thorough examination of the appeal.
 - d. The dean and/or the faculty committee (as applicable) will be charged to determine whether the grade was assigned in a fair and appropriate manner, or whether there is evidence of unfair treatment such as arbitrariness, prejudice and/or error that might justify a change in a grade.
 - e. If the dean alone or with feedback from the faculty committee concludes that the grade was assigned in a fair and appropriate manner, the dean will report the conclusions to the student and faculty member in writing and the matter will be closed.
 - f. If the dean alone or with feedback from the faculty committee determines that compelling reasons exist for changing the grade, the dean will request that the instructor change the grade and provide the faculty member with a written explanation for the request. If the faculty member declines to change a grade as requested, the faculty member will provide a written explanation of the refusal to the dean.
 - g. The dean, after considering the faculty member's explanation, and upon concluding that it would be unjust to allow the original grade to stand, may change the grade and notify the student and the faculty member of the action.
 - h. Only a dean may change a grade over the objection of a faculty member.
5. Miscellaneous.
- a. Time frames established for the grade appeal process may be extended by the department chair involved in the process for good cause.
 - b. Grades issued by a faculty member will remain in effect during the appeal procedure.

Graduate Credit for Work Experience

Graduate credit will not be granted for knowledge acquired through prior work or performance experience regardless of whether these experiences were of a paid or voluntary nature.

Quality of Coursework Required

The graduate student must maintain a B average on all courses that receive graduate credit, whether or not the courses are to be applied toward a graduate degree. Grades received in all courses numbered 5000 or higher are included in the computation of the graduate student's grade point average.

The student whose graduate GPA earned at another institution is below B will be required to make up the deficiency either at the other institution or at UNT Dallas. This regulation applies not only to graduate work attempted elsewhere before the student was first admitted to the Toulouse School of Graduate Studies at UNT Dallas, but also to graduate work attempted elsewhere after the student's admission at UNT Dallas.

Students must make satisfactory progress toward completion of degree requirements to remain in good standing within a specific degree program. Students whose progress is unsatisfactory may be removed from the program by the dean on recommendation of the major department or school. Courses in which the grade is D cannot be used toward completion of graduate degree requirements.

A grade of C or better must be earned in each undergraduate or graduate course assigned as a deficiency by the student's major department. Departments that wish to do so may establish more stringent requirements.

Probation and Suspension (Graduate)

A student who fails to achieve the required cumulative average of 3.0 GPA (B average) on all courses carrying graduate credit in a term/semester will be placed on academic probation for the subsequent term/semester. If the student achieves a 3.0 semester GPA in the subsequent term/ semester, but the cumulative GPA is still below 3.0, the student will remain on academic probation. The student will be removed from probation when the 3.0 cumulative GPA is achieved. A student who is on probation cannot apply for graduation and cannot graduate.

A student who is placed on academic probation who does not receive either a semester or a cumulative 3.0 GPA during the term/semester of probation will be subject to academic suspension for a period of up to one calendar year before becoming eligible to re-enroll for further graduate courses. Graduate work completed elsewhere during a period of graduate suspension at UNT Dallas may not be counted for graduate credit at UNT Dallas. After the one-year period of suspension, students must reapply for admission to graduate school (see "Readmission of Graduate Students" in the Admission section of this catalog); students may then enroll in graduate courses under probation with the same probation conditions as previously described. Students who are then suspended a second time without having returned to good academic standing by achieving a cumulative GPA of 3.0 or better will be dismissed from the university.

Special probation and suspension rules apply for all degree-seeking students in the School of Business and Public Leadership. Consult the School of Business for further information.

The student whose UNT Dallas GPA in graduate work falls below 3.0 must make up the deficit, either by repeating courses in which the grades are low, or by completing other UNT Dallas courses with grades high enough to bring the UNT Dallas GPA up to 3.0. Low grades made in graduate courses at UNT Dallas may not be duplicated at other institutions.

Definition of Terms

Academic Status

This term is used as an indication of a student's academic standing with the university. Students must maintain a

minimum cumulative grade point average (CGPA) of 2.0 to remain in good academic standing. Graduate students must maintain a minimum cumulative grade point average (GPA) of 3.0 to remain in good academic standing.

Academic Alert

A freshman is placed on academic alert the first term/semester the CGPA drops below a 2.0. To be removed from academic alert, the student must raise the CGPA to a minimum of 2.0 during the next period of enrollment. A student on academic alert who does not raise the CGPA to at least the minimum 2.0 at the end of the next term/semester of enrollment is placed on academic probation.

Academic Probation/Suspension

A student who is not classified as a freshman, or a student who is a freshman and has been on academic alert, is placed on academic probation at the end of any enrollment period in which the CGPA drops below a 2.0.

A student who, during a probationary fall or spring term/semester, fails to raise the CGPA to the minimum 2.0 standard, or who fails to make at least a 2.25 for the term/semester, is automatically suspended from UNT Dallas for one or more long terms/semesters.

A graduate student is placed on academic probation at the end of any enrollment period in which the CGPA drops below 3.0.

Academic Suspension (Graduate Students)

A graduate student who is placed on academic probation and who does not receive either a semester or a cumulative 3.0 graduate GPA during the term/semester of probation will be subject to academic suspension for a period of up to one calendar year before becoming eligible to reapply for graduate admission (see "Readmission of Graduate Students" in the Admission section) and enroll for further graduate courses. After the one-year period of suspension, students may re-enroll in graduate courses under probation. Students who are then suspended a second time without having returned to good academic standing by achieving a CGPA of 3.0 or better will be dismissed from the university.

Certification-Only Students

Certification-only students are admitted to graduate studies to pursue professional or teacher certification only. Up to 12 graduate semester credit hours taken as a non-degree seeking or certification-only student may be used toward a degree with approval from the academic department. These students must meet graduate school admission requirements.

Classification of Students

Students are classified on the basis of term/semester hours passed. Semester hours passed are computed by adding transfer hours accepted, pass/no pass hours passed, graded hours passed and non-traditional credit accepted at UNT Dallas.

Undergraduate classifications are: freshmen, those who have completed less than 30 semester hours of college credit; sophomores, 30 to 59 hours completed; juniors, 60 to 89 hours completed; seniors, 90 or more hours completed but who have not received a bachelor's degree. Graduate students are those who have graduated with a baccalaureate degree from an accredited college or university.

Classification of Graduate Students

Any student who holds a bachelor's degree from a regionally accredited institution is classified as a graduate student, whether or not admission to a degree program has been granted, and is subject to the regulations contained in this catalog concerning graduate students. Records concerning admission, continuation and graduation of such students are maintained in the Office of Graduate Admissions.

Classification as a graduate student on this basis does not guarantee financial aid eligibility. Students should consult the Office of Financial Aid and Scholarships for details.

Concentration

A concentration is a recognized focus in a subfield of a major field of study. Concentrations are placed on the UNT Dallas transcript.

Concurrent Enrollment

Concurrent enrollment is enrollment for any course or courses at another institution while registered for courses at UNT Dallas. Enrollment through the Federation of North Texas Area Universities is not considered concurrent enrollment. Graduate students must secure written permission for concurrent enrollment from the Office of Graduate Admissions prior to registration, and students must not exceed the maximum enrollment limitation set by UNT Dallas.

Concurrent Programs

Concurrent programs are defined as programs (degrees, graduate academic certificates or teacher certification) that a student is pursuing simultaneously. Students in their first semester of graduate enrollment must satisfy the admission test requirement prior to submitting an application for a concurrent degree.

Continuing Students

Continuing students are those students who have been officially enrolled at UNT Dallas at least once during the 12 consecutive months **prior** to the term/semester of planned enrollment and/or have not received a degree during the same period. Students who receive a degree and reapply to the university are considered new graduate students.

Core Complete

A student who transfers to UNT Dallas as core complete has successfully completed a 42- to 48-hour common core curriculum at another state-assisted institution of higher education in Texas and will have satisfied the core curriculum at UNT Dallas.

Inactive Continuing Students (undergraduate students only)

Inactive students are undergraduates who have not been officially enrolled at UNT Dallas in the last 12 consecutive months and who have not received a degree during the same period.

Inactive students are required to complete the following requirements to re-enroll:

1. complete the Texas Common Application for returning students;
2. submit transcripts from all colleges attended, if any, since leaving UNT Dallas;
3. if previous UNT Dallas enrollment was as a transient, dual credit, summer visiting student or special student, all academic credentials are required prior to re-enrollment; International students should contact the Office of International Admissions.

Course Numbering System

Freshman courses, *1000-1999*.

Sophomore courses, *2000-2999*.

Junior courses, *3000-3999*.

Senior courses, *4000-4999*.

Graduate courses, *5000 and above*.

The graduate student enrolled in a 5000-level course that meets with a senior-level undergraduate course will be expected to complete additional requirements beyond those expected of undergraduates in the same course.

Courses 2900D, 2910D, 4900D and 4910D, **Special Problems**, are used upon approval of the department chair or dean for individual instruction in any department to cover course content in special circumstances. Courses 5900D, 5910D, 5920D and 5930D are used in any department that offers graduate work.

Experimental Courses, 1980D, 2980D and 4980D, are new courses offered on a trial basis for 1-4 hours credit each. Registration is permitted only upon approval of the department chair.

Advanced Courses, numbered 3000D to 4999D, are open to students who have 12 semester hours of credit in a given subject or who have the indicated prerequisites, and to those without the prerequisites who have the consent of the department. In some instances, school requirements may vary. Students should consult individual areas prior to enrolling in advanced courses.

Cumulative Grade Point Average

The cumulative grade point average (CGPA) upon which academic standards are based is calculated by dividing the

total number of grade points earned in residence at UNT Dallas by the total number of semester credit hours (SCH) attempted in residence at UNT Dallas.

Not included in the definition of student classification for academic standards are hours granted by this university for extension courses, service experience, advanced placement, credit by examination, CLEP or transfer hours attempted but not passed.

Excluded from the calculation of the CGPA are all courses in which the student received grades of I, NP, P, PR, W or Z.

The cumulative grade point average as defined here is used only for determining a student's academic status and is not necessarily related to the grade point average that governs eligibility for graduation or graduating with honors.

Degree Plan (Undergraduate Students)

The degree plan is an official document prepared in the office of the student's academic dean. It lists all courses completed, courses not completed, proficiency examinations and all other requirements for a particular degree sought. A student should have a degree plan prepared no later than the beginning of the junior year. See also the entries for Major at <http://dallas.unt.edu/academics/university-college>. Information regarding Double Major and Minor information is also listed in this section.

Degree Plan (Graduate Students)

The degree plan is an official document prepared and approved in the student's major department that lists courses completed, courses to be completed, proficiency examinations and all other requirements for a particular degree program. The master's plan should be prepared and approved in the department and submitted for approval by the Office of Graduate Admissions during the student's first term/semester of enrollment. The degree plan is subject to the requirements of the catalog in effect at the time the degree plan is approved.

Changes in either major or non-major requirements made necessary by altered or discontinued courses or by requirements imposed by external accrediting or certification agencies become effective for degree plan purposes at the beginning of the academic year immediately following the academic year in which the changes are published in the university catalog. The changes may include additions, deletions and other changes in prerequisite requirements for existing courses. Whenever possible, new requirements are implemented with a beginning class or upon the expiration of the appropriate time limit.

Former Students (Graduate Students only)

Former students are those graduate students who have not been enrolled at least once during the 12 consecutive months **prior** to planned enrollment and/or those who have received a degree.

Grade Point Average

The overall grade point average is used to determine student class loads, eligibility for admission to the university and certain programs, and eligibility for graduation. All GPA calculations are subject to post-audit and correction by the Office of the Registrar. See <http://dallas.unt.edu/academics> for additional information.

The GPA is calculated by dividing the total number of grade points by the total number of semester hours attempted. The number of semester hours attempted includes all courses with grades of A, B, C, D, F and WF unless replaced by a later grade. Courses with grades of I, NP, P, PR, W or Z are not counted as courses attempted.

Leave of Absence

Leave of absence applies to students admitted to the master's degree who wish to discontinue work toward the degree for a specified period of time due to exigent circumstances. Leave of absence may be granted by the academic program, which then notifies the Office of Graduate Admissions. Degree requirements and graduation must be completed within the appropriate time limit for completion of the degree. (See "Time Limitations" in the master's degree requirements sections of this catalog.

Non-Degree Students

Non-degree seeking students are admitted to graduate studies to enroll in graduate or undergraduate courses and are not

admitted to a degree program or do not intend to complete a degree at UNT Dallas. Up to 12 graduate semester credit hours taken as a non-degree seeking student may be used toward a degree only with approval from the academic department. Non-degree seeking students must meet graduate studies admission requirements.

Students who continue to register for courses beyond the first 12 hours risk earning credits that cannot be applied to a degree program if admission is obtained later. Satisfactory completion of course work and/or other degree requirements does not imply acceptance of those credits toward a degree program. It is the responsibility of the student to know his or her admission status and seek admission to a degree program in a timely manner.

Major

At least 24 semester hours in a given subject are required for a major, including 12 hours of advanced work. The number of hours required depends on the department selected

The term "professional field" is used in the School of Business to designate the major for the Bachelor of Business Administration (BBA) and the Master of Business Administration in Strategic Management (MBA) degrees.

Double Major

A student seeking a double major must consult with an advisor from the second department. If approved, the requirements for the second major are incorporated into the student's degree audit.

Minor

A minor requires at least 18 semester hours in a given subject, including 6 hours of advanced work. Specific course sequences for a minor are determined by the department offering the minor. Not all degrees require a minor.

Prerequisite

A prerequisite is a course or other preparation that must be completed before enrollment in another course. All prerequisites are included in catalog course descriptions.

Schedule Changes (Add/Drop, Withdrawal)

Students may make adjustments to their schedules by adding and/or dropping classes or by withdrawing. Specific procedures must be followed in making these changes. (See Enrollment section of this catalog for details.)

Note: Students dropping all of their courses must go to the Registrar's Office or send a written request to the Registrar's Office to withdraw.

Semester Hour

A semester hour is the unit of credit at UNT Dallas; the credit allows for 1 lecture hour a week for 15 weeks or the equivalent. In course listings, figures in parentheses following the course credit hours indicate the number of clock hours per week devoted to lecture and laboratory. When it appears, the third and final number in these parentheses indicates the number of recitation hours per week.

Summer Visiting Student

A summer visiting student is an undergraduate student (U.S. citizen or permanent resident alien) who has been enrolled at another college or university and who enrolls at UNT Dallas for any summer session/term with the intent of returning to the home institution upon completion of summer studies. Summer visiting students must reapply each summer that enrollment is sought.

Term/Semester/Session

The academic year includes three terms/semesters: fall, spring and summer. During the summer term, a number of sessions are scheduled. Presently the options include 3W1 (three week one), 5W1 and 5W2 (five week one and two), 8W1 (eight week one), 10W (ten week) and the full summer term.

Time Limitation (Master's Degrees)

A time limitation is the length of time a student has to complete all requirements for the degree program. Master's students have six to eight years to complete their degree requirements depending on the number of semester hours required for the degree. Students anticipating that they will exceed the time limit must apply for a time extension

through the academic department and school, then approval by the Office of Graduate Admissions before the time limit has expired. Information on filing a time extension can be obtained by contacting the Office of Graduate Admissions. Time limitations also apply to transfer credit used toward a degree.

Track

A track is a group of courses designed for students seeking specialized training toward specific career objectives or a group of courses designed to meet a specific need within a degree program.

Transient Student

A transient student is an undergraduate student who has been enrolled at another college or university and who plans to attend UNT Dallas for one long term/semester only and then to return to the college or university where previously enrolled.

Undergraduate Academic Certificates

UNT Dallas offers upper-division undergraduate academic certificates to meet workforce needs or to provide students with life/career skills and knowledge and to allow for specialization in academic disciplines. Undergraduate academic certificates require 12-20 hours, the majority of which must be advanced. See <http://dallas.unt.edu/academics> for additional details.

Masters Degree Requirements

Application for Admission

Applications must be submitted online at www.applytexas.org. Application is made through the UNT Dallas Office of Graduate Admissions. Most master's degree programs require supplemental application materials. Contact the academic unit for additional information.

General Requirements

The candidate must earn 30 or more hours of graduate credit, depending upon the requirements for the degree sought. Specific graduate degree requirements are determined by the catalog currently in force at the time the student's degree plan is approved by the graduate admissions office.

Consult subsequent sections of this publication for the specific course requirements for each master's degree.

Level of Work Required

All of the course work to be credited toward the master's degree plan must be numbered 5000 or higher. Deficiencies or background courses are completed in addition to course work to be credited toward the master's degree plan regardless of course number. *A maximum of 12 semester hours* earned in non-degree or certification status prior to admission to a degree program may be counted toward degree requirements.

Time Limitations

All course work and other requirements to be credited toward the master's degree must be completed within the following time periods, depending on the number of semester hours required for the degree.

- 42 or fewer hours: 6 years
- 43 to 49 hours: 7 years

- 50 or more hours: 8 years

As individual courses exceed these time limits they lose all value for degree purposes. Credits more than six years old at the time of first registration for graduate work are not transferable from other institutions.

Time limits are strictly enforced. Students exceeding the time limit may be required to repeat the comprehensive exam, replace out-of-date credits with up-to-date work, and/or show other evidence of being up-to-date in their major and minor fields. Students anticipating they will exceed the time limit should apply for an extension two semesters **before** the normal time period to complete the degree expires. Holding a full-time job is not considered in itself sufficient grounds for granting an extension. For time extension procedure/forms contact the Office of Graduate Admissions.

Time spent in active service in the U.S. armed forces will not be used in computing the time limit. However, career members of the armed forces should consult the graduate admissions office concerning the credit given to work completed before or during active military service.

Leave of Absence

Leave of absence applies to students admitted to the master's degree who wish to discontinue work toward the degree for a specified period of time due to exigent circumstances. Leave of absence may be granted by the academic program, which then notifies the Office of Graduate Admissions. Degree requirements and graduation must be completed within the appropriate time limit for completion of the degree.

Use of Transfer Credit and Extension Credit

Subject to the approval of the Office of Graduate Admission and the department or school concerned, a student who holds a bachelor's degree and who has been admitted to graduate studies at UNT Dallas may apply toward a master's degree the following amount of graduate work completed elsewhere:

1. up to 6 semester hours in a 30- to 35-hour program,
2. up to 9 semester hours in a 36- to 41-hour program,
3. up to 12 semester hours in a program of 42 hours or more.

Subject to the approval of the Office of Graduate Admissions and the department or school concerned, UNT Dallas extension credit may be applied toward the master's degree in the same ratio as transfer credit stated above, or in combination with transfer credit, so long as the total number of semester hours of combined transfer and extension credit does not exceed the limits stated above. Extension and correspondence credit earned at other institutions will not be counted toward a graduate degree at UNT Dallas.

It is the student's responsibility to make sure official transcripts of courses completed elsewhere are furnished to the Office of Graduate Admissions, and that graduate credit has been assigned by the other institution or institutions to whatever courses are to be counted toward the UNT Dallas degree. Such courses, although listed on the UNT Dallas degree plan, will not be counted toward the degree until official transcripts showing graduate credit have been received and the credit has been approved by the graduate office. All transfer courses are subject to the time limitation described previously.

If transfer credits do not show a B average, the student is required to make up the deficiency either at the institution where the credit was earned or at UNT Dallas.

In accordance with the rules of the Texas Higher Education Coordinating Board, at least one-third of the semester hours required for any graduate degree must be completed in course work on the campus of UNT Dallas.

Degree Plan: Admission to Candidacy

The student who desires to become a candidate for the master's degree should, before or at the time of registration, confer with the major department concerning the selection of a major professor and, if a minor is desired, with the intended minor department concerning the selection of a minor professor. The major professor, minor professor, and the chair of the major department or a representative designated by the chair will constitute the student's advisory committee. The major professor will act as chair of the committee. The student's program is planned under the direction of the major and minor professors immediately after the completion of the first term/semester of graduate study. The degree plan is submitted to the graduate office when all admission provisions are complete. When the degree plan is approved by the graduate office the student will then be admitted to candidacy for the master's degree.

Certain degree programs require successful completion of a specific course for admission to candidacy. Consult the appropriate section of this catalog for the specific course requirement. Immediately after the student has completed the admission course, the proposed degree plan will be sent to the UNT Dallas Office of Graduate Admissions for final approval. When the degree plan is approved the student is admitted to candidacy for the master's degree.

All changes in the degree plan must be approved by the major professor and the department chair or department graduate advisor, and must be submitted in writing to the Office of Graduate Admissions.

Courses listed on the degree plan must carry letter grades, with the exception of those courses in which the student is engaged in individual research and is not attending an organized class. These courses, with the approval of the department, may be assigned pass/no pass grades.

No student whose academic or personal record is unsatisfactory will be admitted to candidacy for the master's degree.

Applicants will be notified by the Office of Graduate Admissions of their admission to candidacy for a graduate degree program.

Major and Minor Field

The candidate for the master's degree ordinarily is required to select a major and a minor field. To major in any field, the candidate must have completed a minimum of 24 semester hours of undergraduate courses in the field, including at least 12 hours of advanced courses prior to beginning graduate course work. Certain graduate majors require more extensive undergraduate preparation. Consult the section of this catalog describing the particular major desired for information concerning undergraduate preparation requirements.

A minor is defined as graduate work completed outside of the student's major department or school. Minor areas of study can only be chosen from academic areas in which UNT Dallas is already authorized to offer a major or concentration, or where specific Texas Higher Education Coordinating Board approval has been given to offer courses for the purposes of a minor. When an official minor is required or opted, the candidate's graduate advisory committee must include a faculty member from that area who will verify accountability in the minor area through comprehensive examinations, thesis, problem in lieu of thesis, dissertation projects, or other appropriate means.

For a master's degree, the student must complete at least 6 hours in a single area to have the area count as a minor. For master's students all hours counted toward a minor must carry graduate credit and must be numbered 5000 or above.

Twelve hours of undergraduate credit are the usual prerequisites for a minor in any field. (*Exception:* In the case of a minor in a foreign language, the student is required to have completed the second term/semester of the sophomore year of study in the intended minor language.) In departments that offer no freshman courses only 6 hours of undergraduate credit are required as prerequisite to a graduate minor in that field.

Minors are not required on certain graduate degrees. Consult subsequent sections of this publication for specific regulations governing the degree sought.

The Master's Degree without Thesis Requirement

In programs leading to the master's degree that do not require the preparation of a thesis or problem in lieu of thesis, required or elective courses are substituted for the thesis requirement. The graduate curricula at UNT Dallas foster research and/or independent learning including research experiences, mentoring between graduate faculty and graduate students, and practical training that allows for contributions to the field of study, the development of new knowledge and practical experience. These programs are identified and described in subsequent sections of this catalog.

The candidate for the master's degree under the non-thesis option is required to pass a comprehensive final examination, scheduled in accordance with the rules governing the comprehensive examination. Information concerning this requirement is available from the student's major department or school.

Requirements for the Second Master's Degree

Subject to the approval of the Office of Graduate Admissions and the department or school concerned, a graduate student may be allowed to apply up to 12 semester hours previously earned at UNT Dallas and applied toward a master's degree at an accredited institution toward a second master's degree, providing the 12 hours are in a minor or related field of study for the second master's degree.

This provision is subject to the rules governing the maximum amount of transfer and extension work that may be credited toward any master's degree and the age of work offered on a master's degree. A student simultaneously pursuing two master's degrees must complete the requirements for one degree in full before any final decision is made concerning application of any of the work on that degree toward the second degree.

Milestones for the Master's Student

- **OGA** - Office of Graduate Admissions, Director
- **ADCom** - Advisory Committee
- **GA** - Graduate Advisor
- **MP** - Major Professor
- **DC** - Department Chair

Procedure	Initiate Through	Approved By	Time
1. Apply for admission. Submit all official transcripts and an official copy of the appropriate standardized test score.	OGA	DC and OGA	At least six weeks prior to registration (seven to eight months prior to registration for foreign students). Note: Some programs have specific deadlines in advance of these suggested time periods.
2. become familiar with general regulations and appropriate master's degree section of catalog.	Student		Before registration.
3. Meet with graduate advisor assigned by department chair to plan course of study for first semester.	Admiss and GA	GA	Before first semester registration.

4. Establish advisory committee; prepare proposed degree program.	GA and DC	MP, DC, and OGA	Upon or before completion of 12 semester hours.
5. Submit degree plan to the Graduate Admissions Office for approval.	MP, GA, and Student	OGA	Upon or before completion of 12 semester hours.
6. Apply for graduation.	OGA	OGA	See graduate deadline at www.unt.edu/catalog/calendar.htm
7. Check to be sure degree program and Advisory Committee are up to date and all course work is complete.	Student		Well before final comprehensive examination. Follow regular procedures for changes.
8. Schedule and complete final comprehensive examination.	ADCom		Follow deadlines at www.unt.edu/catalog/calendar.htm
9. File graduate application to continue graduate study, if the student so plans.	OGA	DC and OGA	Immediately upon completion of all requirements for master's degree.
10. Arrange for cap and gown at University Bookstore.			By deadline date for placing order.

Enrollment

The Enrollment section explains matters related to registering for classes, dropping classes, attending classes and taking final examinations.

Mandatory New Student Orientation

All accepted undergraduate students new to UNT Dallas are required to attend an orientation for academic advisement prior to registration for classes.

New freshmen students entering in the Fall term/semester are invited to attend a two day orientation session where they receive individual attention and assistance with class scheduling. Orientation dates for students' particular major are listed at my.unt.edu where students may also register for orientation. These sessions are conducted during June, July, and August. Orientation includes campus life sessions, placement testing, academic advising, registration for classes, and completion of the tuition and fee payment process. Currently there is no fee for orientation.

Transfer students can choose to attend one of several half-day Summer Orientation sessions. Each session focuses on registering for classes, meeting with an advisor, and learning about campus resources.

Orientations are also held each January and during the summer. These sessions are for students starting classes in the Spring and Summer terms/semesters.

All new undergraduate students receive orientation information following acceptance notification.

Questions regarding Orientation should be directed to the Office of Outreach and Transitions at 972-780-3651, or visit <http://untdallas.edu/admissions/outreach-transition-programs>

New international students are required to attend an orientation conducted by the International Welcome Center. UNT International Admissions Office currently conducts international student orientations for both UNT and UNT Dallas campuses. For more information, international students should contact UNT-International (<http://www.international.unt.edu>).

Please contact the Office of Outreach and Transitions for additional information about orientation at: (972) 780-3651.

Change of Address

It is the responsibility of the student to provide correct permanent and local mailing address information at all times and on all documents at the University. Students who change their mailing address must notify the Office of the Registrar immediately by submitting the change in writing or by updating their address at my.unt.edu.

Student Load (Fall/Spring)

Undergraduate

The normal load for full-time undergraduate students is 15 semester hours for each fall or spring term/semester, or 30 hours for the nine-month academic year. **Note:** For information pertaining to the required semester hours for enrollment verification purposes, refer to "Enrollment Certification" below.

No student who registers for or earns fewer than 9 hours of college work each semester may hold a responsible extracurricular office.

An undergraduate student with a GPA of less than 3.000 may schedule a maximum of 19 semester hours.

An undergraduate student with a GPA of at least 3.000 may enroll for a maximum of 21 hours for the fall or spring term/semester by meeting the following conditions:

1. at least a 3.000 GPA on a minimum 15-hour residence load for the term/semester just completed,
2. at least a 3.000 GPA on a minimum 12-hour residence load for the summer term/semester just completed, or
3. at least a 3.000 GPA on all work completed at UNT Dallas and a minimum 24 hours of credit in residence.

Graduate

Graduate students may schedule a maximum of 16 hours during any fall or spring term/semester. For the purpose of fulfilling the graduate residence requirement, a load of 9 graduate semester hours is considered to be a full load.

Graduate students enrolled only in undergraduate courses, for undergraduate credit, may request special consideration by the Office of Graduate Admissions.

Student Load (Summer)

Undergraduate

The normal load for full-time students is 12 hours for the summer term/semester.

During the summer term/semester, a full-time undergraduate student with a GPA of less than 3.000 may select multiple sessions for a maximum of 18 semester hours.

Undergraduate students may schedule a maximum of 4 hours in 3W1 session, a maximum of 9 hours in 8W1 session, a maximum of 8 hours in 5W1 session, a maximum of 7 hours in 5W2 session, and a maximum of 15 hours in 10W session.

Note: For 3W1 (three week one) the normal load for full-time students is 3 hours. Undergraduate students may schedule a maximum of 4 hours in 3W1 session.

Graduate

A full-time graduate student with a GPA of at least 3.000 may select multiple sessions for a maximum of 18 hours.

Constraints apply to graduate course enrollment. Graduate students may schedule a maximum of 4 hours in a three week session (3W1), a maximum of 7 hours in a five week session (5W1, 5W2), a maximum of 9 hours in a ten week session (10W), or a maximum of 9 hours in an eight week session (8W1). At no time during concurrently running summer sessions can graduate students' enrollment exceed 10 hours. For purposes of fulfilling the graduate residence requirements, a load of 9 semester hours is considered a full load. Graduate students enrolled only in undergraduate courses, for undergraduate credit, may request special consideration of the dean.

Note: For 3W1 (three week one) the normal load for full-time students is 3 hours. Graduate students may schedule a maximum of 4 hours in 3W1 session.

Graduate students enrolled only in undergraduate courses may request special consideration from the Office of Graduate Admissions.

Enrollment Certification

Enrollment verification and loan deferments are completed in the Office of the Registrar and are based upon a student having registered and paid tuition and fees according to the following criteria. See "Special Conditions for Financial Aid Applicants" in the Financial Information section of this catalog for loan deferment requirements.

Undergraduate

Full Time: fall, spring or summer term/semester, 12 or more hours.

Three-Quarter Time: fall, spring or summer term/semester, 9 to 11 hours.

Half Time: fall, spring or summer term/semester, 6 to 8 hours.

Graduate

Full Time: fall, spring or summer term/semester, 9 or more hours.

Three-Quarter Time: fall, spring or summer term/semester, 6 to 8 hours.

Half Time: fall, spring or summer term/semester, 4 to 5 hours.

Extension courses are considered nontraditional credit and are excluded for certification purposes.

International students also may request the Registrar to issue letters of enrollment for the use of foreign governments, embassies, scholarship agencies and banks. Interested International students should see the Office of the Registrar for information.

Teacher Preparation

One of the following four certifications must be selected to complete the interdisciplinary studies teacher preparation degree.

- grades 4-8 english, language arts, and reading;
- grades 4-8 mathematics teacher and ESL;
- grades 4-8 science and ESL;
- grades 4-8 social studies;
- grades EC-6 generalist and EC-12 special education;
- grades EC-6 ESL generalist; and
- grades EC-6 grade bilingual generalist.

Course Auditing

Upon payment of a fee and with the written permission of the department chair and the dean of the school in which the course is taught, an individual fully eligible to enroll in the university may audit a course by attending classes with no expectation of receiving college credit for their attendance. An auditing student will not be enrolled in the class roll, and the instructor will not accept any papers, tests or examinations from the auditing student.

Attendance as an auditor may not be made the basis of a claim for credit in the course. Only one audit fee is required per semester regardless of the number of courses audited. Tuition and fee information is available online at: <http://essc.unt.edu/saucs>.

Students may request permission to audit a class on forms that will only be made available in the offices of the academic deans after classes begin.

A person 65 years of age or older may audit a course without payment of a fee, if space is available and if approved by the department chair and the appropriate dean. Such enrollment entitles the person to library privileges, but not to the use of laboratory equipment and supplies, or admission to university-sponsored fine arts events.

Registration

All registration and student-requested schedule changes are conducted via web registration at my.unt.edu. Specific information and instructions as well as dates are found online at <http://untdallas.edu/registrar> and at my.unt.edu.

Late Registration

Students who are unable to enroll during the official registration periods must pay an additional fee for late registration. Refer to <http://untdallas.edu/registrar> for late registration information.

Concurrent Registration

A student in residence who wishes to enroll concurrently at another college must first secure the written permission of the appropriate dean at UNT Dallas. Failure to obtain advance approval may result in the refusal of the university to accept such work in transfer.

Graduate students must secure written permission from the Office of Graduate Admissions **before** registering for any course or courses at another institution while registered for any course at UNT Dallas. Failure to secure the required permission for concurrent enrollment prior to registration at the second institution may cause UNT Dallas to refuse degree credit for the work taken elsewhere. In no case may the combined total of semester hours enrolled for at the two institutions exceed the maximum load permitted to graduate students at UNT Dallas.

Special provisions for avoiding more than one minimum tuition charge are available for students enrolling concurrently in more than one state-supported institution of higher education. Students planning concurrent enrollment are cautioned to check these provisions prior to enrollment in any state institution.

Enrollment at the Universities Center at Dallas

Students enrolling for upper-division undergraduate courses or graduate courses offered by the partner universities of the Universities Center at Dallas (UCD), a Multi-Institutional Teaching Center (MITC) located in downtown Dallas, may enroll at their home institution for courses offered by the other UCD universities.

Three universities cooperate in offering upper-division undergraduate courses and graduate courses at UCD: Texas A&M University-Commerce, the University of North Texas and the University of Texas at Arlington. For details and course offerings, call UCD at 214-915-1900 or visit the UCD web site at www.ucddowntown.org. UCD is located at 1901 Main Street in downtown Dallas.

Evening and Saturday Classes

A large number of classes at the graduate level are scheduled for one three-hour meeting per week during the spring and fall terms/semesters, usually on Saturday morning or on a weekday evening. These classes carry residence credit, thus enabling many people in the Dallas-Fort Worth area to pursue graduate study while continuing their employment. Consult the online schedule of classes at <http://untdallas.edu/registrar>, available prior to spring and fall registration, for schedule details.

A few of these classes also are available during summer terms/sessions. Consult the online schedule of classes at <http://untdallas.edu/registrar>.

Schedule Changes

For information concerning adding or dropping courses, consult the online *Academic Calendars* at <http://untdallas.edu/registrar> or my.unt.edu.

Advanced Placement and Credit by Examination

UNT Dallas awards undergraduate college credit on the basis of local and national examinations, subject to general limitations. This also includes military service credit and classroom instruction offered through the non-academic institutions approved by the American Council on Education. Such credit is not included in determining grade point averages and has the following additional restrictions:

1. may not be used to reduce the general degree requirement of completing a minimum of 30 semester hours in residence at UNT Dallas;
2. may not be used to reduce the general degree requirement of completing at least 24 semester hours of advanced work at UNT Dallas;
3. may not be used to reduce the general degree requirement of completing at least 12 advanced hours in the major at UNT Dallas;
4. may not be earned in any course the student has previously completed at any university; and
5. may not be earned in any course prerequisite to another course in the same subject for which the student has previously earned credit.

UNT Dallas recognizes exam credit in transfer from other accredited institutions within the limits outlined above. Scores from exam credits accepted in transfer are not re-evaluated by UNT Dallas. Credit by examination cannot be substituted for any grade, including an F earned for a course in high school, at UNT Dallas or at another college or university. The credit earned through examination will not be included in the grade point average at UNT Dallas, but it will be included in accepted semester credit hours and on the UNT Dallas transcript.

Credit and advanced placement may be granted only in accordance with policy and procedures in operation at UNT Dallas. Departments that honor the CLEP Subject Examinations, the College Board Advanced Placement Examinations or other instruments for granting advanced placement set departmental standards for their use.

Advanced Placement (AP) Examinations

Students who have received college-level training in secondary school and who present applicable scores on the appropriate Advanced Placement Examination will be granted, on request, placement and credit for comparable courses at the university following enrollment.

Visit www.unt.edu/pais/insert/ucebr.htm for updated information.

AP Examination	AP Exam Score	Semester Credit Hours	UNT Dallas Course Equivalent
Composition and Literature			
English Language and Composition	4	3	ENGL 1310D
	5	6	ENGL 1310D, 1320
English Literature and Composition	4 or 5	3	ENGL 2210D
Fine Arts			
Art History	4 or 5	6	ART 2350, 2360

Music, Listening and Literature	3, 4 or 5	3	MUMH 2040D
Studio Art - Drawing Portfolio	4 or 5	3	ART 1500
Studio Art - 2D Design	4 or 5	3	ART elective; 1000 or 2000 level
Studio Art - 3D Design	4 or 5	3	ART 1450
Languages			
Chinese Language	3	8	CHIN 1010, 1020
	4	11	CHIN 1010, 1020, 2040
	5	14	CHIN 1010, 1020, 2040, 2050
French Language	3	8	FREN 1010, 1020
	4	11	FREN 1010, 1020, 2040
	5	14	FREN 1010, 1020, 2040, 2050
German Language	3	8	GERM 1010, 1020
	4	11	GERM 1010, 1020, 2040
	5	14	GERM 1010, 1020, 2040, 2050
Italian Language	3	8	ITAL 1010, 1020
	4	11	ITAL 1010, 1020, 2040
	5	14	ITAL 1010, 1020, 2040, 2050
Japanese Language	3	8	JAPN 1010, 1020
	4	11	JAPN 1010, 1020, 2040
	5	14	JAPN 1010, 1020, 2040, 2050
Latin - Vergil	3	8	LATI 1010, 1020
	4	11	LATI 1010, 1020, 2040
	5	14	LATI 1010, 1020, 2040, 2050
Spanish Language	3	8	SPAN 1010D, SPAN 1020D
	4	11	SPAN 1010D, SPAN 1020D, SPAN 2040D

	5	14	SPAN 1010D, SPAN 1020D, SPAN 2040D, SPAN 2050D
Mathematics			
Calculus AB	3, 4 or 5	4	MATH 1710D
Calculus BC	3, 4 or 5	7	MATH 1710D, MATH 1720D
Calculus AB Subscore for the Calculus BC exam	3, 4 or 5	4	MATH 1710D
Statistics	3, 4 or 5	3	MATH 1680D
Natural and Computer Sciences			
Biology	3	6	BIOL 1112, 1122
Biology	4 or 5	8	BIOL 1710D/BIOL 1730D, BIOL 1720D/BIOL 1740D
Chemistry	4	4	CHEM 1410D/ CHEM 1430D
	5	8	CHEM 1410D/ CHEM 1430D, CHEM 1420D/CHEM 1440D
Computer Science A	4 or 5	3	CSCE 1030D
Computer Science AB	4 or 5	7	CSCE 1030D, CSCE 1040D
Environmental Science	3, 4 or 5	3	BIOL 1132D
Physics B	4 or 5	8	PHYS 1410/1430, 1420/1440
Physics C (Electricity and magnetism)	4 or 5	4	PHYS 2220D/PHYS 2240D
Physics C (Mechanics)	4 or 5	4	PHYS 1710D/PHYS 1730D
Social Sciences and History			
Economics-macroeconomics	3, 4 or 5	3	ECON 1110D
Economics-microeconomics	3, 4 or 5	3	ECON 1100D
Government and Politics - Comparative	3, 4 or 5	3	Political science elective hours

Government and Politics - U.S.	3, 4 or 5	3	PSCI 1050D
History - European	3, 4 or 5	3	History elective hours
History - U.S.	3, 4 or 5	3	HIST 2610D, HIST 2620D
History - World	3, 4 or 5	6	HIST 1050, 1060
Human Geography	3, 4 or 5	3	GEOG 1170
Psychology	4 or 5	3	PSYC 1630D

The College Board Advanced Placement Examinations are offered in May each year and are administered by The College Board in most school districts. Students typically complete an AP course offered by their high school before taking an AP examination in that subject. However, in consideration of homeschooled students and students whose schools do not offer AP courses, The College Board does not require a student to complete an AP course before taking an AP examination. All requests for information should be directed to the Advanced Placement Program of The College Board, P.O. Box 6671, Princeton, NJ, 08541-6671.

AP Credit Evaluation and Notification

Entering freshmen who took the Advanced Placement (AP) Exam for credit (and who designated that their scores be sent to the University of North Texas at Dallas, code 5999) will receive an evaluation of their scores at Freshman Orientation during the summer, if scores have been received and qualify for credit. Students who do not receive their AP evaluations at that time should check with the Office of Admissions prior to receiving academic advisement to confirm that their AP results have been received.

Former, continuing and transfer students who wish to have their AP test results applied to their UNT Dallas transcript must initiate this process through the Office of Admissions during their first term/semester enrolled at UNT Dallas. (Note: students who fail to initiate the process during their first term/semester at UNT Dallas may still be eligible to receive credit, but may be subject to the standards in place at the time of initiation, rather than those that were current when the test was taken.)

College-Level Examination Program (CLEP)

UNT Dallas recognizes credit earned through College-Level Examinations of the College Board only if the credit is first certified by the Office of Admissions. The dean of the student's school at UNT Dallas has the option of applying CLEP credit to the student's degree audit.

CLEP General Examinations

UNT Dallas does not grant credit on the basis of College Board CLEP General Examination scores.

CLEP Subject Examinations

Credit is certified but not necessarily applied to a degree if the student scores at or above the average scores of those students in the national norms sample who earned a C in regular college courses on the subject.

Effective July 1, 2001, CLEP began using a new "common recommended credit-granting score" for all CLEP exams. UNT Dallas recognizes CLEP credit recommendations as posted on the official student score report.

Use of CLEP Credit

A student may not earn examination credit for any course failed. All general regulations for credit by examination apply to CLEP credit.

CLEP Subject Examination	Maximum Semester Credit Hours
Languages	
College French (two to four semesters)	8-14 hours
College German (two to four semesters)	8-14 hours
College Spanish (two to four semesters)	8-14 hours
Mathematics	
Calculus with Elementary Functions	6 hours
Pre-calculus	5 hours
College Algebra	3 hours
Natural Science	
General Biology	6 hours
General Chemistry	6 hours
Social Sciences and History	
American Government	3 hours
History of the United States I	3 hours
History of the United States II	3 hours

Human Growth and Development	3 hours
Introduction to Educational Psychology	3 hours
Introductory Psychology	3 hours
Introductory Sociology	3 hours
Principles of Macroeconomics	3 hours
Principles of Microeconomics	3 hours
Western Civilization I	3 hours
Western Civilization II	3 hours

SAT Subject Tests

UNT Dallas does not grant college credit on the basis of The College Board SAT Subject Test scores.

Educational Experience in the Armed Services

Credit may be given for formal service school courses completed in the armed services after evaluation of official documents by the Office of Admissions. The student's academic dean decides if credit awarded for such courses will be applied toward requirements for the bachelor's degree.

Credit for Work Experience

Credit will not be granted for knowledge acquired through prior work, certification, or performance experience regardless of whether these experiences were of a paid or voluntary nature.

International Baccalaureate (IB)

UNT Dallas awards a minimum of 24 semester hours of credit to students who have completed the International Baccalaureate Program and have received the International Baccalaureate Diploma. Students must earn a minimum score of 4 on tests that count toward the diploma. The admissions office will certify the examination credit based on the qualifying scores.

A student who has completed a high school International Baccalaureate Program but has not earned the diploma and who has scored 5, 6 or 7 on the higher level IB examination will receive college credit at UNT Dallas. Credit is awarded as listed in the chart below.

Subject Area	Hours	UNT Dallas Equivalent
Arabic - Language B	14	ARBC 1010, 1020, 2040, 2050
Art/Design	3	ART 2900, applied to degree audit as lower-level elective COVAD policy regarding IB Credit)
Biology	8	BIOL 1710D/BIOL 1730D, BIOL 1720D/BIOL 1740D
Chemistry	8	CHEM 1410D/ CHEM 1430D, CHEM 1420D/CHEM 1440D
Chinese - Language B	14	CHIN 1010, 1020, 2040, 2050
Computer Science Computing Studies	8	CSCE 1030D, CSCE 1040D
Danish - Language B	14	LANG 1010, 1020, LANG 2040D, LANG 2050D
Dutch - Language B	14	LANG 1010, 1020, LANG 2040D, LANG 2050D
Economics	3	ECON 1100D
English - A1	12	ENGL 1310D, 1320, ENGL 2210D, ENGL 2220D
French - Language B	14	FREN 1010, 1020, 2040, 2050
Geography	3	GEOG 1200
German - Language B	14	GERM 1010, 1020, 2040, 2050
Hebrew - Language B	14	HEBR 1010, 1020, 2040, 2050
Hindi - Language B	14	LANG 1010, 1020, LANG 2040D, LANG 2050D
History	6	HIST 1060, HIST elective
History - Culture of the Islamic World	3	HIST elective
History of the Americas	3	HIST elective
Italian - Language B	14	ITAL 1010, 1020, 2040, 2050
Japanese - Language B	14	JAPN 1010, 1020, 2040, 2050
Management	3	MGMT elective
Mathematics	4	MATH 1710D

Music	3	Music elective
Norwegian - Language B	14	LANG 1010, 1020, LANG 2040D, LANG 2050D
Physics	8	PHYS 1410/1430, 1420/1440
Portuguese	14	PORT 1010, 1020, 2040, 2050
Psychology	3	PSYC 1630D
Russian - Language B	14	RUSS 1010, 1020, 2040, 2050
Spanish - Language B	14	SPAN 1010D, SPAN 1020D, SPAN 2040D, SPAN 2050D
Swedish - Language B	14	LANG 1010, 1020, LANG 2040D, LANG 2050D
Visual Arts	3	Visual Arts elective

Note: The minimum score requirements for awarding credit based upon International Baccalaureate examinations is under review and subject to change.

The IB institution code for UNT Dallas is 01800. Students should use this code when requesting to have IB scores sent to the UNT Dallas undergraduate admissions office.

Admission policies are reviewed periodically and are subject to change. Check the UNT Dallas web site at <http://untdallas.edu/admissions> for the latest admission information or contact the Office of Admissions at 972-780-3645, 877-868-3257, Dallas-Fort Worth Metro 972-780-3600. Answers to the most frequently asked questions can be viewed at (<http://untdallas.edu/admissions>); if a particular question is not answered there, it can be e-mailed to the Office of Admissions through that site.

Student Attendance

Policy Statement: The University of North Texas at Dallas ("UNTD" or "the University") recognizes that student success is promoted by the expectation of regular attendance and participation in class.

Application of Policy: This policy applies to all students.

Definitions:

1. **Active Military Service:** "Active Military Service" includes active military service performed by a member of the Texas National Guard of the Texas State Guard.
2. **Reasonable Time:** "Reasonable Time" means no fewer than 10 days.
3. **Religious Holy Days:** "Religious Holy Days" means a holy day observed by a religion whose place of worship are exempt from state property tax.
4. **Student:** "Student" includes students enrolled in distance education, self-paced and other asynchronous courses.

Procedures and Responsibilities

Class Attendance:

1. Responsibility for class attendance rests with students. Regular and punctual attendance at all scheduled classes is expected.
2. Faculty members will clearly state their policy regarding class absence and the impact of absences on course grades on their course syllabi. Absences may lower a student's grade where class attendance and class participation are deemed essential by the faculty member.
3. A faculty member who informs students in writing about the necessity of class attendance may request that the Registrar drop a student from a course with a grade of WF upon the accumulation of the stated number of absences. Instructor drops for non-attendance may be processed up to two (2) weeks prior to the first day of final examinations for the fall or spring semester and equivalent dates for summer. If the instructor-initiated drop action falls within the time the student is eligible to drop with instructor consent and without penalty, the Registrar will notify the student that a WF will be recorded unless the student initiates the drop procedure, in which case a W will be assigned.

Excused Absences:

1. An absence may be excused for the following reasons:
 - a. Religious holy day, including travel for that purpose;
 - b. active military service;
 - c. participation in an official university function; or
 - d. illness or other extenuating circumstances.
2. A student is responsible for requesting an excused absence in writing, providing satisfactory evidence to the faculty member to substantiate the excused absence and delivering the request personally to the faculty member assigned to each course.
3. When the absence is excused, the faculty member will provide a reasonable time after the absence for the student to complete the assignment or examination.

Student Absence Due to Religious Holy Day:

A student may be excused from attending classes or other activities, including examinations, for observance of a religious holy day, including travel for that purpose.

1. A student should notify a faculty member of anticipated absence to observe religious holy days as early in semester as possible.
2. An excused student may not be penalized for the absence and must be allowed to take an examination or complete an assignment from which the student is excused within a reasonable period after the absence. The faculty member may take appropriate action if a student fails to satisfactorily complete an assignment or examination.
3. If a student and faculty member disagree about the nature of the absence being for the observance of a religious holy day or about whether the student has been given reasonable time to complete any missed assignments or examination, either the student or the faculty member may appeal to the Provost. The student and faculty member will abide by the decision of the Provost.

Student Absence Due to Military Service:

A student will be excused from attending classes or other activities upon providing notice of participation in active military service.

1. A student called to active military service must provide a copy of the student's military order to each faculty member instructing a course in which the student is enrolled.
2. An excused student will not be penalized for an absence due to military service and will be allowed to take an examination or complete an assignment from which the student is excused within a reasonable period after the absence.
3. The course syllabus or instructional plan for a course in which a student was enrolled when called to active military service will be retained so that the student may complete the course without prejudice and pursuant to the course requirements that were in effect when the student enrolled in the course upon the student's return from active military service. All course work completed by the student prior to being called to active military service will be retained until the student returns.

4. A student who returns from active military service who will not be able to satisfactorily complete and outstanding assignments or examinations within a reasonable period of time must contact the Office of the Provost to develop a written plan and timeframe for completing all outstanding assignments or to make any other arrangements as may be appropriate under the circumstances.
5. The maximum period for which a student may be excused will be no more than 25% (twenty-five percent) of the total number of class meetings or the contract hour equivalent (not including the final examination period) for the specific course or courses in which the student is currently enrolled at the beginning of the period of active military service.
6. A student returning from active military service who believes that they have not been given full and fair treatment in accordance with this policy, or all other relevant state or federal laws relating to return from active military service, may seek review by the Provost will review the complaint asserted by the student, meet with all university officials who may have knowledge of the circumstances, and attempted to resolve the dispute amicably in accordance with UNTD policy and state and federal law.

Student Absence for Official University Functions:

Student absences due to participating in a university function or activity must be approved in advance by the department chair and the academic dean. Within three (3) days after the absence, students must obtain absence cards from the Office of the Provost to be presented to faculty members. Excused students who present authorized absence cards will be permitted to make up missed work when practicable or will be given specialized consideration so that they are not penalized for their absence.

Student Absence Due to Illness:

In case of an illness that will require absence from class for more than one (1) week, the student should notify his or her academic dean. The dean's office will inform the appropriate faculty members. In case of class absence due to a brief illness, the student should inform the faculty member directly.

Course Drop

1. A student may drop a course prior to the census date (the 12th class day of the fall or spring semester or the equivalent dates in a summer session) in the Office of the Registrar. Courses dropped prior to the census date will not appear on the student's transcript and will not be included in the limitation of dropped courses as set forth below. .
2. After the census date a student must receive written approval from the faculty member prior to dropping a course. A faculty member may withhold consent to drop a course for any reason that has been communicated to students, in writing, at the start of the semester.
 - a. If a course is dropped prior to the end of the sixth week of classes for the fall or spring semester or the equivalent dates for the summer sessions the faculty member will assign a grade of W.
 - b. If a course is dropped after the sixth week of class for the fall or spring semester or the equivalent dates for the summer session and the student maintains a passing grade at the time the course is dropped the faculty member will assign a grade of W.
 - c. If a course is dropped after the sixth week of class for the fall or spring semester or the equivalent dates for the summer session and the student is not maintaining a passing grade at the time the course is dropped the faculty member will assign a grade of WF.
3. No student may drop any course after the date designated by the Office of the Registrar during the tenth (10th) week of the fall or spring semester, or the equivalent date of the summer session.
4. No student may drop more than six (6) courses during their academic program except as set forth below. A faculty member or the Registrar may refuse to allow a student to drop a course if the student has dropped six (6) courses previously.
5. Students applying for financial aid must contact the Office of Financial Aid prior to dropping any class in order to understand the potential impact of the dropped course on student financial aid eligibility.
6. All relevant course drop dates will be published annually by the Registrar and will be made available on the UNT Dallas on-line academic calendar. All drop procedures must be completed by 5:00 p.m. on the deadline dates specified on the UNT Dallas academic calendar.

Limitations on Course Drops

Undergraduate students who enrolled in higher education for the first time after fall 2007 will not be permitted to drop a total of more than six (6) courses, including any course a transfer student dropped at another institution unless the student shows good cause for dropping more than six (6) courses, including but not limited to a showing that:

1. A severe illness or debilitating condition affects the student's ability to satisfactorily complete a course;
2. The student's responsibility for the care of a sick, injured or needy person if the provision of that care affects the student's ability to satisfactorily complete the course;
3. The death of a person who is considered to be a member of the student's family or who is otherwise considered to have a sufficiently close relationship to the student that the person's death is considered to be a showing of good cause;
4. The active duty service as a member of the Texas national Guard or the armed forces of the United States of either the student or a person who is considered to be a member of the student's family or who is otherwise considered to have a sufficiently close relationship to the student that the person's active military service is considered to be a showing of good cause;
5. The change of the student's work schedule that is beyond the control of the student and affects the student's ability to satisfactorily complete the course; or,
6. Other good cause as determined by the Assistant Provost for Academic Excellence.

Courses dropped for complete withdrawal from UNT Dallas are not calculated for purposes of the course drop limitation.

This limitation does not apply to courses dropped prior to the 12th day of classes or to courses dropped with a grade of WF. Courses dropped for complete withdrawal from UNT Dallas are not calculated for purposes of the course drop limitation.

Requests for exception to the drop limitation must be made in writing to the student's academic dean and must occur during the semester that the dropped course was taken.

Leave of Absence

Leave of absence applies to students admitted to the master's or doctoral degree who wish to discontinue work toward the degree for a specified period of time due to exigent circumstances. Leave of absence may be granted by the academic program, which then notifies the Office of Graduate Admissions. If the student has begun thesis or dissertation and is under the continuous enrollment requirement, a waiver of continuous enrollment must also be requested and approved by the Graduate School. Degree requirements and graduation must be completed within the appropriate time limit for completion of the degree. (See "Time Limitations")

Withdrawal from UNT Dallas

A student may withdraw from UNT Dallas any time prior to two (2) weeks before the first day of final examinations for the fall or spring semester or the equivalent dates for summer session.

The Registrar will record a W for each course in which a student was enrolled for withdrawals processed prior to the sixth (6th) week of classes for the fall or spring semester or the equivalent for summer sessions. For withdrawals process by the Registrar after the sixth (6th) week of classes for the fall or spring semester or the equivalent for summer sessions, the a W will be recorded for those courses in which a student was passing at the time of withdrawal and a WF will be recorded for those courses which a student was not passing at the time of withdrawal.

Students called to active military service during a semester in which they are enrolled may be entitled to a refund of tuition and fees if they withdraw or the student may be entitled to receive a final grade or incomplete grade in courses. Students should contact the Office of the Registrar at 972-780-3664 to determine their options.

Students seeking to withdraw for medical reasons should consult the relevant UNT Dallas policy.

Official dates and deadlines for withdrawing are specified in the Academic Calendar at <http://untdallas.edu/registrar>.

Notice:

- Students receiving financial aid also must contact <http://untdallas.edu/financial-aid> before dropping a class or withdrawing. Students receiving financial aid may be required to go through an exit interview with a financial aid counselor before they are permitted to withdraw.
- Students who withdraw from UNT Dallas will have student services and privileges terminated.
- To receive a refund for a parking permit, a student must return the parking permit to the Student Financial Services.

Effects of Withdrawal on Academic Status

Any student who withdraws from UNT Dallas prior to the end of the sixth week of classes (or the equivalent dates for summer sessions) is given grades of W and is not penalized with a reduced CGPA. Any student who withdraws after this period, but at least two weeks before the first day of final exams (summer session, six class meetings prior to finals; three week session, three class meetings prior to finals), is given grades of W or WF depending upon the student's grade average at the time of withdrawal. Grades of WF are included as hours attempted in calculating a student's minimum UNT Dallas cumulative grade point average required to remain in good standing. A student who does not officially withdraw from the university is held responsible for grades of F and is placed on probation or suspended from the university if the grades of F bring the CGPA below the minimum required.

Pre-Finals Week

So that students can more adequately prepare for their final examinations, special rules apply to the seven calendar days preceding the final week of each fall and spring term/semester.

During pre-finals week, student organizations do not meet; activities requiring student participation such as field trips or performances by dance, drama or music ensembles are not scheduled.

On the Friday of the week immediately preceding final exams (reading day), no classes are held.

Final Examinations

Faculty members are expected to administer final examinations at the designated times during the exam week of each long semester and during the specified day of each summer term. Any deviation from the published schedule of final examinations must be approved in advance by the appropriate academic dean.

Students who have as many as three final examinations scheduled on one day may appeal to their academic dean to reschedule one of those examinations on another day during the final examination period.

Commencement

Application for Graduation (Undergraduate Students)

Applications for graduation are available in Academic Advising located in Building 1. (Visit <http://untdallas.edu/registrar> for degree application deadlines.)

Degree applications are accepted only from undergraduate students who have a minimum overall C average. See "General University Requirements" in the Academics section of this catalog for grade point calculation details. Before applying, the student also must remove grades of I in required courses necessary for graduation if these courses increase the term/semester load beyond the maximum permitted.

Students otherwise eligible for graduation who complete their final course or courses elsewhere will not graduate at the end of the term/semester or summer session/term in which the work is completed because of the time required for obtaining transcripts; such students will have their degrees conferred at the close of a subsequent UNT Dallas term/semester.

August graduates may file for graduation before the end of the spring term/semester.

Application for Graduation (Graduate Students)

It is the responsibility of the student to stay abreast of progress toward the degree and to file the appropriate degree application in the office of the graduate dean. Consult the Applying for Graduation information page at www.tsgs.unt.edu/academics/graduation for the proper dates. The applicant's grade point average on all graduate work attempted must be at least 3.0 for the application to be accepted.

Because of the time required for receipt of transcripts, students otherwise eligible for graduation who complete their last course or courses elsewhere will not graduate at the end of the term/semester or summer session/term in which the work is completed, but will receive their degree at the close of a subsequent UNT Dallas term/semester or summer session/ term.

Students anticipating graduation should consult the Applying for Graduation information page for final dates for payment of fees and meeting other graduation requirements.

Graduation with Honors

Candidates for graduation whose overall grade point average, based on grades earned in University of North Texas at Dallas resident credit courses and transferred resident credit courses, is at least 3.500 but less than 3.700 are eligible to graduate cum laude; those whose GPA, as defined above, is at least 3.700 but less than 3.900 are eligible to graduate magna cum laude; and those whose GPA, as defined above, is 3.900 to 4.000 are eligible to graduate summa cum laude.

Hours earned through correspondence and extension courses, or pass/no pass courses, may not be counted in calculating the GPA for determination of eligibility for graduation with honors. Candidates for a second bachelor's degree are not eligible for graduation with honors.

Commencement Exercises

Commencement exercises are held in May and December. Diplomas are mailed to candidates approximately eight weeks after the end of the semester in which the student has applied for graduation and the coursework has been verified.

Student Life

The following section includes some of the many services provided to students from Student Affairs. For more information, call (972) 338-1775 or e-mail: StudentAffairs@unt.edu.

Disability Services

The Office of Disability Services provides numerous services to students with all types of physical and learning disabilities, including testing space and auxiliary space. Students with questions or concerns, and those wishing to request an accommodation should call Rosemary Meredith, Disability Services Coordinator, at 972-338-1775, TTY access: 888-937-9291

First Year Seminars

A course offered to first year students to teach them the ins and outs of becoming successful UNT Dallas students and connect them with other new students as well as faculty and staff through a shared academic experience.

Student Organizations

An array of student clubs and organizations offer UNT Dallas students friendships with people of similar and varied interests and avenues for organized and meaningful service. Included are national honor societies, national professional societies, departmental clubs, and special focus groups. Enjoy your student experience at UNT Dallas by joining or starting a group of like-minded class-mates. For information, call Student Affairs at (972) 338-1775.

Career Fairs

Area organizations come to UNT Dallas to find qualified and motivated employees for all types of employment opportunities each semester coordinated by Career Services.

Career Services

Career Services offers a variety of career advising, major decision, and job search services, computerized programs, workshops, in-class assignments, career assessments, and graduate school planning/guidance. Career Services assist students with using social media for the job search and how to create an academic and career portfolio. Career Services provides a variety of employment opportunities - full-time and part-time employment opportunities, and internships and volunteer experiences off campus to currently enrolled students and alumni. For information, call 972-338-1775 or email StudentAffairs@unt.edu.

Counseling

The Office of Wellness Services maintains strict confidentiality of records and counseling relationships. No information disclosed in a counseling relationship is shared with anyone inside or outside the University unless provided by law.

Student Advocacy is available through Student Affairs. Students may come discuss issues with staff and receive referrals to campus/ community resources for a number of concerns, including: Academic and other adjustment problems ; Test anxiety ; Career indecision; Romantic or other relationship problems; Grief related to the loss of family member or friend; Stress; Family conflict; Major-life changes; Depression; Thoughts of suicide; Hopelessness; Anxiety; Alcohol and drug problems.

Contact Student Affairs for more information.

Student Resources

Academic Advising

The University of North Texas at Dallas is committed to providing effective advising services to students as an essential component of their educational experience. Students are encouraged to seek academic advising regularly throughout their academic careers, preferably at least once a semester. *Students are responsible for initiating advising contact and preparing for advising sessions.*

UNT Dallas's advising systems are available to all students to assist in and provide for the following:

1. **Goal setting.** Help students set both short-term and long-term educational goals.
2. **Information.** Inform students of the graduation requirements of their department, help with strategic course selections so as to minimize the number of semesters required for graduation, and inform students of career opportunities in their field of study.
3. **Transitions.** Inform students how to change majors and provide information to explain the process students follow to enroll in their curriculum and to drop or add courses during the semester.
4. **Accessibility.** Have reasonable hours and methods of availability for students. Students should be able to set up appointments for an adequate amount of time to make curricular selections.
5. Referral to campus resources. Be able to refer students to various campus resources

Students are ultimately responsible for fulfilling all the requirements of the curriculum in which they are enrolled.

Students share responsibility for a successful university experience and are expected to contribute to effective advising sessions by:

1. Participating in orientation programs, providing standardized test scores, and providing an academic history that aids in course selection decisions.
2. Working with an advisor to develop and implement both short- and long-term educational and career goals.
3. Knowing academic policies and procedures, academic calendar deadlines, and degree or program requirements.
4. Consulting with an advisor when necessary and following through on recommendations.
5. Scheduling and keeping appointments with an advisor. Coming prepared for appointments by bringing appropriate materials, identifying course choices from requirements of the preferred program or major, and identifying questions to address.
6. Informing an academic advisor of any special needs, deficiencies, or barriers that might affect academic success.
7. Remaining informed of progress in meeting academic requirements, carefully maintaining academic records, and seeking assistance to resolve any errors or questions.

Students must be pursuing a degree program that is currently being offered at UNT Dallas to get accurate academic advising. If a student chooses to transfer to another institution or complete courses towards a degree program that is not currently being offered by UNT Dallas, there may have additional course work to complete and UNT Dallas Advisors are not responsible for advising curriculum that UNT Dallas does not support.

Academic Support

University College Academic Support Office provides services for:

- Texas Success Initiative
- Testing/Placement
- Learning Center (labs and tutoring support)
- Performance & Attendance Warning System (PAWS)
- Academic Coaching

Texas Success Initiative (TSI)

TSI is a program which requires testing in reading, mathematics, and writing to ensure that all students attending public universities in Texas have the skills necessary to perform effectively in college-level coursework. The Academic Support Office administers approved TSI exams. A fee is charged to take a TSI approved exam.

Math Placement

Students interested in placing into College Algebra or higher math class should schedule with Academic Support to take the math placement exam. The placement exam may be taken once per semester of enrollment at no cost. The following are prerequisites for College Algebra:

- Passed a UNT Dallas math course with a minimum grade of C, or
- Passed a transfer course at the level of UNT Dallas' MATH 1100D - College Algebra (or above) with a minimum grade of C

The Learning Center

The Learning Center offers three labs for supplemental instruction. The labs are open for extended hours during the weekdays and by appointment on weekends. Students are also encouraged to use the labs for individual or group study. All labs are equipped with computers and appropriate software.

Writing Center - The Writing Center is a free service for UNT Dallas students to help you with all your writing needs. Appointments are required for writing consultations. Students may schedule tutoring sessions online by visiting www.untdallas.edu/writingcenter and logging on to GradesFirst. Walk-ins are limited, so we ask students to prepare and book appointments in advance. For more questions on scheduling your writing appointment email AcademicSupport@untdallas.edu.

Math Lab - The Math Lab provides free tutoring and homework assistance for students in UNT Dallas math related classes. The Math Lab staff will answer specific question, help you get started on problems, check that you are approaching a problem correctly and encourage you through the process. No appointment is needed in the math lab.

Language Lab - The Language Lab offers software on computers for students to practice and improve their Spanish language speaking and listening skills. Students are encouraged to do independent study or schedule an appointment.

Performance & Attendance Warning System (PAWS)

At UNT Dallas, emphasis is placed on academic excellence and student success for each and every student, and we will alert you for anything that puts your academic achievement at risk. You will be expected to attend classes regularly and punctually, and complete all course requirements on a timely basis. If you have unexcused absences from class that might affect your grade, your instructor will send an Attendance Alert to the University College, and we will contact you; similarly, if your course work shows a need for supplemental instruction, your instructor will send a Performance Alert, and we will work with you in planning the academic support needed for you to succeed. The academic support may be offered in the Learning Center in the form of tutorial assistance, peer group help, or self-help sessions.

Academic Coaching & Learning Skill Assessment

Students can schedule individual appointments with a learning specialist to discuss goal setting, time management, study skills, & reading strategies, test-taking skills, and classroom note-taking. You can also make an appointment to take the Learning and Study Strategies Inventory to help identify your learning strengths and weaknesses and then devise an academic success plan built upon your strengths.

Learning Foundations

A course offered to assist students in understanding both the theoretical and practical applications of learning theory in order to increase motivation and develop strategies that relate to problem solving and persistence in college. Students on academic alert and academic probation are encouraged to take this course.

Workshops

Students can attend a variety of academic success workshops throughout the semester. Topics include: Writing APA; Test-taking strategies; Brain Style; LASSI (Learning and Social Skills Inventory); Time Management & Goal Setting.

Check the activities calendar for scheduled workshops or contact the Office of Wellness Services to set up an individual appointment.

Counseling Services and Wellness Services

Students can receive counseling services and wellness services from Dr. Jamaica Chapple at 972.338.1779

Counseling Clinic

The UNT Dallas Counseling Clinic provides counseling services including: Play therapy; Individual counseling; Group counseling; Couples counseling; Family counseling. There is a nominal fee for each session.

Clinic hours vary per semester.

The counseling clinic is associated with the UNT Dallas Master's Program in Counseling. Counselors-in-training provide counseling services under the supervision of counseling program faculty.

For more information, clinic hours, or to schedule an appointment, please contact: Evette Thomas at 972-780-3646.

The Counseling Clinic maintains strict confidentiality of records and counseling relationships. No information disclosed in a counseling relationship is shared with anyone inside or outside the University unless provided by law.

Library Services

Our predominantly electronic (or virtual) library provides research and instructional services and support for students and faculty. The library has access to a large number of electronic databases, full-text books, and other materials available for use both on and off campus.

Through the library's membership in TexShare, students and faculty may obtain a TexShare card and borrow materials at college, university and public libraries throughout the state of Texas. For materials not owned by UNT System libraries, Interlibrary Loan Services may borrow items from libraries throughout the world.

Students also have access to other UNT System libraries in Denton and Fort Worth.

Computer Services

Centralized computing services that support instruction, research and student learning are provided through the Information and Technology Shared Services Department. These services include support for a wide range of computing platforms, student messaging, training, consulting and a university computing help desk (<http://www.untdallas.edu/its/services>).

Computer networks are installed in all academic departments, providing Internet connectivity. Wireless networking (JagNet) is available in the campus buildings. Online elements of courses are offered with support from the Center for Learning, Enhancement, Assessment and Redesign using computing systems supported by the Computing and Information Technology Center through a shared services agreement.

Student Computing Services

Two general access microcomputer laboratories, housing approximately 70 computers, are available to all students for use of Windows personal computers. Laser printers are provided in all labs. Three computer classrooms serve students in particular courses.

UNT Dallas provides electronic mail to all students via EagleConnect, a web-based e-mail and calendar system. EagleConnect is used as an official communication medium between the university and students. Internet services available to students include personal web page publishing and online file storage.

Research Computing Support

Academic Computing Services and User Services (ACS/US) provides support for a variety of microcomputer-based software applications through a shared services agreement. Site licenses are maintained for microcomputer versions of SPSS, SAS, S-Plus, STATA, and Matlab, which provide statistical analysis capabilities.

Several statistical analysis packages, including SAS, SPSS and S-Plus, are provided in the general access labs.

ACS/US serves as a repository for a substantial body of machine-readable data including the Inter-University Consortium for Political and Social Research (ICPSR) data archives, Standard and Poor's COMPUSTAT and the

Center for Research in Security Prices' (CRSP) data sets. The University Libraries also maintain a number of databases and other research materials that are accessible through the campus network.

Consulting, Training and Help Desk Services

Consulting and training are provided by Information and Instructional Technology to facilitate the use of research and instructional computing facilities by students. A series of short courses is offered each term/semester to allow students to gain the expertise necessary for effective use of campus computer systems and software. A number of computer-based training programs are accessible within student laboratories or via the web (<http://www.untdallas.edu/its/services>). Experienced consultants are available to assist students with technical problems.

The Information and Technology Shared Services (ITSS) department operates a campus-wide help desk service to provide students with information and help on a variety of computing problems (<http://www.untdallas.edu/its/services>).

JAG Wire, ITSS's newsletter, is published regularly and serves as an excellent resource for current information systems at UNT Dallas. Current and past issues are available via the department web site (<http://www.untdallas.edu/its/services>).

Identification Card

The identification card is distributed during registration after all fees have been paid. The card entitles the bearer to student admission to campus programs, dances, movies, and general access computer laboratories. It provides identification at the libraries for checking out materials. *As the student's official university identification, it must be presented to any UNT Dallas official upon request.*

Lost ID cards may be replaced for a \$5 charge at IT Shared Services. Misplaced ID cards that have been turned in are held in IT Shared Services.

The card is void upon termination or interruption of enrollment. Students are asked to retain their ID cards, even though they may not be enrolled. The cards are reactivated upon subsequent enrollment.

Fraudulent use of the ID card subjects the user to a fine not to exceed \$4,000, confinement not to exceed one year, or both (Class A Misdemeanor). Anyone who uses the ID card to give false information to a police officer is subject to a fine of not more than \$500 (Class C Misdemeanor).

Administration and Faculty

Governance

The Board of Regents is the governing body of the University of North Texas System, which includes the University of North Texas at Dallas, the University of North Texas Health Science Center at Fort Worth, and the University of North Texas. The Board is composed of nine members who are appointed by the Governor of Texas and confirmed by the Senate. The members are appointed for staggered terms of six years each.

UNT Dallas Administration

The President is the chief executive officer of the institution and has general authority and responsibility for the administration of the University, subject to the policies and rules of the Board and under the direction of the Chancellor. Assisting the President with these administrative responsibilities is a solid core of experts in the educational arena as well as seasoned business professionals. The faculty and staff of UNT Dallas are committed to providing quality degree programs and services and take pride in the services it provides its students and the surrounding community.

Governance and Administration

UNT System Board of Regents

Brint Ryan, Chair (2015), Dallas
Michael R. Bradford (2015), Midland
Milton B. Lee (2017), San Antonio
Steve Mitchell (2015), Richardson
Donald Potts, Vice Chairman (2017), Dallas
Rusty Reid (2019), Fort Worth
Gwyn Shea (2019), Irving
Al Silva (2017), San Antonio
B. Glen Whitley (2019), Hurst
Chris Vera (2014), Student Regent

UNT Dallas Administration

Ronald T. Brown, PhD, President
Lois Becker, PhD, Provost and Vice President of Academic Excellence and Student Success
Thad Anglin, EdD, Associate Provost for Student Success
Angie Castillo, Executive Assistant to the President
Levi Davis, Special Assistant to the President for Urban and Community Development
Barry Lewis, Interim CFO and Vice President for Finance and Administration
David Kirkwook, Interim Director of Marketing and Communication
Ana Rodriquez, Special Assistant to the President for External Affairs and Assistant Vice President for University Advancement
Brandon Starr, Vice President for University Advancement and President and CEO, UNT Dallas Foundation

UNT System Administration

Lee F. Jackson, MPA, Chancellor of the University of North Texas System
Rosemary Haggett, PhD, Vice Chancellor for Academic Affairs and Student Success
Vacant, Vice Chancellor for Administration and Chief of Staff
James Maguire, Vice Chancellor for Facilities Planning and Construction
Nancy S. Footer, JD, Vice Chancellor and General Counsel
Jack Morton, JD, Vice Chancellor for Governmental Relations
Janet Waldron, Vice Chancellor for Finance
Michelle Finley, Chief Internal Auditor

Academic Deans

Glenda Balas, PhD, Dean of Liberal Arts and Life Sciences
Sheryl Santos-Hatchett, PhD, Dean of Education and Human Services
Isaura Flores, PhD, Interim Dean of Business

UNT Dallas 2014-2015 Faculty

August 25, 2014

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

AMIN, IFTEKHAR, Assistant Professor of Human Services. BS, University of Dhaka; MA, University of Dhaka; MA, University of Texas at Arlington; PhD, University of North Texas

ARXER, STEVEN, Assistant Professor of Sociology. BS, Barry University; MA, University of Miami; PhD, University of Florida

ARYA, VINOD, Professor of Mathematics. MS, Meerut University; PhD, University of Roorkee

BABCOCK, MATTHEW, Assistant Professor of History. BA, Dartmouth College; MA, University of New Mexico; PhD, Southern Methodist University

BAGGERLY, JENNIFER, Chair of Counseling and Human Services; Associate Professor of Counseling. BA, Trinity University; MA, Colorado Christian University; PhD, University of North Texas

BALAS, GLENDA, Dean, of Liberal Arts and Life Sciences and Professor of Communication Studies. BA, Eastern New Mexico University; MBA, Eastern New Mexico University; PhD, The University of Iowa

BARTULA, AARON, Assistant Professor of Criminal Justice/Sociology. BS, The University of Texas at Austin; MS, Loyola University, PhD, The University of Texas at Dallas

BORGES, WALTER, Assistant Professor of Political Science. BA, Cornell University; PhD, University of Texas at Dallas

BROWN, RONALD T., President and Professor of Psychology. BA, Emory University; PhD, Georgia State University

BRYANT, LARRY CURTIS, Assistant Professor of Teacher Education/Special Education. BS, St. Cloud State University; MS, St. Cloud State University; MS, University of Wisconsin at Madison; PhD, University of Wisconsin at Madison

CASA DE CALVO, MARIO, Associate Professor of Psychology. BA, University of Michigan; MA, Texas Tech University; PhD, Texas Tech University

CELIK, MEHMET, Assistant Professor of Mathematics. BA, Marmara University; PhD, Texas A&M University

CHOE, GRETCHEN, Lecturer of Criminal Justice. BBA, University of North Texas; MS, University of North Texas; JD, University of Houston

CIRIZA-LOPE, MARIA DEL PUY, Assistant Professor of Spanish. BA, Deusto University Bilbao; MA, University of Illinois at Urbana-Champaign; PhD, University of Illinois at Urbana-Champaign

DICKMAN, CHRISTOPHER, Assistant Professor of Language & Communication. BA, The Ohio State University; MA, Saint Louis University, PhD, Saint Louis University

FLORES, ISAURA, Assistant Professor of Business/Management. BS Instituto Tecnologico de Estudios Superiores de Monterrey; MBA, Instituto Tecnologico de Estudios Superiores de Monterrey; PhD, Instituto Tecnologico de Estudios Superiores de Monterrey

FORY, RONALD, Lecturer of Business/Accounting. BA, Parker College; MPA, University of Texas at Arlington

FRANTZ, AUBREY, Lecturer in Biology. BA, University of Kentucky; PhD, University of Kentucky

FRIESEN, DANIEL, Assistant Professor of Business. BS, McNeese State University; MBA, McNeese State University; PhD, University of Texas at Arlington

GOKTAN BILHAN, A. BANU, Assistant Professor of Business. BA, Middle East Technical University; MBA, Dokuz Eylul University; PhD, University of North Texas

GRAHAM, YOLANDA, Lecturer in Elementary Math Education. BS, Oral Roberts University, MA, Oral Roberts University

GREEN, ERIC, Assistant Professor of Counseling. BA, University of Louisiana-Lafayette; MS, University of Louisiana-Lafayette; PhD, University of New Orleans

GUEVARA, RUTH, Lecturer of Teacher Education. BS, Pan American University; MEd, Texas Woman's University; EdD, Texas Woman's University

HAHN, RANDALL, Associate Professor of Business Accounting. BS, Murray State University; MBA, Murray State University; DBA, University of Kentucky

HAMILTON, DONNA, Assistant Professor of Biology. BS, Midwestern State University; MS, Midwestern State University; PhD, Texas Tech University

HARRIS, PAMELA, Assistant Professor of Visual Arts. BA, Illinois State University; MFA, Memphis College of Art

HOLDEN, RICHARD, Professor of Criminal Justice and Interim Executive Director of Caruth Police Institute . BS, Abilene Christian University; MS, Abilene Christian University; PhD, Sam Houston State University

HY, RONALD, Professor of Economics. BS, Central Michigan University; MA, Central Michigan University; PhD, Miami University

JANECEK, UVALDINA, Assistant Professor of Bilingual Education. BFA, Southern Methodist University; PhD, The University of Texas at Arlington

JESMIN, SYEDA, Assistant Professor of Sociology. MSS, University of Dhaka; MA, University of Texas at Arlington; MPH, UNT Health Science Center; PhD, University of North Texas

JOHNSON, GWENDOLYN, Assistant Professor of Teacher Education/Mathematics. BS, Bowling Green State University; MBA, Bowling Green State University; PhD, University of South Florida

KAHNG, BYUNGKIK, Assistant Professor of Mathematics. BS, Seoul National University; MS, Stanford University; PhD, University of Illinois at Urbana-Champaign

KHAN, NOUREEN, Assistant Professor of Mathematics. MS, University of Texas at Dallas; PhD, University of Texas at Dallas

KING, CINDY, Assistant Professor of English. BA, University of Toledo; MA, University of Southern Mississippi; PhD, Florida State University

KOVALYOVA, NATALIA, Assistant Professor of Communications. Diploma, Kubanskiy State University; M.Ed. University of Massachusetts; PhD, University of Texas at Austin

LACY, CONSTANCE, Senior Lecturer of Human Services. BSW, University of North Texas; MSSW, University of Texas at Arlington; PhD, University of Texas at Arlington

LIN, YU-FEN, Assistant Professor of Counseling. BA, Dang-Chiang University; MDiv, Taiwan Theological College & Seminary; MS, Texas A&M-Commerce; PhD, Sam Houston State University

MALKI, MOSTAFA, Assistant Professor of Economics. BA, University of Massachusetts-Boston; MA, University of Alabama; MS, Auburn University; PhD, Auburn University

MANZI, JEFFREY, Lecturer of Business and Finance. BS, The Ohio State University; MBA, The University of Akron; MS, Kaplan University; PhD, Kent State University

MASON, PAULA, Lecturer in Reading Education. BBA, University of Texas at Arlington; ME, Texas A&M University-Commerce; EdD, Texas A&M University-Commerce

MATTHEWS, CYNTHIA, Lecturer in Counseling. BS, Brigham Young University; MOB, Brigham Young University; MS, Texas A&M University-Commerce; PhD, Texas A&M University-Commerce

MITRA, SUBHRO, Assistant Professor of Business/Logistics and Supply Chain. BS, North Bengal University; MBA, Calcutta University; PhD, North Dakota State University

MOSS, GLENDA, Chair of Teacher Education and Administration; Professor of Education. BA, East Texas State University; MEd, University of Texas at Tyler; EdD, Stephen F. Austin State University

MUNIZ, ELIZABETH, Lecturer of Business/Management. BA, University of Central Florida; MS, University of Central Florida; PhD, University of Central Florida

NARAYAN, RATNA, Associate Professor of Teacher Education/Science Education. BSc, Bombay University; MSc, Bombay University; BEd, Bombay University; PhD, University of Georgia

PATTON, JOY, Assistant Professor of Human Services. BA, University of Central Oklahoma; MA, Liberty University; MS, University of Texas at Arlington; PhD, University of Texas at Arlington

RAMBALLY, GERARD, Professor of Information Sciences. BS, University of Saskatchewan; BEd, University of Saskatchewan; MMath, University of Waterloo; PhD, University of Oregon

RATH, SURA, Director of University College; Professor of English. BS, Ravenshaw College; MA, Utkal University; MA, Tulane University; PhD, Texas A&M University

RODRIGUEZ, CYNTHIA, Assistant Professor of Teacher Education/Reading. BS, University of North Texas; MEd, Texas Woman's University; PhD, Texas Woman's University

SANTOS-HATCHETT, SHERYL, Dean of Education and Human Services; Professor of Education. BA, Queens College; MA, Queens College; PhD, Kansas State University

SHAPPECK, MARCO, Assistant Professor of Teacher Education/ESL. BA, University of Wisconsin-Eau Claire; MA, Northeastern Illinois University; MA, University of Illinois Urbana-Champaign; PhD, University of Illinois Urbana-Champaign

SHAQLAIH, ALI, Assistant Professor of Mathematics. BS, Birzeit University; MS, An-Najah National University; MA, University of Oklahoma; MEd, University of Oklahoma; PhD, University of Oklahoma

SHOUSE, DOUGLAS, Lecturer of Educational Leadership. BA, Arlington State University; MA, North Texas State University; EdD, North Texas State University

STANLEY, MARK, Lecturer in History. BS, Texas A&M University-Texarkana; MA, University of North Texas; PhD, University of North Texas

TAN, ADRIAN, Lecturer in Sociology. BA, Ohio University; MA (International Affairs), Ohio University; MA (Sociology) Ohio University; PhD, University of North Texas

TERRY, LARRY, Assistant Professor of Urban and Public Leadership. BA, University of California at Santa Barbara; MPA, San Diego State University; PhD, University of Texas at Dallas

TREGER, MARK, Lecturer of Business/Marketing, BA, Northwestern University; MBA, Northwestern University

WASHINGTON, NEDRA, Assistant Professor of Child Development and Family Studies. BBA, Northwood University; MBA, Texas Women's University; PhD, Texas Women's University

WONG, JOHN, Associate Dean of Urban and Professional Studies; Professor of Urban and Public Leadership. BBA, Wichita State University; MA, Wichita State University; JD, Washburn University; PhD, Northeastern University

WORLEY, VIDISHA, Assistant Professor of Criminal Justice. BA, Gauhati University; MA, University of Delhi; BEd, MPH, University of Delhi ; LLB, University of Delhi; LLM, University at Buffalo Law School; PhD, Sam Houston State University

YANG, FEN-JEN, Assistant Professor of Information Sciences. BE, Feng Chia University; MS, California State University-Chico; MS, Florida International University; PhD, Illinois Institute of Technology

YATES, RALPH, Lecturer in Criminal Justice. BS, Corpus Christi State University; MS, Texas A&M -Corpus Christi

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University Core Curriculum

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives

- **Critical Thinking Skills** - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** - to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- **Personal Responsibility** - to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** - to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Requirements

Note: Texas Common Course Numbering System (TCCNS) numbers, when applicable, are indicated in parentheses following the UNT Dallas course number and title. Some courses may have additional equivalents. See the Courses of Instruction section of this catalog for additional information about the TCCNS.

1. **Communication** (6 hours): Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively. Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience. This requirement may be satisfied by credit in: ENGL 1313D - ENGL 1323D (ENGL 1301-1302). TECM 2700D (ENGL 2311) may be substituted for ENGL 1323D upon approval of the academic school. Note: a grade of C or better is required on courses applied toward this requirement. See your advisor for assistance.

2. **Mathematics** (3 hours): Courses in this category focus on quantitative literacy in logic, patterns, and relationships. Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience. This requirement may be satisfied by at least 3 semester credit hours in any mathematics course at the level of college algebra or higher that meets the student's degree program requirements. The student may choose from the following courses:

- MATH 1190D, Business Calculus (MATH 1325)
- MATH 1350D, Mathematics for Elementary Education Majors I (MATH 1350)
- MATH 1581D, Survey of Math with Applications and Algebra Review (MATH 1332)
- MATH 1650D, Pre-Calculus (MATH 2412)
- MATH 1681D, Elementary Probability and Statistics with Algebra Review (MATH 1342)

3. **Life and Physical Sciences** (6 hours): Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method. Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences. The requirement may be satisfied by earning 6 semester hours in two laboratory sciences that meet the science requirement of the student's degree program. The student may choose from the following courses:

- BIOL 1082D, Biology for Educators
- BIOL 1132D, Environmental Science (BIOL 2406)
- BIOL 1710D, Principles of Biology I (BIOL 1306)
- BIOL 1720D, Principles of Biology II (BIOL 1307)
- CHEM 1360D, Context of Chemistry
- CHEM 1410D, General Chemistry for Science Majors (CHEM 1311)
- CHEM 1420D, General Chemistry for Science Majors (CHEM 1312)
- GEOG 1710D, Earth Science (GEOL 1401)
- PHYS 1210D, Conceptual Physics (PHYS 1415)

4. **Language, Philosophy & Culture** (3 hours): Courses in this category focus on how ideas, values, beliefs, and other aspects of culture express and affect human experience. Courses involve the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures.

- ENGL 2220D, World Literature (ENGL 2333)
- LING 2050D, Language of Now : Pop Culture, Technology, and Society

5. **Creative Arts** (3 hours): Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination. Courses involve the synthesis and interpretation of artistic expression and enable critical, creative, and innovative communication about works of art. The requirement may be satisfied by 3 credit hours in: ART 1300D, Art Appreciation for Non-Art Majors (ARTS 1301).

6. **American History** (6 hours): Courses in this category focus on the consideration of past events and ideas relative to the United States, with the option of including Texas History for a portion of this component area. Courses involve the interaction among individuals, communities, states, the nation, and the world, considering how these interactions have contributed to the development of the United States and its global role. This requirement may be satisfied by credit in: HIST 2610D (HIST 1301) and HIST 2620D (HIST 1302) (United States History). Advanced U.S. History courses may be used to satisfy the 6-hour U.S. History legislative mandates. Texas History(HIST 4700D) may substitute for 3 hours of U.S. History.

7. **Government/Political Science** (6 hours): Courses in this category focus on consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on that of Texas. Courses involve the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations. The student may satisfy the entire 6-hour requirement by advanced standing examination. Specific courses required are: PSCI 1040D (GOVT 2301) (American Government) and PSCI 1050D (GOVT 2302) or PSCI 1060D (American Government).

8. **Social and Behavioral Sciences** (3 hours): Courses in this category focus on the application of empirical and scientific methods that contribute to the understanding of what makes us human. Courses involve the exploration of behavior and interactions among individuals, groups, institutions, and events, examining their impact on the individual, society, and culture. This requirement may be satisfied by 3 hours credit in any of the following:

- AGER 2250D, Images of Aging in Film and Literature
- DFST 1013D, Human Development (TECA 1354)
- ECON 1110D, Principles of Macroeconomics (ECON 2301)
- PSYC 1630D, General Psychology I (PSYC 2301)
- SOCI 1510D, Introduction to Sociology (SOC 1301)

9. **Component Area Option** (6 hours):

- a. A minimum of 3 SCH must meet the definition and corresponding Core Objectives specified in one of the foundational component areas
 - b. As an option for up to 3 semester credit hours of the Component Area Option, an institution may select course(s) that:
 - i. (i) Meet(s) the definition specified for one or more of the foundational component areas; and
 - ii. (ii) Include(s) a minimum
- BUSI 1340D, Managing the Business Enterprise
 - CJUS 2100D, Crime and Justice in the United States (CRIJ 1301)
 - CJUS 2600D, Diversity Issues in Criminal Justice
 - DFST 2033D, Parenting in Diverse Families
 - SOCI 2070D, Introduction to Race and Ethnic Relations
 - COMM 1010D, Introduction to Communication (SPCH 1311)

Undergraduate Degree Programs

School of Education and Human Services

The mission of the School of Education and Human Services (EDHS) is to prepare teachers, principals, counselors, and human service professionals for employment and leadership in their respective disciplines in linguistically and culturally diverse communities in the North Texas region and beyond. Our faculty aspires to ensure that our graduates are highly qualified, actively recruited, and successfully employed in the North Texas region and beyond.

EDHS has two departments: Teacher Education and Administration; and Counseling and Human Services. The undergraduate degrees offered through EDHS are the Child Development and Family Studies, BS, the Human Services Management and Leadership, BS, and the BS in Interdisciplinary Studies (Teacher Education) with state certification

options. All teacher education certification programs are accredited by the Texas Education Agency. *For information about teaching Mathematics with Secondary Teacher Certification, BA , please refer to the School of Liberal Arts and Life Sciences .

Programs

Bachelor of Science

- Child Development and Family Studies, BS
- Human Services Management and Leadership, BS
- Interdisciplinary Studies with Elementary Education Certification (English, Language Arts and Reading 4-8 and ESL Teacher Certification), BS
- Interdisciplinary Studies with Elementary Education Certification (Generalist EC-6 and Bilingual Teacher Certification), BS
- Interdisciplinary Studies with Elementary Education Certification (Generalist EC-6 and EC-12 Special Education Teacher Certification), BS
- Interdisciplinary Studies with Elementary Education Certification (Generalist EC-6 and ESL Teacher Certification), BS
- Interdisciplinary Studies with Elementary Education Certification (Mathematics 4-8 and ESL Teacher Certification), BS
- Interdisciplinary Studies with Elementary Education Certification (Science 4-8 and ESL Teacher Certification), BS
- Interdisciplinary Studies with Elementary Education Certification (Social Studies 4-8 and ESL Teacher Certification), BS

School of Liberal Arts and Life Sciences

Programs

Bachelor of Applied Arts and Sciences

- Applied Arts and Sciences, BAAS

Bachelor of Arts

- Information Technology, BA
- Mathematics with Secondary Teacher Certification, BA
- Mathematics, BA
- Psychology, BA
- Sociology, BA

Bachelor of Science

- Criminal Justice, BS

School of Business

Programs

Bachelor of Business Administration

- Accounting, BBA

- Entrepreneurship, BBA
- Finance, BBA
- General Business, BBA
- Organizational Behavior and Human Resources Management, BBA

Bachelor of Science

- Accountancy, BS
- Logistics and Supply Chain Management, BS

Graduate Degree Programs

Graduate Degree Programs

Master of Education

Counseling, MEd

(48 hour degree with concentration in either Elementary School Counseling or Secondary School Counseling)

School Counseling Program Advisor - Dr. Eric Green
 (P) 972.338.1376
 Email: Eric.Green@untDallas.edu

The Counseling Program offers a Master of Education in Counseling with a concentration in either Elementary School Counseling or Secondary School Counseling. The Master's degree requires an internship in lieu of a thesis. The internship should be the last enrollment in the Master's program. The University of North Texas at Dallas is an approved school counseling certification program of the Texas Education Agency. For details on requirements to become a Certified School Counselor in Texas, visit the Texas Education Agency website at http://www.tea.state.tx.us/Guidance_Counseling_FAO.html#q4. In addition to completing the course work, candidates must also have 2 years creditable teaching experience prior to internship and pass the TExES - Counselor examination to be eligible for School Counselor Certification in Texas.

Admission Procedures

1. Submit the following to the UNT Dallas Office of Graduate Admissions:
 - a. Graduate School Application for Admission (apply online at www.applytexas.org)
 - b. Official copies of all college transcripts
 - c. Official GRE scores from the Educational Testing Service (allow three to four weeks for the test to be received by the Graduate School)
2. Submit additional admission materials to the Department of Counseling and Human Services. All admission to the Counseling Program is provisional, procedures for provisional admission are as follows:
 - a. All required admission materials must be filed in the program office by May 15 preceding the Fall term/semester, or October 15 preceding the Spring term/semester.

- b. Submission of a completed Application for Admission to Master's Program in Counseling form, three completed Reference Evaluation Forms, a **one-page**, type-written Writing Sample. See UNT Dallas Office of Graduate Admissions website for specifics.
- c. Each applicant is required to participate in an orientation and interview.

Admission Standards

- Applicants must submit the official Graduate Record Examination (GRE) scores on the verbal, quantitative, and writing sections to the graduate school for admission to the program. Conditional admission may be granted pending submission of GRE scores prior to registration for the second term of enrollment.
- Applicants must have at least a 3.0 GPA on the last 60 undergraduate semester hours of work prior to receiving the bachelor's degree, or a 2.8 GPA on all undergraduate work, to be considered for unconditional admission to graduate studies at UNT Dallas. Applicants who have already completed a master's degree must have at least a 3.4 GPA on the master's or meet the undergraduate GPA standards.
- Applicants must hold at least a bachelor's degree.
- Applicants for the school counseling track must have at least two (2) years creditable teaching experience in K-12 public or private schools in order to be certified as a school counselor by the state of Texas. Students must submit their teacher service record indicating two years of creditable teaching experience prior to internship.
- All students granted provisional admission to the master's program are required to enroll in COUN 5710D during the first term/semester of enrollment in graduate school and must receive a grade of B or higher. Concurrent enrollment in COUN 5680D and COUN 5710D is encouraged. Students must receive a grade of B or higher in these two courses to be considered for full admission to the program.
- Admission to the counseling program is provisional until the student's progress is evaluated by the counseling faculty upon completion of COUN 5680D. The student's progress is evaluated on the basis of the demonstration of adequate subject matter knowledge and the personal and interpersonal skills required for counseling.
- After the progress review, the counseling faculty either recommends that the student continue the program or reserves the right to withdraw the student from the program.
- Following this initial evaluation, the student will be routinely evaluated on the criteria of knowledge, personal and interpersonal skills and counseling skills to determine if progress is adequate, if remedial work is needed or if the student should be withdrawn from the program.
- This degree requires a passing score on the comprehensive examination administered during the student's internship.

Required Courses for M.Ed. in Counseling

(48 hour degree with concentration in School Counseling)

**The MEd degree requires a minimum of 48 semester hours, including successful completion of internship, COUN 5720D/COUN 5721D, and passing a comprehensive examination.*

Required	Taken In Any Order Within #	Program Course Number - Course Title
1 st semester		COUN 5710D - Counseling Theories
1 st semester		COUN 5680D - Basic Counseling Skills.
	#2	EPSY 5050D - Educational Research and Evaluation (prereq. to COUN 5765D)
	#2	COUN 5670D - Developmental Processes and Strategies
	#2	COUN 5461D - Professional School Counseling
	#3	COUN 5765D - Appraisal in Counseling
	#3	COUN 5100D - Counseling Ethics and Professional Orientation
	#4	COUN 5790D - Counseling Culturally Diverse Clients
		COUN 5200D - Counseling Adolescents or COUN 5700D - Introduction to Play Therapy
Sem. Before 5690		COUN 5660D - Advanced Counseling Skills (prereq. to COUN 5740D)
		COUN 5470D - Career Development and Information Resources
		COUN 5740D - Group Counseling Theories and Procedures
Sem. Before 5720		COUN 5690D - Practicum in Counseling
Sem. Before 5721		COUN 5720D - Internship in Counseling I
Last sem. of prog		COUN 5721D - Internship in Counseling II
		COUN 5580D - Family Counseling or COUN 5640D - Group Play Therapy or COUN 5610D - Drug and Addiction Education for Counselors

COUN 5680D - Basic Counseling Skills.

3 hours A study of selected basic techniques of counseling. Course should be taken concurrently with COUN 5710D.

COUN 5710D - Counseling Theories

3 hours Required upon first resident registration in program for master's degree. The course focuses on professional orientation, selected theories of counseling as they apply to normal and abnormal behavior and self-awareness through individual and group counseling. Degree plans are developed. Course should be taken concurrently with COUN 5680D.

EPSY 5050D - Educational Research and Evaluation

3 hours An introduction to methods and limitations of educational research. The student will learn the procedures, strengths and limitations of the research process

COUN 5670D - Developmental Processes and Strategies

3 hours Principles and practices of human development as they relate to counseling processes and strategies. Opportunity for practical application of strategies is provided.

COUN 5461D - Professional School Counseling

3.0

3 hours. This course provides a comprehensive understanding of the PreK-12 professional school counselor role, the ASCA National Model, and the Texas Model Comprehensive Developmental Guidance Plan. In this course, students will learn how to develop and manage a comprehensive developmental guidance program. In addition, they will learn the ethical standards for school counseling as well as strategies for leadership, consultation, data based-decision making, and advocacy for students and the school counseling profession.

Prerequisites: COUN 5680 and 5710, or consent of department.

COUN 5740D - Group Counseling Theories and Procedures

3 hours Group dynamics and major approaches to group counseling with emphasis on how to start a group counseling program, how to counsel effectively with groups and how to evaluate results. Development of skills of group membership, leadership and working with groups are stressed. Prerequisite(s): COUN 5660D, or consent of department.

COUN 5765D - Appraisal in Counseling

3.0

3 hours. Study of counseling appraisal concepts and various instruments, procedures, methods and techniques used to assess psychological, behavioral, and learning patterns adults, adolescents, and children.

Prerequisite(s): COUN 5680D, 5710D, 5670D, and EPSY 5050D. EPSY 5050D may be taken concurrently.

COUN 5100D - Counseling Ethics and Professional Orientation

3.0

3 hours. Study of ethics, law, and professional issues including counseling history, philosophy, roles, self-care, supervision, professional organizations, credentialing, and trends for Professional School Counselors and Clinical Mental Health Counselors.

Prerequisite(s): None

COUN 5790D - Counseling Culturally Diverse Clients

3 hours Development of counseling skills and strategies based upon the special needs and characteristics of culturally and ethnically diverse clients. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5660D - Advanced Counseling Skills

3 hours A competency-based course with experiential emphasis. The student is required to demonstrate proficiency in counseling concepts and techniques before proceeding to COUN 5690D . Prerequisite(s): COUN 5680D and COUN 5710D and 12 additional hours in counseling, or consent of department.

COUN 5470D - Career Development and Information Resources

3 hours Survey of career development and counseling with emphasis on the occupational, career and educational information service.

COUN 5720D - Internship in Counseling I

3 hours Supervised experience in counseling in schools, colleges or agencies. Prerequisite(s): COUN 5690D . Students who take Internship in Counseling I during the summer must enroll for both terms. The second-term enrollment will be in COUN 5900D.

COUN 5721D - Internship in Counseling II

3 hours Supervised experience in counseling in schools, colleges or agencies. Prerequisite(s): COUN 5720D. Students who take Internship in Counseling II during the summer must enroll for both terms. The second-term enrollment will be in COUN 5900D.

Track Specific Classes

School Counseling - Elementary

COUN 5700D - Introduction to Play Therapy

3 hours Enhancing the counseling relationship with children by utilizing play media to facilitate expression, self-understanding, and personal growth and development. Observation of and supervised experience in play therapy with children are an integral part of the course. Prerequisite(s): EDHD 5230, COUN 5680D and COUN 5710D, or consent of instructor.

COUN 5640D - Group Play Therapy

3 hours Philosophy and rationale for groupwork with children and preadolescents. The focus will be the goals of group play/activity therapy, the role of the play therapist, screening and selection of group members, the use of expressive arts, play, activities at various developmental stages and planning and structuring of sessions. Prerequisite(s): COUN 5700D

School Counseling - Secondary

COUN 5200D - Counseling Adolescents

3 hours Counseling adolescents requires unique knowledge and skill. This course will prepare counselors to work with young people ages 12-21. A focus on the nature and needs of adolescence along with effective strategies in counseling will be explored. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5610D - Drug and Addiction Education for Counselors

3 hours Principles and practices of drug and addiction education and abuse prevention with special application to the functions of counselors. Prerequisite(s): COUN 5680D and COUN 5710D.

COUN 5580D - Family Counseling

3 hours The application of family systems theory to the study of family dynamics, family development and the resolution of family conflicts. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

Curriculum and Instruction, M.Ed.

Department Advisor:

Dr. Glenda Moss, Dal 1 201P

(P) 972.338.1373

glenda.moss@untDallas.edu

A Master's of Education Degree in Curriculum and Instruction will have a STEM focus designed to for certified teachers and individuals seeking initial certification for K-12. The coursework will professionally develop full-time teachers and prepare individuals seeking initial certification in classroom research and pedagogical content knowledge. The 36 credit master's degree must be completed at the graduate level. The program allows for six (6) core courses and choices between multiple concentration areas. Students who are fully-certified teachers select one of the 18-hour areas from the Professional Development concentrations. Students seeking an initial teaching certificate select one of the 18-hour areas from the Initial Certification concentration.

The specific Student Learning Outcomes of the M.Ed. program for candidates are:

1. Understand the nature of classroom inquiry, develop inquiry skills, and use inquiry processes in teaching and learning in the math and science content area subjects.
2. Access scholarly data bases and gain knowledge pedagogical content knowledge through reading and reviewing researched publications.
3. Deepen pedagogical content knowledge of math and science through inquiry based processes.
4. Construct understanding of K-12 student learning of math and science, and of effective instructional practices to engage K-12 students in active learning.
5. Address Texas state standards when selecting and developing high quality teaching and learning experiences for K-12 students in math and science subject areas.
6. Use technology in science, technology, engineering, and math lessons in elementary, middle, and secondary classrooms.
7. Design and implement classroom research projects to address problem areas in teaching and student learning of math and science.

Admission Standards

Applicants must have at least 3.0 GPA on the last 60 undergraduate semester hours of work prior to receiving the bachelor's degree, or a 2.8 GPA on all undergraduate work, to be considered for unconditional admission to the UNT Graduate School for studies at the master's level. Applicants who have already completed a master's degree must have at least a 3.4 GPA on the master's.

Admission Procedures

- Submit the following to the UNT Toulouse School of Graduate Studies:
- Graduate School Application for Admission (apply online at www.applytexas.org)
- Complete official transcripts from all colleges and universities attended

Core

To complete the master's degree, candidates would have to complete the following core courses as well as 18 credits in one selected concentration area.

All courses are 3 credit hours unless otherwise noted.

- EDCI 5011D - Introduction to Classroom Research
- EDCI 5012D - Classroom Research Project
- EDCI 5013D - Technology in STEM
- EDCI 5014D - Instructional and Behavioral Management in Classrooms
- EDCI 5015D - Action Research for Multicultural and Multilingual Education
- EDCI 5016D - Stem Literacy Across the Disciplines

Professional Development Concentrations (for Full-Time Teachers)

All courses are 3 credit hours unless otherwise noted.

Mathematics

- MATH 5001D - Teaching Dual Credit Mathematics
- MATH 5680D - Introduction to Probability and Statistics
- MATH 5611D - Introduction to Mathematical Analysis I
- MATH 5621D - Introduction to Mathematical Analysis II
- MATH 5011D - Mathematical Models for Educators
- MATH 5090D - Topics in Math Content and Pedagogy

Biology

- BIOL 5315D - Teaching Secondary Biology for Dual Credit
- BIOL 5240D - Advanced Topics in Molecular Biology
- BIOL 5XXXD - Conservation Biology and Chemical Ecology*
- BIOL 5XXXD - Animal Biology*
- BIOL 5XXXD - Evolution Ecology and Genetics*
- BIOL 5XXXD - Biological Basis of Disease*

*Pending approval

PK-8 Science Concentration

- EDCI 5310D - Advanced Pedagogical Content Knowledge for Teachers of Life Science
- EDCI 5370D - Advanced Pedagogical Content Knowledge for Teachers of Earth Science
- EDCI 5330D - Advanced Pedagogical Content Knowledge for Teachers of Physical Science
- EDCI 5340D - Innovations in Earth and Space Science
- EDCI 5350D - Advanced Pedagogical Content Knowledge for Teachers of K-8 Science
- Elective

PK-8 Math Concentration

- EDCI 5510D - Advanced Pedagogical Content Knowledge for Teaching Algebraic Thinking
- EDCI 5520D - Advanced Pedagogical Content Knowledge for Teachers of Numbers and Operations
- EDCI 5530D - Advanced Pedagogical Content Knowledge for Teachers of Probability & Statistics
- EDCI 5540D - Advanced Pedagogical Content Knowledge for Teachers of Geometry & Measurement
- EDCI 5550D - Advanced Pedagogical Content Knowledge of Financial Literacy for EC-8 Teachers
- Elective

Early Childhood Concentration

- EDEC 5312D - Teaching PK-K Language and Literacy
- EDEC 5322D - Teaching PK-K Math and Science
- EDEC 5412D - Advanced Interventions for Pre-K/K Language and Literacy
- EDEC 5422D - Advanced Interventions for Pre-K/K Math and Science
- Elective
- Elective

English as a Second Language (ESL)

- EDCI 5018D - English as a Second Language for EC-12 Classrooms
- EDRE 5070D - Literacy Development for English Language Learners
- EDBE 5560D - Fundamentals of Bilingual and English as a Second Language Education in EC-12
- EDBE 5660D - English Language Acquisition by Spanish Speakers : Theories and Methods
- Elective
- Elective

Special Education (EDSP)

- EDSP 5050D - Legal Aspects of Special Education
- EDSP 5020D - Behavior Management and Positive Behavior Interventions and Supports
- EDSP 5030D - Individualized Evaluation for Educational Decision Making
- EDSP 5040D - Methods of Teaching Students with Disabilities
- Elective
- Elective

Initial Certification is a Transition to Teaching Program

The degree program prepares baccalaureate graduates from related fields of study with the knowledge and skills to effectively teach in PK-12 urban and rural settings. The program allows for initial certification choices among a variety of elementary, middle school and secondary concentrations: EC-6 Generalist, 4-8 Math, 4-8 Science, 4-8 Social Studies, 4-8 Reading/Language Arts, or Grades 7-12 in any content area. All 36 credits of the master's degree are completed at the graduate level. Students must complete the core courses for the master's degree plus one pedagogical content area.

All courses below are 3 credit hours unless otherwise noted.

EC-6 Generalist Pedagogical Content

- *Prerequisite - EDRE 4450D - Reading and Writing (Birth through Grade 6)
- *Prerequisite - EDRE 4850D - Assessment and Evaluation of Reading

- EDCI 5017D - Human Development for Educators
- EDCI 5101D - Seminar I (1 credit)
- EDCI 5102D - Seminar II (1 credit)
- EDCI 5103D - Seminar III (1 credit)
- EDCI 5120D - Curriculum and Instructional Methodologies in Language Arts and Social Studies K-8 (with 25 field hours)
- EDCI 5150D - Curriculum and Instructional Methodologies for Mathematics and Science K-8 (with 25 field hours)
- EDCI 5190D - Clinical Teaching (6 credits)

4-8 Pedagogical Content

- EDCI 5017D - Human Development for Educators
- EDCI 5101D - Seminar I (1 credit)
- EDCI 5102D - Seminar II (1 credit)
- EDCI 5103D - Seminar III (1 credit)
- EDCI 5018D - English as a Second Language for EC-12 Classrooms
- EDCI 5120D - Curriculum and Instructional Methodologies in Language Arts and Social Studies K-8 (with 25 field hours) or
EDCI 5150D - Curriculum and Instructional Methodologies for Mathematics and Science K-8 (with 25 field hours)
- EDCI 5190D - Clinical Teaching (6 credits)

7-12 Pedagogical Content

- EDCI 5017D - Human Development for Educators
- EDCI 5101D - Seminar I (1 credit)
- EDCI 5102D - Seminar II (1 credit)
- EDCI 5103D - Seminar III (1 credit)
- EDCI 5018D - English as a Second Language for EC-12 Classrooms
- EDCI 5140D - Models of Instruction and Classroom Management (with 50 field hours)
- EDCI 5190D - Clinical Teaching (6 credits)

Educational Leadership, MEd

Department Advisors:

Dr. Glenda Moss, Dal 1 201P
(P) 972.338.1373
glenda.moss@untdallas.edu

Ms. Genell McClendon, Dal 1 201M
(P) 972.338.1364
genell.mcclendon@untdallas.edu

Admission Procedures

1. Submit the following to the UNT Toulouse School of Graduate Studies:

- a. Graduate School Application for Admission (apply online at www.applytexas.org)
 - b. Complete official transcripts from all colleges and universities attended
 - c. Official GRE scores from the Educational Testing Service (allow three to four weeks for the test to be received by the Graduate School)
2. Submit the following admissions packet to the Education Administration Office (EDAM) program office. Students seeking on-time registration need to submit the completed application packet by **the first Friday in: June for Fall semester; October for Spring semester; March for Summer semester.**
- a. Program Application form - indicate Master's and Principal Certification
 - b. Essay Form
 - c. Supervisor Recommendation Form
 - d. Resume

Admission Standards

- Applicants must submit the official Graduate Record Examination (GRE) scores on the verbal, quantitative and writing sections to the graduate school for admission to the program. Conditional admission may be granted pending submission of GRE scores prior to registration for the second term of enrollment.
- Applicants must have at least 3.0 GPA on the last 60 undergraduate semester hours of work prior to receiving the bachelor's degree, or a 2.8 GPA on all undergraduate work, to be considered for unconditional admission to the UNT Graduate School for studies at the master's level. Applicants who have already completed a master's degree must have at least at 3.4 GPA on the master's or meet the undergraduate GPA standards.
- Applicants must hold at least a bachelor's degree.
- Applicants must hold at least a provisional teacher certificate.
- Applicants must have at least two (2) years creditable teaching experience in K-12 public or private schools *prior* to beginning course work.

Recommended Course Sequence for MEd in Educational Administration

*Degree and Certification plans are prepared in the EDAD 5300D course. After the student has completed the four core courses, the student may apply for Internship (EDAD 5500D). Once the student is enrolled in the internship, the faculty Internship Supervisor becomes the advisor for the remainder of the program. In preparing the degree plan, a student may transfer up to nine (9) semester hours of course work from another institution **with advisor and UNT Graduate School permission**. Students have six years to complete the degree. Work that is more than six years old at the time of your graduation cannot be counted toward the Master's degree. Students must apply for graduation in the final semester of course work in order to receive the degree. Students completing the entire sequence of course work will be eligible to take the TExES principal exam and be recommended for certification through the Texas Education Agency/State Board of Education Certification (SBEC). The University of North Texas at Dallas is an approved principal certification program of the Texas Education Agency.*

Core Courses

(Courses must be taken prior to Professional Courses and can be taken in any order)

EDAD 5300D - Introduction to Educational Administration

3 hours Focuses on instructional leadership development and serves as the introductory course for degrees and certification in educational administration. Includes a study of campus-level leadership and accountability and

concomitant roles and responsibilities; as well as interrelationships among administrators, teachers, students, parents and community groups. Degree plans are developed and the major professor/adviser is assigned.

EDAD 5330D - Instructional Leadership

3 hours Study of instructional leadership as it relates to the improvement of instruction, effective schools and ongoing effective program delivery by personnel. Areas to be explored and discussed include significant and recent research and best practices of instructional leadership, learning theory, the change process, school climate and culture, effective teaching methods and the relationship of instruction to curriculum.

EDAD 5360D - Leadership for Social Justice

3 3 hours. The situation of PK-12 schooling for school-dependent children in the United States points to various inequities (Connell, 1993; Hodgkinson, 1995; Jackson, 2011; Land & Legters, 2002; Larson & Murtadha, 2002). In addition to disadvantaging poor and/or school-dependent children, females, special needs children, racial and ethnic minority children, second language learners, and children of recent immigrant parents are often disadvantaged. These circumstances call for responsible, socially-just leadership that seeks to redress institutional injustice and to saturate culturally-and socially-responsive teaching and learning throughout the educational institution.

EDAD 5390D - Campus-Level School Law

3 hours Provides an understanding of important constitutional, statutory, administrative and case law as it pertains to the everyday operation of schools in Texas. Students learn the legal framework within which schooling takes place and how it structures the decisions that campus administrators make. Primary emphasis is placed on legal issues facing campus-level administrators.

Professional Courses

EDAD 5610D - School Communications and Public Relations

3 hours Every administrator in an educational organization has a responsibility to engage in public relations on a daily basis. The primary objective of this course is to examine school-based public relations with the context of life in an information age, practice in schools shared decision-making, and sustained demands for school improvement. Students study three critical dimensions of school public relations: informing the public; modifying attitudes and opinions; integrating the actions and attitudes of an organization with those of its public. Prerequisite(s): completion of EDAD 5300D, EDAD 5390D and EDAD 5400D.

EDAD 5620D - Administration and Leadership for Student Educational Services

3 hours Designed to investigate the values, theoretical bases, best practices and challenges for leaders who administer student educational services at the school or district levels. Provides a review of federal laws, rules, regulations and expectations for students placed at risk in educational settings by circumstances and situations beyond their control. Emphasis on students who are educationally disadvantaged because of poverty, language differences, disabilities, interests and academic performance or lack thereof. Prerequisite(s): completion of EDAD 5300D, EDAD 5330D and EDAD 5400D .

EDAD 5640D - School Resource Alignment for Student Achievement

3 3 hours. Introductory-level course in the planning and management of school resources with particular applications to Texas. Designed to prepare building-level administrators to understand the issues influencing the planning and

management of personnel, financial and capital resources at the school building level. Prerequisite(s) :EDAD 5300D , EDAD 5330D , EDAD 5360D , and EDAD 5390D .

EDAD 5650D - Professional Development and Supervision

3 hours Provides students with the knowledge, interpersonal skills and technical skills to accomplish the supervisory tasks of direct assistance to teachers and professional development. Students learn how to implement models of professional development, especially job-embedded professional development, and how to apply the basic processes of developmental supervision, clinical supervision and coaching. In addition, the course addresses the relationship of effective supervisory behaviors to appraisal processes. Prerequisite(s): EDAD 5300D, EDAD 5330D, EDAD 5390D and EDAD 5400D.

EDAD 5680D - Administration of the K-12 Curriculum

3 hours Examines the interaction among curriculum, instruction and assessment at site, district and national levels. Theoretical knowledge as well as site and district based curricular projects are included. The student develops an understanding of the critical importance of research based yet practical curriculum alignment and coordinated planning in school reform and improvement. Prerequisite(s): completion of EDAD 5300D, EDAD 5330D, EDAD 5390D and EDAD 5400D.

Field Experience

EDAD 5500D - Internship in Educational Administration

3 hours Provision for on-the-job experience and professional study in administration and supervision as directed by the student's major adviser. Required for Texas professional certificate for school administration. Not applicable to degree programs. The internship requires 125 hours of experience at either a secondary, middle, elementary, or alternative school site. Prerequisite(s): completion of EDAD 5300D, EDAD 5330D, EDAD 5390D and EDAD 5400D.

EDAD 5700D - Practicum in Educational Administration

3 hours The final course for the educational administration program area. During the class meetings students review and analyze fundamental issues in the educational administration competency areas, discuss current trends and pressures influencing changes in the field, and address knowledge and skills needed to be prepared for an administrative career. At least 125 contact hours are spent in the field working with a site or central office administrator dealing with specified instructional, supervisory, administrative, leadership, curricular and management responsibilities. Prerequisite(s): EDAD 5300D, EDAD 5390D and EDAD 5400D.

*Note: Students must apply for the practicum in advance by the appropriate deadline as stated on the application. Students cannot take the practicum (5700D) and the internship (EDAD 5500D) in the same semester. **Internship must be taken prior to the Practicum course** for students seeking principal certification. (The Practicum must be final course taken in the final semester)*

Master of Science

Counseling, MS

(60 hour degree in Clinical Mental Health Counseling)

Clinical Mental Health Counseling Program Advisor - Dr. Yu-fen Lin
(P) 972.338.1378
Email: Yu-fen.Lin@untdallas.edu

The Counseling Program offers a Master of Science degree in Clinical Mental Health Counseling. This 60-hour track prepares graduates to counsel in clinical mental health settings such as mental health centers, private counseling agencies, drug abuse treatment centers, centers for counseling older adults, child protective services, child counseling clinics, family counseling centers, pastoral counseling settings, private practice, and business and industry. Students completing the entire sequence of course work will meet the educational requirements for the Texas State License in Professional Counseling. However, to obtain a License in Professional Counseling, the State of Texas stipulates additional requirements such as passing the national counseling exam and obtaining 3,000 clock hours of supervised clinical experience after the Masters degree has been obtained. Consult the Texas Department of Health website for details at <http://www.dshs.state.tx.us/counselor/default.shtm>.

Admission Procedures

1. Submit the following to the UNT Dallas Office of Graduate Admissions:
 - a. Graduate School Application for Admission (apply online at www.applytexas.org)
 - b. Official copies of all college transcripts
 - c. Official GRE scores from the Educational Testing Service (allow three to four weeks for the test to be received by the Graduate School)
2. Submit additional admission materials to the Department of Counseling and Human Services. All admission to the Counseling Program is provisional, procedures for provisional admission are as follows:
 - a. All required admission materials must be filed in the program office by May 15 preceding the Fall term/semester, or October 15 preceding the Spring term/semester.
 - b. Submission of a completed Application for Admission to Master's Program in Counseling form, three completed Reference Evaluation Forms, a **one-page**, type-written Writing Sample. See UNT Dallas Office of Graduate Admissions website for specifics.
 - c. Each applicant is required to participate in an orientation and interview.

Admission Standards

- Applicants must submit the official Graduate Record Examination (GRE) scores on the verbal, quantitative, and writing sections to the graduate school for admission to the program. Conditional admission may be granted pending submission of GRE scores prior to registration for the second term of enrollment.
- Applicants must have at least a 3.0 GPA on the last 60 undergraduate semester hours of work prior to receiving the bachelor's degree, or a 2.8 GPA on all undergraduate work, to be considered for unconditional

admission to graduate studies at UNT Dallas. Applicants who have already completed a master's degree must have at least a 3.4 GPA on the master's or meet the undergraduate GPA standards.

- Applicants must hold at least a bachelor's degree.
- All students granted provisional admission to the master's program are required to enroll in COUN 5710D during the first term/semester of enrollment in graduate school and must receive a grade of B or higher. Concurrent enrollment in COUN 5680D and COUN 5710D is encouraged. Students must receive a grade of B or higher in these two courses to be considered for full admission to the program.
- Admission to the counseling program is provisional until the student's progress is evaluated by the counseling faculty upon completion of COUN 5680D. The student's progress is evaluated on the basis of the demonstration of adequate subject matter knowledge and the personal and interpersonal skills required for counseling.
- After the progress review, the counseling faculty either recommends that the student continue the program or reserves the right to withdraw the student from the program.
- Following this initial evaluation, the student will be routinely evaluated on the criteria of knowledge, personal and interpersonal skills and counseling skills to determine if progress is adequate, if remedial work is needed or if the student should be withdrawn from the program.
- This degree requires a passing score on the comprehensive examination administered during the student's internship.

Required Courses for MS in Counseling

(60 hour degree in Clinical Mental Health Counseling)

**The MS degree requires a minimum of 60 semester hours including successful completion of internship, COUN 5720D/COUN 5721D, and passing a comprehensive examination. .*

Required	Taken In Any Order Within #	Program Course Number - Course Title
1 st semester		COUN 5710D - Counseling Theories
1 st semester		COUN 5680D - Basic Counseling Skills.
	#2	EPSY 5050D - Educational Research and Evaluation (prereq. To 5760D /5730D)
	#2	COUN 5670D - Developmental Processes and Strategies
	#3	COUN 5765D - Appraisal in Counseling
	#3	COUN 5100D - Counseling Ethics and Professional Orientation
	#4	COUN 5790D - Counseling Culturally Diverse Clients
		COUN 5200D - Counseling Adolescents or COUN 5700D - Introduction to Play Therapy

Sem. Before 5690		COUN 5660D - Advanced Counseling Skills (prereq. to COUN 5740D)
		COUN 5470D - Career Development and Information Resources
		COUN 5740D - Group Counseling Theories and Procedures COUN 5480D - Biopsychosocial Assessment and Wellness in Counseling COUN 5610D - Drug and Addiction Education for Counselors COUN 5490D - Crisis Intervention Counseling COUN 5500D - Human Sexuality in Counseling
Sem. Before 5720		COUN 5690D - Practicum in Counseling
Sem. Before 5721		COUN 5720D - Internship in Counseling I
		COUN 5300D - Systems, Leadership, and Program Development in Clinical Mental Health Counseling
Last sem. of prog		COUN 5721D - Internship in Counseling II
		COUN 5580D - Family Counseling or COUN 5640D - Group Play Therapy or COUN 5610D - Drug and Addiction Education for Counselors

COUN 5680D - Basic Counseling Skills.

3 hours A study of selected basic techniques of counseling. Course should be taken concurrently with COUN 5710D.

COUN 5710D - Counseling Theories

3 hours Required upon first resident registration in program for master's degree. The course focuses on professional orientation, selected theories of counseling as they apply to normal and abnormal behavior and self-awareness through individual and group counseling. Degree plans are developed. Course should be taken concurrently with COUN 5680D.

EPSY 5050D - Educational Research and Evaluation

3 hours An introduction to methods and limitations of educational research. The student will learn the procedures, strengths and limitations of the research process

COUN 5670D - Developmental Processes and Strategies

3 hours Principles and practices of human development as they relate to counseling processes and strategies. Opportunity for practical application of strategies is provided.

COUN 5480D - Biopsychosocial Assessment and Wellness in Counseling

3 hours Principles and models of biopsychosocial assessment, case conceptualization and concepts of normalcy leading to an appropriate framework for counseling treatment plans or referral within a managed care framework. DSM-IV diagnosis, disorder prevention and promotion of optimal mental health are studied.

COUN 5740D - Group Counseling Theories and Procedures

3 hours Group dynamics and major approaches to group counseling with emphasis on how to start a group counseling program, how to counsel effectively with groups and how to evaluate results. Development of skills of group membership, leadership and working with groups are stressed. Prerequisite(s): COUN 5660D, or consent of department.

COUN 5765D - Appraisal in Counseling

3.0

3 hours. Study of counseling appraisal concepts and various instruments, procedures, methods and techniques used to assess psychological, behavioral, and learning patterns adults, adolescents, and children. Prerequisite(s): COUN 5680D, 5710D, 5670D, and EPSY 5050D. EPSY 5050D may be taken concurrently.

COUN 5100D - Counseling Ethics and Professional Orientation

3.0

3 hours. Study of ethics, law, and professional issues including counseling history, philosophy, roles, self-care, supervision, professional organizations, credentialing, and trends for Professional School Counselors and Clinical Mental Health Counselors. Prerequisite(s): None

COUN 5790D - Counseling Culturally Diverse Clients

3 hours Development of counseling skills and strategies based upon the special needs and characteristics of culturally and ethnically diverse clients. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5660D - Advanced Counseling Skills

3 hours A competency-based course with experiential emphasis. The student is required to demonstrate proficiency in counseling concepts and techniques before proceeding to COUN 5690D . Prerequisite(s): COUN 5680D and COUN 5710D and 12 additional hours in counseling, or consent of department.

COUN 5470D - Career Development and Information Resources

3 hours Survey of career development and counseling with emphasis on the occupational, career and educational information service.

COUN 5610D - Drug and Addiction Education for Counselors

3 hours Principles and practices of drug and addiction education and abuse prevention with special application to the functions of counselors. Prerequisite(s): COUN 5680D and COUN 5710D.

COUN 5490D - Crisis Intervention Counseling

3 3 hours Principles and models of biopsychosocial assessment, case conceptualization and concepts of normalcy leading to an appropriate framework for counseling treatment plans or referral within a managed care framework. DSM-IV diagnosis, disorder prevention and promotion of optimal mental health are studied.

COUN 5500D - Human Sexuality in Counseling

3 3 hours. Counseling students develop in-depth understanding of human sexuality as well assessment and treatment of sexual issues.

COUN 5720D - Internship in Counseling I

3 hours Supervised experience in counseling in schools, colleges or agencies. Prerequisite(s): COUN 5690D . Students who take Internship in Counseling I during the summer must enroll for both terms. The second-term enrollment will be in COUN 5900D.

COUN 5721D - Internship in Counseling II

3 hours Supervised experience in counseling in schools, colleges or agencies. Prerequisite(s): COUN 5720D. Students who take Internship in Counseling II during the summer must enroll for both terms. The second-term enrollment will be in COUN 5900D.

Track-Specific Classes

Community Counseling - Adult

COUN 5200D - Counseling Adolescents

3 hours Counseling adolescents requires unique knowledge and skill. This course will prepare counselors to work with young people ages 12-21. A focus on the nature and needs of adolescence along with effective strategies in counseling will be explored. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5580D - Family Counseling

3 hours The application of family systems theory to the study of family dynamics, family development and the resolution of family conflicts. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5590D - Couple Counseling

3 hours The application of relationship counseling theory to the study of individual development, interpersonal relationships, marital systems and conflict resolution. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

Community Counseling - Child

COUN 5700D - Introduction to Play Therapy

3 hours Enhancing the counseling relationship with children by utilizing play media to facilitate expression, self-understanding, and personal growth and development. Observation of and supervised experience in play therapy with

children are an integral part of the course. Prerequisite(s): EDHD 5230, COUN 5680D and COUN 5710D, or consent of instructor.

COUN 5640D - Group Play Therapy

3 hours Philosophy and rationale for groupwork with children and preadolescents. The focus will be the goals of group play/activity therapy, the role of the play therapist, screening and selection of group members, the use of expressive arts, play, activities at various developmental stages and planning and structuring of sessions. Prerequisite(s): COUN 5700D

Public Leadership, MS

Department Advisor - Dr. John D. Wong
(P) 972.338.1835
Email:john.wong@untdallas.edu

Admission Procedures

Submit the following to UNT Dallas Graduate Admissions::

1. Graduate School Application for Admission (apply online at www.applytexas.org)
2. Complete official transcripts from all colleges and universities attended

Admission Standards

- *Unconditional Admission:* Applicants who meet all the following requirements will be considered for unconditional admission:
 - Minimum undergraduate GPA of 3.0
 - Outstanding letters of recommendation
 - Strong, well-written personal essay
 - Non-native English speakers only: TOEFL scores of at least 550 (paper-based), 213 (computer-based), or 79 (iBT) with sectional scores that meet or exceed 22 Writing, 21 Speaking, 20 Reading, and 16 Listening; or, IELTS score of at least 6.5.
- *Probationary Admission:* Applicants who do not meet all requirements for unconditional admission will be considered for probationary admission on the basis of the strength of all the listed admission factors. Test scores will not constitute the sole or primary basis for ending consideration of an applicant. Under probationary admission, special course requirements or other conditions may be imposed.
- Other types of admission decisions pertaining to applicants:
 - *Deferred:* Applicants who are unable to supply required application materials, or who must complete additional preparatory work before their admissibility can be determined, may be deferred until records are complete.
 - *Provisional:* Applicants who are unable to supply all required documentation prior to the admission deadline but who otherwise appear to meet admission requirements may be granted provisional admission pending submission of complete and satisfactory credentials before the end of the semester in which they have registered in a provisional status.
 - *Denied:* Applicants who fail to meet more than one of the admission requirements and for whom there is insufficient basis to justify any other kind of admission will be denied admission. As the admission process is competitive, applicants meeting basic admission requirements who are less well qualified than other applicants may also be denied admission

Academic Standards

- The graduate committee in the Department of Public Leadership will recommend withdrawal of a student from the master's program if the student receives two course grades of C or below (for purposes of this rule, the first grade received in a course is used).
- Each graduate student must receive advising from the departmental graduate advisor prior to registration each term/semester.

Required Courses (27 Hours)

PADM 5010D - Public Administration and Society

3.0 3 hours Examination of the political, institutional, organizational, ethical, social, legal and economic environments in which public administrators operate. Prerequisite(s): None. Must be taken in the first term/semester of course work.

PADM 5020D - Leading and Managing Public Organizations

3.0 3 hours Survey of contemporary theories and applications of managing high performance public organizations. Focus on leadership approaches, strategy, decision making, change management, networks and collaboration, privatization, and groups and teams. Prerequisite(s): PADM 5010D (may be taken concurrently).

PADM 5030D - Managing Human Resources

3.0 3 hours Theory and application of managing human behavior in public organizations. Topics include motivation, supervision, conflict management, workplace diversity and the functions of public personnel systems including job design, analysis, and classification; recruitment and selection; compensation, development, training, and evaluation; promotion and discipline; and employee law. Prerequisite(s): PADM 5010D , PADM 5020D .

PADM 5035D - Professional Practice for Public Managers

3.0 3 hours Workshop teaches current and future public managers how to operate a government agency on a day-to-day basis. Managerial practices include the meaning of public service, communication in the public sector, making effective presentations, facilitating effective meetings, executive-legislative relations, citizen relations, media relations, and ethics. Prerequisite(s): Enrollment in course restricted to last two semesters in MPA program. To be taken during the last two semesters of course work.

PADM 5400D - Managing Financial Resources

3.0 3 hours Principles of the budgetary process and innovations in budget preparation with emphasis on the role of the budget as a tool for financial control, improving program performance, and policy making. Topics include budget innovation, accounting and financial reporting. Prerequisite(s): None.

PADM 5500D - Administrative Research Methods I

3.0 3 hours Introduction to methods and techniques of applied research and statistical analysis. Topics include probability, descriptive statistics, estimation, hypothesis testing, contingency table analysis and regression analysis. Prerequisite(s): None.

PADM 5510D - Administrative Research Methods II

3.0 3 hours Course in program evaluation focusing on the practical application of appropriate social science research methodology to assess the effectiveness and efficiency of public and nonprofit sector programs and policies. Covers a broad range of topics on how to develop an evaluation plan; design various types of evaluations such as process, impact, cost-benefit, and cost-effectiveness evaluations; and how to manage evaluation projects. Prerequisite(s): PADM 5500D .

MGMT 5120D - Managing Organizational Design and Change

3 hours Examination of the development of organizational competencies and capabilities through the study of the theory and tools related to organizational design and change. Emphasis is placed on the use of horizontal and vertical linkage mechanisms that provide the organization with the flexibility to adapt to a rapidly changing competitive environment. Definition of management roles and the use of teams are emphasized in the change management process.

MGMT 5870D - Leadership Research and Development

3 hours Theories and current research on leadership with emphasis placed on leadership development and specific applications within the organizational setting.

Elective Courses (12 Hours)

ACCT 5130D - Accounting for Management

3 hours Designed to provide an understanding of managerial accounting data in making business decisions. Cases, readings and projects are used to examine a wide variety of managerial topics. Prerequisite(s): ACCT 5020D; ECON 5000D; MATH 1190D or MATH 1400D; BCIS 5090D (BCIS 2610D, BCIS 3610D); MSCI 5010 (MSCI 3700, MSCI 3710). For students not seeking a BS or MS with a major in accounting. Prerequisite (s) : ACCT 5020D; ECON 5000D; MATH 1190D or MATH 1400D; DSCI 5010. For students not seeking a BS or MS with a major in accounting.

CJUS 5000D - Criminal Justice Policy

3 hours Methods of policy formulation, implementation and analysis in the criminal justice setting. Selected topics developed for practical research and evaluation.

CJUS 5050D - Criminals and Substance Abuse

3 hours Investigation, analysis and discussion of the relationships between substance abuse and criminal and juvenile offenders.

CJUS 5100D - Information Warfare, Security and Risk Analysis

3 hours An in-depth examination of information warfare, the management of information security and the analysis of risk within organizational contexts.

CJUS 5120D - Cybercrime and Digital Forensics

3 hours An examination of crimes using computers and the internet as their primary medium, with practical analyses of evidence of these crimes.

CJUS 5130D - Information Policy, Law and Justice

3 hours Critical consideration of some of the public policy, legal and societal justice implications of new information technology such as the Internet.

CJUS 5200D - Legal Aspects of the Criminal Justice System

3 hours An examination of the legal process and procedures of the criminal justice system, including investigation, arrest, prosecution and sentencing.

CJUS 5250D - Administrative Law and Justice

3 hours Discussion of the legal principles and doctrines applicable to the state and federal criminal justice agencies, including information policy, ethical and liability issues.

CJUS 5270D - Criminal Evidence

3 hours Examines the problems of proof in the criminal justice process, including the admission and exclusion of evidence, the examination of witnesses, substitutes for evidence and procedural considerations. Both the theory and application of the evidentiary principles will be explored.

CJUS 5350D - Seminar in Contemporary Policing

3 hours Survey of classical and recent literature in policing. Studies of the trends, issues and reform movements currently prominent in the field of policing.

CJUS 5450D - Punishment, Discipline and Social Policy

3 hours Theoretical and practical bases of correctional goals and strategies focusing on offenders, the justice system and the public. The impact of various policies on the justice process and society is stressed.

CJUS 5460D - Correctional Programs

3 hours Examines the content and purposes of educational, religious, cultural, psychiatric and treatment programming for adult and juvenile offenders in institutions and the community. Methods of handling special needs offenders receive attention, as does the efficacy of such programs in controlling recidivism.

CJUS 5470D - Seminar on Juvenile Delinquency

3 hours Problems of definition and measurement, etiological theories, processing of delinquents, and treatment and prevention. (Same as SOCI 5470.)

CJUS 5500D - Seminar in Criminal Justice Administration

3 hours Critical application of selected analytical tools in administering justice agencies; studies of the application of human and financial resources, productivity, measurement and enhancement, and organization design, culture and change in the context of criminal justice agencies.

CJUS 5600D - Advanced Criminological Theory

3 hours An examination of the major theoretical explanations of criminality, the distribution of crime, and the behavior of justice agencies. (Same as SOCI 5600.)

CJUS 5620D - Seminar in Victimology

3 hours The role of the victim in various types of crime, predators and treatment of trauma, and the treatment of victims by criminal justice agencies. Political impact of the victims' movement on the justice systems and the distribution of victims across demographic and behavioral groups. (Same as SOCI 5620.)

CJUS 5700D - Evaluation and Research Methodologies

3 hours Quantitative and qualitative methods of gathering and analyzing data on crime and the justice system, with special attention devoted to evaluation methods.

CJUS 5750D - Criminal Justice Statistics

3 hours Explores the theory, practice and application of statistical analysis to the field of criminology and criminal justice. The student learns how to conduct independent statistical testing, understand the applications of statistics to research methods and the use of statistics in criminal justice. Prepares the student to conduct independent statistical analysis for criminal justice agencies or research purposes and to be able to use computer programs in statistical analysis and research.

CJUS 5800D - Topics in Criminal Justice

3 hours Content varies as course covers specific issues of current interest and concern in criminal justice and criminology. May be repeated for credit as topics vary.

ECON 5140D - Managerial Economics

3 hours Integrates microeconomic theory with accounting, finance, marketing and production management. Incremental reasoning to decision making under uncertainty. Prerequisite(s): ECON 3550 or ECON 5030. Students may not receive credit for both ECON 4140D and ECON 5140. Usually offered spring semester.

FINA 5170D - Financial Management

3 hours Tools and techniques used and proposed in corporate financial management. Analysis of the investment and financing decisions and the environment in which such decisions are made are covered in readings, case problems and class discussion. Prerequisite(s): ACCT 5020D, FINA 5040D, ECON 5000D, MATH 1190D, BCIS 5090D, DSCI 5010, or equivalent. Students with 15 credit hours of approved undergraduate finance courses may elect to substitute another 5000-level course for this course subject to the approval of the FIREL Department masters advisor.

MGMT 5140D - Organizational Behavior and Analysis

3 hours Research emphasis in organizational behavior stressing organization-people linkages and interrelationships, including selection, orientation and training; job design and reward systems; supervision; formal participation schemes; appraisals and development, organizational structure and design, communications, control and conflict resolution. Examination of behavioral science methodologies and strategies. Applications to tangential areas of organization theory, development, planning and implications for management and employee relations.

MGMT 5210D - Human Resource Management Seminar

3 hours A study of the creation and implementation of human resource policies in public and private organizations. Topics include employment, placement and personnel planning; compensation and benefits; employee and labor relations; training and development; health, safety and security. Designed for non-business graduate students and business graduate students with limited or no background in personnel management.

MGMT 5240D - Project Management

3 hours Analysis and application of project management techniques and processes to large scale, complex and unique projects. Topics include project selection; planning and organization; negotiation and conflict resolution; budgeting and cost estimation; scheduling; resource allocation; monitoring and control; project auditing; and termination. Prerequisite(s): MGMT 5070D or equivalent.

MGMT 5710D - Management Strategies for Public Issues

3 hours Public issues confronting business leaders stemming from profound changes in societal expectations and demands as manifested in political forums and government action. Focuses on the social and political environment of business and explores the role of the corporation in today's society.

MKTG 5150D - Marketing Management

3 hours Application of concepts, tools and procedures employed by practicing marketing managers. Specific attention is given to product development and management, promotion development and management, channel selection and management, physical distribution management, and price setting and management. Students acquire skills in the essentials of case analysis and written as well as oral presentation of their analysis. Oral presentations may be made using electronic media. Groups may be required for case work. Prerequisite(s): MKTG 3650D or MKTG 5000D.

PADM 5050D - Legal Issues in Public Administration

3.0 3 hours. This course focuses on the relationship between public management and the law. Explores the role of bureaucrats in formulating law and policy through the rule-making process and the control of executive branch agencies by the executive, the legislature, and the courts.

PADM 5200D - Public Personnel Management

3 3 hours. Managing human resources in national, state and local governments.

PADM 5310D - Economic and Community Development

3.0 3 hours. This course examines the basic role of governance as an instrument of economic and community development in the United States. Focus on the meaning and application of development primarily on subnational development with particular reference to cities and towns. Topics include economic development tools, politics of development, development financing, and development organizations.

PADM 5410D - Capital Budgeting and Planning

3 3 hours. Examination of capital budgeting and planning in government. Course explores the financial aspects of water and waste water utilities, roads and highways, airports, parks, storm water drainage and other infrastructure. Key dimensions of budgeting, planning and managing public works facilities are detailed through lectures, case studies and papers.

PADM 5420D - Revenue Policy and Administration

3 3 hours. Examination of the economic, political and administrative issues that governments encounter when making revenue decisions, including how to achieve equity, economic efficiency and administrative feasibility. Topics include the three principal revenue sources of government income, sales and property taxes plus such nontax sources as user charges, grants-in-aid and lotteries.

PADM 5430D - Financial Accountability in Government

3 3 hours. An introduction to financial control in government, including fund accounting, financial reporting, internal controls and auditing. Particular emphasis is given to the public manager's use of accounting information in such contexts as budget decision making, pricing government services, cash planning and municipal bond ratings.

PADM 5550D - Seminar in Program Evaluation

3.0 3 hours. Advanced course in evaluation, performance measurement, and monitoring in the management of government programs. Uses methods of social science to evaluate the effectiveness of government services. Prerequisite(s): PADM 5510D .

PADM 5560D - Performance Measurement in Public and Nonprofit Sectors

3 3 hours. Overview of the performance measurement process, including benchmarking and performance monitoring in public and nonprofit organizations. The overall objective of the course is to acquaint program administrators and other practitioners with conceptual tools essential to understanding the development of performance measurement systems and the techniques necessary to enable them to apply the concepts in their work environments. Emphasis is on the practical application of the techniques of performance measurement in field settings.

PADM 5610D - Disaster Preparedness and Management

3 3 hours. Examination of the theory and practice of emergency management. Particular emphasis is given to the major issues affecting emergency management, including strategies to promote planning for mitigating disasters. Emphasis is on the evolving role of the Federal Emergency Management Agency (FEMA), state and local government, and emergency managers in the disaster management arena.

PADM 5615D - Environmental Planning and Hazards

3 3 hours. Introduction to environmental planning and policy at the federal, state and local government levels. Designed to help students develop a working knowledge of basic planning and policy concepts, methods, institutions and issues. Emphasis is given to the linkage between environmental degradation and vulnerability to hazards.

PADM 5700D - Seminar in Public Administration

3 3 hours. Concepts, problems and processes of public administration. May be repeated for credit as topics vary.

PADM 5800D - Public Management Internship

3.0 3 hours each. Pre-career MPA students must enroll in this graded course in their first semester. Acquisition of practical management experience through a series of seminars designed to prepare pre-career students for a 440-hour internship with a public or non-profit organization. Academic supervision and evaluation of internship performance along with a final presentation are required.

PADM 5900D - Special Problems

1.0-3.0 1-3 hours each. Conference courses open to advanced students capable of doing independent research under the direction of the instructor. Prerequisite(s): consent of department chair.

PADM 5910D - Special Problems

1.0-3.0 1-3 hours each. Conference courses open to advanced students capable of doing independent research under the direction of the instructor. Prerequisite(s): consent of department chair.

Master of Business Administration

Business Administration, MBA

Department Advisor - Dr. John Wong
(P) 972.338.1835
Email: john.wong@untdallas.edu

Admission Procedures

1. Submit the following to the UNT Dallas Graduate Admissions:
 - a. Graduate School Application for Admission (apply online at www.applytexas.org)
 - b. Complete official transcripts from all colleges and universities attended
2. Submit the following additional admissions materials to the Division of Business and Public Leadership - MBA program. Students seeking on-time registration need to submit a completed application packet by July 15 (Fall admission), November 15 (Spring admission), or May 1 (Summer admission).
 - a. Essay - please share with the admissions committee any unique events, life experiences, and qualifications that you feel distinguish your candidacy and will add value to the class
 - b. Two letters of recommendation (professional, not personal)
 - c. Resume (work/academic experience)
3. The Division of Business and Public Leadership determines admission and assesses background courses that may be required.

Admission Standards

- UNT Dallas requires a minimum of 2.8 overall GPA or a 3.0 for the last 60 hours GPA from the student's undergraduate degree. Applicants who have already completed a master's degree must have at least a 3.4 GPA on the master's or meet the undergraduate GPA standards.
- International students must also have taken the TOEFL or have graduated from a college/university in the United States or have successfully completed an intensive English program.
- Students admitted under the graduate non-degree (GNDE) classification may take up to twelve hours of 5000-level business courses prior to admission in the MBA program. The 12 hours chosen may consist of the background courses or the 36 hours required of the MBA degree.

Academic Standards

- The MBA programs require that a student maintain a minimum GPA of 3.0 (B) or better.

- The master's program committee will recommend dismissal of a student from the master's program if the student receives two course grades below C (for purposes of this rule, the lowest grade received in a course is used).
- Master's students may not graduate with more than two C's in their program requirements, although a course may be repeated to raise a grade of C or less.
- Master's students whose academic performance falls below a cumulative 3.0 GPA on all graduate work attempted will be notified by the Division of Business and Public Leadership Graduate Programs Office that they have been placed on academic probation.
- Course work taken at another university by a student on suspension cannot be applied toward the degree program.

Course Requirements

Background Courses* (18 hours)

**NOTE: Background courses may be required if your undergraduate degree did not prepare you for current master level courses. Background courses are assessed on an as needed basis after evaluation of undergraduate transcripts.*

ACCT 5020D - Accumulation and Analysis of Accounting Data

3 hours Provides an understanding of accounting procedures and concepts utilized by management in making decisions. Basic concepts and techniques of accounting; the role of an accounting system in business operations and management; preparation and interpretation of financial reports. This course meets the deficiency requirement in accounting for MBA candidates and may be counted as part of a graduate program in a field other than business administration. Prerequisite(s) : May not be taken for credit if ACCT 2010D and ACCT 2020D or the equivalent has been taken and a grade of C or better was earned.

ECON 5000D - Economic Concepts

3 hours Theory of the firm under different market structures; demand theory, the Keynesian model and the money system.

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service

development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

Core Courses (18 hours)

Students are required to complete the following core courses.

ACCT 5130D - Accounting for Management

3 hours Designed to provide an understanding of managerial accounting data in making business decisions. Cases, readings and projects are used to examine a wide variety of managerial topics. Prerequisite(s): ACCT 5020D; ECON 5000D; MATH 1190D or MATH 1400D; BCIS 5090D (BCIS 2610D, BCIS 3610D); MSCI 5010 (MSCI 3700, MSCI 3710). For students not seeking a BS or MS with a major in accounting. Prerequisite (s) : ACCT 5020D; ECON 5000D; MATH 1190D or MATH 1400D; DSCI 5010. For students not seeking a BS or MS with a major in accounting.

MGMT 5140D - Organizational Behavior and Analysis

3 hours Research emphasis in organizational behavior stressing organization-people linkages and interrelationships, including selection, orientation and training; job design and reward systems; supervision; formal participation schemes; appraisals and development, organizational structure and design, communications, control and conflict resolution. Examination of behavioral science methodologies and strategies. Applications to tangential areas of organization theory, development, planning and implications for management and employee relations.

MKTG 5150D - Marketing Management

3 hours Application of concepts, tools and procedures employed by practicing marketing managers. Specific attention is given to product development and management, promotion development and management, channel selection and management, physical distribution management, and price setting and management. Students acquire skills in the essentials of case analysis and written as well as oral presentation of their analysis. Oral presentations may be made using electronic media. Groups may be required for case work. Prerequisite(s): MKTG 3650D or MKTG 5000D.

FINA 5170D - Financial Management

3 hours Tools and techniques used and proposed in corporate financial management. Analysis of the investment and financing decisions and the environment in which such decisions are made are covered in readings, case problems and class discussion. Prerequisite(s): ACCT 5020D, FINA 5040D, ECON 5000D, MATH 1190D, BCIS 5090D, DSCI 5010, or equivalent. Students with 15 credit hours of approved undergraduate finance courses may elect to substitute another 5000-level course for this course subject to the approval of the FIREL Department masters advisor.

ECON 5140D - Managerial Economics

3 hours Integrates microeconomic theory with accounting, finance, marketing and production management. Incremental reasoning to decision making under uncertainty. Prerequisite(s): ECON 3550 or ECON 5030. Students may not receive credit for both ECON 4140D and ECON 5140. Usually offered spring semester.

BUSI 5190D - Administrative Strategy

3 hours Capstone course providing the integration of functional areas of business administration. Requires students to determine policy at the general- or top-management level. Students address strategic organizational problems and the

optimization of the total enterprise. Course includes the use of lectures, case analysis and special topics. This course must be taken in the student's last semester of course work.

Concentration Courses (12 hours)

BLAW 5400D - Law for Accountants and Managers

3 3 hours. A study of and practice in the technique of analyzing law problems and cases affecting accountants and managers. Topics include legal responsibility, business organizations, contracts, debtor-creditor relations, government regulation, uniform commercial code and property rights.

MGMT 5300D - Entrepreneurship and Venture Management

3 5300. Entrepreneurship and Venture Management. 3 hours. The creation of new business enterprises and the expansion of current enterprises through the venture. Topics include assessment of entrepreneurial characteristics, the entrepreneurial team, generation and screening of venture ideas, market analysis and technical analysis.

MGMT 5660D - International Management

3 hours Designed to expose the student to the international aspects of management. Cultural differences in management applications, management of multinational corporations and integration of domestic business functions and international operations.

MGMT 5240D - Project Management

3 hours Analysis and application of project management techniques and processes to large scale, complex and unique projects. Topics include project selection; planning and organization; negotiation and conflict resolution; budgeting and cost estimation; scheduling; resource allocation; monitoring and control; project auditing; and termination. Prerequisite(s): MGMT 5070D or equivalent.

Course Information

Courses of Instruction

Course Listings

All courses of instruction are listed alphabetically. If more than one area of instruction exists within a unit, courses are listed alphabetically within that unit. Additionally, the courses appear in the straight alphabetical listing with a reference back to the unit.

Use the Course and Subject Guide located before the Course Listings to find courses quickly. Select prefix under Prefix/Subject Guide column and find the page number in the last column. If the Prefix/Subject Guide is unknown, examine the Courses of Instruction column for interest area and page number.

Course Numbering System

Freshman courses, 1000D-1999D.
Sophomore courses, 2000D-2999D.
Junior courses, 3000D-3999D.
Senior courses, 4000D-4999D.
Graduate courses, 5000D and above.

The graduate student enrolled in a 5000-level course that meets with a senior-level undergraduate course will be expected to complete additional requirements beyond those expected of undergraduates in the same course.

Courses 2900D, 2910D, 4900D and 4910D, **Special Problems**, are used upon approval of the department chair or dean for individual instruction in any department to cover course content in special circumstances. Courses 5900D, 5910D, 5920D and 5930D are used in any department that offers graduate work.

Experimental Courses, 1980D, 2980D and 4980D, are new courses offered on a trial basis for 1-4 hours credit each. Registration is permitted only upon approval of the department chair.

Advanced Courses, numbered 3000D to 4999D, are open to students who have 12 semester hours of credit in a given subject or who have the indicated prerequisites, and to those without the prerequisites who have the consent of the department chair. In some instances, school requirements may vary. Students should consult individual areas prior to enrolling in advanced courses.

General Course Information

Individual courses of instruction are subject to change or withdrawal at any time and may not be offered each term/semester or every year. Any course may be withdrawn from current offerings if the number of registrants is too small to justify conducting the course. Students interested in a particular course during a particular period should inquire in advance and/or consult the applicable online Schedule of Classes at <http://dallas.unt.edu/registrar>.

Figures in parentheses following the course credit hours indicate the number of clock hours per week devoted to lecture and laboratory. When it appears, the third and final number in these parentheses indicates the number of recitation hours per week. Specific information regarding courses within a particular department is located immediately before the course listings.

Prerequisite

A prerequisite is a course or other preparation that must be completed before enrollment in another course. All prerequisites are included in catalog course descriptions.

Semester Hour

A semester hour is the unit of credit at UNT Dallas; the credit allows for 1 lecture hour a week for 15 weeks or the equivalent.

Texas Common Course Numbering System

The Texas Common Course Numbering System (TCCNS) has been designed for the purpose of aiding students in the transfer of general academic courses between colleges and universities throughout Texas. Common courses are freshman and sophomore academic credit courses that have been identified as common by institutions that are members of the common course numbering system. The system ensures that if the student takes a course the receiving institution

designates as common, then the course will be accepted in transfer and the credit will be treated as equivalent to the course offered by the receiving institution.

The following table lists the courses that have been identified as common and their TCCNS equivalents. Students wishing to transfer a course that is not listed should obtain approval from the department of their intended major prior to taking the course. The student's academic dean determines applicability of the credit to a degree program. Before using this table, students should be sure that the institution they attend employs the TCCNS.

Common course numbers shown on this list as equating to 3000D-level (upper-division) courses at UNT Dallas will transfer as equivalent courses, but will not be counted as upper-division credit.

Information provided is subject to change without notice and does not constitute a contract between UNT Dallas and a student or applicant for admission. Transfer credit is subject to audit during a student's academic career at UNT Dallas. Total hours accepted may be increased or decreased to reflect correction of prior evaluation or consideration of additional transfer work to ensure compliance with UNT Dallas academic policies.

Prospective transfer students should contact the department of their intended major for course work guidelines prior to enrollment. The most current version of the common course numbering system course equivalents for UNT Dallas is available from the Office of Admissions.

The TCCNS numbers, when applicable, are indicated in parentheses immediately following the UNT Dallas course number in the course description except when two UNT Dallas courses are required to meet a TCCNS equivalent. See "How to Read Course Descriptions" in this section for an example. Grade points earned at other institutions are excluded in the computations of the UNT Dallas cumulative grade point average, but transfer hours accepted are included in determining the classification and minimum required level of performance. Additional information concerning academic status is available from the offices of the academic deans. Additional courses may be equivalent but are not listed as being a part of TCCNS, contact the academic dean of your major at UNT Dallas for advising.

Students enrolled at UNT Dallas must secure their dean's approval to enroll concurrently in another college or university. Failure to obtain advance approval may result in the refusal of the university to accept such work in transfer.

For academic advising at UNT Dallas, contact the Academic Advising Center at 972-780-3645:

Texas Common Course Numbering System	
TCCNS	UNT Dallas
ACCT 2301	ACCT 2010D
ACCT 2302	ACCT 2020D
ACCT 2401	ACCT 2010D
ACCT 2402	ACCT 2020D
ANTH 2346	ANTH 1010D
ARTS 1301	ART 1300D
BCIS 1305	BCIS 2610D
BCIS 1405	BCIS 2610D
BIOL 1106	BIOL 1730D

BIOL 1107	BIOL 1740D
BIOL 1306	BIOL 1710D
BIOL 1307	BIOL 1720D
BIOL 1406	BIOL 1710D/1730D
BIOL 1407	BIOL 1720D/1740D
BIOL 2106/2306	BIOL 1132D
BIOL 2406	BIOL 1132D
CHEM 1111	CHEM 1430D
CHEM 1112	CHEM 1440D
CHEM 1311	CHEM 1410D
CHEM 1312	CHEM 1420D
CHEM 1411	CHEM 1410D/1430D
CHEM 1412	CHEM 1420D/1440D
COSC 1300	CSCE 1010D
COSC 1315	CSCE 1020D
COSC 1336	CSCE 1030D
COSC 1400	CSCE 1010D
COSC 1415	CSCE 1020D
COSC 1337	CSCE 1040D
COSC 1436	CSCE 1030D
COSC 1437	CSCE 1040D
COSC 2325	CSCE 2610D
COSC 2336	CSCE 2050D
COSC 2425	CSCE 2610D
COSC 2436	CSCE 2050D
CRIJ 1301	CJUS 2100D
ECON 2301	ECON 1110D

ECON 2302	ECON 1100D
ENGL 1301	ENGL 1310D
ENGL 2332	ENGL 2210D
ENGL 2333	ENGL 2220D
GEOG 1101/1301	GEOG 1710D
GEOG 1401	GEOG 1710D
GOVT 2301	PSCI 1040D
GOVT 2302	PSCI 1050D
HIST 1301	HIST 2610D
HIST 1302	HIST 2620D
MATH 1314	MATH 1100D
MATH 1325	MATH 1190D
MATH 1342	MATH 1680D
MATH 1350	MATH 1350D
MATH 1351	MATH 1351D
MATH 1414	MATH 1100D
MATH 1425	MATH 1190D
MATH 1442	MATH 1680D
MATH 2305	MATH 2770D
MATH 2312	MATH 1650D
MATH 2313	MATH 1710D
MATH 2314	MATH 1720D
MATH 2315	MATH 2730D
MATH 2318	MATH 2700D
MATH 2405	MATH 2770D
MATH 2412	MATH 1650D
MATH 2413	MATH 1710D

MATH 2414	MATH 1720D
MATH 2415	MATH 2730D
MATH 2418	MATH 2700D
MATH 2513	MATH 1710D
MUSI 1116	MUTH 1410D
MUSI 1304	MUED 1130D
MUSI 1306	MUMH 2040D
PHYS 1115/1315	PHYS 1210D
PHYS 1415	PHYS 1210D
PHYS 2125	PHYS 1730D
PHYS 2126	PHYS 2240D
PHYS 2325	PHYS 1710D
PHYS 2425	PHYS 1710D/1730D
PHYS 2426	PHYS 2220D/2240D
PSYC 2301	PSYC 1630D
REAL 1301	REAL 2100D
SOCI 1301	SOCI 1510D
SOCI 1306	SOCI 1520D
SOCI 2319	SOCI 2010D
SPAN 1311	SPAN 1010D
SPAN 1312	SPAN 1020D
SPAN 1411	SPAN 1010D
SPAN 1412	SPAN 1020D
SPAN 1511	SPAN 1010D
SPAN 1512	SPAN 1020D
SPAN 2311	SPAN 2040D
SPAN 2312	SPAN 2050D

SPCH 1311	COMM 1010D
TECA 1303	DFST 2033D
TECA 1354	DFST 1013D

Course Descriptions

How to Read Course Descriptions

Note: A sample has been compiled to identify different components of the course description and does not accurately reflect an existing course. Explanations are given below the example. Not all course descriptions include every component shown in the following example.

Example from Catalog: English

The prerequisites to sophomore-level English are 6 semester hours of freshman-level English or equivalent credit. A student may enroll for sophomore-level English concurrently with the second term/semester of freshman-level English.

English,

ENGL 1320D (ENGL 1302). College Writing II. 3 hours. (3;0;1) Continuation of ENGL 1310D. Writing in response to reading and research. Emphasis on perfecting texts through several drafts. Prerequisite(s): ENGL 1310D or equivalent. Corequisite(s): ENGL 1210D or consent of department. Satisfies the English Composition and Rhetoric requirement of the University Core Curriculum. (Same as COMM 1320.)

Explanation of Example:

In this example, the first paragraph gives specific information regarding courses within a particular department. **English** is the area of study. **ENGL** represents the course prefix. **1320D** is the course number. The text in parentheses, **(ENGL 1302)** is the Texas Common Course Numbering System (TCCNS) common number, explained under "Texas Common Course Numbering System" in this section. **College Writing II** is the title of the course. **3 hours** represents the number of semester credit hours earned. **(3;0;1)** shows that 3 hours will be spent in lecture, 0 hours will be spent in laboratory, and 1 hour will be spent in recitation. **Continuation of ENGL 1310D. Writing in response to reading and research. Emphasis on perfecting texts through several drafts** is the course description and general comments regarding the course. **Prerequisite(s): ENGL 1310D or equivalent** explains that ENGL 1310D must be completed prior to enrolling in ENGL 1320D. **Corequisite(s): ENGL 1210D or consent of department** shows that ENGL 1210D must be completed before or while enrolled in ENGL 1320D. **Satisfies the English Composition and Rhetoric requirement of the University Core Curriculum** refers to the "University Core Curriculum Requirements" in the Academics section of this catalog. **(Same as COMM 1320.)** indicates that ENGL 1320D and COMM 1320D are cross-listed. Cross-listed courses are the same course, offered under two different prefixes.

Course Listings

Accounting - Undergraduate

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)

External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

ACCT 2020D - Accounting Principles II (Managerial Accounting)

3 hours **TCCNS Number:** (2302)

A study of the use of accounting information for business decision making. Topics include : cost behavior analysis, cost-volume-profit relationships, and the identification of costs relevant to the decision making process. Students are introduced to various cost system designs, standard costs, variable costing, operational budgeting, and decision making in decentralized businesses. Prerequisite(s): ACCT 2010D with a grade of C or better ; ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice whether at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

ACCT 2900D - Special Problems

1.0-3.0 Special Problems. 1-3 hours.

ACCT 3110D - Intermediate Accounting I

3 hours An in-depth study of the process of preparing and presenting financial information about an entity for outside users (Part I). Topics vary but typically include: standard setting; the accounting cycle including data accumulation, adjustments and preparation of financial statements; and valuation. There is a focus on the recognition, measurement and disclosure of revenue; inventory and cost of sales; and plant assets. Prerequisite(s): ACCT 2010D and ACCT 2020D with a grades of C or better ; ECON 1100D and ECON 1110D; and MATH 1190D or MATH 1400D or MATH 1710D. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

ACCT 3120D - Intermediate Accounting II

3 hours An in-depth study of the process of preparing and presenting financial information about an entity for outside users (Part II). Topics vary but typically include analysis of recognition, measurement and disclosure of: equity investments, financing activities (bonded debt, leases, pensions), income taxes, stockholders' equity, specialized reporting problems and cash flow. Prerequisite(s):ACCT 3110D; ACCT 3405D, if required for degree program; must have a 3.0 GPA in all ACCT 3000 and ACCT 4000 courses taken at UNT or their equivalent taken at other colleges and universities to take this course. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite..

ACCT 3270D - Cost Accounting

3 hours Accounting in manufacturing operations; cost concepts and classifications; cost accounting cycle; accounting for materials, labor and burden; process cost accounting; budgeting; standard costs; cost reports; direct costing and differential cost analysis. Prerequisite(s): ACCT 2010D and ACCT 2020D with grades of C or better ; ECON 1100D and ECON 1110D; BCIS 2610D; and MATH 1190D or MATH 1400D or MATH 1710D. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite..

ACCT 3405D - Professional Development

1 hour Enables students to develop knowledge, skills, and attitudes necessary to function effectively and succeed in the business world. Topics covered include how to dress for success, confidence and motivation, self-assessment, handling conflict and stress, personal and business ethics, dining etiquette, resume writing, professional certification opportunities, job search and interviewing, and the necessity for continuous self-improvement. In addition to faculty instruction, topics are covered by using former students and other guest lecturers from business, industry and government to expose students to career enhancing opportunities and to provide valuable insights from first-hand experiences. Prerequisite(s) : ACCT 2020D with a grade of C or better. This course may not be taken more than twice at UNT or at another college or university.

ACCT 4100D - Accounting Systems

3 hours Introduction to technology/accounting information systems and their interface with processes and process re-engineering. Application of systems development life cycle to the engineering of accounting information systems. Emphasis on auditing system security and integrity. Coverage of project management and accounting systems development. Practical experience with a commercial accounting package. Prerequisite(s): ACCT 3120D is a Corequisite; must have a 3.0 GPA in all ACCT 3000 and ACCT 4000 courses taken at UNT or their equivalent taken at other colleges and universities to take this course. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

ACCT 4130D - Financial Statement Analysis

3 hours Ratio and analysis and interpretation of balance sheet and income statement data. Account classifications and income measurements; company ratios, trends and present position; development of industry standards and status of business indicators as a guide for economic forecasts. Prerequisite(s): ACCT 2010D and ACCT 2020D with grades of C or better ; ECON 1100D and ECON 1110D; BCIS 2610D. Not open to accounting majors. This course may not be taken more than twice at UNT or at another college or university.

ACCT 4140D - Advanced Accounting Principles

3 hours Problems connected with income determination and equity accounting, and consolidated statements; domestic and foreign branches, and international accounting; statement of affairs; fiduciaries; actuarial science. Prerequisite(s): ACCT 3120D with a grade of C or better. This course may not be taken more than twice at UNT or at another college or university.

ACCT 4270D - Advanced Cost Accounting

3 hours Nature, measurement and analysis of accounting data appropriate to managerial decision making, and comprehensive budgeting; statistical cost estimation; cost-volume-profit analysis; gross profit analysis; application of probability to cost control; capital planning. PERT-cost. Prerequisite(s): ACCT 3270D with a grade of C or better. This course may not be taken more than twice at UNT or at another college or university.

ACCT 4300D - Federal Income Taxation

3 hours A comprehensive introduction to the U.S. federal income tax system. Emphasizes the taxation of individuals but many topics also apply to business entities. Coverage includes technical tax rules and motivations behind these rules, as well as tax planning opportunities and limitations. Prerequisite(s): ACCT 2010D and ACCT 2020D with grades of C or better. This course may not be taken more than twice at UNT or at another college or university.

ACCT 4400D - Auditing Professional Responsibilities

3 hours Introduction to auditing and the professional responsibilities of a career in any specialty of the accounting profession. Topics include the legal and ethical responsibilities of accountants; professional auditing standards; the acquisition, evaluation and documentation of audit evidence; reports on the results of the engagement. Prerequisite(s): ACCT 3120D and ACCT 4100D; BLAW 3430D. Must have a 2.5 GPA in all ACCT 3000 and ACCT 4000 courses taken at UNT or their equivalent taken at other colleges and universities to take this course. This course may not be taken more than twice at UNT or at another college or university.

ACCT 4410D - Auditing Evidence

3 3 hours. The investigation of accounting information. This is an introductory course in all aspects of the investigative process in auditing. Topics include evaluation in internal control, compliance testing, substantive testing, operational audits, statistical sampling and auditing EDP. Prerequisite(s): ACCT 4400 with a grade of C or better; DSCI 3710. May not be taken more than twice at UNT.

ACCT 4420D - International Accounting

3 hours Integrates the functional areas of accounting and demonstrates how accounting relates to the disciplines in the College of Business Administration core. Cross-functional and global approaches to organizational issues are emphasized. Enhances the ability of students to think critically, and to develop knowledge, skills, and attitudes necessary to compete effectively in the global business world. Topics covered include: multinational strategy, global perspectives in accounting, environmental, social and political influences on accounting, accounting information systems in a multinational enterprise, performance evaluation in a multinational enterprise, and the exploration of timely topical issues such as NAFTA, the European Union, and the globalization of securities markets. Prerequisite(s) : ACCT 4100D with a grade of C or better. This course may not be taken more than twice at UNT or at another college or university.

ACCT 4800D - Internship

3 hours Supervised work in a job relative to student's career objective. Prerequisite(s): student must meet the employer's requirements and have consent of the professional program director. May be repeated, but only 3 hours may apply toward degree program credit.

ACCT 4900D - Special Problems

1-3 hours

Accounting - Graduate

ACCT 5020D - Accumulation and Analysis of Accounting Data

3 hours Provides an understanding of accounting procedures and concepts utilized by management in making decisions. Basic concepts and techniques of accounting; the role of an accounting system in business operations and management; preparation and interpretation of financial reports. This course meets the deficiency requirement in accounting for MBA candidates and may be counted as part of a graduate program in a field other than business administration. Prerequisite(s) : May not be taken for credit if ACCT 2010D and ACCT 2020D or the equivalent has been taken and a grade of C or better was earned.

ACCT 5110D - Fundamentals of Accounting Research

3 3 hours. Course objectives include the following: 1) Develop student skills at recognizing accounting problems and isolating relevant issues; 2) Develop student skills to generate documentary support and arguments for an acceptable solution to a complex accounting problem; 3) Enhance student skills in effectively organizing and communicating, in written and oral form, proposed solutions to accounting problems; and 4) Familiarize students with contemporary accounting practice. Prerequisite(s): ACCT 4300, 4400 and acceptance into either the MBA or MS graduate program.

ACCT 5120D - Using Information Systems in Accounting

3 3 hours. This course is designed to enhance a student's understanding of the role of accounting information systems and their functions in business. Further, students will develop computer skills in applications for all accounting disciplines. Upon completion of the course, students will understand how accounting information systems facilitate the accomplishment of strategic and operational objectives within the organization. Prerequisite(s): ACCT 4400 or permission of instructor.

ACCT 5130D - Accounting for Management

3 hours Designed to provide an understanding of managerial accounting data in making business decisions. Cases, readings and projects are used to examine a wide variety of managerial topics. Prerequisite(s): ACCT 5020D; ECON 5000D; MATH 1190D or MATH 1400D; BCIS 5090D (BCIS 2610D, BCIS 3610D); MSCI 5010 (MSCI 3700, MSCI 3710). For students not seeking a BS or MS with a major in accounting. Prerequisite (s) : ACCT 5020D; ECON 5000D; MATH 1190D or MATH 1400D; DSCI 5010. For students not seeking a BS or MS with a major in accounting.

ACCT 5150D - The Development of Accounting Theory

3 3 hours. The theory of accounting as it has developed in the economy of the United States. Particular emphasis on concepts, income measurement, valuation of assets, and valuation and measurement of equities. Application of accounting theory to contemporary problems is analyzed by cases and research papers on selected areas. Prerequisite(s): Consent of department.

ACCT 5200D - Professional Ethics and Corporate Governance

3 3 hours. This course will examine professional ethics from both a philosophical and business perspective. Ethical reasoning, moral character and decision making will provide a framework for an examining the importance of ethics in an individual's personal life and professional career. This course will also explore the concept of corporate governance and the direction business entities are taking in establishing a sound governance framework. The course was designed to meet the ethics requirements of the Texas State Board of Public Accountancy, as well as the ethics educational needs of the larger business community. Prerequisite(s): ACCT 4400 and admission to the MS in Accounting or MS in Taxation program.

ACCT 5300D - Federal Taxation of Income

3 3 hours. Comprehensive introduction to the U.S. federal income tax system. Emphasizes the taxation of individuals but many topics also apply to business entities. Coverage includes technical tax rules and motivations behind these rules, as well as tax planning opportunities and limitations. This course may not be taken for credit if ACCT 4300 or equivalent has been taken for credit. Prerequisite(s): ACCT 4400 and graduate standing.

ACCT 5310D - Tax Research and Administrative Procedure

3 3 hours. The objectives of this course are to develop the technical and research skills needed to address contemporary tax issues. Students will learn to identify tax issues, formulate research questions, and develop the research skills needed to address them. Upon completion of this course, students will be able to use the major tax services, evaluate

the relevant authorities, and communicate their findings in a professionally written research memorandum. This course also familiarizes students with federal tax policies and procedures, and the authorities that govern tax practice by tax professionals. Prerequisite(s): ACCT 5300 (4300), 4400, and acceptance into either the MBA or MS graduate program. (MS-Taxation students should enroll in this course at the first opportunity after beginning their graduate coursework.)

ACCT 5320D - Taxation of Flow-Through Entities

3 3 hours. A comprehensive study of federal income taxation of partnerships, S corporations, fiduciaries and their owners / beneficiaries. Prerequisite(s): ACCT 5310 (may be taken concurrently).

ACCT 5370D - Family Tax Planning

3 3 hours. A comprehensive study of federal estate and gift taxation, as well as advanced family tax planning issues. Prerequisite(s): ACCT 5310 and 5320.

ACCT 5450D - Seminar in Internal Auditing

3 3 hours. A study of the theory and practice of internal auditing. The course examines the difference between internal and external auditing, focusing on such issues as independence, audit scope, reporting and human relations. Specific internal audit topics include operational auditing, audit administration, planning and supervision, and internal audit reporting. Prerequisite(s): ACCT 4100 and 4400; or consent of department.

ACCT 5470D - Auditing Advanced Theory

3 3 hours. A conceptual approach to the auditing process, stressing the interrelations of objectives, standards, techniques and procedures. Current topics, including significant legal cases, are included. Prerequisite(s): ACCT 5410; ACCT 5800 is recommended.

Anthropology - Undergraduate

ANTH 1010D - Introduction to Anthropology

3 hours **TCCNS Number:** -2346

This course surveys and explains the cultural, linguistic and biological legacy of humankind, from antiquity to the present, using research tools of anthropology. Anthropology is both a scientific and humanistic endeavor that attempts to explain the differences and similarities between and among human groups. Anthropology studies where people come from, who they are, what they do, and why they do it. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

ANTH 2900D - Special Problems

1.0-3.0 1-3 hours.

Applied Economics - Undergraduate

AECO 2900D - Special Problems

1.0-3.0 1-3 hours.

AECO 4080D - Principles of Economic and Community Development

3 3 hours. Presents a broad, interdisciplinary perspective on the local and regional economic development process. Topics include economic base analysis, industrial targeting and recruitment, tax incentives and economic impact analysis.

AECO 4090D - The Political Economy of Texas

3 3 hours. Interdisciplinary survey of the demographic, political and economic forces influencing Texas' emergence as a modern industrial state. Topics include Texas' fiscal and regulatory environments, human capital needs, and relationship with the federal government.

Applied Economics – Graduate

AECO 5050D - Seminar in Contemporary Applied Economic Problems

1-3 hours Analysis and discussion of significant contemporary issues in economics and public policy. May be repeated for credit

Applied Gerontology - Undergraduate

AGER 2250D - Images of Aging in Film and Literature

3 hours Study of attitudes toward aging through depictions of the elderly in English-language films and literary works. A major goal of the course is to replace stereotypical views of the elderly with an understanding of the variety of human experience in the last decades of life. Satisfies the Humanities requirement of the University Core Curriculum.

AGER 2900D - Special Problems

1.0-3.0 1-3 hours.

AGER 4500D - Long-Term Care Case Management with Older Adults

3 hours This practitioner-oriented course focuses on the foundations of case/care management and the care management process as practiced with impaired elderly clients and their family caregivers. Topics include older client intake and assessment, establishing goals and a plan of care, coordinating and linking services and resources, and managing and monitoring care. Situations commonly encountered with at-risk elders are examined using protocols.

AGER 4550D - Sociology of Aging

3 hours Twenty-somethings, generation Xers, baby boomers all will be senior citizens sooner or later. Their sex, race/ethnicity and social class will affect their experience of aging. Course explores issues related to successful aging, including what young adults should be doing now to ensure that they have happy, healthy, wealthy and creative golden years. Prerequisite(s): SOCI 1510D or equivalent. (Same as SOCI 4550D.)

AGER 4560D - Minority Aging

3 hours Introduction to the study of minority elderly in the United States, including their physical and mental health, income security, family relations, and service issues. Course content focuses on African-American, Asian/Pacific Islander, Hispanic, and Native American elders. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

AGER 4750D - Sexuality and Aging

3 hours One of the most pervasive myths of aging is that older people are non-sexual. This course challenges popular stereotypes and examines sexual attitudes, activity and behavior as people age. In addition to common social beliefs and attitudes that may affect the opportunity for sexual expression among older adults, biological changes and sexual response are explored, as are other aspects of intimacy important to aging individuals.

AGER 4780D - Aging Programs and Services

3 hours Introduction to the history of social policy in aging; derivations and directions of public policy, interrelationships of agencies; discussion of selected programs and services for the aged.

AGER 4900D - Special Problems

1-3 hours

Art - Undergraduate

AEAH 1750D - Visual Art Integration

1 **TCCNS Number:** 13.1302.00.03

1750D. Visual Arts Integration. 1 hour (0;2). An exploration of planning for meaningful visual art integration within early childhood and elementary education, experimentation with a variety of media and processes, along with an appreciation of a variety of art forms.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

ART 1305D - Digital Manipulated Photography

1 1 hour. Introduction to basic concepts and vocabularies of digitally manipulated photography, designed to expand aesthetic growth and involvement with the visual world. Satisfies part of the creative arts component area for the university core curriculum.

ART 2900D - Special Problems

1.0-3.0 1-3 hours each. Prerequisite(s): consent of instructor.

Art Education and Art History - Undergraduate

AEAH 2900D - Special Problems

1.0-3.0 1-3 hours.

AEAH 3750D - Children and Art

3 hours (2;4) An exploration of the elements and principles of art; experimentation with a variety of art media as related to the theories of creative development and an appreciation of a variety of visual art forms. Concurrent enrollment in lecture/lab component required. Satisfies fine arts elective for elementary education majors.

Bilingual and English as a Second Language Education - Undergraduate

EDBE 3470D - Foundations of Bilingual and English as Second Language Education

3 hours Examination of philosophies and theoretical underpinnings of bilingual and ESL education, including a review of historical antecedents of bilingual education and evolution of federal and state language policies governing the education of language-minority children. Three lecture hours a week. Course required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): May be taken concurrently with EDBE 3480D. Admission to Teacher Education or permission of department.

EDBE 3480D - Bilingualism and Multiculturalism for English Language Learning : Issues and Perspectives

3 hours Study of the bilingual learner; perspectives on multiculturalism; discussions of cognitive, social and affective factors impacting second language development; insights into education in a pluralistic society. Three lecture hours a week. Observations are required. Course required for students seeking grades EC-4 or 4-8 Generalist certification with specialization in bilingual or ESL education, or 4-8 certification with mathematics/ESL, science/ESL, social studies/ESL, or Reading/LA/ESL. Prerequisite(s): May be taken concurrently with EDBE 3470D. Admission to Teacher Education or permission of department.

EDBE 4470D - Curriculum and Assessment for Bilingual/ESL Education

3 hours Examination of the organization of curriculum for second language learners with special focus on testing and evaluation procedures appropriate for bilingual and ESL classrooms; study of formal and informal assessment of language proficiency for instructional purposes and use of standardized achievement tests. Three lecture hours a week. Course required for students in grades EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470D and EDBE 3480D. Admission to Teacher Education or permission of department. May be taken concurrently with EDBE 4490D.

EDBE 4480D - Bilingual Approaches to Content-Based Learning

3 hours Study of appropriate first language usage in bilingual classrooms, focusing on different core curriculum areas, methods and materials and review of language distribution strategies. Focus on responsive instruction that makes use of effective communication techniques and instructional strategies that actively involve students in the learning process. Three lecture hours a week and one-half field experiences hours per week in a bilingual education classroom. Required for students in grades EC-4 or 4-8 generalist certification with specialization in bilingual education. Language of instruction is Spanish. Placement through departmental Spanish proficiency exam. Prerequisite(s): EDBE 3470D and

EDBE 3480D. Admissions to Teacher Education or consent of department. Successful completion of departmental proficiency test in Spanish.

EDBE 4490D - Teaching ESL EC-12: Instructional Strategies and Resources

3 hours Study of methods and techniques of teaching English as a second language in elementary and secondary schools; language development techniques and materials for students at different levels of English proficiency. The course focuses on helping students to develop strategies (consistent with state standards for language and content learning) that can improve the English language proficiency and grade level subject matter knowledge of English language learners. Three lecture hours a week and one and one-half field-base hours a week. Course required for students seeking grades EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470D and LING 4030D; Admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4470D.

EDBE 4900D - Special Problems

1 1-3 hours.

EDBE 5560D - Fundamentals of Bilingual and English as a Second Language Education in EC-12

3 5560. Fundamentals of Bilingual and English as a Second Language Education in EC-12. 3 hours. Examination of historical and legal aspects of bilingual and English as a second language education in EC-12 settings, including program models for the education of English language learners; also, an overview of theories of second language learning and their implications for practice in schools. A minimum of 10 hours of observations are required. Three lecture hours a week. Prerequisite(s): Consent of Department.

Bilingual and English as a Second Language Education - Graduate

EDBE 5570D - Assessing Language & Content Learning in EC-12 Bilingual and English as a Second Language Education

3 3 hours. Examination of issues related to assessment of language proficiency and cognitive abilities of EC-12 English language learners, including the importance of appropriate diagnostic testing to the teaching and learning process; also, a review of potential cultural bias in EC-12 assessment; procedures for assessing eligibility of EC-12 students for special language programs. Prerequisite(s): EDBE 5560D or Consent of Department.

EDBE 5580D - Bilingual Content Instruction

3 3 hours. Study of curriculum, materials and pedagogy applicable to bilingual classrooms. Attention is given to the integrated teaching of mathematics and the social and natural sciences in bilingual classrooms, emphasizing research-based methods that use the learner's first language for content instruction. This course is taught in Spanish. Prerequisite(s): EDBE 5560D or Consent of Department. Designed for bilingual, post-baccalaureate teacher certification students.

EDBE 5582D - ESL Content Instruction

3 3 hours. Study of subject-specific instructional methods, approaches, and materials to teach mathematics, science, English language arts and social studies to students for whom English is a second language. Thirty (30) hours of field experiences in ESL classrooms are required for students seeking certification in ESL education. Prerequisite(s) : EDBE 5560D or consent of department.

EDBE 5590D - Pedagogy of English as Second Language for EC-12 Classrooms

3 3 hours. Examination of appropriate procedures and materials for academic content instruction and language development for English Language Learners (ELLs). Topics to be explored include structured and unstructured techniques for teaching ELLs, the relationship between oral language development and literacy skills, the development of literacy skills in English for students who are not literate in the first language and methods for effective sheltered English instruction. Emphasis placed on inclusion of all learners. Prerequisite(s): LING 3060D - Principles of Language Study; EDBE 5560D - Fundamentals of Bilingual and English as a Second Language Education in EC-12 or Consent of Department.

EDBE 5600D - Sociocultural Foundations of Bilingual and ESL Education

3 3 hours. Study of sociolinguistic and sociocultural theory and methodology, with special emphasis on their applicability to linguistically and culturally diverse educational contexts and communities.

EDBE 5650D - Academic Spanish in the Bilingual Classroom

3 3 hours. Focus on the use of academic Spanish in bilingual classrooms, including Spanish writing conventions, genres, and grammar. Attention is given to Spanish language systems and applications as well as to classroom pedagogy. This course is taught in Spanish.

EDBE 5660D - English Language Acquisition by Spanish Speakers : Theories and Methods

3 3 hours. Considering that many ELLs have a Spanish speaking background, this class will focus on the identification and explanation of the nature and origin of different types of errors as well as on an overview of their English second language acquisition process. Practical analysis of oral and written English samples will be given as well as an overview of methods and strategies to help error correction. During the course, students will also acquire the most common Spanish phrases and vocabulary used in the classroom setting. Prerequisite(s) : Admission to graduate school.

Biochemistry - Undergraduate

BIOC 2900D - Introduction to Biochemical Research

1.0-3.0 1-3 hours each. Individualized laboratory instruction. Students may begin training on laboratory research techniques. Prerequisite(s): CHEM 1430D (may be taken concurrently) and consent of instructor. For elective credit only; may not be substituted for required chemistry courses.

BIOC 3621D - Elementary Biochemistry

3 hours 3621. Elementary Biochemistry. 3 hours. Chemistry of biomolecules; amino acids, proteins, enzymes, carbohydrates, lipids, nucleotides, nucleic acids, vitamins and coenzymes; metabolism of biomolecules, generation and utilization of energy. Prerequisite(s): organic chemistry. Counts toward chemistry minor for biology majors when taken concurrently with BIOC 3622. For students needing one semester biochemistry course. BIOC 3621 may not be used in

the degree if credit is earned in BIOC 4540 or 4550. Admission to the biology/biochemistry major or consent of department.

BIOC 3622D - Elementary Biochemistry Laboratory

1 hour 3622. Elementary Biochemistry Laboratory. 1 hour. (0;4) Laboratory techniques for BIOC 3621. Prerequisite(s): concurrent enrollment in BIOC 3621. BIOC 3622 may not be used in the degree if credit is earned in BIOC 4560.

Biological Sciences - Undergraduate

BIOL 1082D - Biology for Educators

3 hours (3;3) Develop a meaningful and functional command of key biological concepts; an understanding of the interrelationships among all living things; and a correlation between what pre-service teachers are required to learn and what they will be required to teach. Includes laboratory. BIOL 1082D is a general biology course with laboratory designated for elementary and middle school education majors for seeking teacher certification. Note: this course may not be used to satisfy the laboratory science requirement for majors in the College of Arts and Sciences.

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1710D - Principles of Biology I

3 hours **TCCNS Number:** -1306

(3;0;1) An integrated approach to cell and molecular biology with an emphasis on biological chemistry, cell structure and function, Mendelian and molecular genetics, evolutionary biology, and classification of microorganisms, plants and animals. Required for biology major. Course should be taken concurrently with BIOL 1730D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1720D - Principles of Biology II

3 hours **TCCNS Number:** -1307

(3;0;1) An integrated approach to the anatomical, physiological and functional aspects of nutrition, gas exchange, transport, reproduction, development, regulation, response and ecology of microorganisms, plants and animals. Required of all biology majors. Course should be taken concurrently with BIOL 1740D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1730D - Principles of Biology I Laboratory

1 hour **TCCNS Number:** -1106

(0;3) Laboratory techniques for BIOL 1710D. Prerequisite(s): BIOL 1710D or 1711, should be taken concurrently. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1740D - Principles of Biology II Laboratory

1 hour **TCCNS Number:** (1107)

(0;3) Laboratory techniques for BIOL 1720D. Prerequisite(s): BIOL 1710D/BIOL 1730D or BIOL 1711/BIOL 1730D and credit for or concurrent enrollment in BIOL 1720D or BIOL 1722. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 2041D - Microbiology

3 hours 2041. Microbiology. 3 hours. Survey of the microbial world; classification, ecology, morphology and physiology of eukaryotic and prokaryotic microorganisms. Prerequisite(s) : BIOL 1710/1730 and credit for or concurrent enrollment in BIOL 2042 and CHEM 1420.

BIOL 2042D - Microbiology Laboratory

1 hour 2042. Microbiology Laboratory. 1 hour (0;4). Laboratory techniques in general microbiology. Survey of microorganisms including bacteria, fungi, protozoa, and algae. Culture, staining, and identification of bacteria. Prerequisite(s) : Credit for or concurrent enrollment in BIOL 2041 and CHEM 1420.

BIOL 2140D - Ecology

3 2140. Principles of Ecology. 3 hours. Ecological and evolutionary approach to understanding distribution, abundance, dispersion and form-function diversity of organisms. Focus on organisms, their physiological and life history adaptations, and populations. Prerequisite(s): BIOL 1710/1730 and 1720/1740 or equivalent.

BIOL 2301D - Human Anatomy and Physiology I

3 hours 2301. Human Anatomy and Physiology I. 3 hours. Functional anatomy and physiology of the human body including biological chemistry, cell morphology, membrane and tissue physiology, musculoskeletal system and the nervous system. For kinesiology, dance majors and allied health students. May be used to complete a portion of the Natural Sciences requirements of the University Core Curriculum. Prerequisite(s) : Credit for or concurrent enrollment in BIOL 2311.

BIOL 2302D - Human Anatomy and Physiology II

3 hours 2302. Human Anatomy and Physiology II. 3 hours. Functional anatomy and physiology of the human body including the endocrine, digestive, respiratory, cardiovascular, urinary, and reproductive systems. For kinesiology, dance majors and allied health students. May be used to complete a portion of the Natural Sciences requirements of the University Core Curriculum. Prerequisite(s) : BIOL 2301/2311 and credit for or concurrent enrollment in BIOL 2312.

BIOL 2311D - Human Anatomy and Physiology I Laboratory

1 hour 2311. Human Anatomy and Physiology I Laboratory. 1 hour. Laboratory studies examining the functional anatomy and physiology of the human body including cell morphology, tissue histology, musculoskeletal anatomy and nervous system anatomy. For kinesiology, dance majors and allied health students. May be used to complete a portion of the Natural Sciences requirements of the University Core Curriculum. Prerequisite(s) : Credit for or concurrent enrollment in BIOL 2301.

BIOL 2312D - Human Anatomy and Physiology II Laboratory

1 hour 2312. Human Anatomy and Physiology II Laboratory. 1 hour. Laboratory studies examining the functional anatomy and physiology of the human body including the endocrine, digestive, respiratory, cardiovascular, urinary and

reproductive systems. For kinesiology, dance majors and allied health students. May be used to complete a portion of the Natural Sciences requirements of the University Core Curriculum. Prerequisite(s) : Credit for or concurrent enrollment in BIOL 2302.

BIOL 2900D - Special Problems

1.0-3.0 1-3 hours each. Individual readings and laboratory research projects in the biological sciences.

BIOL 3331D - Biomedical Criminalistics

3 hours 3331. Biomedical Criminalistics. 3 hours. Survey of the various forensic sciences with emphasis on direct examination of human remains and directly related biological evidence; e.g. anthropology, pathology, odontology. Students learn how cases arise; i.e. how remains are located, recovered, and processed. Supporting biological, clinical, and physical sciences will also be covered; e.g. toxicology, entomology, DNA science, forensic geology/palynology, and remote sensing. Prerequisite(s): CJUS 3330 or consent of department

BIOL 3451D - Genetics

3 hours 3451. Genetics. 3 hours. Genetic structure and inheritance in viruses, bacteria and higher organisms with emphasis on gene biochemistry, Mendelian genetics and population genetics. Prerequisite(s): 8 hours of biological sciences and credit for or concurrent enrollment in organic chemistry. Admission to the biology/biochemistry major or consent of department.

BIOL 3452D - Genetics Laboratory

1 hour 3452. Genetics Laboratory. 1 hour. (0;4) Laboratory studies examining classical transmission genetics and modern molecular genetics. Heavy emphasis on experimental crosses and application of molecular genetics. Prerequisite(s): credit for or concurrent enrollment in BIOL 3451.

BIOL 3510D - Cell Biology

3 hours 3510. Cell Biology. 3 hours. Structure and function of animal and plant cells with emphasis on cell membranes, cytoplasmic organelles and the nucleus. Prerequisite(s): 8 hours of organic chemistry or equivalent. Admission to the biology/biochemistry major or consent of department.

BIOL 3520D - Cell Biology Laboratory

1 hour 3520. Cell Biology Laboratory. 1 hour. (0;4) Laboratory studies emphasizing the isolation and characterization of subcellular organelles. Prerequisite(s): credit for or concurrent enrollment in BIOL 3510.

BIOL 4080D - Radiation Safety

1 hour 4080. Radiation Safety. 1 hour. (1;0) Radiation sources, interaction of radiation with matter and human tissues, radiation measurement and dosage, instrumentation, regulations and practical safety procedures. Meets state training requirements for use of radioactive isotopes or radiation producing equipment. Prerequisite(s): 12 hours of biology, chemistry, or physics, or combination of the three. May not be repeated at the graduate level as BIOL 5080. (Same as BIOL 5080.)

BIOL 4120D - Environmental Chemistry

3 4120. Environmental Chemistry. 3 hours. Presents a scientific overview of environmental contaminants, their occurrence, sources and impact on humans and the environment. May not be repeated at the graduate level as BIOL 5120. Cross-listed with BIOL 5120. Prerequisite(s) : 8 hours of chemistry.

BIOL 4220D - Neuropsychopharmacology

3 3 hours. Comprehensive examination of the physiological effects of major psychotropic drug classes that affect the central nervous system, including the interactions between neurotransmitter systems and physiology; neuroanatomical pathways and behavior; synaptic functions and behavioral disorders. Open to all majors. Prerequisite(s): junior standing. May not be repeated at the graduate level as BIOL 5220.

BIOL 4240D - Forensic Microscopy

3 hours 4240. Forensic Microscopy. 3 hours (2;4). Introduction to microscopic analysis with emphasis on the fundamentals necessary for identification and characterization of trace evidence materials such as glass, hair, fibers, explosives, soil, paint and biological samples. Prerequisite(s): Successful completion of a minimum of 60 semester hours; 8 hours organic chemistry; CJUS 3330; BIOL 3331, 3451/3452 and admission to Biomedical Criminalistics Certificate or consent of department.

BIOL 4250D - Pharmacology:

3 hours 4250. Pharmacology: Biological Basis of Drug Action. 3 hours. An overview of pharmacology based on principles of drug action; emphasis on drugs by class, and not specific drugs per se. General principles, antibiotics and pharmacology of the autonomic, cardiovascular, central nervous and endocrine systems. Prerequisite(s): 8 hours of biological sciences or consent of department. May not be repeated at the graduate level as BIOL 5150.

BIOL 4260D - Principles of Evolution

3 3 hours. Population genetics; ecological, geographical and historical concepts of evolution. Prerequisite(s): BIOL 3350 or 3451D /3452D , or equivalent. May not be repeated at the graduate level as BIOL 5260.

BIOL 4330D - Developmental Biology

3 4330. Developmental Biology. 3 hours. Mechanisms of development, differentiation, and growth in animals at the molecular, cellular, and genetic levels. Areas of particular emphasis include transcriptional control mechanisms, embryonic patterning, cell-cell interactions, growth factors and signal transduction, and regulatory hierarchies. Coverage also includes the roles that environmental factors play in development, the medical applications of our knowledge of development, and the roles that development plays in evolution. May not be repeated at the graduate level as BIOL 5330. Cross-listed with BIOL 5330 Prerequisite(s) : 16 hours of biology or consent of department.

BIOL 4370D - General Toxicology

3 hours 4370. General Toxicology. 3 hours. Introduction to the basic principles of toxicology. Focus on absorption, distribution, metabolism and elimination of toxicants, target organ toxicity, mechanisms of toxic action, carcinogenesis and risk assessment. Cross-listed with BIOL 5370. Prerequisite(s) : 8 hours each of Biology and Chemistry.

BIOL 4570D - Biochemistry and Molecular Biology of the Gene

3 hours 4570. Biochemistry and Molecular Biology of the Gene. 3 hours. Mechanisms and regulation of genetic expression, chromosome replication, mutagenesis and DNA repair, and gene cloning in prokaryotic and eukaryotic

systems. May not be used to satisfy minor requirements in chemistry. Prerequisite(s): at least one of the following: BIOL 3451/3452, 3510/3520 or BIOC 4540. (Same as BIOC 4570.)

BIOL 4590D - Forensic Molecular Biology Laboratory

3 hours 4590. Forensic Molecular Biology Laboratory. 3 hours (2;6). Experiments in evidence processing and forensic DNA analysis. Lectures and exercises include DNA extraction techniques, DNA quantification, PCR amplification of polymorphic nuclear and mtDNA loci and fragment analysis utilizing capillary electrophoresis. Prerequisite(s) : BIOL / BIOC 4570 or equivalent.

BIOL 4700D - Research Methods for Secondary Science Instruction

3.0 3 hours. (2;4) Techniques used to solve and address scientific inquiry. Design of experiments. Use of statistics to interpret experimental results and measure sampling errors. Ethical treatment of human subjects. Laboratory safety. Mathematical modeling of scientific phenomena. Oral and written presentation of scientific work. Prerequisite(s): 18 hours of biology, completion of freshman and sophomore science courses required for certification, and consent of department. EDSE 3500D and EDSE 4000D are highly recommended. Students seeking secondary certification in mathematics or computer science who have completed the other science requirements of their majors also may enroll. Does not count as an elective toward a major or minor in biology except for students seeking teacher certification. (Same as CHEM 4700D and PHYS 4700.) May not be repeated at graduate level as BIOL 5700.

BIOL 4930D - Special Problems

3 4930. Special Problems. 1-3 hours. Individual study. Prerequisite(s): junior or senior standing and approval of supervising faculty member and/or consent of department.

Biological Sciences - Graduate

BIOL 5240D - Advanced Topics in Molecular Biology

3.0 3 hours. The concepts and techniques of molecular biology are the foundation for the studies of all aspects of modern biology. A basic understanding of molecular biology is essential for teaching current college level biology courses as well as preparation for the advanced study of a wide range of biological sciences. In this course, students will be exposed to the theoretical concepts and experimental techniques of molecular biology. Topics include genetic analysis of gene structure, regulation of gene expression and principles of molecular biology techniques (gene cloning, plasmid purification, restriction enzyme analysis, and DNA sequencing). Prerequisite(s) : A minimum of 21 credits of approved biology course work.

BIOL 5315D - Teaching Secondary Biology for Dual Credit

3.0 3 hours. This course focuses on pedagogy and practice of secondary biology teaching, including course planning and course syllabus, the preparation and mechanics of lectures, assessments and laboratories, the understanding and incorporation of current biological research and literature and a review of the undergraduate biology curriculum. Prerequisite(s) : Admission to M.Ed. program or consent of instructor.

Business Computer Information Systems - Undergraduate

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)

A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

BCIS 2900D - Special Problems

1.0-3.0 1-3 hours.

BCIS 3610D - Basic Information Systems

3 hours Theory, capabilities, applications, benefits, liabilities and economics of business computer information systems. Using the computer to solve business problems. Management information systems and computer-based decision support emphasized. Use of standard support application packages. Prerequisite(s): BCIS 2610D.

BCIS 3615D - Visual Display of Business Information

3 hours Explores the use of visual display techniques and tools in the creation of electronic business documents and presentations. Stresses development of good written and oral presentation skills, as well as familiarity with a wide range of multimedia tools. Prerequisite(s): BCIS 2610D or equivalent.

BCIS 3620D - File Concepts and Procedures

3 hours An introduction to COBOL programming in the business environment. Emphasis on the fundamentals of structured program design, development, testing, implementation and documentation of common business-oriented applications using COBOL. Coverage of language syntax, data and file structures editing, report generation, data validation, basic file processing and an introduction to batch and interactive JCL. Prerequisite(s): BCIS 2610D or equivalent; 3 hours of C programming (with a grade of C or better); a grade of C or better in each previously taken BCIS course, or consent of department; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT).

BCIS 3630D - Object-Oriented Programming for Business

3 3 hours. Introduction of abstract data types, inheritance, object identity, polymorphism as they relate to building business objects and business classes; use of Java programming language depicting the object orientation concepts; use of class libraries and Java packages for business object construction. Prerequisite(s): BCIS 2610D or equivalent, 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course, or consent of department.

BCIS 4610D - Analysis of Business Information Systems

3 3 hours. An integrated perspective of the problems in today's information systems environment, concentration on contemporary design methodologies and considerations unique to users of computers and information systems. Topics include current systems analysis, modular design, development and implementation, documentation, project planning and task definition, and other systems analysis topics. Prerequisite(s): BCIS 3610D ; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course, or consent of department.

BCIS 4620D - Introduction to Database Applications

1.0-3.0 3 hours. Analysis of file organization techniques and data structures. Consideration of the management of data as a resource. Design of data models and databases in business organizations. Use of database management systems

and user-oriented data languages. Prerequisite(s): BCIS 3610D and 3630D ; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course, or consent of department.

BCIS 4630D - Fundamentals of Information Technology Security

3 3 hours. Introduces students to the Security Systems Development Life Cycle and its effects on application development, software engineering, traditional systems analysis, and networking. Examines the various components of information privacy and security. Prerequisite(s): BCIS 3630D ; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course, or consent of department.

BCIS 4650D - Visual Programming for Business Applications

3 3 hours. Business application design and development from the perspective of visual programming technologies. Emphasis on performance characteristics and user interface design considerations. Prerequisite(s): BCIS 3630D ; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS and MSCI course, or consent of department.

BCIS 4660D - Decision Systems Design

3 hours Investigates model-based approaches to the design of decision systems for business and industry. Prerequisite(s): BCIS 3610D; ACCT 2020D and ACCT 2030 with grades of C or better; CSCI 1110 or equivalent; MSCI 3710 or MSCI 3870; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS and MSCI course, or consent of department.

BCIS 4670D - Continuing Seminar in Computer-Based Information Systems

3 3 hours. A seminar on current topics in business computer information systems. Examines state-of-the-art issues associated with the design, development, implementation, control and management of business computer information systems. Prerequisite(s): BCIS 3630D ; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course, or consent of department.

BCIS 4680D - Business Data Communications & Networking

3 3 hours. Development of an understanding of how current network technologies operate and their relationships with business enterprise, provides background for analysis, design, selection and evaluation of hardware, software and support required for a data communications and networking environment. Prerequisite(s): BCIS 3630D ; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course, or consent of department.

BCIS 4690D - Information Technology Management

3 3 hours. Overview of the management of an organization's information assets. Emphasizes techniques and issues specific to information systems department management; the development, implementation and operation of computer-based information systems; as well as personnel, career management, assessment, legal, ethical, global and societal issues. Prerequisite(s): BCIS 4610D ; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course, or consent of department; completion of all business foundation courses with a grade of C or better and senior standing. BCIS degree majors must take this course within 12 hours of graduation.

BCIS 4900D - Special Problems

1-3 hours Prerequisite(s): BCIS 2610D or equivalent; ACCT 2020D and ACCT 2030 with a grade of C or better; ECON 1100D and ECON 1110D; MATH 1190D; MATH 1190D or equivalent; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course or consent of department.

Business Computer Information Systems - Graduate

BCIS 5090D - Introduction to Business Computer Information Systems

1.5 hours Examines the interaction between information systems and the organizational context. Specific topics to be covered include the strategic role of information systems (IS), interorganizational systems, the Internet and WWW, electronic commerce, reengineering, the human impacts of IS, the management of change, IS development and implementation, and emerging types of information technology. Course work includes lectures, readings, case analyses and discussion, electronic meeting technology, hands-on computer assignments and a team field project.

BCIS 5690D - Topics in Information Technology

3 hours Current issues dealing with the development and use of information technologies in business. Prerequisite(s): BCIS 5120 or consent of department. May be repeated for credit.

Business Law - Undergraduate

BLAW 2900D - Special Problems

1.0-3.0 1-3 hours.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

BLAW 4450D - Corporation Law

3 hours A course developing the law concerning the powers, duties and responsibilities of corporate managers to their organizations, to investors, to creditors, to the state, and to the general public under state corporation codes and state and federal securities legislation.

BLAW 4480D - International Business Law

3 hours Examination of selected aspects of the international legal environment affecting transnational commerce. Consideration of relevant U.S. constitutional, treaty and statutory provisions; international conventions and agreements; sovereign immunity and act of state doctrines, nationalization and expropriation. Prerequisite(s): BLAW 3430D or equivalent, or consent of instructor.

BLAW 4600D - Current Topics in Business Law

3 4600. Current Topics in Business Law. 3 hours. Designed to provide information on the legal environment of specified functional areas as required by developing trends and/or changes in the law. May be repeated for credit as topics vary.

BLAW 4790D - Property Management Law

3 hours 4790. Property Management Law. 3 hours. A study of the local, state, and federal laws, rules, regulations, and cases that impact the professional management of real property. Particular emphasis is given to the legal and ethical issues relative to residential property management. The landlord/tenant relationship is analyzed as well as issues concerning employees, tort liability, risk management, various types of government regulation, fair housing, and eviction. Texas Apartment Association lease contracts and other forms are reviewed. Prerequisite(s): BLAW 3430 or consent of instructor.

BLAW 4900D - Special Problems

1-3 hours

Business Law - Graduate

BLAW 5050D - Legal, Regulatory and Ethical Environment of Business

1.5 hours Introduction to the legal environment of business, with particular emphasis on managerial decision-making. Includes a study of the litigation process and constitutional law; selected areas of private and public law, including government regulation; international dimensions of the legal environment of business, business ethics and the social responsibility of business organizations. Business context is emphasized with a focus on individual and managerial decision-making in response to legal and ethical issues.

BLAW 5400D - Law for Accountants and Managers

3 3 hours. A study of and practice in the technique of analyzing law problems and cases affecting accountants and managers. Topics include legal responsibility, business organizations, contracts, debtor-creditor relations, government regulation, uniform commercial code and property rights.

Business, Interdepartmental - Undergraduate

BUSI 1340D - The Free Enterprise System in a Global Environment

3 hours Study of the free enterprise system in a global social, economic, and political environment. Overview of influence of global competition on the disciplines of business administration with particular emphasis on such markets as the Pacific Rim, Latin America, Europe, and the OPEC nations. Open to all university students regardless of major. Cannot be used to meet business foundation, business professional field, or business supporting field requirements. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

BUSI 2900D - Special Problems

1.0-3.0 1-3 hours.

BUSI 4660D - International Business Operations

3 3 hours. Foreign operations of American firms and impact of foreign competition on the domestic market; organization for foreign production, marketing and finance; foreign markets, resources, institutions and managerial problems arising out of governmental relations. Prerequisite(s): MKTG 3650D , FINA 3770D and senior standing.

BUSI 4700D - Topics in International Business Practices and Policies

3 3 hours. Topics include analysis of issues in accounting, marketing, management, finance, the legal environment, or information systems between international companies and U.S. companies. Students are introduced to the business practices and the role culture plays in transacting business internationally. This course is taught internationally, focusing on a specific country or region. May be repeated for credit as topics vary, for up to 9 hours of credit.

Prerequisite(s): ACCT 2010D and 2020D ; MGMT 3330D , MKTG 3010D , or BCIS 3615D .

BUSI 4900D - Special Problems

1-3 hours

BUSI 4940D - Business Policy

3 hours Enterprise management integrating the functional areas of business administration into a realistic approach to business problems; applying principles to complex problems at the executive level. Prerequisite(s): completion of all other business foundation courses with a grade of C or better and senior standing. To be taken during the last semester of course work.

Business, Interdepartmental - Graduate

BUSI 5190D - Administrative Strategy

3 hours Capstone course providing the integration of functional areas of business administration. Requires students to determine policy at the general- or top-management level. Students address strategic organizational problems and the optimization of the total enterprise. Course includes the use of lectures, case analysis and special topics. This course must be taken in the student's last semester of course work.

Chemistry - Undergraduate

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

CHEM 1410D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1311

(3;0;1*) Fundamental concepts, states of matter, periodic table, structure and bonding, stoichiometry, oxidation and reduction, solutions, and compounds of representative elements. Prerequisite(s): MATH 1100D or equivalent. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1420D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1312

(3;0;1*) Thermodynamics, reaction rates, equilibrium, electrochemistry, organic chemistry, polymers, radioactivity and nuclear reactions. Prerequisite(s): CHEM 1410D or CHEM 1413 or consent of department. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1430D - Laboratory Sequence for General Chemistry

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

CHEM 1440D - Laboratory Sequence for General Chemistry.

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

CHEM 2370D - Organic Chemistry

3 hours **TCCNS Number:** (2323)

2370(2323). Organic Chemistry. 3 hours. (3;0;1*). Structure, nomenclature, occurrence and uses of main classes of organic compounds; functional groups and their interconversion; character of chemical bonding; stereochemistry; structure and reactivity; acid/base reactions, resonance, inductive and steric effects; reaction mechanisms. Prerequisite(s): CHEM 1420, 1422 or 1423; 3210 (may be taken concurrently). *This hour is a problem-solving session.

CHEM 2380D - Organic Chemistry

3 hours **TCCNS Number:** (2325)

2380(2325). Organic Chemistry. 3 hours 3;0;1*. Nucleophilic and electrophilic reaction mechanisms; molecular rearrangements; radical reactions; organic synthesis; absorption spectra of organic compounds of biological interest. Prerequisite(s): CHEM 2370; 3220 (may be taken concurrently). *This hour is a problem-solving session.

CHEM 2900D - Introduction to Chemical Research

1.0-3.0 1-3 hours . Individualized laboratory instruction. Students may begin training on laboratory research techniques. Prerequisite(s): CHEM 1430D (may be taken concurrently) and consent of instructor. For elective credit only; may not be substituted for required chemistry courses.

CHEM 3210D - Organic Chemistry Laboratory

1 hour 3210. Organic Chemistry Laboratory. 1 hour . (1;3) . Separations and Synthesis. Organic preparations; techniques of recrystallization, distillation, solvent extraction, separation of mixtures, chromatography and

spectroscopic methods. Prerequisite(s): CHEM 1440; 2370 (may be taken concurrently). Should be taken concurrently with CHEM 2370 and 2380.

CHEM 3220D - Organic Chemistry Laboratory

1 hour 3220. Organic Chemistry Laboratory. 1 hour . (1;3). Synthesis and Analysis. Organic syntheses and systematic identification of unknown organic compounds utilizing classical "wet" and spectroscopic analytical methods.

Prerequisite(s): CHEM 2380 (should be taken concurrently) and 3210. Should be taken concurrently with CHEM 2370 and 2380.

CHEM 3451D - Quantitative Analysis

3 hours 3451. Quantitative Analysis. 3 hours. Statistical treatment of data; theory and principles of sampling and transfer techniques, gravimetric, and volumetric methods; introductory instrumental analysis. Prerequisite(s): CHEM 1440; concurrent enrollment in CHEM 3452.

CHEM 3452D - Quantitative Analysis Laboratory

1 hour 3452. Quantitative Analysis Laboratory. 1 hour. (0;4) Statistical treatment of data; sampling and transfer techniques; selected gravimetric and volumetric methods; introductory instrumental analysis. Prerequisite(s): CHEM 1440; concurrent enrollment in CHEM 3451

CHEM 3530D - Physical Chemistry for Life Science

4 hours 3530. Physical Chemistry for Life Science. 4 hours. Fundamental principles of physical chemistry applied to biological systems; thermodynamics, equilibrium and bioenergetics, ionic equilibria, pH, buffers, ionic strength, and electrical properties of amino acids and proteins; kinetics, enzyme catalysis and inhibition; physical properties of biological macromolecules and transport properties in living systems. Prerequisite(s): CHEM 1420 or 1423. For chemistry (BA) and life science majors, and preprofessional students.

CHEM 4351D - Forensic Chemistry

3 hours 4351. Forensic Chemistry. 3 hours (2;6). Analytical chemistry applied to forensic science. Statistics and error analysis of drugs and physical evidence. Identification and analysis of forensic evidence through absorption and transmission spectroscopy, chromatography (TLC, HPLC, GC), electrophoresis, Mass spectrometry and atomic emission and analysis. Prerequisite(s) : CHEM 2380, 3451, and 3452.

CHEM 4631D - Instrumental Analysis

3 hours 4631. Instrumental Analysis. 3 hours. Principles and theory of chemical analysis utilizing absorption spectroscopy in ultraviolet, visible and infrared regions, nuclear and electron spin resonance, mass spectrometry, chromatography, polarography and other advanced instrumental techniques. Prerequisite(s): CHEM 3451, 3461

CHEM 4632D - Instrumental Analysis Laboratory

1 hour 4632. Instrumental Analysis Laboratory. 1 hour. (0;4) Identification and analysis of compounds through absorption spectroscopy in ultraviolet, visible and infrared regions, nuclear and electron spin resonance, mass spectrometry, chromatography, polarography and other advanced instrumental techniques. Prerequisite(s): concurrent enrollment in CHEM 4631.

CHEM 4660D - Introduction to Computational Chemistry

3 hours 4660. Introduction to Computational Chemistry. 3 hours. (2;3) Introduction to the use of modern computational methodologies for the study of physical properties and chemical reactions of importance in chemistry, biochemistry, molecular biology and environmental sciences. Prerequisite(s): CHEM 3520 (may be taken concurrently) or consent of department.

CHEM 4670D - Introduction to Medicinal Chemistry

3 hours 4670. Introduction to Medicinal Chemistry. 3 hours. Fundamentals of medicinal chemistry; general aspects of drug action and rational drug design; drug development; antibacterial agents, analgesics, antidepressants and anticancer agents. Prerequisite(s): CHEM 2380 (or CHEM 3601 by departmental approval).

CHEM 4700D - Research Methods for Secondary Science Inst.

3 4700. Procedures and Materials for Science Instruction. 3 hours. (2;4) Techniques used to solve and address scientific inquiry. Design of experiments. Use of statistics to interpret experimental results and measure sampling errors. Ethical treatment of human subjects. Laboratory safety. Mathematical modeling of scientific phenomena. Oral and written presentation of scientific work. Prerequisite(s): 16 hours of chemistry, completion of freshman and sophomore science courses required for certification, and consent of department. EDSE 3500 and EDSE 4000 are highly recommended. Students seeking secondary certification in mathematics or computer science who have completed the other science requirements of their majors also may enroll. Does not count as an elective toward a major or minor in biology except for students seeking teacher certification. (Same as BIOL 4700 and PHYS 4700.)

Communication Studies - Undergraduate

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

COMM 1600D - Introduction to Sport and Entertainment Marketing

3.0 3 hours. This course orients students to the field of sport and entertainment marketing and promotion; provides an overview of the social and economic aspects of the industry.

COMM 2062D - Professional Presentations

1 1 hour. Focuses on presentational speaking in professional settings. Satisfies part of the communication component area for the university core curriculum.

COMM 2200D - Introduction to Interpersonal Communication

3.0 3 hours. This course is designed to help students better understand interpersonal communication situations and improve how they manage these interactions. The course examines major communication theories, issues, concepts,

and research findings relevant to initiating, developing, maintaining, and terminating relationships (including romantic relationships, family relationships, friendships, and co-worker relationships).

COMM 2210D - Introduction to Public Speaking

3 3 hours. This course provides instruction and experience in preparation and delivery of speeches in a public setting. Emphasis is on research, preparation, delivery, audience analysis, and evaluation of informative, persuasive, extemporaneous, and special occasion public speaking.

COMM 2220D - Sport and Entertainment Communication and Public Relations

3 3 hours. This course emphasizes the role of public relations, mass communication, and interpersonal and group communication in the promotion of sport and entertainment. Students delve into theory and practice in learning how market share and viewer ratings relate to the use of media content in sport and entertainment marketing.

COMM 2230D - Introduction to Digital Photography

3 3 hours (1;2). Introduction to the basics of digital photography. Beginning use of Adobe Photoshop for editing. Emphasis on developing an understanding of photography as a form of visual communication.

COMM 2900D - SPECIAL PROBLEMS

1.0-3.0 1-3 hours.

COMM 3050D - Communication in a Multicultural World

3 3 hours. The course explores the ways culture affects and is affected by communication. Topics to be addressed range from globalization and cultural diversity at work, to international peace and conflict resolution, to the role of popular media in representing cultures and shaping identities.

COMM 3060D - Event and Production Management

3 3 hours. This course is designed to give students experience in planning and executing sporting events, entertainment events, corporate events, trade shows, or exhibitions with emphasis on pre-planning, budget preparation, advertising, and public relations. The course also explores the design, planning, and development of integrated marketing campaigns.

COMM 3070D - Facility Management

3 3 hours. This course provides an overview of the three major components of facility management, including event management, risk management, and facility management. This course also surveys the working components of new facility design and planning.

COMM 3080D - Persuasion and Social Influence

3 3 hours. The course serves as an introduction to the theory and practice of human influence in its various contexts from interpersonal, popular culture, to political speech, and advertising. The students will analyze persuasive messages to understand how they work in changing attitudes, beliefs, and behaviors.

COMM 4810D - Communication Research and Praxis

3 hours (2;0;1). Skills and concepts necessary to conduct communication research, to convey research results in writing and through oral presentation, and to critically evaluate communication practices through community engagement. Prerequisite(s) : COMM 3010 and 4020 or 4040 or 4060 and senior standing. Required for all communication studies majors.

Computer Science and Engineering - Undergraduate

CSCE 1010D - Introduction to Computer Science

3 hours (2;0;1) A basic course covering logical operation and organization of digital computers, computer hardware and software, number systems, and application software packages. May not be counted toward computer science major or minor.

CSCE 1020D - Program Development

4 hours **TCCNS Number:** (COSC 1415)
(3;1) Introduction to problem-solving, algorithms and programming in a high-level language. May not be counted toward a computer science major or minor. Prerequisite(s): high school algebra or equivalent.

CSCE 1030D - Computer Science I

4 hours (3;1). Introduction to Computer Science and Engineering, problem-solving techniques, algorithmic processes, software design and development. Prerequisite(s): Co-requisite of MATH 1650D.

CSCE 1031D - Computer Science I

4 4 hours (3;1). Introduction to computer science and engineering, problem-solving techniques, algorithmic processes, software design and development. Prerequisite(s) : Must have taken or be concurrently enrolled in MATH 1650D, 1710D, or 1720D in order to take this course. Restricted to CSCE majors and minors or pre-engineering major.

CSCE 1035D - Information Systems I

3 hours Introduction to the design of medium to large scale enterprise information systems and distributed systems using appropriate framework. Introduces tools and techniques for building such systems and incorporates project-based learning as students work in teams to apply their knowledge in a semester-long development activity. Prerequisite(s) : CSCE 1030D. Corequisite : MATH 1650D.

CSCE 1040D - Computer Science II

3 hours **TCCNS Number:** (COSC 2415)
Continuation of CSCE 1030D. Software design, structured programming, object oriented design and programming. Prerequisite(s): CSCE 1030D. Corequisite : MATH 1650D

CSCE 1045D - Information Systems II

3 hours Continues the concepts introduced in Information Systems I with introduction of active content, data-driven content and service-oriented architectures. Students will again be organized in teams in order to complete a large scale development activity using the knowledge and tools presented in the course. Prerequisite(s) : CSCE 1035D

CSCE 2050D - Computer Science III

3 hours Elementary data structures, practice in software design, implementation and testing with emphasis on creating and modifying larger programs. Prerequisite(s): CSCE 1040D.

CSCE 2100D - Computing Foundations I

3 hours 2100. Computing Foundations I. 3 hours. Introduces students to both data structures and formalisms used in computer science, such as asymptotic behavior of algorithms. Learn about data structures and the formalisms used to both describe and evaluate those data structures simultaneously. By the end of the two-semester sequence of which this course is the first part, each student will have a solid foundation in conceptual and formal models, efficiency, and levels of abstraction as used in the field of computer science. Prerequisite(s) : CSCE 1040.

CSCE 2110D - Computing Foundations II

3 hours 2110. Computing Foundations II. 3 hours. Continuation of Computing I. Further introduces students to both data structures and formalisms used in computer science, such as asymptotic behavior of algorithms. Learn about data structures and formalisms used to both describe and evaluate those data structures simultaneously. By the end of the two-semester sequence of which this course is the second part, each student will have a solid foundation in conceptual and formal models, efficiency, and levels of abstraction as used in the field of computer science. Prerequisite(s) : CSCE 2100.

CSCE 2410D - Programming Laboratory

1-4 hours Practice with computer languages and processing techniques. Prerequisite(s): CSCE 1040D or BCIS 3620D or BCIS 3690.

CSCE 2610D - Assembly Language and Computer Organization

3 hours Principles of computer systems organization, instruction sets, computer arithmetic, data and control paths, memory hierarchies, and assembly language. Prerequisite(s): CSCE 2050D - Computer Science III or CSCE 2100D - Computing Foundations I,

CSCE 2615D - Enterprise Systems Architecture, Analysis and Design

3 hours Overview of software architectures of information systems starting with requirements and proceeding through the analysis and design aspects of the software development lifecycle. Introduction to a variety of implementation methodologies as well as alternate architectural paradigms. Laboratory and project activities will expose students to the design and specification of IT Systems to meet a variety of business and technical problem environments. Prerequisite(s) : CSCE 1040D, CSCE 1045D.

CSCE 2900D - Special Problems in Computer Science and Engineering

1-4 hours Individualized instruction in theoretical or experimental problems. For elective credit only.

CSCE 3010D - Signals and Systems

3 hours This course introduces elementary concepts of continuous-time and discrete-time signals and systems. Specific topics include linear time-invariant (LTI) systems, impulse response, convolution, Fourier series, Fourier transforms, frequency-domain analysis of LTI systems, Laplace transforms, z-transforms, and rational function descriptions of LTI systems. Prerequisite(s): EENG 2610 and (MATH 2730D or MATH 3310).

CSCE 3020D - Communications Systems

3 hours Introduction to the concepts of transmission of information via communication channels. Amplitude and angle modulation for the transmission of continuous-time signals. Analog-to-digital conversion and pulse code modulation. Transmission of digital data. Introduction to random signals and noise and their effects on communication. Optimum detection systems in the presence of noise. Prerequisite(s): CSCE 3010D, EENG 3510 and (MATH 1780D or MATH 3680D).

CSCE 3030D - Parallel Programming

3 hours Introduction to processing in parallel and distributed computing environment. General concepts of parallel machine models, processes, threads, mutual exclusion, synchronization, message passing. Design and analysis of parallel algorithms for engineering and scientific applications. Parallel programming using message passing and shared memory paradigms. Prerequisite(s): CSCE 2100D - Computing Foundations I or CSCE 2050D - Computer Science III.

CSCE 3055D - IT Project Management

3 hours Provides students with the tools and techniques needed to manage a wide variety of IT Systems projects, including software design and development, IT Systems design and installation, network management and support and others. Students will develop and practice skills through the use of case studies and other project-based exercises. Prerequisite(s): CSCE 2050D - Computer Science III or CSCE 2100D - Computing Foundations I

CSCE 3110D - Data Structures and Algorithms

3 hours Computer storage structures; storage allocation and management; data sorting and searching techniques; data structures in programming languages. Prerequisite(s): CSCE 2050D - Computer Science III or CSCE 2110D - Computing Foundations II and MATH 2770D - Discrete Mathematical Structures.

CSCE 3210D - Symbolic Processing

3 hours Introduction to symbolic processing using LISP, Prolog or related languages; recursion; building abstractions with data; modularity, objects and state; meta-linguistic abstraction. Prerequisite(s): CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms.

CSCE 3220D - Human Computer Interfaces

3 3220. Human Computer Interfaces. 3 hours. Human-Computer Interaction (HCI). Methods for designing, prototyping, and evaluating user interfaces for computing applications. Human capabilities, interface technology, interface design methods, and interface evaluation tools and techniques. Prerequisite(s) : CSCE 2110.

CSCE 3300D - File Organization and Processing

3 hours File design and implementation; operating systems, survey of peripheral device characteristics, sorting, information storage and retrieval, list processing and direct access techniques, job control language, and security and privacy. Prerequisite(s): CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms.

CSCE 3410D - Advanced Programming

3 hours Advanced features and topics in modern programming languages and introduction to a variety of languages, and advanced programming concepts and methodologies. Topics will vary by section and semester. Prerequisite(s) : CSCE 2050D - Computer Science III or CSCE 2100D - Computing Foundations I.

CSCE 3420D - Internet Programming

3 3420. Internet Programming. 3 hours. This course covers Internet programming in depth, including client-server, peer-to-peer, and web applications. The primary goal of the course is to help students understand the principles of how distributed applications are built, while also giving them practical experience in creating common Internet applications. Prerequisite(s) : CSCE 2110.

CSCE 3510D - Introduction to Wireless Communications

3 hours Fundamentals of wireless communications and networking, with emphasis on first, second, and third generation cellular systems and satellite communication. Topics include point-to-point signal transmission through a wireless channel, cellular capacity, multi-user transmissions, and mobility management. Prerequisite(s): CSCE 2610D or CSCE 2615D.

CSCE 3520D - Data Communications

3 hours Overview of data communication, communication models and networking. Analog and digital data transmission, transmission impairments, channel capacity, asynchronous and synchronous transmission, error detection and correction, flow control and error control. Multiplexing and de-multiplexing techniques (FDM, STDM, ADSL, and xDSL). Ethernet interfaces, IEEE 802.3 and IEEE 802.11 MAC layer. Interface Standards (RS-232, RS-449 and X.21). Packet switching, Frame Relay, and ATM switching, bridges, layer2 and layer3 switches. Prerequisite(s) CSCE 3600D.

CSCE 3530D - Introduction to Computer Networks

3 hours

Introduction to data communications; asynchronous, synchronous, networks and current technology.

Prerequisite(s): CSCE 2610D - Assembly Language and Computer Organization or CSCE 3600D - Principles of Systems Programming

CSCE 3535D - Introduction to Network and Security Management

3 hours Introduces students to basic concepts in synchronous and asynchronous data communications, network architectures, protocols and current technology. Addresses basic network and information security issues and protection schemes with laboratory exercises designed to expose students to a variety of network architectures, security threats and risk mitigation strategies. Prerequisite(s) : CSCE 2610D or CSCE 2615D.

CSCE 3600D - Principles of Systems Programming

3 hours Introduction to the design and operation of systems software. Analysis is made of current system software technology, including operating systems, language translation systems and file systems. Prerequisite(s): CSCE 2100D - Computing Foundations I or CSCE 2050D - Computer Science III and CSCE 2610D - Assembly Language and Computer Organization.

CSCE 3605D - IT Systems and Administration

3 hours Prepares students with an understanding of operating systems structure and operation including the concepts of processes, resource and file management and performance. Students will also develop an understanding of operating system design, systems software and maintenance, as well as gain proficiency in the development of useful scripts, device drivers and utility programs written in high level languages and native scripting environments. Prerequisite(s) : CSCE 2610D or CSCE 2615D.

CSCE 3612D - Embedded Systems Design

3 hours Computer Systems as embedded computing elements and micro-controllers. System specifications using UML or other high level abstract models. Issues and constraints on embedded computing systems, including power, performance, memory and size. Use of DSP, ASIC and micro-controllers in a single design. Prerequisite(s) : CSCE 2610D, EENG 2710.

CSCE 3650D - Introduction to Compilation Techniques

3 hours Topics include parsing, syntax-directed translation, run-time storage management, error recovery, code generations and optimization. A significant project is required. Prerequisite(s): CSCE 3600D.

CSCE 3730D - Reconfigurable Logic

3 hours Advanced concepts in Boolean algebra, use of hardware description languages as a practical means to implement hybrid sequential and combinational designs, digital logic simulation, rapid prototyping techniques, and design for testability concepts. Focuses on the actual design and implementation of sizeable digital design problems using representative Computer Aided Design (CAD) tools. Prerequisite(s): CSCE 2610D.

CSCE 4010D - Engineering Ethics

2 hours The effect of technology in modern society with emphasis on the role of engineering and technical professionals. Prerequisite(s): junior standing.

CSCE 4110D - Algorithms

3 hours Algorithm design methodologies, sorting, graph algorithms, dynamic programming, backtracking, string searching and pattern matching. Prerequisite(s): CSCE 3110D.

CSCE 4210D - Game Programming I

3 hours Introduction to game programming, including real-time, event-driven, and multimedia programming techniques. Graphics, sound, and input programming. Students will learn how to program a billboard game in 3D with constrained camera motion. Prerequisite(s) : CSCE 2050D - Computer Science III or CSCE 2100D - Computing Foundations I

CSCE 4215D - Programming Math and Physics for Games

3 4215. Programming Math and Physics for Games. 3 hours. Fundamentals of game math and physics for game development, including linear algebra, matrix math for graphics, quaternions, basic physics equations, game math and physics implementation, physics engines. Prerequisite(s) : MATH 2700, CSCE 2100, PHYS 1710/1730.

CSCE 4220D - Game Programming II

3 hours Game engine programming techniques, including real-time 3D graphics programming, shader techniques, terrain rendering, level of detail, collision detection, particle engines, 3D sound, and character animation.

Prerequisite(s) : CSCE 4210D, CSCE 4215.

CSCE 4230D - Introduction to Computer Graphics

3 hours Concepts and principles, survey of present display and input technology, systems and applications. Study of basic concepts, and mathematical and geometric principles. Design and use of graphics software packages. Design and implementation of an application using available hardware and software. Prerequisite(s): CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms and MATH 2700D - Linear Algebra and Vector Geometry.

CSCE 4250D - Topics in Game Development

3 4250. Topics in Game Development. 3 hours. Advanced topics in game development, possibly including but not limited to character animation, procedural content generation, shader techniques, and graphics special effects. Discussion of articles from the recent academic and technical literature on game development and related material from relevant computer science areas. Prerequisite(s) : CSCE 4220

CSCE 4310D - Introduction to Artificial Intelligence

3 hours Introduction to concepts and ideas in artificial intelligence. Topics include search techniques, knowledge representation, control strategies and advanced problem-solving architecture. Prerequisite(s): CSCE 3210D.

CSCE 4350D - Introduction to Database Systems Design

3 hours Logical and physical database system organization; logical models; design issues; secondary storage considerations. Prerequisite(s): CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms .

CSCE 4355D - Database Design and Information Integration

3 hours Introduces students to use of database systems and other information storage and techniques in the design and development of information-driven systems. Students will gain experience in the design, development and use of databases, information storage, search and retrieval systems and the associated tools. Students will also integrate information and database components with additional software components to create data-driven applications. Prerequisite(s) : CSCE 2050D - Computer Science III or CSCE 2100D - Computing Foundations I

CSCE 4410D - Software Development I

3 hours The software development process, requirements analysis, software design concepts and methodologies, structured programming, debugging and testing. Prerequisite(s): CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms.

CSCE 4420D - Software Development II

3 hours Software testing methodologies, software reliability, maintenance, project management and configuration management. Prerequisite(s): CSCE 4410D.

CSCE 4430D - Programming Languages

3 hours Formal definition of programming languages including specification of syntax and semantics. Comparison of several existing high-level languages. Prerequisite(s): CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms

CSCE 4440D - Real-Time Software Development.

3 hours Specification of real-time system requirements, timing, synchronization and fault-tolerance issues, construction and validation of real-time software. Mathematical formalisms, design and analyses using real-time UML will also be emphasized. Prerequisite(s): CSCE 3612D and CSCE 4620D.

CSCE 4444D - Software Engineering

3 hours 4444. Software Engineering. 3 hours. Modular design and implementation of software systems. Topics include requirements and specifications development, documentation of the design using current design tools such as UML, testing of software implementation, and system and user documentation. Prerequisite(s) : CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms.

CSCE 4520D - Wireless Networks and Protocols

3 hours Architecture and elements of a wireless network. Use and process of mobility management. Signaling schemes used in wireless networks, network signaling, protocols and standards (GSM, IS-95, WAP, MobileIP, GPRS, UMTS and CDMA2000). Analyze the operation and performance of wireless protocols. Prerequisite(s): CSCE 3600D.

CSCE 4530D - Computer Network Design

3 hours Fundamental concepts, requirements and design tradeoffs, particularly as related to scheduling, congestion control, routing, and traffic management. Wireless access, mobility (including WLAN), VoIP and applications. Firewalls, NAT's VPN, high availability and optical rings. Prerequisite(s): CSCE 3530D.

CSCE 4540D - TCP/IP Protocols

3 hours Investigate TCP/IP protocol suite, components, and interaction with operating system. Topics include special protocols, routing protocols, mobileIP, as well as some applications: FTP, TELNET, SMTP, DHCP, HTTP, DNS, etc. Prerequisite(s): CSCE 3530D.

CSCE 4550D - Introduction to Computer Security

3 hours Security goals, threats, and vulnerabilities. Cryptography, program security, and operating system security issues. Basic network security. Planning, policies, and risk analysis. Prerequisite(s): CSCE 2610D - Assembly Language and Computer Organization or CSCE 3600D - Principles of Systems Programming.

CSCE 4560D - Secure Electronic Commerce

3 hours Electronic commerce technology, models, and issues, with emphasis on security issues. Supporting technology such as cryptography, digital signatures, certificates, and public key infrastructure (PKI). Security-conscious programming for web-based applications. Exposure to interaction between technical issues and business, legal, and ethical issues. Prerequisite(s): CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms

CSCE 4600D - Introduction to Operating Systems

3 hours Concepts in operating system analysis and design. General topics of process, resource and file management are presented and analyzed in the context of different system architectures and performance constraints. Prerequisite(s): CSCE 3600D.

CSCE 4610D - Computer Systems Architecture

3 hours Study of performance issues related the design of high performance processors, including Instruction Level Parallelism, out of order instruction scheduling, branch prediction, speculative execution. Prerequisite(s): CSCE 3600D.

CSCE 4620D - Real-Time Operating Systems

3 hours Basic real-time operating systems concepts and services, including interrupt processing, process and thread models, real-time software architectures and development environments. Detailed study of the design and implementation of real-time applications using real-time operating systems. The focus will be on commercial real-time operating systems/development environments, including vxWorks, RTOS, MicroC/OS-II and pOSEK/pOSEK System. Prerequisite(s): CSCE 3600D and CSCE 3612D.

CSCE 4730D - VLSI Design

3 hours Introduction to VLSI design using CAD tools, CMOS logic, switch level modeling, circuit characterization, logic design in CMOS, systems design methods, test subsystem design, design examples, student design project. Design project to be fabricated and tested in the follow-on course. Prerequisite(s): EENG 2710 and EENG 3510. (Same as EENG 4710.)

CSCE 4750D - VLSI Testing

3 hours Advanced experience with CAD tools for VLSI design, IC testing. Design Project from CSCE 4730D to be fabricated and tested. Implementation and verification of test programs, IC testing and troubleshooting, legal, economic, and ethical design issues. Oral presentations and written reports are required. Prerequisite(s): CSCE 4730D.

CSCE 4890D - Directed Study

1-3 hours Study by individuals or small groups if faculty supervisor agrees. A plan of study approved by the faculty supervisor along with the study will be graded by the faculty supervisor; must be approved by the chair of the department. Prerequisite(s): junior or senior standing in computer science or computer engineering. May be repeated for credit.

CSCE 4905D - Capstone I

3 hours First of a two course sequence in which students will develop a complex IT System starting from customer requirements and progressing through the entire analysis, design, implementation, testing and delivery lifecycle. Students will work in teams to develop a project plan, complete the technical components of the project, prepare a variety of deliverable documents, and finally deliver the finished product to the customer. The first course will focus on the analysis and design of the system. Prerequisite(s) : CSCE 3055D

CSCE 4910D - Computer Engineering Design I

3 hours First course in the senior capstone design sequence. The focus of this class is the application of techniques to the design of electronic systems that have digital hardware and software components. Students will apply the theory acquired from numerous engineering courses to solve real-world design problems. The design will consider realistic constraints including economic, environmental, sustainability, manufacturability, ethical, social, safety. Prerequisite(s): CSCE 3612D and EENG 3510 and appropriate area electives.

CSCE 4915D - Computer Engineering Design II

3 hours Second course in the senior capstone design sequence. The focus of this class is the application of techniques to the design of electronic systems that have digital hardware and software components. Students will apply the theory acquired from numerous engineering courses to solve real-world design problems. The design will consider realistic constraints including economic, environmental, sustainability, manufacturability, ethical, social, safety. Prerequisite(s): CSCE 4910D.

CSCE 4920D - Cooperative Education in Computer Science and Engineering

1-3 hours Supervised field work in a job directly related to the student's major field of study or career objective. Maybe repeated for credit. Prerequisite(s): Junior or Senior level standing in Computer Engineering.

CSCE 4925D - Capstone II

3 hours Second of a two course sequence in which students will develop a complex IT System starting from customer requirements and progressing through the entire analysis, design, implementation, testing and delivery lifecycle. Students will work in teams to develop a project plan, complete the technical components of the project, prepare a variety of deliverable documents, and finally deliver the finished product to the customer. The second course will focus on the implementation, testing and delivery of the system. Prerequisite(s) : CSCE 4905D

CSCE 4930D - Topics in Computer Science and Engineering

3 hours Topics in Computer Science or Computer Engineering. May be repeated for credit. Prerequisite(s): Junior or senior standing in Computer Science or Computer Engineering and consent of instructor.

CSCE 4940D - Special Computer Application Problem

1-4 hours Study defined by the student in applying computer science to another field. Work supervised and work plan approved by one faculty member from computer sciences and one from relevant application area; one to three students may work together if all faculty advisers concerned agree. Prerequisite(s): prior approval of plan by faculty supervisor. Open to advanced undergraduate students capable of developing problems independently. May be repeated for credit.

CSCE 4950D - Special Problems in Computer Science and Engineering

1-3 hours Prior approval of plan of study by faculty supervisor. Prerequisite(s): Junior or Senior level standing in Computer Science and Computer Engineering.

Counseling - Undergraduate

COUN 2900D - Special Problems

1 1-3 hours.

COUN 3600D - Therapeutic Play

3 3 hours. Didactic and experiential training in how to be a therapeutic agent in children's lives by using structured therapeutic play sessions. Participants are taught basic child-centered play therapy principles and skills, including reflective listening, recognizing and responding to children's feelings, therapeutic limit setting, building children's self-esteem, and structuring therapeutic play sessions with children using a special kit of selected toys. Observations of play therapy sessions and skill building therapeutic play sessions are required.

Counseling - Graduate

COUN 5100D - Counseling Ethics and Professional Orientation

3.0

3 hours. Study of ethics, law, and professional issues including counseling history, philosophy, roles, self-care, supervision, professional organizations, credentialing, and trends for Professional School Counselors and Clinical Mental Health Counselors.

Prerequisite(s): None

COUN 5200D - Counseling Adolescents

3 hours Counseling adolescents requires unique knowledge and skill. This course will prepare counselors to work with young people ages 12-21. A focus on the nature and needs of adolescence along with effective strategies in counseling will be explored. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5290D - Ethical, Legal, and Professional Issues in Clinical Mental Health Counseling

3 3 hours. History and philosophy of counseling and clinical mental health counseling and ethical, legal, professional, and emerging issues specific to clinical mental health counseling. Prerequisite(s) : COUN 5680D and 5710D, or consent of department.

COUN 5300D - Systems, Leadership, and Program Development in Clinical Mental Health Counseling

3 hours Principles and practices of counseling mental health settings with special attention to counselor functions, services, leadership , program development, and program evaluation. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5400D - Planning and Organizing Comprehensive Career Programs

3 3 hours. A study of the purposes and functions of a comprehensive career development program; components of a comprehensive career program; techniques for providing comprehensive career programs to junior high, middle school, secondary and adult students.

COUN 5410D - History and Current Trends in Comprehensive Career Counseling Programs

3 3 hours. This course will provide an overview of the history of career counseling. Special attention will be focused upon current trends in the field of comprehensive career counseling. Prerequisite(s): COUN 5680D and 5710D.

COUN 5420D - Vocational Student Identification, Placement and Follow-up

3 3 hours. A focus on the process of identification and assessment of learner's interests and aptitudes; various instruments, methods and techniques used in assessment are examined. Particular emphasis is given to special needs learners, including at-risk youth and other targeting populations.

COUN 5461D - Professional School Counseling

3.0

3 hours. This course provides a comprehensive understanding of the PreK-12 professional school counselor role, the ASCA National Model, and the Texas Model Comprehensive Developmental Guidance Plan. In this course, students will learn how to develop and manage a comprehensive developmental guidance program. In addition, they will learn the ethical standards for school counseling as well as strategies for leadership, consultation, data based-decision making, and advocacy for students and the school counseling profession.

Prerequisites: COUN 5680 and 5710, or consent of department.

COUN 5470D - Career Development and Information Resources

3 hours Survey of career development and counseling with emphasis on the occupational, career and educational information service.

COUN 5480D - Biopsychosocial Assessment and Wellness in Counseling

3 hours Principles and models of biopsychosocial assessment, case conceptualization and concepts of normalcy leading to an appropriate framework for counseling treatment plans or referral within a managed care framework. DSM-IV diagnosis, disorder prevention and promotion of optimal mental health are studied.

COUN 5490D - Crisis Intervention Counseling

3 3 hours Principles and models of biopsychosocial assessment, case conceptualization and concepts of normalcy leading to an appropriate framework for counseling treatment plans or referral within a managed care framework. DSM-IV diagnosis, disorder prevention and promotion of optimal mental health are studied.

COUN 5500D - Human Sexuality in Counseling

3 3 hours. Counseling students develop in-depth understanding of human sexuality as well assessment and treatment of sexual issues.

COUN 5580D - Family Counseling

3 hours The application of family systems theory to the study of family dynamics, family development and the resolution of family conflicts. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5590D - Couple Counseling

3 hours The application of relationship counseling theory to the study of individual development, interpersonal relationships, marital systems and conflict resolution. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5600D - Counseling in Secondary Schools

3 hours Principles and practice of individual counseling, group counseling, guidance and consultation in the secondary school as part of the overall comprehensive developmental guidance program. Prerequisite(s): COUN 5460D .

COUN 5610D - Drug and Addiction Education for Counselors

3 hours Principles and practices of drug and addiction education and abuse prevention with special application to the functions of counselors. Prerequisite(s): COUN 5680D and COUN 5710D.

COUN 5640D - Group Play Therapy

3 hours Philosophy and rationale for groupwork with children and preadolescents. The focus will be the goals of group play/activity therapy, the role of the play therapist, screening and selection of group members, the use of expressive arts, play, activities at various developmental stages and planning and structuring of sessions. Prerequisite(s): COUN 5700D

COUN 5660D - Advanced Counseling Skills

3 hours A competency-based course with experiential emphasis. The student is required to demonstrate proficiency in counseling concepts and techniques before proceeding to COUN 5690D . Prerequisite(s): COUN 5680D and COUN 5710D and 12 additional hours in counseling, or consent of department.

COUN 5670D - Developmental Processes and Strategies

3 hours Principles and practices of human development as they relate to counseling processes and strategies. Opportunity for practical application of strategies is provided.

COUN 5680D - Basic Counseling Skills.

3 hours A study of selected basic techniques of counseling. Course should be taken concurrently with COUN 5710D.

COUN 5700D - Introduction to Play Therapy

3 hours Enhancing the counseling relationship with children by utilizing play media to facilitate expression, self-understanding, and personal growth and development. Observation of and supervised experience in play therapy with children are an integral part of the course. Prerequisite(s): EDHD 5230, COUN 5680D and COUN 5710D, or consent of instructor.

COUN 5710D - Counseling Theories

3 hours Required upon first resident registration in program for master's degree. The course focuses on professional orientation, selected theories of counseling as they apply to normal and abnormal behavior and self-awareness through individual and group counseling. Degree plans are developed. Course should be taken concurrently with COUN 5680D.

COUN 5720D - Internship in Counseling I

3 hours Supervised experience in counseling in schools, colleges or agencies. Prerequisite(s): COUN 5690D . Students who take Internship in Counseling I during the summer must enroll for both terms. The second-term enrollment will be in COUN 5900D.

COUN 5721D - Internship in Counseling II

3 hours Supervised experience in counseling in schools, colleges or agencies. Prerequisite(s): COUN 5720D. Students who take Internship in Counseling II during the summer must enroll for both terms. The second-term enrollment will be in COUN 5900D.

COUN 5730D - Appraisal in Adult Counseling

3 hours Study of appraisal concepts and various instruments, methods and techniques that may be used to assess the strengths, limitations and behavioral patterns of individual clients. Prerequisite(s): COUN 5680D and COUN 5710D and EPSY 5210D, or consent of department. EPSY 5210D may be taken concurrently.

COUN 5740D - Group Counseling Theories and Procedures

3 hours Group dynamics and major approaches to group counseling with emphasis on how to start a group counseling program, how to counsel effectively with groups and how to evaluate results. Development of skills of group membership, leadership and working with groups are stressed. Prerequisite(s): COUN 5660D, or consent of department.

COUN 5760D - Appraisal in Child and Adolescent Counseling

3 hours Study of appraisal concepts and various instruments, procedures, methods and techniques used to assess learning and behavioral patterns of children. Prerequisite(s): COUN 5680D and COUN 5710D and EPSY 5210D, or consent of department. EPSY 5210D may be taken concurrently.

COUN 5765D - Appraisal in Counseling

3.0

3 hours. Study of counseling appraisal concepts and various instruments, procedures, methods and techniques used to assess psychological, behavioral, and learning patterns adults, adolescents, and children. Prerequisite(s): COUN 5680D, 5710D, 5670D, and EPSY 5050D. EPSY 5050D may be taken concurrently.

COUN 5770D - Counseling in the Elementary School

3 hours Principles and practice of individual counseling, group counseling, guidance, and consultation in the elementary school as part of the overall comprehensive developmental guidance program. Prerequisite(s): COUN 5460D .

COUN 5780D - The Student in Higher Education

3 3 hours. A focus on the nature and needs of the college student including older adolescent, young adults and returning adults. Reviews of demographic data about diversity of college populations, the changing relationship of students to

colleges, the nature of student communities and the diverse patterns of structure and function by which colleges individualize education and provide for student affairs practice. Prerequisite(s): COUN 5680 or consent of department.

COUN 5790D - Counseling Culturally Diverse Clients

3 hours Development of counseling skills and strategies based upon the special needs and characteristics of culturally and ethnically diverse clients. Prerequisite(s): COUN 5680D and COUN 5710D, or consent of department.

COUN 5800D - Studies in Education

1-3 hours Organized classes specifically designed to accommodate the needs of students and the demands of program development that are not met by the regular offerings. Short courses and workshops that concern themselves with specified topics, repeated only upon demand. May be repeated for credit.

COUN 5900D - Special Problems

1-3 hours Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and approved in advance by the instructor and department chair.

Criminal Justice - Undergraduate

CJUS 2100D - Crime and Justice in the United States

3 hours **TCCNS Number:** (CRIJ 1301)

This course examines the societal responses to people and organizations that violate criminal codes; discusses the history, development, organization and philosophy of the justice process; and analyzes the complex inter-relationships between the major components of the criminal justice system (police, courts and corrections). Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum. (Same as SOCI 2100D.)

CJUS 2600D - Diversity Issues in Criminal Justice

3 hours Critically examines race, gender and other diversity issues within the U.S. criminal justice system. Topics of emphasis include the importance of diversity issues in the development, organization and operation of the criminal justice system. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

CJUS 2900D - Special Problems

1-3 hours

CJUS 2910D - Special Problems

1-3 hours

CJUS 3201D - Criminal Law

3 hours This course examines general and statutory bases and theories of criminal law and jurisprudence. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 3210D - Judicial and Legal Systems

3 hours This course examines the courts, the legal and judicial process and judicial behavior. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 3300D - Police Systems

3 hours This course focuses on the role and function of police in contemporary society, the problems arising between citizens and police from the enforcement of laws, the limitations of police in a democratic society and the methodologies used by the police to be a more effective component of the justice system. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 3310D - Organized and Consensual Crime

3 hours The study of the history, structure and governmental responses to organized crime; special emphasis is placed on consensual crimes such as drug abuse and trafficking, prostitution, pornography and gambling. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 3320D - Corporate Security and Loss Prevention

3 hours Overview of loss prevention problems and the security and management strategies designed to protect the private sector from crime, fire, accident, employee dishonesty and natural disaster. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 3330D - Introduction to Criminalistics

3 hours This course provides an overview of the field of criminalistics, with a focus on the recognition, collection, preservation, and analysis of physical evidence. This course will introduce students to topics such as fingerprint examination, trace evidence analysis, and firearm examination and is a prerequisite for more advanced criminalistics courses. Prerequisite(s): CJUS 2100D or equivalent or consent of the instructor.

CJUS 3340D - Computer Crime

3 hours This course provides an introduction to computer crime through an examination of the crime and those individuals committing it, as well as the specific laws, investigative techniques, and criminological theories applicable to computer crime.

CJUS 3400D - Correctional Systems

3 hours This course focuses on prisons and jails. It examines the goals and history of punishment; the death penalty; the composition and social organization of jail and prison populations; bail, detention, sentencing and classification; institutional management and the conflicts between rehabilitation and punishment. Prerequisite(s): CJUS 2100D or equivalent. (Same as SOCI 3460D.)

CJUS 3410D - Correctional Case Management

3 hours Study of the basic purposes and techniques of correctional case management with consideration given to the supervision and control of offender activities and the development of interpersonal skills required to enhance communication with and to effect lasting behavioral change in offenders. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 3600D - Criminology

3 hours This course provides an overview of the major criminological perspectives and an examination of the social, political and intellectual milieu within which each developed. The course focuses on the multi-disciplinary nature of criminological thought. Prerequisite(s): SOCI 1510D, PSYC 1630D and CJUS 2100D or equivalents.

CJUS 3610D - Juvenile Justice

3 hours Examines the juvenile justice system and the handling of juvenile delinquents in the United States. Specific attention is devoted to the history of the juvenile justice system and current police, court and correctional policies and practices pertaining to juvenile offenders.

CJUS 3620D - Juvenile Delinquency

3 hours Examines juvenile delinquency in the United States. Specific attention is devoted to the definitions, measurement, and correlates of juvenile delinquency. Additional focus is paid to the various theories of juvenile delinquency and what each theory prescribes for preventing, treating and handling juvenile delinquents. (Same as SOCI 3620D.)

CJUS 3630D - Drugs, Crime and Society

3 hours Examines the relationship between drugs, crime and human behavior. Explores the relationship between drug abuse and crime and the policy proposals developed to control drug trafficking, drug abuse, and drug-related crime, as well as the multi-faceted aspects and effects of chemical abuse and dependency. (Same as SOCI 3630D.)

CJUS 3700D - Ethical Issues in Criminal Justice

3 hours A study of ethical issues facing the criminal justice system. Problems confronting police, the courts and the juvenile and correctional systems are addressed. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 4200D - Criminal Procedure

3 hours An examination of the constitutional and statutory bases and judicial interpretations of the procedures governing the administration of criminal justice. Prerequisite(s): CJUS 2100D and CJUS 3201D or equivalents

CJUS 4250D - Law and Social Problems

3 hours This course examines the role of law in attempts to address and solve social problems. Prerequisite(s): CJUS 2100D and CJUS 3201D or equivalents.

CJUS 4330D - Domestic and International Terrorism

3 hours This course provides in-depth knowledge about domestic and international terrorism. Specific focus is on strategies designed to address the threat of terrorism from a criminal justice perspective, particularly involving the police assuming new roles in homeland security. The course also explores ideological theories of terrorism and identifies trends and patterns of terrorism and hate crimes in our world.

CJUS 4350D - Seminar on Violence

3 hours An analysis of the incidence, patterns and causes of criminal violence; the characteristics of particular crimes (e.g., murder, robbery, rape, domestic abuse, terrorism); and society's reaction to such violence. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 4360D - Criminal Investigation

3 hours The study of methods of obtaining and reporting information from the crime scene, victims, witnesses and suspects. Specific attention is given to investigation of index crimes (homicide, rape, robbery, assault, burglary, arson, motor vehicle theft and larceny). Prerequisite(s): CJUS 2100D, CJUS 3201D and CJUS 3300D or equivalents.

CJUS 4370D - Advanced Criminalistics I

3 hours This course will provide an advanced examination of specified sub-disciplines of criminalistics, including analysis of firearms / tool marks, footwear / tire tread evidence, and bloodstain patterns. This course is designed to provide students with an understanding of the scientific method of analysis, the theory of individualization, and the application of critical thinking as applied to these sub-disciplines. Prerequisite(s): CJUS 2100D and CJUS 3300D or equivalents or consent of the instructor.

CJUS 4380D - Advanced Criminalistics II

3 hours This course will provide an advanced examination of specified sub-disciplines of criminalistics, including analysis of latent prints, trace evidence, and controlled substances. This course is designed to provide students with an understanding of the scientific method of analysis, the theory of individualization, and the application of critical thinking as applied to these sub-disciplines. Prerequisite(s): CJUS 2100D and CJUS 3300D or equivalents or consent of the instructor.

CJUS 4390D - Crime Scene Investigation Theory

3 hours This course is designed to provide a thorough understanding of the scientific theories involved in the recognition, documentation, preservation and collection of physical evidence at crime scenes. Crime scene documentation methods to be included are digital imaging (still and video), notetaking, sketching and crime scene mapping. Safety considerations and biohazard concerns will be emphasized. Proper evidence collection techniques and chain of custody issues will be presented. The theory of crime scene reconstruction according to the scientific method will be developed. Field exercises will be used to further develop lecture topics. Prerequisite(s) : CJUS 3330D or equivalent or consent of instructor.

CJUS 4460D - Community Corrections

3 hours This course examines the concept of community corrections from various perspectives. It also examines contemporary practices and trends in probation, parole, and other forms of community corrections. Prerequisite(s): CJUS 2100D or equivalent. (Same as SOCI 4460D.)

CJUS 4500D - Administration of Criminal Justice Agencies

3 hours The study of principles and practices of administration and their application to criminal justice agencies. Special focus on the relationship of theoretical administrative concepts and practical criminal justice problems. Prerequisite(s): CJUS 2100D and 9 hours of upper-division criminal justice courses or equivalents.

CJUS 4650D - Victimology

3 hours Exploration of the scope of victim issues in American society. Review of the programs and services provided victims of crime. The expanding roles of the courts, police, battered women shelters, victim/witness assistance programs, crisis intervention units and legislation are highlighted. Prerequisite(s): CJUS 2100D or equivalent.

CJUS 4660D - Offender Behavior

3 hours This course examines the variables that correlate with or lead to criminal behavior, such as the family, schools, personality, economic forces and cultural values. It uses psycho-social explanations to illuminate the factors that cause crime and criminality and suggests solutions. Prerequisite(s): CJUS 2100D, CJUS 3600D and CJUS 4700D or equivalents.

CJUS 4700D - Research Methods in Criminal Justice

3 hours Examines research methodology in criminal justice. Special emphasis is placed on methods and techniques for conducting research in criminal justice, including the relationship between theory and research, the nature of causation, research designs and techniques, conceptualization and measurement, operationalization, sampling, and ethical issues. Prerequisite(s): senior standing and a minimum of 18 hours in criminal justice, with 12 hours from the criminal justice core.

CJUS 4850D - Internship in Criminal Justice

1-6 hours Each student is placed as a participant observer in a criminal justice agency for a minimum of 120 hours to provide an opportunity to apply academic training to practical situations. Prerequisite(s): CJUS 2100D or equivalent and 12 additional hours of criminal justice courses and consent of department.

CJUS 4860D - Studies in Criminal Justice

1-3 hours Individual investigation of selected issues regarding criminal justice. Prerequisite(s): CJUS 2100D or equivalent and 12 additional hours of criminal justice courses and consent of department. May be repeated for credit as topics vary.

CJUS 4870D - Topics in Criminal Justice

3 hours Seminar class devoted to an investigation, analysis and discussion of significant problems in contemporary criminal justice. May be repeated for credit as topics vary. Prerequisite(s): CJUS 2100D or equivalent and 6 additional hours of criminal justice courses.

CJUS 4900D - Special Problems

1-3 hours Prerequisite(s): consent of department

CJUS 4901D - Senior Seminar: Criminal Justice and Public Policy

3 hours The examination of the problems and issues involved in forming and implementing criminal justice policy in the United States. This course represents the final capstone experience for the student. Prerequisite(s): senior standing and at least 18 hours of criminal justice, with 12 hours from the criminal justice core.

CJUS 4951D - Honors College Capstone Thesis

3 hours A major research project is prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s) : completion of at least six hours in honors courses; completion of at least 12 semester credit hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

Criminal Justice - Graduate

CJUS 5000D - Criminal Justice Policy

3 hours Methods of policy formulation, implementation and analysis in the criminal justice setting. Selected topics developed for practical research and evaluation.

CJUS 5050D - Criminals and Substance Abuse

3 hours Investigation, analysis and discussion of the relationships between substance abuse and criminal and juvenile offenders.

CJUS 5100D - Information Warfare, Security and Risk Analysis

3 hours An in-depth examination of information warfare, the management of information security and the analysis of risk within organizational contexts.

CJUS 5120D - Cybercrime and Digital Forensics

3 hours An examination of crimes using computers and the internet as their primary medium, with practical analyses of evidence of these crimes.

CJUS 5130D - Information Policy, Law and Justice

3 hours Critical consideration of some of the public policy, legal and societal justice implications of new information technology such as the Internet.

CJUS 5200D - Legal Aspects of the Criminal Justice System

3 hours An examination of the legal process and procedures of the criminal justice system, including investigation, arrest, prosecution and sentencing.

CJUS 5250D - Administrative Law and Justice

3 hours Discussion of the legal principles and doctrines applicable to the state and federal criminal justice agencies, including information policy, ethical and liability issues.

CJUS 5270D - Criminal Evidence

3 hours Examines the problems of proof in the criminal justice process, including the admission and exclusion of evidence, the examination of witnesses, substitutes for evidence and procedural considerations. Both the theory and application of the evidentiary principles will be explored.

CJUS 5350D - Seminar in Contemporary Policing

3 hours Survey of classical and recent literature in policing. Studies of the trends, issues and reform movements currently prominent in the field of policing.

CJUS 5450D - Punishment, Discipline and Social Policy

3 hours Theoretical and practical bases of correctional goals and strategies focusing on offenders, the justice system and the public. The impact of various policies on the justice process and society is stressed.

CJUS 5460D - Correctional Programs

3 hours Examines the content and purposes of educational, religious, cultural, psychiatric and treatment programming for adult and juvenile offenders in institutions and the community. Methods of handling special needs offenders receive attention, as does the efficacy of such programs in controlling recidivism.

CJUS 5470D - Seminar on Juvenile Delinquency

3 hours Problems of definition and measurement, etiological theories, processing of delinquents, and treatment and prevention. (Same as SOCI 5470.)

CJUS 5500D - Seminar in Criminal Justice Administration

3 hours Critical application of selected analytical tools in administering justice agencies; studies of the application of human and financial resources, productivity, measurement and enhancement, and organization design, culture and change in the context of criminal justice agencies.

CJUS 5600D - Advanced Criminological Theory

3 hours An examination of the major theoretical explanations of criminality, the distribution of crime, and the behavior of justice agencies. (Same as SOCI 5600.)

CJUS 5620D - Seminar in Victimology

3 hours The role of the victim in various types of crime, predators and treatment of trauma, and the treatment of victims by criminal justice agencies. Political impact of the victims' movement on the justice systems and the distribution of victims across demographic and behavioral groups. (Same as SOCI 5620.)

CJUS 5700D - Evaluation and Research Methodologies

3 hours Quantitative and qualitative methods of gathering and analyzing data on crime and the justice system, with special attention devoted to evaluation methods.

CJUS 5750D - Criminal Justice Statistics

3 hours Explores the theory, practice and application of statistical analysis to the field of criminology and criminal justice. The student learns how to conduct independent statistical testing, understand the applications of statistics to research methods and the use of statistics in criminal justice. Prepares the student to conduct independent statistical

analysis for criminal justice agencies or research purposes and to be able to use computer programs in statistical analysis and research.

CJUS 5800D - Topics in Criminal Justice

3 hours Content varies as course covers specific issues of current interest and concern in criminal justice and criminology. May be repeated for credit as topics vary.

CJUS 5850D - Directed Studies

3 hours Individual research and writing on selected topics under faculty supervision.

CJUS 5900D - Special Problems

1-6 hours Special Problems are used upon approval of the department chair or dean for individual instruction to cover course content in special circumstances.

CJUS 5950D - Master's Thesis

3-6 hours To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. Prerequisite(s): CJUS 5750D. May be repeated for credit.

Curriculum and Instruction - Graduate

EDCI 5011D - Introduction to Classroom Research

3 3 hours. This course is designed to allow students to explore methods and procedures in educational research in and for classrooms and schools. Prerequisite(s) : Accepted in Graduate School.

EDCI 5012D - Classroom Research Project

3 3 hours. This course is designed to allow students to use methods and procedures in educational research to address problems in classrooms and schools. Prerequisite(s) : Accepted in graduate school.

EDCI 5013D - Technology in STEM

3 3 hours. This course is designed to allow students to explore strategies and models of effective technology integration in STEM curriculum and classroom instruction. Prerequisite(s) : Admission to graduate school.

EDCI 5014D - Instructional and Behavioral Management in Classrooms

3 3 hours. This course provides a comprehensive knowledge base concerning instructional and behavior management. Areas of emphasis include structuring the classroom for success, planning for instruction, managing materials and equipment, and assessing and managing student and group behavior. Prerequisite(s) : admission to graduate school.

EDCI 5015D - Action Research for Multicultural and Multilingual Education

3 3 hours. This course is designed to allow students to explore methods and procedures in multicultural research in and for classrooms and schools. Prerequisite(s) : admission to graduate school.

EDCI 5016D - Stem Literacy Across the Disciplines

3 3 hours. This course is designed to help teachers in all content areas integrate science, technology, engineering, and math in to their curriculum to promote STEM literacy for all. The major emphasis will be on practical application of the course content to the classroom setting. Because of the link between traditional literacy and STEM literacy, attention will also be given to using reading strategies in the various content areas to promote thinking & learning. Prerequisite(s) : admission to the graduate school.

EDCI 5017D - Human Development for Educators

3 3 hours. Theories, indicators, and analysis of typical human development across the life spans to prepare the educational professional to facilitate healthy development. Prerequisite(s) : Admission to graduate school.

EDCI 5018D - English as a Second Language for EC-12 Classrooms

3 3 hours. This course is designed to facilitate an examination of appropriate procedures associated with instructional materials and strategies supporting academic content instruction and the language development of second language learners in the classroom. A review of historical legal cases, federal and state policies, ESL programs and models for ELLs in EC-12 ESL programs and review of research will be discussed and explored. An extension of the review of literature and research on the study of marginal and illiterate ELLs due to lack of literacy in the home and availability in the classroom. A collection of observations of ELLs performing in different academic settings will support key themes featured in a qualitative research project. The research activities will help students acquire extensive knowledge of language acquisition, literacy, and instructional program development specifically addressing the language and academic language skills of ELLs. Additional topics will address reading, writing, analytical thinking, higher order thought processes, rendering on their own term, and comprehension skills. Prerequisite(s) : Admission to Graduate School.

EDCI 5100D - Action Research for Multicultural Education

3 3 hours. Provides graduate students with opportunities to review the literature on action research and multicultural populations and to develop basic skills in quantitative and qualitative data generation, analysis and interpretation. Prerequisite(s) : EDCI 5710D and EDCI 5150D or consent of instructor.

EDCI 5101D - Seminar I

1 1 hour. This class is designed to give students the opportunity to become oriented within a K-12 district school. Students will attend district orientation sessions and meet regularly with a K-12 mentor teacher and university instructor to process knowledge from experience in a school setting. Prerequisite(s) : Completion of all program courses.

EDCI 5102D - Seminar II

1 1 hour. This class is designed to give students in a graduate transition-to-teaching program the support needed to bridge theory courses and observation experience in the classroom setting. 1 credit hour. Prerequisite(s) : Completion of all program courses.

EDCI 5103D - Seminar III

1 1 hour. This class is designed to give students support during the clinical teaching semester. 1 credit hour.
Prerequisite(s) : Completion of all program courses.

EDCI 5120D - Curriculum and Instructional Methodologies in Language Arts and Social Studies K-8

3 3 hours. Advanced study of issues related to the comprehension of narrative and expository texts, especially social studies context. Design of language arts instruction within social studies themes. Critical literacy across disciplines is the focus of this course. Inquiry based project contextualized by the field placement is required. Prerequisite(s) : Leveling courses EDRE 4450D and admission to Graduate School. Completion of all program courses.

EDCI 5140D - Models of Instruction and Classroom Management

3 3 hours. Teaching models and classroom management models and their strategies to teacher interactions in classrooms, research-based practices in teaching and classroom management. Prerequisite(s) : Admission to graduate school.

EDCI 5150D - Curriculum and Instructional Methodologies for Mathematics and Science K-8

3 3 hours. Intended for individuals who already possess a bachelor's degree and who are seeking EC-6 or Grades 4-8 teaching certification. The course covers mathematics and science content and teaching methodologies. Prerequisite(s) : Admission to graduate school. Admission to Teacher Education.

EDCI 5190D - Clinical Teaching

6 6 hours. Teaching under supervision in pre-kindergarten through high school. Prerequisite(s) : Completion of all program courses.

EDCI 5310D - Advanced Pedagogical Content Knowledge for Teachers of Life Science

3 3 hours. This course is designed to allow students to enhance understanding of pedagogical content knowledge in Life Science at the K-8 level. Prerequisite(s) : Admission to graduate school

EDCI 5330D - Advanced Pedagogical Content Knowledge for Teachers of Physical Science

3 3 hours. This course is designed to allow students to enhance understanding of pedagogical content knowledge in Physical Science at the K-8 level. Prerequisite(s) : Admission to graduate school

EDCI 5340D - Innovations in Earth and Space Science

3 3 hours. This course is designed to introduce students to innovations in earth and space science at the K-8 level and how to implement these in their classes. Prerequisite(s) : Graduate-student standing and EC-6 or Grades 4-6 teaching certification

EDCI 5350D - Advanced Pedagogical Content Knowledge for Teachers of K-8 Science

3 3 hours. The purpose of this course is to provide teacher candidates with the subject matter, background, and material organization for an integrated science program in the K-8 school setting. Students experience first-hand the scope and sequence of science education in a primary/elementary/middle school setting. Prerequisite(s) : Graduate-student standing and EC-6 or Grades 4-6 teaching certification.

EDCI 5370D - Advanced Pedagogical Content Knowledge for Teachers of Earth Science

3 3 hours. This course is designed to allow students to enhance understanding of pedagogical content knowledge in Earth Science at the K-8 level. Prerequisite(s) : Admission to graduate school

EDCI 5510D - Advanced Pedagogical Content Knowledge for Teaching Algebraic Thinking

3 3 hours. Intended for individuals currently teaching elementary or middle school. The course covers problem solving, patterns and sequences, functions and modeling, generalization and proof. Prerequisite(s) : Graduate-student standing and EC-6 or Grades 4-8 teaching certification.

EDCI 5520D - Advanced Pedagogical Content Knowledge for Teachers of Numbers and Operations

3 3 hours. Intended for individuals currently teaching elementary or middle school. The course covers problem solving, sets, operations with positive and negative numbers, proportional reasoning, fractions, decimals and percents. The course includes an action research project conducted in a K-8 setting. Prerequisite(s) : Admission to graduate school.

EDCI 5530D - Advanced Pedagogical Content Knowledge for Teachers of Probability & Statistics

3 3 hours. Intended for individuals currently teaching elementary or middle school who already possess EC-6 or Math 4-8 teaching certification. The course covers organizing and displaying data, describing data with numbers, probability, tree diagrams, geometric probabilities, counting techniques, abuses of statistics. Prerequisite(s) : Graduate-student standing and EC-6 or Grades 4-8 teaching certification.

EDCI 5540D - Advanced Pedagogical Content Knowledge for Teachers of Geometry & Measurement

3 3 hours. Intended for individuals currently teaching elementary or middle school. The course covers attributes of two- and three-dimensional figures, customary and metric measurement, and measuring length, perimeter, area, and volume. Prerequisite(s) : Graduate-student standing and EC-6 or Grades 4-8 teaching certification.

EDCI 5550D - Advanced Pedagogical Content Knowledge of Financial Literacy for EC-8 Teachers

3 3 hours. Intended for individuals currently teaching elementary or middle school who already possess EC-6 or Math 4-8 teaching certification. The course covers techniques for teaching financial literacy in Grades K-8 including ideas related to income, expenses, budgeting, saving and borrowing money, and the costs and benefits of a college education. Prerequisite(s) : Admission to graduate school

EDCI 5710D - Curriculum and Instruction Inquiry I

3 3 hours. Introduction to critical reflection and inquiry through action research. Development of basic skills as consumers of educational research and as teacher-researchers. Admission procedures are completed and degree plan developed. Should be taken upon first residence registration in the curriculum and instruction MEd program.

EDCI 5720D - Curriculum and Instruction Inquiry II

3 3 hours. Advanced critical reflection and inquiry through action research and advocacy. Refinement of skills as consumers of educational research, teacher-researcher and advocate for and against educational change. Consideration of contemporary issues in education. Presentation of program portfolio is scheduled during enrollment in this course, including completion of action research report. Should be taken during the last resident registration in the curriculum and instruction MEd program. Prerequisite(s): EDCI 5320, 5360, 5710D; EDUC 5130; and EDSP 5680.

EDCI 5900D - Special Problems

1 1-3 hours. Open to graduate students who are capable of developing a problem independently.

Decision Sciences - Undergraduate

DSCI 2710D - Data Description and Analysis with Spreadsheets

3 hours Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity.

DSCI 2900D - Special Problems

1.0-3.0 Special Problems. 1-3 hours.

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

DSCI 3870D - Management Science

3 hours Introduction to operations research for business decision making. Spreadsheet methods are used to evaluate the following: deterministic models; allocation problems, linear programming, sequencing and scheduling, and network models. Prerequisite(s): DSCI 2710D or consent of instructor; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D and ECON 1110D; MATH 1100D; MATH 1190D or equivalent.

DSCI 4510D - Model-Based Decision Support Systems

3 hours How model-based decision support systems can be utilized as a key element within a managerial decision process. Attention is paid to how and why such a model is used in a support system environment. Topics include the use of mathematical, statistical and business models that are embedded within a decision support system for dealing with both structured and semi-structured decision problems. Prerequisite(s): DSCI 3870D; BCIS 3610D; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken MSCI course, or consent of department.

DSCI 4900D - Special Problems

1-3 hours

Decision Sciences - Graduate

DSCI 5010D - Statistical Analysis

1.5 hours 5010. Statistical Analysis. 1.5 hours. Basic descriptive and inferential statistics; includes frequency distributions, averages, dispersions, index numbers, time-series analysis, probability, theoretical distributions, sampling distribution, estimation, tests of significance, chi-square, regression and correlation, analysis of variance and sample design. Prerequisite(s): MATH 1190 or equivalent. This course meets the deficiency requirement of statistics (MSCI 3700 and 3710) for MBA candidates, and may be counted as part of a graduate program in a field other than business administration.

DSCI 5180D - Introduction to Decision Making

3 hours Emphasis on model assumptions, applying the correct statistical model and interpreting the results. Topics include simple regression, multiple regression (e.g., qualitative variable coding, model building) and experimental design (e.g., completely randomized design, randomized block design, multi-factor designs). Prerequisite(s): MSCI 5010 or equivalent.

DSCI 5690D - Topics in Decision Sciences

3 hours Current issues dealing with the development and use of decision science models in business. May be repeated for credit as topics vary. Prerequisite(s) : DSCI 5180D or consent of department.

Development and Family Studies - Undergraduate

DFST 1013D - Human Development

3 **TCCNS Number:** (TECA 1354)

Introduction to the theories and processes of physical, cognitive and social development of the individual from conception until death. Suitable for non-majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

DFST 2033D - Parenting in Diverse Families

3 **TCCNS Number:** (TECA 1303)

Commonalities and differences in parenting, caregiving and family life are emphasized from systems, ecological and cross-cultural perspectives. Parenting and caregiving in diverse family forms and cultures are studied in relation to adult-child interactions, parent/school/community relations, family roles, laws, and parenting skills. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

DFST 2900D - Special Problems

1-3 1-3 hours. Open to lower-level students capable of developing a problem independently. Problems are chosen by the student and developed through conferences with the instructor.

DFST 3113D - Infant and Toddler Development

3 3 hours. Infant and Toddler Development Growth and development of the child from conception to three years, including the influence of the family and environment. Prerequisite(s): None.

DFST 3123D - Child Development

3 3 hours. Basic principles of development and learning; physical, cognitive, language, social and emotional development in early and middle childhood (ages 3 to 10 years). May require some observation and case study.

DFST 3213D - Infant and Toddler Intervention

3 3 hours. Focus on roles of professionals and parents/caregivers in fostering individual infant and toddler development through appropriate interactions and care, safe and healthy environments, and developmental intervention. Fifteen hours field observation with infant and toddlers required. Course has been approved as fulfilling competencies for Early Intervention Specialist Credential. Prerequisite(s): DFST 3113 or equivalent.

DFST 3423D - Family, School, and Community

3 hours Analyzing family, school and community resources and needs as related to the family life cycle; child welfare and education, ecological approach; and exploration of careers related to children and families. Strategies to improve communication and collaboration are emphasized with a focus on family types, cultures, economic conditions, school systems, community services, political forces, advocacy groups and other factors that impact young children and their families. Fifteen hours a semester in field work arranged.

DFST 4011D - Prepracticum

1 1 hour. Provides a bridge from theory to professional practice. Determining career goals and assuming professional ethics, roles and responsibilities are emphasized. Preparation and placement for an in-depth practicum for FCS student teaching is included. Prerequisite(s): Junior or senior standing.

DFST 4023D - Practicum

3 3 hours. Requires a minimum of 150 clock hours of in-depth experience with an approved agency or research related to development and/or family studies, plus seminar. Emphasis is placed on application of knowledge and skills to actual job roles and responsibilities. Prerequisite(s): DFST 1023 , DFST 4011 . Students must have a minimum 2.45 overall grade point average, completion of 90 hours or more, and have received a grade of C or better in DFST 4011 , Pre-practicum, and have the practicum site approved the previous term/semester by pre-practicum instructor.

DFST 4133D - Adolescent Development

3 hours Theories and characteristics of physical, cognitive and social development between 11 and 20 years of age. Effects of family, school, community and other factors on adolescent development are also addressed.

DFST 4213D - Child Life Seminar

3 3 hours. Provide historical and theoretical perspective on the development of the child life field and information on fundamental skills required to help children and families cope with the stress of the healthcare experience. Prerequisite(s): Senior level standing or department approval.

DFST 4253D - Administration of Programs for Children, Youth and Families

3 3 hours. Analysis of programs, personnel policies, facility administration and related topics for teachers and administrators who work with children, youth and families. Prerequisite(s): course in child development.

DFST 4323D - Family Law and Public Policy

3 3 hours. Laws and public policies as they relate to and affect the family. Junior/Senior classification required. Prerequisite(s) : Junior or Senior standing.

DFST 4413D - Family Life Education

3 3 hours. The practice and process of family life education and training of professionals in the child development and family field. Curriculum and program development and evaluation. Teaching strategies and professional responsibilities. Prerequisite(s): DFEC 2033D.

DFST 4900D - Special Problems

1 1-3 hours. Open to advanced students capable of developing a problem independently. Problems chosen by student and developed through conferences with instructor.

Early Childhood Education - Undergraduate

EDEC 2900D - Special Problems

1 1-3 hours. Open to freshman and sophomore students. Students explore a problem independently. Problems are chosen by the student and developed through conferences with the instructor.

EDEC 3613D - Introduction to Early Childhood Education

3 hours Historical foundations of early childhood education, current programs, best practices and legal and ethical issues. Introduction of how understanding development of typical and atypical young children influences objectives, activities, materials, and teaching strategies and techniques in an early childhood classroom. Prerequisite(s): DFEC 3123 (may be taken concurrently).

EDEC 4243D - Environmental Processes and Assessment

3 hours (3;3;0) Considers early childhood learning processes as well as implications for individual, group, and program assessment. Areas of emphasis include development of skills in selection, use and interpretation of developmentally appropriate practices. Focus areas include formal, informal and holistic assessment instruments as well as learning environment materials and resources. Implications for technology in assessment and management are discussed. Laboratory experiences required. Prerequisite(s): DFEC 4233. EC-4 students must also complete EDEC 3613D as a prerequisite.

EDEC 4633D - Nurturing Children's Social Competence

3 hours Facilitating the social and emotional skills of young children. Incorporates an ecological approach to significant influences on self-esteem and self-concept including diversity, family, creativity and individual differences. Includes analysis of play theory and research. Field experience required. Prerequisite(s): EDEC 3613D.

EDEC 4800D - Studies in Development, Family Studies and Early Childhood Education

1 1-3 hours. Organized classes for specific program needs and student interests. Prerequisite(s): consent of department. Limited-offering basis. May be repeated for credit.

EDEC 4900D - Special Problems

1 1-3 hours. Open to junior and senior students. Students explore a problem independently. Problems are chosen by the student and developed through conferences with the instructor.

Early Childhood Education - Graduate

EDEC 5312D - Teaching PK-K Language and Literacy

3.0 3 hours. Inquiry based and experiential approach to understanding 4 through 6 year olds, development of language and literacy. Begins with physical, cognitive, social, and emotional development of 4 through 6 year olds as it relates to language and literacy. Students learn practical skills to assess, plan lessons, implement, and reflect on teaching of language and literacy to 4 through 6 year olds. Special attention is given to Texas Prekindergarten guidelines and Kindergarten TEKS for language and literacy. Prerequisite(s) : Graduate-student standing and EC-6 certification (or comparable for EC teaching).

EDEC 5322D - Teaching PK-K Math and Science

3.0 3 hours. Inquiry based and experiential approach to understanding 4 through 6 year olds, development of math and science concepts. Begins with physical, cognitive, social, and emotional development of 4 through 6 year olds as it relates to math and science concepts. Students learn practical skills to assess, plan lessons, implement, and reflect on teaching of math and science concepts to 4 through 6 year olds. Special attention is given to Texas Prekindergarten guidelines and Kindergarten TEKS for math and science. Prerequisite(s) : Graduate-student standing and EC-6 certification (or comparable for EC teaching).

EDEC 5412D - Advanced Interventions for Pre-K/K Language and Literacy

3 3 hours. Inquiry based and experiential approach to advanced interventions for Pre-K students who are not meeting developmentally expected language and literacy goals. Students learn practical skills of assessment and language/literacy intervention strategies (e.g. Response to Intervention strategies) as well as parent consultation. Special attention is given to poverty, language differences, behavior challenges, and disabilities that may impact Pre-K language and literacy development.

EDEC 5422D - Advanced Interventions for Pre-K/K Math and Science

3 3 hours. Inquiry based and experiential approach to advanced interventions for Pre-K students who are not meeting developmentally expected math and science goals. Students learn practical skills of assessment and math and science intervention strategies (e.g. Response to Intervention strategies) as well as parent consultation. Special attention is given to poverty, language differences, behavior challenges, and disabilities that may impact Pre-K math and science development.

EDEC 5513D - Advanced Studies in Early Childhood Education

3 3 hours. Advanced survey of theory/philosophy and research related to educating children. Integrative and comprehensive assessment of both classic and recent contributions in the field of early childhood education. Course requires involvement in early childhood setting.

EDEC 5523D - Early Childhood Studies Seminar

3 3 hours. Graduate seminar and related readings and scholarly activity featuring special workshops and / or guest lectures by visiting researchers in early childhood studies.

EDEC 5623D - Environments and Programs for Young Children

3 3 hours. Recommended for individuals entering the early childhood profession. Emphasizes the direct application of diverse early childhood learning theories on classroom practices including behavioral, developmental, and reconceptualist / critical perspectives. Includes curricular decision making, instructional planning, classroom management, and strategies for construction and implementation of learning environments for young children.

EDEC 5633D - Assessment in Early Childhood Education

3 3 hours. Examines the role of assessment in the process of program development, instruction and individual differences. Attention is given to observational strategies, record keeping, analysis of data, instructional planning and program evaluation.

EDEC 5643D - Leadership and Supervision of Programs

3 3 hours. Issues and problems in administration of programs for children, youth and families. Includes administrative leadership of programs and staff, effective staff development and supervision.

EDEC 5653D - Making the Literacy Connection: Language to Reading

3 3 hours. The study of the development of literacy in young children through oral language, listening comprehension, alphabetic knowledge, print awareness and reading. Addresses young children's communication, language diversity, age-appropriate characteristics and appropriate instructional techniques to support literacy and reading. Includes techniques for assessment and evaluation of early language development.

EDEC 5800D - Special Topics in Early Childhood Studies

1 1-3 hours. Organized classes designed to accommodate the needs of students and demands of program development not met by regular offerings. Short courses and workshops on specific topics are offered on a limited basis, to be repeated only upon demand. May be repeated for credit.

EDEC 5900D - Special Problems

1 1-3 hours each. Open to graduate students capable of developing a problem independently. Problems chosen by the student and approved in advance by the instructor.

Economics - Undergraduate

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

ECON 1110D - Principles of Macroeconomics

3 hours **TCCNS Number:** -2301

Principles of economic organization and growth in modern, industrial society; money and banking, monetary and fiscal policy; determinants of national income and business fluctuations. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum

ECON 2900D - Special Problems

1.0-3.0 Special Problems. 1-3 hours.

ECON 3250D - Industrial Relations

3 hours Employer/employee relations in the United States; structure, methods and objectives of labor unions and employer associations in an industrial system and changing institutional pattern. Prerequisite(s): ECON 1100D-ECON 1110D.

ECON 3550D - Intermediate Micro-Theory

3 hours 3 hours. Demand and supply analysis, consumer choice theory, production and cost theory and market equilibrium under different market structures. Prerequisite(s): ECON 1100D with a grade of A or B and any one of the following : MATH 1190D , MATH 1710D with a grade of C or better.

ECON 3560D - Intermediate Macro-Theory

3.0 3 hours. Factors affecting income level, employment and output; national income concepts and measurements; application of economic policy to current problems. Prerequisite(s): ECON 1100D and ECON 1110D with a grade of A or B.

ECON 4020D - Money and Financial Institutions

3 hours Nature and functions of money; modern banking institutions and central banks; credit control and monetary stabilization. Prerequisite(s): ECON 1100D-ECON 1110D.

ECON 4140D - Managerial Economics

3 hours Integrates microeconomic theory with accounting, finance, marketing and production management. Demand and cost estimation and forecasting; pricing; business strategy; case studies. Prerequisite(s): ECON 3550 plus MATH 1400D or MATH 1190D.

ECON 4180D - The Economics of Health Care

3 hours Application of economic theory and analysis to the financing and delivery of medical care. Emphasis on the use of economic concepts to understand health care markets and public policy issues. May not be repeated at the graduate level as ECON 5180. Prerequisite(s): ECON 3550.

ECON 4510D - History of Economic Thought

3.0 3 hours. Economic thought since the Middle Ages. Prerequisite(s): ECON 1100D -1110D .

ECON 4850D - International Trade

3.0 3 hours. Examines the nature and theoretical foundations of modern trade between nations. Topics include patterns of international trade and production, welfare implications of trade, impacts of tariffs and quotas, balance of trade and balance of payments issues. Analysis of trade implications of international monetary systems, multinational corporations, exchange rates and economic implications of political action. Prerequisite(s): ECON 1100D - 1110D or consent of department.

Economics - Graduate

ECON 5000D - Economic Concepts

3 hours Theory of the firm under different market structures; demand theory, the Keynesian model and the money system.

ECON 5140D - Managerial Economics

3 hours Integrates microeconomic theory with accounting, finance, marketing and production management. Incremental reasoning to decision making under uncertainty. Prerequisite(s): ECON 3550 or ECON 5030. Students may not receive credit for both ECON 4140D and ECON 5140. Usually offered spring semester.

ECON 5180D - Economics of Health Care

3 5180. Economics of Health Care. 3 hours. Application of economic theory and analysis to the financing and delivery of medical care. Emphasis on the use of economic concepts to understand public policy issues in medical care. Students may not receive credit for both ECON 4180 and 5180. Usually offered fall semester.

Education, Music - Undergraduate

MUED 1130D - Foundations in Music

3 hours **TCCNS Number:** (MUSI 1300 or 1304)
Development of musical concepts and skills in listening and performance through use of elementary school music program materials and activities.

MUED 1140D - Foundations in Music

3 hours Methods and materials for teaching vocal music in elementary school. Prerequisite(s): MUED 1130D. For elementary education majors only.

Educational Administration and Supervision - Graduate

EDAD 5300D - Introduction to Educational Administration

3 hours Focuses on instructional leadership development and serves as the introductory course for degrees and certification in educational administration. Includes a study of campus-level leadership and accountability and concomitant roles and responsibilities; as well as interrelationships among administrators, teachers, students, parents and community groups. Degree plans are developed and the major professor/adviser is assigned.

EDAD 5330D - Instructional Leadership

3 hours Study of instructional leadership as it relates to the improvement of instruction, effective schools and ongoing effective program delivery by personnel. Areas to be explored and discussed include significant and recent research and best practices of instructional leadership, learning theory, the change process, school climate and culture, effective teaching methods and the relationship of instruction to curriculum.

EDAD 5360D - Leadership for Social Justice

3 3 hours. The situation of PK-12 schooling for school-dependent children in the United States points to various inequities (Connell, 1993; Hodgkinson, 1995; Jackson, 2011; Land & Legters, 2002; Larson & Murtadha, 2002). In addition to disadvantaging poor and/or school-dependent children, females, special needs children, racial and ethnic minority children, second language learners, and children of recent immigrant parents are often disadvantaged. These circumstances call for responsible, socially-just leadership that seeks to redress institutional injustice and to saturate culturally-and socially-responsive teaching and learning throughout the educational institution.

EDAD 5390D - Campus-Level School Law

3 hours Provides an understanding of important constitutional, statutory, administrative and case law as it pertains to the everyday operation of schools in Texas. Students learn the legal framework within which schooling takes place and how it structures the decisions that campus administrators make. Primary emphasis is placed on legal issues facing campus-level administrators.

EDAD 5400D - Management of School Resources

3 hours Introductory-level course in the planning and management of school resources with particular applications to Texas. Designed to prepare building level administrators to understand the issues influencing the planning and management of personnel, financial and capital resources at the school building level.

EDAD 5500D - Internship in Educational Administration

3 hours Provision for on-the-job experience and professional study in administration and supervision as directed by the student's major adviser. Required for Texas professional certificate for school administration. Not applicable to degree programs. The internship requires 125 hours of experience at either a secondary, middle, elementary, or alternative school site. Prerequisite(s): completion of EDAD 5300D, EDAD 5330D, EDAD 5390D and EDAD 5400D.

EDAD 5550D - Computer Applications for Educational Administration

3 hours Study and analysis of the use of technology in the administration of education with emphasis on using microcomputer applications to facilitate administrative activities; planning for the incorporation of technology into district / campus wide instructional programs; and promoting education via the use of technology.

EDAD 5600D - Race, Class and Gender Issues in Education

3 hours Race, class and gender equities exist throughout educational systems. Students critically examine issues related to providing leadership for a diverse student population. Students learn what it means to be a culturally responsive leader and to review research and debunk stereotypes and negative views. Students begin to recognize all learners as capable, motivated, resilient and able to build on cultural strengths. Strategies for school change are also explored. Prerequisite(s): completion of EDAD 5300D, EDAD 5330D, EDAD 5390D and EDAD 5400D.

EDAD 5610D - School Communications and Public Relations

3 hours Every administrator in an educational organization has a responsibility to engage in public relations on a daily basis. The primary objective of this course is to examine school-based public relations with the context of life in an information age, practice in schools shared decision-making, and sustained demands for school improvement. Students study three critical dimensions of school public relations: informing the public; modifying attitudes and opinions; integrating the actions and attitudes of an organization with those of its public. Prerequisite(s): completion of EDAD 5300D, EDAD 5390D and EDAD 5400D.

EDAD 5620D - Administration and Leadership for Student Educational Services

3 hours Designed to investigate the values, theoretical bases, best practices and challenges for leaders who administer student educational services at the school or district levels. Provides a review of federal laws, rules, regulations and expectations for students placed at risk in educational settings by circumstances and situations beyond their control. Emphasis on students who are educationally disadvantaged because of poverty, language differences, disabilities, interests and academic performance or lack thereof. Prerequisite(s): completion of EDAD 5300D, EDAD 5330D and EDAD 5400D .

EDAD 5630D - Organizational Change and School Improvement

3 hours School change and improvement from the perspectives of classical/rational organizational theory, open systems theory, contingency theory and social systems theories. Content includes research on school change and school improvement, strategic planning, effects of major reform initiatives in the 1980s and 1990s, and the development of the literature review in a research study. Prerequisite(s): completion of EDAD 5300D, EDAD 5330D, EDAD 5390D and EDAD 5400D.

EDAD 5640D - School Resource Alignment for Student Achievement

3 3 hours. Introductory-level course in the planning and management of school resources with particular applications to Texas. Designed to prepare building-level administrators to understand the issues influencing the planning and management of personnel, financial and capital resources at the school building level. Prerequisite(s) :EDAD 5300D , EDAD 5330D , EDAD 5360D , and EDAD 5390D .

EDAD 5650D - Professional Development and Supervision

3 hours Provides students with the knowledge, interpersonal skills and technical skills to accomplish the supervisory tasks of direct assistance to teachers and professional development. Students learn how to implement models of professional development, especially job-embedded professional development, and how to apply the basic processes of developmental supervision, clinical supervision and coaching. In addition, the course addresses the relationship of

effective supervisory behaviors to appraisal processes. Prerequisite(s): EDAD 5300D, EDAD 5330D, EDAD 5390D and EDAD 5400D.

EDAD 5680D - Administration of the K-12 Curriculum

3 hours Examines the interaction among curriculum, instruction and assessment at site, district and national levels. Theoretical knowledge as well as site and district based curricular projects are included. The student develops an understanding of the critical importance of research based yet practical curriculum alignment and coordinated planning in school reform and improvement. Prerequisite(s): completion of EDAD 5300D, EDAD 5330D, EDAD 5390D and EDAD 5400D.

EDAD 5700D - Practicum in Educational Administration

3 hours The final course for the educational administration program area. During the class meetings students review and analyze fundamental issues in the educational administration competency areas, discuss current trends and pressures influencing changes in the field, and address knowledge and skills needed to be prepared for an administrative career. At least 125 contact hours are spent in the field working with a site or central office administrator dealing with specified instructional, supervisory, administrative, leadership, curricular and management responsibilities. Prerequisite(s): EDAD 5300D, EDAD 5390D and EDAD 5400D.

EDAD 5800D - Studies in Education

1-3 hours Organized classes specifically designed to accommodate the needs of students and the demands of program development that are not met by the regular offerings. Short courses and workshops on specific topics are offered on a limited basis, to be repeated only upon demand. May be repeated for credit.

EDAD 5900D - Special Problems

1-3 hours Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and approved in advance by the instructor and the department chair.

EDAD 6031D - Internship Under Practicing School Administrator

3 3 hours. Provision for on-the-job experience or professional study in administration or supervision as directed by student's major adviser. Limited to 6 hours in doctoral degree program. Required for Texas professional certificate for school administration. Not applicable to degree programs.

EDAD 6032D - Practicum, or Field Problem

3 3 hours. Provision for on-the-job experience or professional study in administration or supervision as directed by student's major adviser. Limited to 6 hours in doctoral degree program. An elective for doctoral candidates in administrative leadership.

EDAD 6033D - Internship Under School Superintendent

3 3 hours. Provision for on-the-job experience or professional study in administration or supervision as directed by student's major adviser. Limited to 6 hours in doctoral degree program. Required for Texas professional certificate for superintendent. Not applicable to degree programs.

EDAD 6110D - Advanced Theory and Research in Administration

3 3 hours. Contemporary inquiry in educational administration. The course examines the impact of positivism, subjectivism and functionalism and its critics on recent research on school organization and administration.

EDAD 6510D - Seminar in Advanced Education Law

3 3 hours. Builds on the content of the prerequisite course by focusing on legal and policy issues of particular concern to top-level educational policymakers and administrators. Topics include such complex issues as the role of the state in education, parental rights, school choice and vouchers, privatization, religion on campus, school desegregation and integration, and legal liability for constitutional wrongs. Topics vary, depending upon the current school reform agenda. Underlying concerns that drive the development of legal mandates in schooling are explored. Prerequisite(s): EDAD 5390D or equivalent.

EDAD 6530D - Educational Facilities

3 3 hours. The planning, design, construction, maintenance and evaluation of educational facilities. Develops awareness and skills related to population projections, needs assessment, educational specifications, site selection, rehabilitation of buildings, maintenance and operation of educational facilities, and building evaluation surveys

EDAD 6570D - Seminar in Advanced Educational Finance

3 3 hours. Problems and issues involved in financing the public schools. The context and methodology of the course are suitable for educators working at all levels in the public schools and are directly relevant to their current problems and needs. Prerequisite(s): EDAD 5520 or consent of instructor.

EDAD 6590D - The Superintendency

3 3 hours. An advanced course dealing with the basic functions of the superintendency planning, programming, communicating and evaluating and the current issues and problems confronting the practicing educational administrator. Prerequisite(s): EDAD 5330D and 5450, or consent of instructor.

Educational Foundations - Undergraduate

EDUC 3320D - Foundations of Education

3 3 hours. Standards and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment.

EDUC 4200D - Student Teaching

6 6 hours. Teaching under supervision in EC-6, Special Education, Bilingual Education, English as Second Language, Grades 4-8, and/or Grades 7-12. Required for those seeking Texas certification for any level & any content area. See Student Teaching Program for details. Pass/no pass only. Prerequisite(s) : Completion of all program courses.

Educational Psychology - Undergraduate

EPSY 3013D - Reading and Understanding Research

3 3 hours. Students will learn how to identify and critique elements of quantitative, qualitative, and mix-methods research designs as well as recognize and interpret basic measurements and statistics commonly reported in educational and psychological research.

Educational Psychology - Graduate

EPSY 5050D - Educational Research and Evaluation

3 hours An introduction to methods and limitations of educational research. The student will learn the procedures, strengths and limitations of the research process

EPSY 5123D - Human Development Across the Life Span

3 hours The processes and stages that individuals undergo as they progress from birth through old age and death are studied from a human ecological perspective. Developmental tasks and concepts are explored.

EPSY 5210D - Educational Statistics

3 hours Descriptive and inferential statistical concepts and techniques commonly used in educational research. Organization of data, graphical representation, measures of central tendency and variability, normal distribution curve, sampling theory and tests of significant differences between related and independent samples.

EPSY 5900D - Special Problems

1-3 hours Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and developed through conferences with the instructor. Prerequisite(s): Consent of program.

EPSY 5910D - Special Problems

1-3 1-3 hours. Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and developed through conferences with the instructor. Prerequisite(s): Consent of department.

Elementary Education - Undergraduate

EDEE 2000D - Exploring Diversity Through Social Action

3 hours Exploration of issues related to race and ethnicity, gender, social class, learning differences, and sexual orientation as they impact education in the U.S. Required for students seeking grades 4-8 teacher certification. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

EDEE 2210D - Social Studies and Science Curriculum Grades EC-6

3 3 hours. Intended to deepen content knowledge for EC-6 Generalist teachers. Prerequisite(s) : Take a Departmental administered EC-6 Generalist practice test.

EDEE 2900D - Special Problems

1 1-3 hours.

EDEE 3320D - Foundations of Education: The School Curriculum

3 hours Principles and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment. Prerequisite(s): admission to the teacher education program (includes participation in a field-based program), a child/adolescent/lifespan development course, and an educational-application computer course.

EDEE 3380D - Teaching and Learning in Grades EC-6

3 hours Effective teaching practices through reflective decision making in grades EC-6. Includes the fundamental teaching skills of planning for instruction, implementing appropriate teaching strategies, integrating the curriculum, integrating technology into teaching, grouping children for instruction, acquiring appropriate materials/resources, assessing student learning, and establishing and maintaining a safe and effective learning environment. Prerequisite(s): admission to the teacher education program (includes participation in a field-based program), with a child/adolescent/lifespan development course, and an educational-application computer course. This course is to be taken in the professional year.

EDEE 4330D - Science in Grades EC-6

3 hours (3;0;16) Subject matter background and material organization for an integrated science program in primary and elementary school. Students experience first-hand the scope and sequence of science education in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a EC-6 school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D , all courses in the reading/English/language arts part of the academic major. Required core and academic major science courses and DFEC classes.

EDEE 4340D - Social Studies in Grades EC-6

3 hours (3;0;16) Principles of teaching social studies in the primary and elementary school. Students observe social studies instruction and materials in real settings, apply principles of social studies instruction in classroom settings and experience first-hand the scope and sequence of the curriculum in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place in grades EC-6. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major. Required core and academic major social studies courses and DFEC classes.

EDEE 4350D - Mathematics in Grades EC-8

3 hours (3;0;16) Principles in mathematics teaching and learning based on national curriculum and assessment standards. The learning process in the development of mathematical thinking and skills in children. Students observe mathematics instruction and materials in real settings and experience firsthand the scope and sequence of mathematics in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D; all courses in the reading/English/language arts part of the academic major. Required core and academic major math courses and DFEC classes.

EDEE 4800D - Studies in Education

1-3 hours Organized classes for specific program needs and student interest. Prerequisite(s): admission to teacher education and consent of department. Limited-offering basis. May be repeated for credit.

EDEE 4900D - Special Problems

1-3 hours

Elementary Education - Graduate

EDEE 5020D - Advanced Studies in Elementary School Mathematics

3 3 hours. Modern curricula and techniques. The content, scope, philosophy and pedagogical strategies of several modern mathematics curricula and their utilization in upgrading mathematics instruction in the elementary school. Prerequisite(s): EDEE 4350D.

EDEE 5050D - Advanced Studies in Elementary School Science

3 3 hours. Modern curricula and techniques. The content, scope, philosophy and pedagogical strategies of several modern science curricula and their utilization in upgrading science instruction in the elementary school. Prerequisite(s): EDEE 4330D.

EDEE 5101D - Student Teaching in EC through Grade 6

3 3 hours. Certification program requires 6 hours total, to be taken simultaneously. Teaching under supervision. This course is designed for UNT teacher certification candidates in the post-baccalareate program. It includes supervision by university faculty and support from a school-based mentor teacher. Content includes supervised application of the Texas Pedagogy and Professional Responsibilities Standards. Requirements include classroom teaching under the leadership of the mentor or cooperating teacher and guidance of the supervisor. Research paper and a professional portfolio may also be required. Pass / No pass only. Prerequisite(s) : Admission to Teacher Education and approval of Field Experience Coordinator. Contact advisor.

EDEE 5102D - Student Teaching in EC through Grade 6

3 3 hours. Certification program requires 6 hours total, to be taken simultaneously. Teaching under supervision. This course is designed for UNT teacher certification candidates in the post-baccalareate program. It includes supervision by university faculty and support from a school-based mentor teacher. Content includes supervised application of the Texas Pedagogy and Professional Responsibilities Standards. Requirements include classroom teaching under the leadership of the mentor or cooperating teacher and guidance of the supervisor. Research paper and a professional portfolio may also be required. Pass / No pass only. Prerequisite(s) : Admission to Teacher Education and approval of Field Experience Coordinator. Contact advisor.

EDEE 5103D - Student Teaching in Grades 4-8

3 3 hours. Certification program requires 6 hours total, to be taken simultaneously. Teaching under supervision. This course is designed for UNT teacher certification candidates in the post-baccalareate program. It includes supervision by university faculty and support from a school-based mentor teacher. Content includes supervised application of the Texas Pedagogy and Professional Responsibilities Standards. Requirements include classroom teaching under the leadership of the mentor or cooperating teacher and guidance of the supervisor. Research paper and a professional portfolio may also be required. Pass / No pass only. Prerequisite(s) : Admission to Teacher Education and approval of Field Experience Coordinator. Contact advisor.

EDEE 5104D - Student Teaching in Grades 4-8

3 3 hours. Certification program requires 6 hours total, to be taken simultaneously. Teaching under supervision. This course is designed for UNT teacher certification candidates in the post-baccalaureate program. It includes supervision by university faculty and support from a school-based mentor teacher. Content includes supervised application of the Texas Pedagogy and Professional Responsibilities Standards. Requirements include classroom teaching under the leadership of the mentor or cooperating teacher and guidance of the supervisor. Research paper and a professional portfolio may also be required. Pass / No pass only. Prerequisite(s) : Admission to Teacher Education and approval of Field Experience Coordinator. Contact advisor.

EDEE 5850D - Instructional Methodologies in Language Arts and Social Studies

3 3 hours. Survey of subject-specific instructional methods and activities in language arts and social studies, along with connections to fine arts. Includes subject-specific assessments, subject-specific technology applications and the application of content area reading methods. Course is designed for post-baccalaureate teacher certification and M.Ed. in Teaching candidates only.

EDEE 5860D - Instructional Methodologies in Mathematics and Science

3 3 hours. Survey of subject-specific instructional methods and activities in mathematics and science, along with connections to fine arts. Includes subject-specific assessments, subject-specific technology applications and the application of content area reading methods. Course is designed for post-baccalaureate teacher certification and M.Ed. in Teaching candidates only.

EDEE 5900D - Special Problems

1-3 1-3 hours each. Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and approved in advance by the instructor. Open only to resident students.

EDEE 5910D - Special Problems

1 1-3 hours.

Engineering Technology - Undergraduate

ENGR 2060D - Professional Presentations

3 hours (2;3) Oral and written communication techniques to include conceptualization, design, development and delivery with special reference to engineering/science related technical material. Content will address speaker support materials including visuals, speaker note pages, interactive software and audience and handouts using industrial graphics computer software. Prerequisite(s): ENGL 1320 or ENGL 2700. Satisfies the Communication requirement of the University Core Curriculum.

ENGR 2900D - Special Problems

1-3 1-3 hours.

English - Undergraduate

ENGL 1310D - College Writing I

3 hours Writing as a means of ordering and shaping experience, information and ideas. Emphasis on perfecting texts through several drafts.

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

ENGL 2220D - Masterpieces of world literature since the Renaissance

3 hours **TCCNS Number:** -2333

Prerequisite(s): three semester hours of freshman-level English or equivalent credit. Satisfies the Humanities requirement of the University Core Curriculum.

ENGL 2341D - Forms of Literature

3 3 hours. Designed to introduce students to close readings of literature, including poetry, drama, fiction, and creative nonfiction. Students will learn and practice the skills of close reading, thorough discussion and analytical writing about literature. Satisfies the Language, Philosophy and Culture area of the university core curriculum. Prerequisite(s) : ENGL 1313D & 1323D.

ENGL 2500D - Introduction to Literary Analysis and Interpretation Skills

3 2500. Introduction to Literary Analysis and Interpretation Skills. 3 hours. Prepares prospective majors to understand literature and to articulate their understanding in essays supported by carefully analyzed evidence from assigned works. Covers basic critical vocabulary, the major literary genres (poetry, drama, fiction), and the conventions that govern these genres. Students learn to evaluate multiple interpretations of a text. Prerequisite(s): 6 hours of freshman composition.

ENGL 2900D - Special Problems

1-3 1-3 hours each.

ENGL 3100D - Introduction to Creative Writing

3 hours **TCCNS Number:** -2307

2100 (2307). Introduction to Creative Writing. 3 hours. Writings will include original works in each genre. Readings will cover a wide and diverse group of examples.

ENGL 3160D - Intermediate Creative Writing

3 hours 3160. Intermediate Creative Writing. 3 hours. Principles and practices in the writing of non-fiction.

ENGL 3430D - British Literature to 1780

3 3430. British Literature to 1780. 3 hours. In-depth study of traditional early British literature from the Anglo-Saxon through the Augustan period.

ENGL 3440D - British and Anglophone Literature 1780 to the Present

3 3440. British and Anglophone Literature 1780 to the Present. 3 hours. In-depth study of later British literature from the Romantic period to the present.

ENGL 3640D - Literature and Mental Illness

3 3 hours. Study of literary representations of mental illness. A multidisciplinary approach to critical intersections between literature and psychology, mental illness, and treatment. Prerequisite(s) : ENGL 1313D & 1323D.

ENGL 3830D - American Literature to 1870

3 hours 3 hours. In-depth study of traditional early American literature from the Colonial period through the Romantic period.

ENGL 3840D - American Literature 1870 to the Present

3 3840. Studies in American Literature 1870 to the Present. 3 hours. In-depth study of traditional American literature from the nineteenth, twentieth, and twenty-first centuries.

ENGL 3850D - The Literature of Texas and the Southwest

3 3 hours. Study of the poetry, prose and drama of Texas and the Southwest and their relation to the cultural history of the region.

ENGL 3912D - Topics in American Literature

3 3 hours. Consideration of genres, themes, movements, authors and their relationship to the cultural contexts of the age.

ENGL 3921D - African-American Literature

3 3 hours. Study of the cultural and historical specificity of African-American literature. Comparison of that literature to canonical texts and trends, or examination of that literature as a counter discourse to dominative theories.

ENGL 3922D - Chicano Literature

3 hours 3922. Chicano Literature. 3 hours. Study of the cultural and historical specificity of Mexican-American literature. Comparison of that literature to canonical texts and trends, or examination of that literature as a counter discourse to dominative theories.

ENGL 3923D - American Jewish Writers

3 3 hours. Study of the cultural and historical specificity of American Jewish literature. Comparison of that literature to canonical texts and trends, or examination of that literature as a counter discourse to dominative theories.

ENGL 4160D - Advanced Expository Writing

3 hours 4160. Advanced Expository Writing. 3 hours. Tutorial course in logical and rhetorical principles; practice in writing effective exposition; analyzing and criticizing models.

ENGL 4170D - Rhetorical History and Historiography

3 hours 3200. Rhetorical History and Historiography. 3 hours. Explores the construction of the rhetorical tradition through canonical texts and figures; questions alternatives to the received tradition.

ENGL 4400D - American Fiction

3 3 hours. Reading and analysis of American novels and short stories by Hawthorne, Melville, Twain, James, Faulkner, Hemingway, Welty and others.

ENGL 4470D - British Drama

3 3 hours. May be offered as a survey from the origins into the 20th century or as a study of any of the major periods in the survey: medieval, Renaissance, Restoration and modern. May be repeated for credit as topics vary.

ENGL 4480D - American Drama

3 3 hours. Offered as a historical survey of American drama or as a study of major authors and schools. Authors may include O'Neill, Miller, Williams, Hansberry, Albee. May be repeated for credit as topics vary

ENGL 4500D - British Fiction

3 3 hours. Reading and analysis of British novels and short stories by Defoe, Austen, Fielding, Dickens, Lawrence, Burgess, Hardy and others.

ENGL 4650D - Literature and the Environment

3 hours 4650. Literature and the Environment. 3 hours. Explores a variety of philosophical, aesthetic, and cultural traditions of representing the natural world and its relation to human societies. In addition to literature, readings may extend into natural science, environmental philosophy, cultural criticism, and artistic theory. Prerequisite(s) : Upper-division standing.

ENGL 4700D - Methods of Teaching Language Arts in the Secondary Grades

3 4700. Methods of Teaching Language Arts in the Secondary Grades. 3 hours. Strategies for teaching writing and literature effectively in secondary language arts programs. Emphasis on a variety of techniques. Must be taken during the last two terms / semesters of course work before student teaching.

ENGL 4760D - Specialized Expository Writing

3 hours 4760. Specialized Expository Writing. 3 hours. The application of rhetorical, analytical and organizational principles to the writing of expository prose in specialized areas of study.

Finance - Undergraduate

FINA 2900D - Special Problems

1.0-3.0 Special Problems. 1-3 hours.

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

FINA 4200D - Investments

3 hours First course for the individual investor. Idea of investment value; necessary prerequisites for an investment program; policies; economic and industry factors; introduction to security analysis and valuation; operation of security markets; security laws. Prerequisite(s): FINA 3770D and ACCT 2020D and ACCT 2030 or equivalent with grades of C or better.

FINA 4210D - Introduction to Derivatives

3 hours Review of markets; determinants of interest rates and bond prices; forecasting of stock prices, including technical, psychological, cyclical and monetary indicators; trading strategy and tactics; market imperfections; options; futures markets; portfolio theory; and other relevant topics. Prerequisite(s): FINA 4200D with a grade of C or better or consent of department.

FINA 4300D - Liquidity and Working Capital Management

3 hours Analyzing issues related to corporate liquidity problems and solutions related to the management of short-term assets and liabilities. Prerequisite(s): FINA 3770D with a grade of C or better.

FINA 4310D - Valuation and Financial Decisions

3 hours This course develops a conceptual valuation framework for investment, capital structure and dividend decisions. Each is examined for its impact on the risk return characteristics of the firm. In addition, long-term financing decisions are discussed. Prerequisite(s): FINA 3770D with a grade of C or better.

FINA 4400D - Financial Markets and Institutions

3 hours Studies in the operations, mechanics and structure of the U.S. financial system. Topics include commercial banking, non-bank financial institutions, money and capital markets, the impact of monetary policy on financial institutions and markets, and an introduction to the international financial system. Prerequisite(s): FINA 3770D with a grade of C or better.

FINA 4410D - Advanced Topics in Financial Institutions and Markets

3 hours May include topics such as application of the theory of finance to the management of financial institutions, analysis of fixed income securities including valuation of embedded options, study of international financial markets, or other topics selected by the instructor. Prerequisite(s): FINA 4400D (may be taken concurrently).

FINA 4500D - International Finance

3 hours International and regional financial institutions and arrangements; balance of payments, theory, adjustments and impact on world trade; role of commercial and central banks in financing international flow; financing exports and imports; the instruments and markets of foreign exchange; determination of exchange rates. Prerequisite(s): FINA 3770D with a grade of C or better.

FINA 4800D - Internship

3 hours Supervised work in a job relative to student's career objective. Prerequisite(s): student must meet the employer's requirements and have consent of the department chair. Pass/no pass only.

FINA 4900D - Special Problems

1-3 hours

Finance - Graduate

FINA 5040D - Introduction to Finance and Financial Mathematics

1.5 hours Provides an understanding of finance terms, procedures and concepts used by managers in making financial decisions. Basic concepts and techniques of finance; the role of financial markets and institutions, interest rates, inflation, and yield curve determinants; analysis and interpretation of financial statements and ratios; financial mathematics to understand the time value of money; and bond and stock valuation models. This course meets the deficiency requirement of finance for MBA candidates and may be counted as part of a graduate program in a field other than business administration. Prerequisite(s): ECON 5000D or equivalent, MATH 1190D or equivalent, or consent of department.

FINA 5170D - Financial Management

3 hours Tools and techniques used and proposed in corporate financial management. Analysis of the investment and financing decisions and the environment in which such decisions are made are covered in readings, case problems and class discussion. Prerequisite(s): ACCT 5020D, FINA 5040D, ECON 5000D, MATH 1190D, BCIS 5090D, DSCI 5010, or equivalent. Students with 15 credit hours of approved undergraduate finance courses may elect to substitute another 5000-level course for this course subject to the approval of the FIREL Department masters advisor.

FINA 5650D - Contemporary Issues in Finance

3 hours Current topics as selected by the instructor. May include cases and/or lecture format. Prerequisite(s): consent of instructor. May be repeated for credit.

Fire Safety - Undergraduate

FIRE 3300D - Community Risk Reduction for Fire and Emergency Services

3 3 hours. Theoretical examination and practical application of community risk reduction. This course places a special emphasis on understanding ethical, sociological, political, and legal components of community risk reduction, and methodology for development and implementation of comprehensive risk reduction plans.

FIRE 3400D - Legal Foundations for Fire Protection

3 3 hours. The examination of the legal aspects of fire service within the American court system with a primary emphasis on political and social implications of legal issues. This course includes a review of the legal system and coverage of employment, personal, administrative, operational, and code of service with regard to fire service.

FIRE 3700D - Fire Prevention Organization and Management

3 3 hours. The examination of the factors that shape fire risk and the tools for fire prevention, including risk reduction education, fire investigation, research, master planning and various types of influences and strategies. A primary focus is placed on fire codes and standards and inspection and plans review.

FIRE 4400D - Fire and Emergency Services Administration

3 3 hours. The study of principles and practices of administration and their application to fire and emergency service departments. A central focus is on leadership of a fire and emergency service department and the development of internal and external partnerships. A special emphasis is placed on the challenges and application of contemporary emergency administration.

Geography - Undergraduate

GEOG 1170D - Culture, Environment and Society

3 3 hours. Exploration of the dynamic relations between culture and environment addressing ethnic diversity and conflict, development and underdevelopment, settlement patterns, movement of commodities and people (including refugees), and environmental degradation.

GEOG 1200D - World Regional Geography

3 **TCCNS Number:** 1303

1200 (1303). World Regional Geography. 3 hours. Geographical characteristics, major problems and role of major world regions; emphasis on Central and South America, Africa, Middle East and Asia.

GEOG 1710D - Earth Science

3 hours **TCCNS Number:** -1401

(3;2) Principles and processes of physical geography. Introduction to mapping, weather and climate, soil and

vegetation, and landforms of rivers, coasts and deserts. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

GEOG 2110D - Foundations of Geographic Research

3 2110. Foundations of Geographic Research. 3 hours. Introduction to research for entry-level geography majors. Journal articles are examined in detail with reference to exploring research design and implementation. Students also develop an area of research interest, choose a specific topic, and formulate research questions from which hypotheses are developed. Culminates in the development of a research plan and prospectus for a topical research question. For Geography majors only.

GEOG 2900D - Special Problems

1-3 1-3 hours. Individual readings and laboratory research projects in geology, earth and regional sciences.

GEOG 3190D - Statistical Research Methods in Geography

3 3190. Statistical Research Methods in Geography. 3 hours. Application of statistical techniques and mathematical models to spatial analysis, including both point and areal patterns. Examples drawn from both earth and regional science. Prerequisite(s) : MATH 1680D and GEOG 2110D , or consent of department.

GEOG 4050D - Cartography and Graphics

3 3050. Cartography and Graphics. 3 hours. (1;2) Construction and interpretation of topographic maps; thematic mapping of geographically referenced data; field mapping and surveying techniques; introduction to global positioning systems and computer cartography.

GEOG 4060D - Applied GIS: Map Info Professional

3 4060. Applied GIS: Map Info Professional. 3 hours. (1;2) An introduction to conceptual and practical aspects of geographic information systems. Emphasis on applications, using soci-demographic and business examples. Topics include: importing and mapping census data, creating and editing map attribute databases, geocoding, buffering, aggregating data, thematic maps and applications.

GEOG 4500D - Introduction to Geographic Information Systems

3 3500. Introduction to Geographic Information Systems. 3 hours. (1;2) Introduces the concepts and applications of computer-based spatial data handling, known as geographic information systems (GIS) technology. Illustrates the essential methods of GIS and its applications in fields including geography, business, administration, planning and environmental science. Students gain application skills via a series of practical exercises illustrating problem solving strategies using up-to-date software packages.

GEOG 4520D - Intermediate Geographic Information Systems

3 4520. Intermediate Geographic Information Systems. 3 hours (1;2) Step-by-step approach to spatial data integration and analysis, and cartographic presentation. Topics include data models and structures, map algebra, surface analysis, three-dimensional rendering, network analysis, sharing and distributing maps, and design and implementation of a GIS project in an area pertinent to the student's interests. Prerequisite(s): GEOG 2110 and GEOG 3500 (with a grade of C or better), or consent of department.

GEOG 4550D - Advanced Geographic Information Systems

3 4550. Advanced Geographic Information Systems. 3 hours (1;2). Advanced spatial analysis through the use of specialized software and the design and development of spatial databases and applications. The course includes project planning, database development, data manipulation and analysis, model building, internet mapping, and other advanced topics in spatial analysis. Students gain advanced application skills through laboratory exercises and implementation of a GIS project in an area pertinent to the student's interests. Prerequisite(s): GEOG 2110, GEOG 3190 and GEOG 4520 (with a grade of C or better), or consent of department.

GEOG 4560D - Introduction to GIS Programming

3 4560. Introduction to GIS Programming. 3 hours (1;2). Modern GIS embraces the concept of open systems, which means GIS software can be customized to fit specific requirements of individual implementation environments. To meet the high demand of this kind, this course introduces basic concepts and skills of object-oriented programming and GIS customization. Students gain programming skills in accessing maps, data layers, features, and geometric objects through laboratory exercises. Prerequisite(s): GEOG 3500 or consent of department.

GEOG 4570D - Special Topics in GIS

3 4570. Special Topics in GIS. 3 hours (2;1). Current topics and techniques in Geographic Information Systems to complement core coursework. Examples include multiuser geospatial data management, web-based map delivery, GIS programming, spatial statistics, applications for specific careers fields, and other topics. Course content reflects recent trends in GIS research and the job market. Topics vary by semester. May be repeated for credit. Prerequisite(s) : Consent of department.

GEOG 4580D - GIS in Health

3 4580. GIS In Health. 3 hours. Spatial analysis, geographic information system (GIS) and computational methods for public health applications including disease mapping, disease clustering and exposure modeling. Location-allocation methods for measuring access to health care services will also be discussed. Prerequisite(s) : GEOG 2110D and GEOG 3190D , or consent of department.

Geology - Undergraduate

GEOL 1610D - Introductory Physical Geology

3 3 hours. (3;2) A systematic introduction to geology; internal and external processes that contribute to the earth's rock record; includes consideration of minerals, the earth's interior, volcanoes, mountain building, and terrestrial and oceanic sedimentation.

Health Promotion - Undergraduate

HLTH 1100D - School and Community Health Problems and Services

3 hours Health services offered by the school and community, the role of the health educator to benefit the health of every individual in society; health problems and solutions to improve community health. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

HLTH 1570D - Environmental Health and Safety

3 hours 1570. Environmental Health and Safety. 3 hours. Role and function of the health educator in maintaining a safe, healthy environment; safety procedures in the school and community; psychology of accident prevention. Environmental pollution problems and methods of control.

HLTH 1900D - Principles of Health

3 Course introduces principles of health promotion and effective strategies used with individuals and communities. In addition, the course provides an overview of behavior modification, communications, epidemiology, mental health, program planning, and program evaluation as it relates to the promotion of one's health. Students are introduced to the skills and knowledge required to become a successful professional in health promotion.

HLTH 2100D - Mental Health

3 hours 2100. Mental Health. 3 hours. Theory and principles of positive mental health; development of a good self concept and self-actualization techniques; methods presented are suitable in promoting positive mental health by educators.

HLTH 2200D - Family Life and Human Sexuality

3 3 hours. Emphasizes issues related to sexual health from historical, physiological, psychological, social and cross-cultural perspectives. Incorporates a multicultural, multiethnic perspective on human sexuality, reflecting the diversity of sexual experiences in our society and world.

HLTH 2900D - Special Problems

1-3 1-3 hours each. Individual study designed in consultation with instructor. Prerequisite(s): consent of department. .
1-3 hours each. Individual study designed in consultation with instructor. Prerequisite(s): consent of department.

HLTH 3300D - Health Emergencies and First Aid

3 3 hours. Theory and practical application of the American National Red Cross Standard First Aid and Personal Safety skills. Cardiopulmonary resuscitation (CPR) techniques and skill development. Designed to meet the requirements set by the American National Red Cross for certification in Standard First Aid and CPR.

HLTH 4100D - Epidemiology of Communicable and Non-Communicable Disease

3 hours 4100. Epidemiology of Communicable and Non-Communicable Disease. 3 hours. Study of the nature, prevention, control and treatment of communicable, chronic, degenerative and idiopathic human disease; an analysis of the principles related to the causality of disease and the role of the public health practitioner in understanding epidemiologic research.

HLTH 4120D - Health Promotion: Development and Application of Presentation Skills

3 hours 4120. Health Promotion: Development and Application of Presentation Skills. 3 hours. The principles, techniques and practical application of health communication and presentation skills. A synthesis of motivational techniques, analysis and practical application in the effective delivery of health information and knowledge for a variety of settings.

HLTH 4130D - Planning, Administration and Evaluation of Health Programs

3 hours 4130. Planning, Administration and Evaluation of Health Programs. 3 hours. Needs assessment and program planning, implementation and evaluation of health programs in various settings.

HLTH 4150D - Drugs and Human Health

3 hours 4150. Drugs and Human Health. 3 hours. Outlines the pharmacological implications of drug use in human health. Nature of drug actions, motivational factors that influence the use of drugs and evaluation of procedures to provide effective drug information to various segments of society. Course suitable for teachers and counselors.

HLTH 4251D - Consumer Health Advocacy

3 hours 4251. Consumer Health Advocacy. 3 hours. An analysis and appraisal of issues related to the production and distribution of products and services as they affect consumer health. The role of the health educator as a consumer advocate is explored.

HLTH 4350D - Environmental Community Health

3 hours 4350. Environmental Community Health. 3 hours. The nature and complexity of environmental health issues including specific health problems associated with environmental health. The role of the health educator in an environmental health program.

HLTH 4400D - Health Promotion Skills and Competencies

3 hours 4400. Health Promotion Skills and Competencies. 3 hours. Foundational content (history and philosophy), knowledge-base and skills development related to roles and responsibilities of the health educator in developing school- and community-based health promotion programs. Preparation for the Certified Health Education Specialist examination is provided.

HLTH 4900D - Special Problems

3 hours 4900. Special Problems. 1-3 hours each.

Higher Education - Graduate

EDHE 5120D - Student Development Programming Administration

3 hours Principles and techniques of creating, analyzing and administering student development programming to meet the needs of heterogeneous college student groups in the areas of academic, social, community and personal development in higher education. Applications to both senior and community college institutions. Prerequisite(s): EDHE 5110.

History - Undergraduate

HIST 1050D - World History to the Sixteenth Century

3 **TCCNS Number:** 2321

1050 (2321). World History to the Sixteenth Century. 3 hours. From the origins of civilization to the 16th century. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

HIST 1060D - World History from the Sixteenth Century

3 **TCCNS Number:** 2322

1060 (2322). World History from the Sixteenth Century. 3 hours. World civilization from 1500 to the present. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

HIST 2900D - Special Problems

1-3 1-3 hours each. Prerequisite(s): consent of department chair.

HIST 3150D - Historical and Cultural Development of the Mexican-American Community

3 hours 3150. Historical and Cultural Development of the Mexican-American Community. 3 hours. Historical evolution of Mexican-American culture, social structure, family patterns and community organizations, and their effects on education, economic and religious institutions.

HIST 3310D - The Diverse History of Dallas Leadership

3 3 hours. This course covers the history of Dallas by examining the historical, social, cultural, economic, and political institutions and processes in various periods. It is designed to introduce students to the Dallas population diversities, as well as the diversities of intellectual viewpoints about Dallas. A brief historical examination will introduce the main focus of the course, Dallas leadership during the 1970s and will explore how local decision making evolved to include public, private, and community leadership. Guest speakers and field trips will complement class sessions.

HIST 3320D - Research Methods for Professional and Public Historians

3 3 hours. This class is designed to give students and interested individuals valuable research skills in public history. Students will learn to use scholarly electronic search engines, oral histories, archives, and government records.

HIST 3330D - History of American Indians Pre-Columbian to Present

3 3 hours. This course surveys the history of American Indians in North America from pre-Columbian times to the present. Primary goals are to make students aware of the longevity and continuity of human history in North America, to explore how Native peoples have shaped North American history, as well as the Native American perspective.

Classes consist of lectures, assigned readings and discussions of primary source documents and readings. Students will examine American Indian culture through photographs, maps, works of art and films. Prerequisite(s) : History Core.

HIST 3340D - African American History, 1619 to Present

3 3 hours. This class will explore the economic, political, and social contributions of African Americans from 1619 to the present day. Major focusses include important events, people, and trends as well as the antebellum slavery experience, the Reconstruction era, and Jim Crow marginalization. Prerequisite(s) : History Core

HIST 4020D - History of Science and Technology Since Newton

3 4020. History of Science and Technology Since Newton. 3 hours. Science and technology from Newton to the present emphasizing the presuppositions of scientific inquiry, the relationship between science and technology, and their impact on society.

HIST 4030D - Diversity and Decision Making in Dallas

3 3 hours. This course completes the Dallas Studies program. It focuses on decision making processes in the city as well as the roles of diverse communities including African Americans, Latinos, Asians and women in that process. It will explore local decision making at the public, private, and community levels. Guest speakers and field trips will complement class sessions. The culmination of the course will be a presentation by students about their experiences and research while in the Dallas Studies program. Prerequisite(s) : Completion of all other Dallas Studies required courses.

HIST 4150D - Mexican Immigration and the Chicano Community

3 hours 4150. Mexican Immigration and the Chicano Community. 3 hours. Introduction to the history of Mexican immigration in the United States, focusing on the dynamic effects immigration has had throughout the 19th and 20th centuries on the formation of the Chicano community. Utilizes lectures, discussion of the readings, films, and speakers to emphasize a variety of themes including labor, politics, nativism, citizenship, demography, gender and culture. Prerequisite(s): HIST 3150 recommended

HIST 4155D - Mexican American Autobiography

3 3 hours. Surveys Mexican American autobiographies since the 19th century but emphasizes contemporary works. Themes touching on the economic, political, social, cultural, and gender spheres of life will be examined. The literature covered will be considered within the context of the broader history of Mexican Americans in the 20th century and continuing to the present period.

HIST 4160D - Chicano Political History: 19th and 20th Century

3 hours 4160. Chicano Political History: 19th and 20th Century. 3 hours. Surveys the history of Chicano politics in the U.S. since 1821. Briefly examines antecedents in the colonial era. Comparing the Chicano political experience before and after American sovereignty, the course assesses the continuity of the Chicano political tradition. Emphasizes reading and discussing new literature in the field. Prerequisite(s): HIST 3150 is recommended

HIST 4171D - Latin America : The Colonial Experience, 1492-1821

3 hours 4171. Latin America : The Colonial Experience, 1492-1821. 3 hours. Surveys the history of Latin America from pre-contact civilization and the arrival of European explorers to the Wars of Independence. Analyzes the

strategies and logic of conquest; the material, psychological and environmental effects deriving from the expansion of empire; the issues of slavery, labor systems, religion and honor, and the movement towards independence.

HIST 4172D - Modern Latin America : 1810-present

3 hours 4172. Modern Latin America : 1810-present. 3 hours. Surveys the history of Latin America from Independence to the present. Analyzes the formation of new states; the conflict between federalist and centralist groups; the role of caudillos in regional politics; the rise and crisis of export economies; international relations and the Cold War; US involvement in Latin American affairs; the Mexican and Cuban Revolutions; military governments and security structures; and current events in the region.

HIST 4180D - Colonial Mexico and the Spanish Southwest

3 hours 4180. Colonial Mexico and the Spanish Southwest. 3 hours. Conquest and expansion of the Spanish in North America.

HIST 4190D - Mexico, 1810-Present

3 hours 4190. Mexico, 1810-Present. 3 hours. Social, economic and political history since independence.

HIST 4420D - United States Constitutional Development, 1783-Present

3 3 hours. The Articles of Confederation, the Constitution, role of the Supreme Court and changing nature of constitutional doctrines.

HIST 4490D - The American Revolution, 1763-1789

3 3 hours. The founding of the United States.

HIST 4700D - Texas

3 hours Development of Texas from its frontier beginnings to an urban state.

Hospitality Management - Undergraduate

HMGT 1010D - Introduction to Hospitality Management

3 3 hours. This course is designed to build an understanding of the hospitality industry through an examination of the segments of the industry and appraisals of the management skills that future managers need in order to succeed. The student will also gain an insight into the development of the industry through lectures, popular trade magazines, guest speakers, field trips, and experiential learning.

HMGT 1030D - Hospitality Safety and Sanitation

3 3 hours. This course provides students seeking to enter the food service industry with basic sanitation principles, which include understanding personal hygiene, sanitizing of eating and drinking utensils, food bacteriology, emergency pathogens, prevention of illnesses, accident prevention, employee training and sanitary and safe food service operation. Students will also learn how to design a responsible alcohol program in a foodservice organization, focusing on

customer safety, issues of reasonable care, policies and procedures, legal and regulatory codes, and knowledge of alcohol's impact on the body.

HMG 2050D - Food and Beverage Management

3 3 hours. This course is designed to move the students through the various management steps involved in food service. Food production issues are studied from a managerial point of view. Standards in food production and beverage service are a focal point of the course. This course is designed to build the skills necessary to operate a successful and profitable food service operation.

HMG 3040D - Practicum in Hospitality Management

3 3 hours. The HMG practicum is designed to provide the student supervised, on-the-job training of operations management and organizational behavior offered through an approved agency. A contact between the university, student, and employer provides the beginning groundwork. Students will recognize the professions demand challenges requirements and opportunities prior to graduation. (Faculty Approval, sophomore status required.) Prerequisite(s) : Introduction to Hospitality Management and a 2000 or 3000 level course in the course sequence.

HMG 3050D - Hotel Management Operations

3 3 hours. This course covers the study of broad-based hotel and motel operations, reviewing development, pre-opening, marketing, departmental operations and organizational structure. The course includes work in training, staffing, work improvement techniques, motivating, organizing, planning, and scheduling. Prerequisite(s) : Introduction to Hospitality Management (HMG 1010D)

HMG 4120D - Special Events and Meeting Planning

3 3 hours. This course will provide students with basic understanding of the management process as it relates to the planning and operations of special events and meetings. This course is designed to develop skills, strategies, knowledge, and understanding of meeting and event planning.

HMG 4150D - Current Issues in Hospitality Industry

3 3 hours. This course will explore the dynamics and implications of current societal and professional issues and changes in the delivery of hospitality services. The course will examine current trends that impact the profession and help students understand the relevance of these trends in their own professional development. Prerequisite(s) : Senior status.

Human Service Management and Leadership - Undergraduate

HSML 3000D - Human Service in the Nonprofit Sector

3 hours The foundation course for students interested in a career in one of the human service professions. Examination of the philosophy, values, roles and responsibilities of human services and human service workers in today's society. Examination of personal needs, interests, and potential strengths as a professional human service worker.

HSML 3100D - Professional Interpersonal Skills

3 3 hours. The course will focus on the knowledge, skills and attitudes necessary for the application of interpersonal communication and other communication skills including exploration, mutual understanding and taking action in addressing human problem situations. Special emphasis is placed on developing skills of attending, listening and responding in ways that allow the student to engage in a productive helping relationship. Emphasis is also placed on applying effective communication skills in their collaboration with other human service professionals.

HSML 3600D - Human Behavior I: Micro

3 3 hours. The intent of this course to provide knowledge on multi-dimensional development of individuals and the range of social systems in which individuals live. In this class students will explore the study of human behavior by looking across the life course, and incorporating theories of human interaction as a framework for practice decisions. Material presented focuses most specifically on the human life course as it is impacted by multi-dimensional factors. Investigation of developmental theories gives students diverse viewpoints which can help identify leverage points for change. As the semester progresses, students become more adept at recognizing "theory in life and life in theory" in order to make well-reasoned practice decisions. Prerequisite(s) : Must complete HSML 3000D

HSML 3700D - Case Management in Human Services

3 3 hours. Case management is an important function of human service providers in both the private and public sectors. The purpose of this course is to prepare students for the demands of case management practice in multiple rehabilitation, healthcare, and business settings. Students will gain both the grounding in theory essential to assist them in conceptualizing cases, and the skills necessary to provide quality services to consumers in professional settings. Students will participate in the exploration of case management procedures to identify and evaluate clients' strengths, weaknesses, problems and needs in order to develop an effective plan of action.

HSML 3850D - Behavioral Addictions

3 3 hours. This course is an examination the biological, psychological, and social aspects of alcoholism, eating disorders, compulsive gambling, and other addictions. Student will learn about the experience of addiction and the importance of reducing harm within the biopsychological framework as both a goal and a process. Aspects of social justice are also explored.

HSML 4000D - Introduction to Financial Management for Nonprofit Organizations

3 hours This course is designed to introduce students to the fiscal disciplines of nonprofit organizations. Students will learn basic skills in accounting principles, analyzing financial information, reporting requirements, cash management, and capital budgeting. Prerequisite(s): Student may not take this course concurrently with HSML 3000D .

HSML 4100D - Chemical Addictions

3 3 hours. This course provides an overview of causes and consequences of chemical addictions as they related to the impact on the individual, family, community and society. Human Service students attain knowledge of the psychological, physiological, and sociological effects of mood altering substances and subsequent challenges. Emphasis is placed on pharmacological effects of tolerance, dependency/withdrawal, cross addiction, and drug interactions. Prerequisite(s) : Students should complete 3000-level courses before enrolling in 4000-level courses May take concurrently with HSML 4125.

HSML 4120D - Theoretical Approaches to Addiction Treatment

3 3 hours. This course prepares students for the realities of working with clients affected by addictions. Identifying major theories relevant to substance abuse assessment and treatment; defining and explaining techniques relevant to the

major theories, students gain the necessary tools needed to competently translate addictions theory into practice. Prerequisite(s) : Must complete HSML 3100D. May take this course concurrently with HSML 4100D.

HSML 4150D - Group Processes in Human Services

3 3 hours. This course is designed to explore the concepts of group dynamics, group culture, the change process and stages of development. Students will be given the opportunity to practice leadership skills needed to facilitate effective group work in various settings. Students will also learn about the application of group processes and techniques to chemical dependency treatment, issues relevant to at-risk youth, as well as families in crisis. Prerequisite(s) : Students should complete 3000-level courses before enrolling in 4000-level courses. HSML majors must complete HSML 3600D and HSML 3700D.

HSML 4200D - Grant Proposal Research and Writing

3 3 hours. This course focuses on the process of writing grants in human services. Students will explore and analyze the various components of a grant, the process of developing and writing grant proposals, how to develop a unified proposal, and research techniques in finding different types of grant funding sources. Prerequisite(s) : Students must complete HSML 3000D and HSML 4350D prior to taking this course.

HSML 4300D - Volunteer Development and Management

3 3 hours. This course is designed to address the issue of managing volunteers in nonprofit organizations. This course will provide students with an understanding of planning for, facilitating, and creating an organizational culture favorable to volunteer recruitment, training and retention as well as how to work collaboratively in building projects that engage volunteers in meaningful, goal directed work that correlates with the organization's mission and goals. Prerequisite(s) : Students must complete HSML 3000D

HSML 4350D - Community Organizaing, Development and Collaboration

3 3 hours. This course explores strategies for community organizing, development and collaboration. Students will learn how to create change in communities by collaboratively building democratic organizations and mobilizing resources for social change. Prerequisite(s) : Students must complete HSML 3000D prior to taking this course.

HSML 4400D - Leadership in the Nonprofit Sector

3 3 hours. Overview organizational leadership theory and practice for volunteer managers and community leaders. Students examine and develop a range of skills in a number of interpersonal areas : group dynamics, decision-making, managing differences, and leadership and influence as they pertain to primarily nonprofit organizations and their ability to lead a volunteer workforce. Students who have received credit for this course as an undergraduate may not retake it for graduate credit.

HSML 4500D - Diversity and Social Justice in Human Services

3 3 hours. This course explores cultural, social and psychological differences and similarities among various groups. The dynamics of oppression and the relationship of social justice considerations to the profession for human service practice are examined. This course promotes culturally competent practice for the helping professional. The purpose of this course is to increase human service workers commitment to work towards a nonracist, multi-cultural and egalitarian society. Concepts focused on in this course will include but are not limited to sociopolitical processes, intrapersonal processes, and socio-cultural processes. The implications of these processes for practice in helping professions are discussed. Prerequisite(s) : Students should complete 3000-level courses before enrolling in 4000-level courses.

HSML 4525D - Problems of Youth: Prevention and Intervention

3 3 hours. This course examines the particular problems of youth and their implications for social service workers delivering services to this population. Topics include youth serving in social institutions of both a preventative and rehabilitative nature and issues related to alcohol, tobacco, and other drugs and their effects.

HSML 4600D - Human Behavior II: Macro

3 3 hours. This course explores the interchange between individuals and their social environment. An examination of the role of family, groups, local and global communities in shaping beliefs and attitudes toward social problems for individuals and groups. This foundational knowledge promotes attentiveness to society as an integration of public, private and charitable behaviors and structures---all necessary to prepare an active and engaged community. This course considers human behavior from an empowerment-based perspective evaluating strengths and deficits based on theoretical concepts. Prerequisite(s) : Must complete HB I and HSML 3000D and HSML 4500D.

HSML 4620D - Topics in Human Services

3 hours This course is the study of various topics in Human Services and issues of concern for non-profit managers. Prerequisite(s) : Consent of department.

HSML 4650D - Assessment of Behavioral and Chemical Addictions

3 3 hours. This course examines substance use and abuse. Its goals are to explore how society causes an increased use of substances; and to analyze systems designed to offer prevention and treatment. Special emphasis is placed on various theoretical models and concepts of addictions, and assessment techniques currently used in substance abuse/addiction treatment of adolescents. Guidelines for screening and assessing teens for alcohol abuse and drug abuse problems are discussed as well as assessment for referral and treatment; confidentiality laws; and screening and assessment in juvenile justice settings. Prerequisite(s) : Must complete HSML 3100D. May take This course concurrently with HSML 4100D.

HSML 4660D - Intervention Strategies for Behavioral and Chemical Addictions

3 3 hours. This course is an examination of prevention and intervention strategies with individuals who are overcoming substance use and abuse. Major theories in prevention and intervention are discussed. This course will also examine the role of mental status, special populations, multicultural and diversity issues in prevention and intervention. Prerequisite(s) : Must complete HSML 4125 before taking this class. May take concurrently with HSML 4650D.

HSML 4700D - Program Planning and Evaluation

3 hours Provides students with basic skills in conceptualizing, designing and planning human service-related programs for and within nonprofit agencies. Program evaluation with emphasis performance outcomes and utilizing assessment results to strengthen program operation is emphasized. Prerequisite(s): Students should complete 3000-level courses before enrolling in 4000-level courses.

HSML 4750D - Capstone Course

3 hours Course is designed to crystallize the competencies covered in the HSML degree program and promote critical thinking and effective writing on those topics. Format includes exchange between students and nonprofit professionals on leadership and management issues to : expand individual competencies, build leadership confidence, and affirm learning acquired during the program. Serves as a final preparation for internship / employment in a non-profit

agency. Prerequisite(s) : Students must complete HSML major core courses and obtain the permission of the HSML Program Coordinator.

HSML 4850D - Human Service Internship

3 hours Supervised work in a community agency that is directly related to the student's career and specialization interests. Designed to integrate theory and practice in human services and prepare students for practical application of skills, knowledge and philosophy in a supervised setting. Students must meet individual employers' requirements and obtain consent of Human Service program director. Prerequisite(s): Students must complete HSML major core courses and obtain the permission of the HSML Program Coordinator after submitting the Internship Application.

HSML 4851D - Human Services Internship II

3 3 hours. Provides experience in a supervised non-profit organization setting aimed at the integration of theory and practice and skills relevant to career development and enhancing employability skills in a human services setting. Requires completion of a minimum of 150 clock hours within the practicum setting plus attendance at weekly integrative seminars. Prerequisite(s) : Students must complete 18 hours of human services course work and HSML Internship I.

HSML 4900D - Special Problems

1-3 hours Special problems may be repeated for credit. Prerequisite(s) : HSML major status ; consent of instructor.

Kinesiology - Undergraduate

KINE 2900D - SPECIAL PROBLEMS

1-3 1-3 hours each. Individual study designed in consultation with instructor. Prerequisite(s): consent of department.

KINE 3550D - Movement Framework Approach

3 hours (2;1) Development of the concept of themes and the movement framework approach in exploring movement potential.

KINE 4500D - Movement Tasks in Games, Sports and Rhythmic Activities.

3 hours (2;1) Construction of movement tasks and progressions in rhythms and game skill activities.

Language - Undergraduate

LANG 2040D - Intermediate Language

3 hours Grammar, composition, oral-aural practice and readings. Prerequisite(s): foreign language course 1020 in same language, or equivalent.

LANG 2050D - Intermediate Language

3 hours Grammar, composition, oral-aural practice and readings. Prerequisite(s): foreign language course 2040 in same language, or equivalent.

LANG 2900D - Special Problems

1-4 1-4 hours.

Learning Technologies - Undergraduate

LTEC 1100D - Computer Applications

3 hours Introduction to computer usage. Integrated approach to software tools such as word processing, data-base management, spreadsheet, communications and graphics applications.

LTEC 2900D - Special Problems

1-3 1-3 hours.

LTEC 3220D - Computer Graphics in Education and Training

3 hours 3220. Computer Graphics in Education and Training. 3 hours. Application of computer graphics to the preparation of multimedia and web-based materials. Includes principles of graphics communication, concepts in computer graphics, graphics input systems, graphics manipulation software, and graphics output systems. Prerequisite(s): LTEC 1100.

LTEC 3260D - Web Authoring

3 hours 3260. Web Authoring. 3 hours. Creation of web-based materials incorporating text, graphics, and multimedia elements. Emphasis on use of standards-based technologies for creating content for web-based delivery. Prerequisite(s): LTEC 3220.

LTEC 4100D - Computers in the Classroom

3 hours Computers in education; computer topics covered in introductory and secondary school courses. Motivation and objectives in computer education; some programming language. Instructional uses of the computer, topics in curriculum integration. Prerequisite(s): LTEC 1100D.

LTEC 4121D - Technical Presentation Skills

3 hours 4121. Technical Presentation Skills. 3 hours. Emphasis on technical presentation skills and electronic presentation media commonly utilized in training and development. Topics such as developing an audience profile, arranging facilities, topic introduction techniques, questioning, and summary strategies will be addressed.

LTEC 4440D - Advanced Instructional Strategies

3 hours Emphasis on advanced instructional techniques; including questioning, discussion, problem-solving, motivation, and instructional development used in applied technology and industrial training setting. Prerequisite(s): LTEC 4120.

LTEC 4510D - Communications in Business, Education and Industry

3 hours 4510. Communications in Business, Education and Industry. 3 hours. Important factors in succeeding on the job. Emphasis is placed on communication, strategies for conducting meetings and seminars, conflict management, developing and arranging agendas, itineraries, minutes and business reports, designing and using business graphics, and job-getting communication.

Linguistics - Undergraduate

LING 2050D - The Language of Now : Pop Culture, Technology, and Society

3 2050. Explores the relationship between pop culture, technology, and language change. Examines the linguistic significance of new technologies such as texting, gaming, IM, and social networking.

LING 2900D - Special Problems

1-3 1-3 hours.

LING 3060D - Principles of Language Study

3 hours An introductory linguistics course that focuses on the structure of English (phonology, morphology and syntax). The course includes language acquisition and development, the history of English, dialects of American English and problems of usage.

LING 4020D - Structure of Modern English

3 4020. Structure of Modern English. 3 hours. Modern English grammars, morphology and syntax; principles of analysis and various theories of English structure; relationship between linguistic structure, rhetorical pattern and literary style. Prerequisite(s): LING 3060 or equivalent.

LING 4030D - Acquisition of English as a Second Language

3 hours Study of language acquisition, development, production and comprehension focusing on the application of current research findings to the context of learning and teaching English as a second language. Prerequisite(s): ENGL 3060 or consent of department.

LING 4040D - Phonetics and Phonology : The Sound Patterns of Language

3 4040. Phonetics and Phonology : The Sound Patterns of Language. 3 hours. Explores two fundamental aspects of the sounds used in human language : phonetics and phonology. Analyzes the sounds of English and other languages spoken around the world. Prerequisite(s): LING 3070.

LING 4070D - History of the English Language

3 4070. History of the English Language. 3 hours. The evolution of Modern English from Indo-European through Old English and Middle English. Prerequisite(s): LING 3060 or equivalent.

LING 4900D - Special Problems

3 hours 4900. Special Problems. 1-3 hours.

Linguistics - Graduate

LING 5060D - Second Language Acquisition

3 5060. Second Language Acquisition. 3 hours. Covers a broad range of issues concerning the acquisition of second languages. Topics include L1-L2 differences, child-adult L2 differences, the teachability of grammar and models of L2 acquisition. Prerequisite(s): ENGL 5040 or LING 5040 or consent of instructor.

LING 5080D - Teaching English as a Second Language

3 5080. Teaching English as a Second Language. 3 hours. Current pedagogical theory affecting the teaching of English as a second language. Both theoretical and applied approaches are considered.

Logistics and Supply Chain Management - Undergraduate

LSCM 2900D - Special Problems

1.0-3.0 Special Problems. 1-3 hours.

LSCM 3960D - Logistics and Supply Chain Management

3 hours Analysis and design of logistics and supply chain systems. Topics include transportation, warehousing, inventory control, materials handling and packaging, and plant and warehouse locations within and between firms. Emphasis on concepts and practices that provide firms with a competitive advantage. Prerequisite(s): Junior standing.

LSCM 4360D - Global Alliances and International Supply Chain Management

3 hours Supply chain and alliance strategy in the multi-national firm: materials management, international sourcing and distribution, importing/exporting procedures. International carrier management and operations. Prerequisite(s): LSCM 3960D.

LSCM 4510D - Logistics and Business Analysis

3 hours 3 hours. Analysis of logistics case studies and development of issue-based problem solving skill sets and tools. Students will develop business analysis frameworks and apply Excel-based optimization tools to assess shareholder value implications of logistics solutions. Prerequisite(s) : LSCM 3960D .

LSCM 4530D - E-Logistics in Supply Chain Management

3 hours Comprehensive inquiry into the role of e-commerce in collaborative distribution and logistics relationships. Special attention is afforded to resource and technology interdependencies, exchange governance mechanisms and relationship management bench-marking. Emphasis is given to the tools for creating value in the supply chain.

LSCM 4540D - Logistics Application of Enterprise Resource Planning Systems

3.0 3 hours (2;2). Students will gain first-hand experience in Enterprise Resource Planning (ERP) systems through a combination of lectures and lab exercises. Special attention is paid to interdependencies between logistical (SCM) and back office software functions such as finance (FI), controlling (CO) and human resources (HR). Students will learn how to navigate, analyze data, and develop solutions for supply chain management problems using a modern, commercially available ERP system. Students will learn how to work through key tasks in all major modules and develop greater understanding of the underlying supply chain business process. Prerequisite(s): None.

LSCM 4560D - Business Transportation Management

3 hours Principles of transportation covering the role of transportation systems; environmental and economic impacts; modal components; managerial and economic aspects of the various modes, with applications to both domestic and international operations.

LSCM 4800D - Logistics Internship

3 hours Supervised work in a job related to student's career objective. Pass/no pass only. Prerequisite(s): LSCM 3960D and LSCM 4560D. Must be within two long semesters of graduation at the time of the internship and have approval of the department chair or internship director.

LSCM 4830D - Industry Practicum

3 hours Students will work in small groups to identify and resolve hands-on industry problems under the guidance of faculty member, work closely with industrial representatives, and develop solutions for final paper / presentation to industry executives. Prerequisite(s) : LSCM 3960D and at least one other LSCM course.

LSCM 4860D - Advanced Logistics Management

3 hours Application of logistics decision-making tools and skills as they apply to inventory, transportation, and warehouse management. Course stresses hands-on application of analytical tools useful in logistics; analysis of the characteristics of logistics system elements and their interrelationships within a company; developing skills to analyze technical logistics problems; and developing executive-level communications skills leading to the concise statement of problems and proposed solutions. Prerequisite(s): LSCM 3960D. Capstone course to be taken during the last term / semester of course work.

Management - Undergraduate

MGMT 2900D - Special Problems

1.0-3.0 Special Problems. 1-3 hours.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

MGMT 3820D - Management Concepts

3 hours Management philosophy; planning, organizing and controlling; entrepreneurial processes; organizational performance; structure and design. Includes an overview of organization theory and strategic management.

MGMT 3830D - Operations Management

3 hours Management of production emphasizing industrial enterprises; production objectives; design and improvement of processes, work methods, and physical facilities; use of measurements and standards; production planning and control; quality control; budgetary and cost control; materials management. Prerequisite(s): DSCI 2710D.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

MGMT 3860D - Human Resource Management

3 hours An introduction to personnel management. Topics include employment, placement and personnel planning, training and development; compensation and benefits; health, safety and security; and employee and labor relations. Open to non-business majors.

MGMT 3870D - Management Research Methods

3 hours Develops skills in management research methods necessary for problem solving success. Particular emphasis is given to applying theory to management decision making based on objective methods for solving problems in organizational behavior, human resource management, entrepreneurship, and operations. Prerequisite(s): MSCI 2710 or equivalent and completed all pre-business courses.

MGMT 3880D - Business Ethics and Social Responsibility

3 hours A study of ethical behaviors crucial to personal and corporate success in organizations. Codes of ethics, theoretical models and managerial behavior serve as the foundation to investigate ethics and, in turn, social responsibility associated with firm theory. Various stakeholder interest and demands are analyzed as an important theme during the course.

MGMT 3915D - Creativity and Opportunity Development

3 hours 3 hours. Course deals with frameworks, functions, and workings of creativity and opportunity development, and with their role in new startups and in managing firms for sustainable competitive advantage. Emphasis placed on enhancing students' competence in creative thinking, generating ideas, and in the identification and development of business opportunities. Topics may include individual creativity, business opportunities, and management techniques for enhancing creativity and for recognizing and developing opportunities in new and established organizations.

MGMT 4170D - Employee and Labor Relations

3 hours Employee-employer relationships; problems and theories of the bargaining process.

MGMT 4180D - Workplace Health and Safety

3 hours Problems of occupational safety and health (OSHA) workers' compensation, unemployment compensation, industrial security and environmental risk management. Open to non-business majors.

MGMT 4200D - Strategic Processes

3 3 hours. Study of the context and concepts of strategic decision making. Topics include strategic leadership, corporate governance, international influences on strategic decisions, and strategic risk management. Prerequisite(s): senior standing.

MGMT 4210D - E-Management: Managing in a Digital Economy

3 hours Deals with the "why" and "how" of the changing face of management. Focuses on what managers do to maintain and enhance their firm's competitive position in the era of e-commerce. Examines and evaluates some of the more critical issues associated with analyzing the environment, designing organizations and managing people to deal with the challenges that emerge in the new business environment. Prerequisite(s): MGMT 3820D or MGMT 3850D with a grade of C or better, or consent of department.

MGMT 4220D - Field Study in Entrepreneurship

3 hours Course provides students with hands-on opportunities to apply business concepts. Students may work to develop strategic plans, comprehensive business plans, feasibility analysis or funding proposals. In addition, students apply business principles of entrepreneurship to problems related to opportunity analysis, capital funds acquisition, managerial issues and other business requirements such as new product development or planning expansion. Prerequisite(s): MGMT 3330D, MGMT 3720D, MGMT 3850D, MKTG 3650D, FINA 3770D and MSCI 3710 or consent of department.

MGMT 4235D - Social Entrepreneurship

3 3 hours. The course will introduce entrepreneurial concepts that can be used to stimulate entrepreneurial behavior in individuals for the benefit of communities. Students will study best practices of not-for-profit enterprises and social venturing practices and will learn how these enterprises launch and sustain their ventures. The primary focus is on equipping students with knowledge and skills that are needed to develop viable socially relevant organizations or to grow entrepreneurial initiatives in not-for-profit organizations. Course may include projects.

MGMT 4300D - Recruitment, Selection and Placement

3 hours Recruitment, selection and placement of employees in an organization. Test validation and other selection techniques relative to EEO, ADA and AAP laws. Recruiting, selecting and placing a culturally diverse work force.

MGMT 4335D - Technology & Innovation Management

3.0 3 hours. This course will examine frameworks and concepts to understand technology and innovation management in businesses. Topics may include areas such as technology entrepreneurship, product and process innovation, innovation process theories, etc. The main focus is on equipping students with the skills and ability to manage, develop and expand technological innovation. The course may include projects and applied exercises.

MGMT 4350D - Training and Development

3 hours Practical and theoretical approaches to the training and development of employees in an organization. Topics include organization, role and scope of the T and D function, philosophies; strategies and needs analysis; development of program content, methods, materials and techniques, and evaluation and control of the training and development function.

MGMT 4400D - Managing Interpersonal Relationships

3 hours A practical and theoretical course dealing with small group behavior. Emphasis is on identifying and classifying behavior to better understand it and to develop strategies for effectively managing interpersonal and group relationships. Exercises and role playing are used to illustrate major points.

MGMT 4460D - Topics in Organizational Behavior

3 hours Study of individual and group behavior in organizations. Representative topics include employee motivation, leadership, organizational power and politics, decision making and performance, organizational culture, perception and attribution, and individual differences. Students study one or more of these topics in depth. Prerequisite(s): MGMT 3720D or consent of instructor. May be repeated for credit as topics vary.

MGMT 4470D - Leadership

3 hours An in-depth course on leadership. Students are provided practical tools and methods of leadership that will apply to a variety of organizational structures. Students gain insights about their own personalities, skills, ethics, values and beliefs as they relate to leading others, and have the opportunity to discuss and debate a number of leadership topics.

MGMT 4560D - Topics in Entrepreneurship

3 3 hours. Study of entrepreneurs, entrepreneurship, and new business. Representative topics include start-up motives, strategic issues in small and entrepreneurial businesses, franchising, behavioral issues in small business management, legitimacy of new business, international aspects for new and small businesses, family businesses, succession, growth and alliances for small businesses, decision making and the entrepreneur. Students study one or more of these/such topics in depth. May be repeated for credit as topics vary.

MGMT 4660D - International Management Perspectives

3 hours A comprehensive framework is used to study the management of multinational operations in cross-cultural environments with a focus on the decisions that managers must make. Topics include strategic planning, organization, human resources, operations management, entrepreneurship and ethics.

MGMT 4790D - Human Resources Capstone Course

3 hours This course is a capstone course to prepare students to enter the Human Resources field as a qualified professional. Intensive review of the functional disciplines in the HR field will be an integral part of this course. Students will (1) study and evaluate theories of human resources management; (2) engage in practical applications of theory through participation with employers engaged in solving HR problems within their workplace or identifying HR needs; (3) explore the pragmatic implications of the professional human resource certification process and what it means for HR professionals in the global economy during the 21st century; and (4) demonstrate integrative knowledge

of HR functions relative to each other and to other functional areas within an organization. Prerequisite(s) : Final 9 hours of coursework.

MGMT 4800D - Internship

3 hours Supervised work in a job related to student's career objective. Prerequisite(s): student must meet the employer's requirements and have consent of adviser.

MGMT 4810D - Purchasing and Materials Management

3 hours From original planning through delivery of finished products; purchasing, inventory control, receiving, stores, production control, traffic and materials handling.

MGMT 4820D - Manufacturing Planning and Control

3 hours In-depth coverage of the function of production planning and control, including such topics as materials requirements planning, capacity planning, master production scheduling, forecasting, production activity planning, and control and project management. Prerequisite(s): MGMT 3830D.

MGMT 4830D - Productivity and Quality Management

3 hours Coverage of the topics related to quality science and quality improvement. Topics include acceptance sampling, TQM, process control and their impact on productivity. Prerequisite(s): MGMT 3830D.

MGMT 4840D - Compensation and Benefits Administration

3 hours Wage and salary administration in public and private organizations; determinants of general wage and salary levels and structures; total compensation systems; interrelationship among employee performance, intrinsic and extrinsic rewards, perceived equitable payments, and employee satisfaction. Open to non-business majors.

MGMT 4860D - Organizational Design and Change

3 hours Organizational design is a primary management tool for organizing business processes and developing organizational capabilities. The course focuses on developing an understanding of the basics of organizational design, how to utilize organizational design principles to manage change, and how to keep the design aligned with the needs of the firm and the demands to which it must respond. The design and development effort includes study of organizational structures, the basic work patterns of the organization, organizational cultures, managerial roles, and the use of teams.

MGMT 4880D - Management of Projects and Systems

3 hours Investigation and study of the role of projects in contemporary organizations. Includes a presentation of the technical aspects pertaining to the management of complex projects and systems starting with conceptual design and advanced development, and continuing through detailed design, production and termination. Emphasis is placed on integrative concepts rather than isolated methodologies. Prerequisite(s): MGMT 3830D.

MGMT 4890D - Legal Aspects of Employment Practices

3 hours Current legislation and its impact on human resources policy and practices.

MGMT 4900D - Special Problems

1-3 hours Supervised study on a selected management topic. Typically requires a research paper and significant independent study. Prerequisite(s): consent of department.

Management - Graduate

MGMT 5070D - Management Issues

1.5 hours The basic concepts in managing the complete flow of materials that represent a supply chain from suppliers to customers. Emphases within the module are placed on production concepts with business wide applications, determining demand, transformation processes used to satisfy demand, and finally managing the supply activity supporting the transformation processes.

MGMT 5120D - Managing Organizational Design and Change

3 hours Examination of the development of organizational competencies and capabilities through the study of the theory and tools related to organizational design and change. Emphasis is placed on the use of horizontal and vertical linkage mechanisms that provide the organization with the flexibility to adapt to a rapidly changing competitive environment. Definition of management roles and the use of teams are emphasized in the change management process.

MGMT 5140D - Organizational Behavior and Analysis

3 hours Research emphasis in organizational behavior stressing organization-people linkages and interrelationships, including selection, orientation and training; job design and reward systems; supervision; formal participation schemes; appraisals and development, organizational structure and design, communications, control and conflict resolution. Examination of behavioral science methodologies and strategies. Applications to tangential areas of organization theory, development, planning and implications for management and employee relations.

MGMT 5210D - Human Resource Management Seminar

3 hours A study of the creation and implementation of human resource policies in public and private organizations. Topics include employment, placement and personnel planning; compensation and benefits; employee and labor relations; training and development; health, safety and security. Designed for non-business graduate students and business graduate students with limited or no background in personnel management.

MGMT 5230D - Management Seminar

3 hours Development of philosophy, strategy and tactics in managing an enterprise. Administrative processes common to all enterprises, including variations needed to meet different situational requirements. Methods of study include extensive reading, exploratory research and seminar discussion.

MGMT 5240D - Project Management

3 hours Analysis and application of project management techniques and processes to large scale, complex and unique projects. Topics include project selection; planning and organization; negotiation and conflict resolution; budgeting and cost estimation; scheduling; resource allocation; monitoring and control; project auditing; and termination. Prerequisite(s): MGMT 5070D or equivalent.

MGMT 5300D - Entrepreneurship and Venture Management

3 5300. Entrepreneurship and Venture Management. 3 hours. The creation of new business enterprises and the expansion of current enterprises through the venture. Topics include assessment of entrepreneurial characteristics, the entrepreneurial team, generation and screening of venture ideas, market analysis and technical analysis.

MGMT 5660D - International Management

3 hours Designed to expose the student to the international aspects of management. Cultural differences in management applications, management of multinational corporations and integration of domestic business functions and international operations.

MGMT 5710D - Management Strategies for Public Issues

3 hours Public issues confronting business leaders stemming from profound changes in societal expectations and demands as manifested in political forums and government action. Focuses on the social and political environment of business and explores the role of the corporation in today's society.

MGMT 5760D - Strategic Management

3 5760. Strategic Management. 3 hours. Examination and evaluation of current theories, issues and programs involved in strategically managing organizations. Emphasis is on critical thinking, judgment, and solving strategy problems within uncertain and complex decision environments.

MGMT 5800D - Internship

1.0-3.0 1-3 hours. A supervised, productive and educationally meaningful work experience in a job related to the student's career objective. Prerequisite(s): student must meet employer's requirements and have consent of department. May not be used to meet professional field requirements. Pass/no pass only.

MGMT 5870D - Leadership Research and Development

3 hours Theories and current research on leadership with emphasis placed on leadership development and specific applications within the organizational setting.

MGMT 5900D - Special Problems

1-3 hours Open to graduate students who are capable of developing a problem independently. Problem chosen by the student and developed through conferences and activities under the direction of the instructor. Prerequisite(s): approved applications for special problems/independent research/dissertation credit must be submitted to the College of Business Administration Student Advising Office prior to registration.

Marketing - Undergraduate

MKTG 2900D - Special Problems

1.0-3.0 Special Problems. 1-3 hours.

MKTG 3010D - Professional Selling

3 hours Professional selling principles and practices for business applications. Principles of communication, listening, selling yourself and a business sales model. Students develop and present two sales presentations. Satisfies the COBA business foundation communication requirement. Open to all majors. Satisfies the Communication requirement of the University Core Curriculum.

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

MKTG 3660D - Advertising Management

3.0 3 hours. Advertising for business executives; creation of primary demand, stimuli, promotional programs, media selection, appropriation and evaluation. Prerequisite(s): MKTG 3650D

MKTG 3700D - Marketing and Money

3 hours Students are taught to understand and appreciate the money implications and impact of marketing decisions. The teaching method is "intensively hands-on" and makes use of mini cases, problems and exercises in the context of market opportunity analysis, market segmentation, and planning and implementing a marketing mix. Prerequisite(s): MKTG 3650D (may be taken concurrently, but completion is recommended).

MKTG 3710D - Marketing Research and Information Technology

3 hours Examination of marketing information technologies and marketing research. Students learn why and when to do marketing research, the types and sources of primary and secondary data available, methods for collecting data, the construction of data gathering instruments (e.g. questionnaires), the use of measurement scales, basic sampling, and data analysis techniques. Class emphasizes the use of secondary data sources, especially on-line, electronic sources of marketing information. Prerequisite(s): DSCI 2710D and MKTG 3700D (may be taken concurrently).

MKTG 4120D - Consumer Behavior

3.0 3 hours. A survey of individual and organizational decision making in the acquisition, consumption and disposition of goods and services, with selected applications in market segmentation, marketing communications and marketing management. Topics include consumer and organizational behavior models and decision processes; internal influencing forces of motivation, perception, learning, personality, lifestyle and attitudes; external influencing forces of culture, subculture, demographic, social class, reference group and household. Prerequisite(s): MKTG 3650D

MKTG 4280D - Global Marketing Issues and Practice

3 hours Students examine marketing decision making in an international context. Course emphasizes issues and concepts relevant to firms competing in the global market place, including problems and opportunities arising from the economic, legal/political, sociocultural, geographic and technological environments. Specific topics include multinational distribution, international product adaptation and cross-cultural consumer behavior. Requires a project emphasizing using and refining secondary data collection skills. Students may be required to work in a group context. Prerequisite(s): MKTG 3650D.

MKTG 4330D - Strategic Brand Management

3 hours Course concentrates on strategic and operational issues related to brand management - an important aspect of marketing function - its integration in the organization, management of portfolio of brands, environmental scanning, identification and creation of value to offer to consumers, budgeting, planning and control issues. Specific areas discussed will be research, data management, analyses for planning, decision making, decisions in the areas of product/service offering, pricing, communication (advertising, sales promotion, sponsorship, and publicity) channels, ethics and global implications, among others. Prerequisite(s) : MKTG 3650D and MKTG 3700D (may be taken concurrently).

MKTG 4520D - Marketing Channels and Strategic Partnerships

3 hours An examination of strategic issues involved in managing marketing channels. Topics include channel design, supply chain management and the external channels environment. Marketing channel strategy is extended to the use of strategic alliances and other collaborative distribution relationships for global competitive advantage. Special attention is afforded to resource and technology interdependencies, exchange governance and relationship benchmarking. Prerequisite(s): MKTG 3650D.

MKTG 4620D - E-Commerce Marketing Tools and Applications

3 hours 4620. E-Commerce Marketing Tools and Applications. 3 hours. Explores the evolution of the Internet and the Internet's ensuing role in marketing. Introduction to web design, web authoring and web-based marketing applications. Prerequisite(s): MKTG 3650.

MKTG 4640D - Database Marketing Fundamentals

3 hours Examines theories, issues, processes and applications involved in the strategic use of marketing databases in corporate and non-corporate settings. Emphasizes the importance of acquiring, maintaining and processing market-related information. Introduces the extension of database marketing to the concept of one-to-one marketing. Discusses uses of computer hardware and software, the Internet and telecom technology in database marketing. Examines issues involved in the creation and maintenance of marketing databases as well as their varied uses. Students complete a project, learning and using many skills related to applied database marketing. Prerequisite(s): MKTG 3650D and MKTG 4620.

MKTG 4880D - Advanced Marketing Management

3.0 3 hours. Application of concepts, tools and procedures employed by practicing marketing managers. Specific attention is given to product development and management, promotion development and management, channel selection and management, physical distribution management and price setting and management. Students acquire skills in the essentials of case analysis and written as well as oral presentation of their analysis. Oral presentations may be made using electronic media. Groups may be required for case work. Prerequisite(s): MKTG 3700D and MKTG 3710D .

MKTG 4900D - Special Problems

1-3 hours

Marketing - Graduate

MKTG 5000D - Marketing Concepts

1.5 hours A functional analysis of marketing and its importance in the economy as well as in business management. Develops an understanding of the increased complexity of the modern marketing system, why it is essential and how it performs. Embraces business activities involved in moving goods from production to consumption. This course meets the deficiency requirement in marketing for MBA candidates.

MKTG 5150D - Marketing Management

3 hours Application of concepts, tools and procedures employed by practicing marketing managers. Specific attention is given to product development and management, promotion development and management, channel selection and management, physical distribution management, and price setting and management. Students acquire skills in the essentials of case analysis and written as well as oral presentation of their analysis. Oral presentations may be made using electronic media. Groups may be required for case work. Prerequisite(s): MKTG 3650D or MKTG 5000D.

Mathematics - Undergraduate

MATH 1010D - Fundamentals of Algebra

3 hours Basic algebraic operations, linear equations and inequalities, polynomials, rational expressions, factoring, exponents and radicals, and quadratic equations. Prerequisite(s): consent of department. Students may not enroll in this course if they have credit for any other UNT mathematics course. Credit in this course does not fulfill any degree requirement.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1190D - Business Calculus

3 hours Differential and integral calculus with emphasis on applications to business. Prerequisite(s): two years of high school algebra and consent of department ; or MATH 1100D with grade of C or better.

MATH 1350D - Mathematics for Elementary Education Majors I

3 hours Concepts of sets, functions, numeration systems, different number bases, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1100D with grade of C or better.

MATH 1351D - Mathematics for Elementary Education Majors II

3 hours Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1350D

MATH 1400D - College Math with Calculus

3 hours An applied mathematics course designed for non-science majors. All topics are motivated by real world applications. Equations, graphs, functions; exponentials and logarithms; mathematics of finance; systems of linear equations and inequalities, linear programming; probability; basic differential calculus with applications. Prerequisite(s): two years of high school algebra and consent of department; or MATH 1100D with grade of C or better. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1580D - Survey of Mathematics with Applications

3 hours 1580. Survey of Mathematics with Applications. 3 hours. Topics include probability, statistics, algebra, logic and the mathematics of finance. Additional topics are selected from geometry, sets, cryptography, fair division, voting theory and graph theory. Emphasis is on applications. Recreational and historical aspects of selected topics are also included. Technology is used extensively. Math 1580 is not intended to prepare students for calculus, science, engineering or business courses. Students may not receive credit for both Math 1580 and Math 1581. Prerequisite(s) : Two years of high school algebra and one year of high school geometry and consent of department, or MATH 1010 with a grade of C or better.

MATH 1581D - Survey of Mathematics with Applications and Algebra Review

4 hours 1581. Survey of Mathematics with Applications and Algebra Review. 4 hours (3;1). An alternate version of Math 1580 for students identified in the mathematics placement process as requiring supplemental instruction to strengthen their algebra skills. Students may not enroll in this course if they have received credit for any other UNT mathematics course with a grade of C or better. Students may not receive credit for both Math 1580 and Math 1581. Prerequisite(s) : Consent of department.

MATH 1650D - Pre-Calculus

5 hours A preparatory course for calculus. trigonometric functions, their graphs and applications; sequences and series; exponential and logarithmic functions and their graphs; graphs of polynomial and rational functions; general discussion of functions and their properties. MATH 1650 covers approximately the same material as MATH 1600 and MATH 1610 together. Students who already have credit for both MATH 1600 and MATH 1610 may not receive credit for MATH 1650. Prerequisite(s): MATH 1100D with grade of C or better. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1680D - Elementary Probability and Statistics

3 hours **TCCNS Number:** (1342 or 2342)
An introductory course to serve students of any field who want to apply statistical inference. Descriptive statistics, elementary probability, estimation, hypothesis testing and small samples. Students may not receive credit for both MATH 1680 and MATH 1681. Prerequisite(s): Two years of high school algebra and one year of high school geometry and consent of department, or MATH 1010D with grade of C or better. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1681D - Elementary Probability and Statistics with Algebra Review

4 1681. Elementary Probability and Statistics with Algebra Review. 4 hours (3;1). An alternate version of Math 1680 for students identified in the mathematics placement process as requiring supplemental instruction to strengthen their algebra skills. Students may not enroll in this course if they have received credit for any other UNT mathematics course with a grade of C or better. Students may not receive credit for both Math 1680 and Math 1681. Prerequisite(s) : Consent of department

MATH 1710D - Calculus I

4 hours **TCCNS Number:** -2413

Limits and continuity, derivatives and integrals; differentiation and integration of polynomial, rational, trigonometric, and algebraic functions; applications, including slope, velocity, extrema, area, volume and work. Prerequisite(s): MATH 1650D; or both MATH 1600 and MATH 1610. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1720D - Calculus II

3 hours **TCCNS Number:** -2414

Differentiation and integration of exponential, logarithmic and transcendental functions; integration techniques; indeterminate forms; improper integrals; area and arc length in polar coordinates; infinite series; power series; Taylor's theorem. Prerequisite(s): MATH 1710D. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1780D - Probability Models

3 hours Probability theory, discrete and continuous random variables, Markov chains, limit theorems, stochastic processes, models for phenomena with statistical regularity. Prerequisite(s): MATH 1710D.

MATH 2000D - Discrete Mathematics

3.0 3 hours. Introductory proof-writing, logic, sets, relations and functions, induction and recursion, combinatorics and counting techniques, discrete probability, and graphs. Prerequisite(s): MATH 1710D (may be taken concurrently).

MATH 2100D - Functions and Modeling for Secondary Mathematics Instruction

3 hours In-depth study of topics in secondary school mathematics. Emphasis is on modeling with linear, exponential, and trigonometric functions; curve fitting; discrete and continuous models. Exploratory work with presentations of findings are an integral part of the course. Pedagogical uses of appropriate technology are explored. Prerequisite(s) : MATH 1710D, MATH 1720D (may be taken concurrently) and TNTX 1100D (may be taken concurrently), or consent of the Teach North Texas adviser.

MATH 2700D - Linear Algebra and Vector Geometry

3 hours **TCCNS Number:** -2318

Vector spaces over the real number field; applications to systems of linear equations and analytic geometry in \mathbb{R}^n , linear transformations, matrices, determinants and eigenvalues. Prerequisite(s): MATH 1720D.

MATH 2730D - Multivariable Calculus

3 hours **TCCNS Number:** (2315 or 2415).

Vectors and analytic geometry in 3-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates. Prerequisite(s): MATH 1720D.

MATH 2770D - Discrete Mathematical Structures

3 hours **TCCNS Number:** -2305

Introductory mathematical logic, mathematical induction, relations and functions, combinatorics, counting techniques, graphs and trees, and finite automata theory. Prerequisite(s): MATH 1710D; CSCE 1020D or CSCE 1030D (may be taken concurrently).

MATH 2900D - Special Problems

1-3 1-3 hours each. May be repeated for credit.

MATH 3000D - Real Analysis I

3 hours Introduction to mathematical proofs through real analysis. Topics include sets, relations, types of proofs, continuity and topology of the real line. Prerequisite(s): MATH 1720D.

MATH 3350D - Introduction to Numerical Analysis

3 hours Description and mathematical analysis of methods used for solving problems of a mathematical nature on the computer. Roots of equations, systems of linear equations, polynomial interpolation and approximation, least-squares approximation, numerical solution of ordinary differential equations. Prerequisite(s): MATH 2700D and computer programming ability.

MATH 3400D - Number Theory

3 hours Factorizations, congruencies, quadratic reciprocity, finite fields, quadratic forms, diophantine equations. Prerequisite(s): MATH 2510 or MATH 2770D.

MATH 3410D - Differential Equations I

3 hours First-order equations, existence-uniqueness theorem, linear equations, separation of variables, higher-order linear equations, systems of linear equations, series solutions and numerical solutions. Prerequisite(s): MATH 1720D and MATH 2700D.

MATH 3420D - Differential Equations II

3 hours Ordinary differential equations arising from partial differential equations by means of separation of variables; method of characteristics for first-order PDEs; boundary value problems for ODEs; comparative study of heat equation, wave equation and Laplace's equation by separation of variables and numerical methods; further topics in numerical solution of ODEs. Prerequisite(s): MATH 2700D and MATH 3410D.

MATH 3510D - Introduction to Abstract Algebra

3 hours Groups, rings, integral domains, polynomial rings and fields. Prerequisite(s): MATH 2510.

MATH 3520D - Abstract Algebra II

3 hours Topics from coding theory, quadratic forms, Galois theory, multilinear algebra, advanced group theory, and advanced ring theory. Prerequisite(s): MATH 3510D.

MATH 3610D - Real Analysis II

3 hours Continuation of MATH 2510. Topics include derivatives, integrals, limits of sequences of functions, Fourier series; and an introduction to multivariable analysis. Prerequisite(s): MATH 2510 and MATH 2700D (may be taken concurrently).

MATH 3680D - Applied Statistics

3 hours Descriptive statistics, elements of probability, random variables, confidence intervals, hypothesis testing, regression, contingency tables. Prerequisite(s) : MATH 1710D and either credit for MATH 1720D or concurrent enrollment in MATH 1720D.

MATH 3740D - Vector Calculus

3 hours Theory of vector-valued functions on Euclidean space. Derivative as best linear-transformation approximation to a function. Divergence, gradient, curl. Vector fields, path integrals, surface integrals. Constrained extrema and Lagrange multipliers. Implicit function theorem. Jacobian matrices. Green's, Stokes', and Gauss' (divergence) theorems in Euclidean space. Differential forms and an introduction to differential geometry. Prerequisite(s): MATH 2700D and MATH 2730D.

MATH 4050D - Advanced Study of the Secondary Mathematics Curriculum

3 hours Study of mathematical topics in the secondary curriculum from an advanced viewpoint. Discussion of the relationship between the secondary and collegiate curricula. Combinatorics. The Euclidean algorithm, congruence classes, and prime factorization. Modeling with differential equations. Conic sections. Pedagogical techniques. Prerequisite(s) : MATH 2100D and either MATH 3510D or MATH 3610D.

MATH 4060D - Foundations of Geometry

3 hours Selections from synthetic, analytic, projective, Euclidean and non-Euclidean geometry. Prerequisite(s): MATH 3000D or equivalent.

MATH 4100D - Fourier Analysis

3 hours Application oriented introduction to Fourier analysis, including Fourier series, Fourier transforms, discrete Fourier transforms, wavelets, orthogonal polynomials, and the Fast Fourier Transform (FFT) algorithm. The theoretical portions of this course will emphasize interconnections and operator algebraic formalism. Applications will be chosen from among differential equations, signal processing, probability, and high precision arithmetic. Prerequisite(s): MATH 1720D and MATH 2700D. Prior or concurrent enrollment in MATH 2730D and MATH 3410D recommended.

MATH 4200D - Dynamical Systems

3 hours One-dimensional dynamics. Sarkovskii's theory, routes to chaos, symbolic dynamics, higher-dimensional dynamics, attractors, bifurcations, quadratic maps, Julia and Mandelbrot sets. Prerequisite(s): MATH 3610D.

MATH 4430D - Introduction to Graph Theory

3 hours Introduction to combinatorics through graph theory. Topics introduced include connectedness, factorization, Hamiltonian graphs, network flows, Ramsey numbers, graph coloring, automorphisms of graphs and Polya's Enumeration Theorem. Connections with computer science are emphasized. Prerequisite(s): MATH 2510 or MATH 2770D.

MATH 4450D - Introduction to the Theory of Matrices

3 hours Congruence (Hermitian); similarity; orthogonality, matrices with polynomial elements and minimal polynomials; Cayley-Hamilton theorem; bilinear and quadratic forms; eigenvalues. Prerequisite(s): MATH 2700D.

MATH 4500D - Introduction to Topology

3 hours Point set topology; connectedness, compactness, continuous functions and metric spaces. Prerequisite(s): MATH 3610D.

MATH 4520D - Introduction to Functions of a Complex Variable

3 hours Algebra of complex numbers and geometric representation; analytic functions; elementary functions and mapping; real-line integrals; complex integration; power series; residues, poles, conformal mapping and applications. Prerequisite(s): MATH 2730D.

MATH 4610D - Probability

3 hours Combinatorial analysis, probability, conditional probability, independence, random variables, expectation, generating functions and limit theorems. Prerequisite(s): MATH 2730D.

MATH 4650D - Statistics

3 hours Sampling distributions, point estimation, interval estimation, hypothesis testing, goodness of fit tests, regression and correlation, analysis of variance, and non-parametric methods. Prerequisite(s): MATH 3680D or at least a 4 on the AP Statistics test; and MATH 4610D.

MATH 4900D - Special Problems

1-3 hours

Mathematics - Graduate

MATH 5001D - Teaching Dual Credit Mathematics

3 3 hours. Course planning and course syllabus, the preparation and mechanics of lectures and problem solving sessions, models of instruction, the preparation, administration and grading of examinations, the mathematical foundations of secondary and dual credit curricula; review of the undergraduate mathematics curriculum. Prerequisite(s): Admission to M.Ed. program or consent of instructor

MATH 5011D - Mathematical Models for Educators

3 3 hours. Algebraic, geometrical and numerical techniques of math modelling. Models formulated for problems arising in applications of mathematics that can be utilized by educators to motivate learning and appreciation of mathematics. Topics may include applications of math in coding theory, graph theory, game theory, difference equations and stochastic difference equations. Prerequisite(s) : Admission to M.Ed. program or consent of instructor.

MATH 5090D - Topics in Math Content and Pedagogy

3 3 hours. This course considers topics in Math content and pedagogy that are not covered in other courses. Potential topics may include advanced mathematical thinking, use of technology in mathematics instruction, research-based practices in teaching undergraduate mathematics; historical development of various mathematical topics, mathematical literacy and proficiency, instructional strategies. Math content topics that promote student learning and appreciation of

mathematics and are of interest to math educators. Prerequisite(s) : Admission to M.Ed. program or consent of instructor

MATH 5611D - Introduction to Mathematical Analysis I

3 3 hours. This is the first part of a two semester course in Introduction to Mathematical Analysis. Topics include: real number system; sequences and series; limit and differentiation, the Riemann integral, sequences of functions, elementary metric space theory including compactness, connectedness and completeness, complex analytic functions, Cauchy's theorem, the Taylor and Laurent series, residues, and Contour integrals. Prerequisite(s) : Admission to M.Ed. program or consent of instructor.

MATH 5621D - Introduction to Mathematical Analysis II

3 3 hours. This is the second part of a two semester course in Introduction to Mathematical Analysis. Topics include: real number system; sequences and series; limit and differentiation, the Riemann integral, sequences of functions, elementary metric space theory including compactness, connectedness and completeness, complex analytic functions, Cauchy's theorem, the Taylor and Laurent series, residues, and Contour integrals. Prerequisite(s) : Admission to M.Ed. program or consent of instructor

MATH 5680D - Introduction to Probability and Statistics

3 3 hours. Foundation for elementary statistics ; combinatorial analysis, probability, conditional probability, independence, random variables, expectation, generating functions and limit theorems, sampling distributions, point estimation, interval estimation, hypothesis testing, goodness of fit tests, regression and correlation, analysis of variance, and non-parametric methods. Prerequisite(s) : Admission to M.Ed. program or consent of instructor.

Middle School Education - Undergraduate

EDME 3380D - Teaching and Learning in the Middle Grades

3 hours This course provides middle level teacher candidates with the knowledge and skills to teach young adolescents. Topics include 1) young adolescent development, 2) the middle level philosophy and school organization, 3) middle level curriculum, instruction, and assessment teaching skills, and 4) middle level profession roles. Prerequisite(s) : Admission to the teacher education program (includes participation in a field-based program); an adolescent / lifespan development course, and an educational-application computer course.

EDME 4103D - Student Teaching in Grades 4-8

3 hours Teaching under supervision in grades 4 through 8. Prerequisite(s): admission to teacher education program; EDEE 3320D, EDME 3380D; the required EDME content-specific methods course, EDRE 4870D, and the required EDBE courses. Pass/no pass only.

EDME 4104D - Student Teaching in Grades 4-8

3 hours Teaching under supervision in grades 4 through 8. Prerequisite(s): admission to teacher education program; EDEE 3320D, EDME 3380D; the required EDME content-specific methods course, EDRE 4870D, and the required EDBE courses. Pass/no pass only.

EDME 4330D - Science in Grades 4-8

3 hours Subject matter background and material organization for an integrated science program in the upper elementary and middle school. Students experience first-hand the scope and sequence of science education. Assignments, directed field experience, and other class activities take place on site in an upper elementary or middle school setting.

Prerequisite(s) : Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDSE 4060D, DFST 4133D, EDEE 2000D, EDSP 3210D, CECS 4100, and required core and academic major science courses.

EDME 4340D - Social Studies in Grades 4-8

3 hours Principles of teaching social studies in the upper elementary and middle school. Students observe social studies instruction and materials in real settings, apply principles of social studies instruction on classroom settings, and experience first-hand the scope and sequence of the curriculum in an upper elementary or middle school setting. Assignments, directed field experience and other class activities take place in a school settings. Prerequisite(s) :

Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDSE 4060D, DFST 4133D, EDEE 2000D, EDSP 3210D, CECS 4100, and required core and academic major social studies courses.

EDME 4351D - Teaching Mathematics in Grades 4-8

3 hours This course offers candidates a constructivist approach to helping students develop a knowledge of mathematics in grades 4-8. Teaching strategies are presented with developmental activities that can be used with middle grade students. Students will reflect on what it means to teach mathematics and explore the factors that influence teaching. Prerequisite(s) : Admission to the teacher education program, which includes participation in a field-based program for the middle grades in mathematics, EDEE 3320D; required core and academic major math courses and EDEC and DFST classes.

EDME 4900D - Special Problems

1-3 1-3 hours.

Music Ensembles - Undergraduate

MUEN 2500D - Music Ensemble

3 3 hours. This is a non-auditioned vocal and instrumental ensemble course open to all students in the university community.

Music History and Literature, Musicology - Undergraduate

MUMH 2040D - Music Appreciation

3 hours **TCCNS Number:** (MUSI 1306)

Music masterpieces; elements of music, form and design; relation of music to other areas of cultural development; live and recorded performances. For non-music majors. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

Non-Course Based Opt in Math

UGMT 1301D - Non-Course Based Option in Mathematics

1-3 1-3 hours. The content of this course will be tailored to the individual student and may include basic algebra, linear equations and inequalities, polynomials, rational expressions, factoring, exponents and radicals, and quadratic equations.

Physics - Undergraduate

PHYS 1052D - Solar System

3 1052. Solar System. 3 hours (3;2). History of astronomy and the physical properties of the earth, moon, planets and minor bodies. Includes weekly outdoor and indoor laboratory exercises. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Prerequisite(s) : MATH 1100 or above.

PHYS 1062D - Stars and the Universe

3 1062. Stars and the Universe. 3 hours (3;2). Properties of stars and stellar systems and a study of the origin, evolution and future of the universe. Includes weekly outdoor and indoor laboratory exercises. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Prerequisite(s) : MATH 1100 or above.

PHYS 1210D - Conceptual Physics

3 hours **TCCNS Number:** -1415
(3;3). Principles and applications of mechanics, heat, sound, light, electricity and atomic physics for the elementary education major. May not use both PHYS 1210 and PHYS 1311 to satisfy a laboratory science requirement. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum (by elementary education students). Prerequisite(s): MATH 1100D or higher and interdisciplinary studies (elementary education) major status.

PHYS 1410D - General Physics I

3 **TCCNS Number:** 1301
1410 (1301). General Physics I. 3 hours. (3;0;1) Non-calculus based physics sequence suitable for life sciences majors and preprofessional students. Principles and applications of mechanics, sound and heat. Prerequisite(s): proficiency in algebra and trigonometry. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1420D - General Physics II

3 **TCCNS Number:** 1302
1420 (1302). General Physics II. 3 hours. (3;0;1) Non-calculus based physics sequence suitable for life sciences majors and preprofessional students. Principles and applications of electricity, magnetism, light and atomic physics. Prerequisite(s): PHYS 1410 or consent of department. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1430D - General Physics Laboratory I

1 **TCCNS Number:** 1101
1430 (1101). General Physics Laboratory I. 1 hour. (0;3) Prerequisite(s): credit for or concurrent enrollment in PHYS 1410. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1440D - General Physics Laboratory II

1 **TCCNS Number:** 1102

1440 (1102). General Physics Laboratory II. 1 hour. (0;3) Prerequisite(s): credit for or concurrent enrollment in PHYS 1420. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1710D - Mechanics

3 hours **TCCNS Number:** -2325

(3;0;1) Laws of motion; inertia, acceleration, force, energy, momentum and angular momentum. Rotational and oscillatory motion. Gravitation. Prerequisite(s): MATH 1710D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1730D - Laboratory in Mechanics

1 hour **TCCNS Number:** -2125

(0;3) Prerequisite(s): credit for or concurrent enrollment in MATH 1710D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 2220D - Electricity and Magnetism

3 hours **TCCNS Number:** -2326

(3;0;1) Electric fields, dc and ac circuits, magnetic fields and magnetic induction. Electric and magnetic properties of matter. Prerequisite(s): PHYS 1420 or PHYS 1710D ; MATH 1720D. It is recommended that the course be taken concurrently with PHYS 2240D . May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 2240D - Laboratory in Wave Motion, Electricity, Magnetism and Optics

1 hour **TCCNS Number:** -2126

(0;3) Prerequisite(s): credit for or concurrent enrollment in PHYS 2220D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

Political Science - Undergraduate

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

PSCI 1060D - American Government: Topics

3 hours Individually or team-taught courses that explore in depth a substantive aspect of American government or politics. Topics vary and may include (but are not limited to) specific contemporary public issues, institutional simulations, and politics through the arts and literature. May be repeated for credit as topics vary. May be used for duplication only when topic is the same. PSCI 1060 fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

PSCI 3010D - American State and Local Government

3 3 hours. Political processes among state and local governments, and similarities and variations in the politics and policies of states.

PSCI 3020D - Government & Politics in Texas

3 3 hours. This course introduces students to the political processes and administrative procedures of state governments. It will take a comparative approach and discuss the similarities and differences among states with respect to institutional structures, laws and regulations, political cultures, histories, demographics, and economics.

PSCI 3100D - Topics in American Government

3 3 hours. Major areas of research and controversy in American politics. Representative topics include political campaigning, minority group politics, and science fiction and politics. May be repeated for credit as topics vary.

PSCI 3110D - The Legislative Process

3 hours 3110. The Legislative Process. 3 hours. Legislative behavior, representation, selection of legislators, organization and procedures; relationships to other branches of government.

PSCI 3120D - Women and Politics

3 3 hours. Explores aspects of women's political, legal and economic lives in which gender intersects with government; provides overview of issues and important concepts, events and movements concerning them.

PSCI 3130D - Interest Groups

3 3 hours. The theory, development, types, operations and effectiveness of interest groups in American politics.

PSCI 3160D - Mass Media in American Politics

3 3 hours. Mass media's impact upon the political process, institutions and the individual.

PSCI 3200D - The American Legal System

3 hours 3200. The American Legal System. 3 hours. Institutions and processes; courts and judicial behavior.

PSCI 3210D - The U.S. Supreme Court

3 hours 3210. The U.S. Supreme Court. 3 hours. Explores varying aspects of the U.S. Supreme Court, including how the Supreme Court selects and decides cases, how justices are appointed to the Supreme Court, how the Supreme Court interacts with other branches of government and interest groups, and how decisions are implemented.

PSCI 4020D - Urban Politics

3 hours 4020. Urban Politics. 3 hours. The city in social order; political machinery of central city and suburbs; types of conflicts, policies, leadership and groups; metropolitan government.

PSCI 4100D - Political Parties

3 3 hours. Development, nature, problems, organization, operation and functions.

PSCI 4120D - Public Opinion and Participation

3 3 hours. Shaping factors, communication techniques, public opinion, governmental action and democracy.

PSCI 4140D - The Presidency

3 3 hours. Development of power, influence and limitations of the chief executive; selection, office, changing role and problems of control.

PSCI 4200D - Constitutional Law: Discrimination and the Powers of the Government

3 hours 4200. Constitutional Law: Discrimination and the Powers of the Government. 3 hours each. Constitution of the United States; work of the Supreme Court, and effects of decisions on national and state government. Decisions of the United States Supreme Court; scope of legislative, executive and judicial power; presidential power in war and foreign affairs; clash of national and state power; economic liberties and property rights; racial and gender discrimination.

PSCI 4210D - Constitutional Law: Rights and Liberties

3 3 hours each. Constitution of the United States; work of the Supreme Court, and effects of decisions on national and state government. Decisions of the United States Supreme Court; freedom of religion, speech and press; rights of criminal defendants; right to privacy.

PSCI 4220D - Jurisprudence

3 hours 4220. Jurisprudence. 3 hours. Law in the modern state, meaning and objects, sources and growth, and conceptions of rights and justice. Prerequisite(s): 3 hours in public law.

PSCI 4520D - International Human Rights

3 hours Consideration of the concept and role of human rights in international affairs. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

Psychology - Undergraduate

PSYC 1100D - Introduction to Psychology

3 3 hours. This course offers a general understanding and application of the basic principles of psychology. Topics will include the history of psychology, scientific methods, physiological foundation of behavior, development, principles of learning, personality theory, abnormal behavior, and social psychology.

PSYC 1500D - Mythbusting : Distinguishing Fact from Fallacy in Psychology and Everyday Life

3 3 hours. This type of mythbusting consists of learning a variety of approaches to critical thinking, preparing students to be able to differentiate information as fact or fallacy. Traditional teaching methods with texts, lectures and discussion are used with a variety of in-class and homework experiences and assignments to develop and practice the necessary skills. Prerequisite(s) : Limited to freshmen and sophomores.

PSYC 1630D - General Psychology I

3 hours Nature of psychology with emphases on the study of personality development, decision making, reactions to frustration, mental health, and how the individual interacts with and is influenced by others. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

PSYC 1650D - General Psychology II

3 hours Nature of psychology with emphases on the physiological basis of behavior and psychological processes, including learning, motivation, perception and emotion.

PSYC 2317D - Quantitative Methods

4 hours Techniques appropriate for treatment of psychological data; frequency distributions, percentiles, measures of central tendency and variability, normal curve function, simple correlational analyses, and applications of sampling theory. Prerequisite(s) : MATH 1100D - College Algebra.

PSYC 2480D - Psychosocial Adjustment

3 3 hours. Processes involved in adjustment of individuals to their personal and social environments; role of conflict, frustration and healthy and pathological strategies of adjustment.

PSYC 2580D - Health Psychology

3 hours Examines psychological, physiological, social and behavioral factors as they influence and are influenced by physical health. Health psychology is concerned with the acquisition and maintenance of health through behavior change strategies, the prevention and/or treatment of illnesses, the role of psychosocial and stress factors in the development of physical illness, and the formulation of health care policy. Satisfies the Wellness requirement of the University Core Curriculum.

PSYC 2600D - Interpersonal Behavior

3 3 hours. (2;2) Relevant variables underlying interpersonal relationships, and current research methods and findings. Skills in developing effective interpersonal relationships in such contexts as friendships, dating, marriage, family, business and industry. Includes the use of recording devices, role playing and self-observation procedures.

PSYC 2900D - SPECIAL PROBLEMS

1-3 1-3 hours each.

PSYC 2950D - Experimental Methods

4 4 hours. (4;3) Basic experimental procedures and designs, laboratory apparatus, and treatment of experimental data. Experiments and experimental reports required of each student. Prerequisite(s): PSYC 2317D or consent of department.

PSYC 3000D - Positive Psychology

3 3 hours. Nature of psychology with emphases on the development of strengths and virtues, positive emotion, positive cognition, prosocial behavior, positive interventions, and positive environments. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 3100D - Social Psychology

3 3 hours. A survey of psychological research and theory on social behavior with attention to person perception, interpersonal attraction, group processes, attitudes, helping behavior, aggression, and applied social psychology. Prerequisite(s) : PSYC 1630D or PSYC 1650D.

PSYC 3200D - Research Methods

3 3 hours. This course introduces students to psychology research methods and addresses general issues in research methodology, such as experimental designs, survey research, mixed methods, and sampling procedures. This course highlights the way data is collected, analyzed, as well as the strengths and weaknesses of each methodological approach. Prerequisite(s) : PSYC 1100D or equivalent.

PSYC 3210D - Statistics in Psychology

3 3 hours. This course covers the principles and concepts for the use of statistics in the social and behavioral sciences. It will cover descriptive statistics, inferential statistics, and sampling, such as measures of central tendency, t-tests, linear regression, simple random sampling, and stratified sampling. Prerequisite(s) : PSYC 3200D.

PSYC 3480D - Adult Development and Aging

3 3 hours. Personality, cognitive, social and sensory-perceptual aspects of development from early adulthood through death. Emphasis on the development of a comprehensive understanding of the adult portion of the life span. Prerequisite(s) : PSYC 1630D or PSYC 1650D.

PSYC 3490D - Psychology of Women

3 3 hours. Comparison of personality and cultural factors associated with gender. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 3520D - Introduction to Industrial Organizational Psychology

3 hours Personnel and organizational psychology; selection and testing procedures, test validation, and theories of organization, leadership and job performance. Prerequisite(s): PSYC 2317D or equivalent.

PSYC 3530D - Psychology of the Offender

3 3 hours. Personnel and organizational psychology; selection and testing procedures, test validation, and theories of organization, leadership and job performance. Prerequisite(s): PSYC 2317D or equivalent.

PSYC 3620D - Developmental Psychology

3 hours Basic theories and research in life-span developmental psychology; parent-child relations, identification, peer relations, self-concept, language learning, perceptual and cognitive development.

PSYC 3630D - Introduction to Psychological Measurement

3 3 hours. Fundamental approaches, theories of psychological tests and testing; correlation, reliability, validity and methods of test construction. Prerequisite(s): PSYC 2317D or equivalent.

PSYC 3640D - Marital Adjustment

3 3 hours. Physiological, psychological and social economic factors involved in marital adjustment; practical education for marriage and parenthood. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 3700D - Ecological Psychology

3 3 hours. Effects of changing ecological conditions, such as the increased use of chemicals, the processing of foods, and the contamination of water and air on human behavior. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 4000D - Abuse in Adult Relationships

3 3 hours. A general survey of current research on psychological, interpersonal and situational factors involved in physical and emotional abuse in dating, cohabiting and marital relationships. The interdisciplinary body of research is covered from a psychological perspective. Prerequisite(s): PSYC 3650 or equivalent.

PSYC 4020D - Psychology of Death and Dying

3 3 hours. Concepts and attitudes concerning death and dying from a psychological perspective; current research on death and dying; development of insights and understanding to prepare the student to interact effectively with people who are terminally ill and their family members. Prerequisite(s): PSYC 1630D or 1650D.

PSYC 4040D - Advanced Seminar in Psychology (Capstone)

3 3 hours. This course is designed for Senior Psychology majors to develop a senior thesis that integrates and applies psychological ideas, theory, and methods in order to complete primary or secondary analysis. Prerequisite(s) : PSYC 4600D, 3200D, and 3210D.

PSYC 4110D - Interviewing for Paraprofessionals in Psychology

3 3 hours. Introduction to the interviewing process in mental health service settings. Includes purposes, objectives, goals, types and skills of interviewing via lectures, plus taped and live demonstrations. Prerequisite(s): PSYC 4610D.

PSYC 4300D - Psychosocial Issues in HIV/AIDS

3 3 hours. Examines the psychosocial factors that are related to health-related behaviors in both healthy people and people living with HIV/AIDS. Prepares students who expect to pursue careers in health service fields (e.g. psychologists, physicians, biologists, dentist, etc.) to be conscious of issues that HiV + people face daily. Students interested in HIV/AIDS as a social phenomenon are encouraged to enroll. Prerequisite (s): PSYC 1630D or 1650D.

PSYC 4470D - Sexual Behavior

3 hours. Impact of psychosocial factors on development and expression of human sexuality. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 4480D - New Directions in Psychology

3 3 hours. In-depth study of traditional roles and interests versus current roles and interests of psychologists designed to keep students abreast of the rapidly expanding and changing field of psychology. Topics include changes of duties in schools, legal systems, law enforcement, business and industry, government, biology and medicine, as well as other areas. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 4510D - Practicum

1-3 1-3 hours. In-depth study of areas of specific interest. Practical experience in supervised settings. Prerequisite(s): senior standing and consent of department. May be repeated for credit.

PSYC 4520D - Personality

3 3 hours. Major approaches to conceptualization of personality; psychodynamic, phenomenological and trait-type learning models. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 4600D - History and Systems

3 3 hours. Principal historical antecedents of modern psychology, relevance to major contemporary systematic positions; philosophy of science, associationism, structuralism, behaviorism, functionalism, Gestalt and psychoanalysis; recent psychological theories. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 4610D - Abnormal Psychology

3 hours Major psychoses, neuroses and other types of maladaptive behavior patterns that are common problems in society; descriptions of symptomatology, theoretical approaches and epidemiological variables. Prerequisite(s): junior standing and 12 hours of psychology, or consent of department.

PSYC 4620D - Abnormal Child Psychology

3 3 hours. A survey of the symptomatology, theoretical perspectives and treatment approaches of psychological disorders seen in infants, children and adolescents. Prerequisite(s): PSYC 3620D or PSYC 4610D.

PSYC 4640D - Psychophysiology

3 3 hours. Physiological processes of the body and relationships to behavior. Sensory and motor processes, learning and memory, and physiological problems of motivation and emotion. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 4670D - Behavioral & Biopsychosocial Challenges within LGBT Communities

3 3 hours. Understanding the health-related behaviors and psychosocial factors associated with sexual minorities (LGBT; lesbian, gay bisexual & transgendered), primarily in the U.S. Designed for healthcare workers, educators, service providers and individuals who work with or are interested in LGBT communities.

PSYC 4690D - Introduction to Learning and Memory

3 3 hours. Explores the processes of acquiring and using knowledge. In particular, basic principles in conditioning, concept learning, and human memory are taught as a foundation to the understanding of learning. Prerequisite(s): PSYC 2950D or consent of department.

PSYC 4700D - Psychobiology of Stress : The Mind-Body Connection

3 3 hours. The biology of the stress response is detailed. The effects of this response on a number of topics including but not limited to aging, memory, and depression are discussed. The effects of the stress response on immunity and illness are highlighted. Prerequisite(s) : PSYC 4640D or consent of department.

PSYC 4800D - Introduction to Perception and Cognition

3 3 hours. A general survey of current data in perception and cognition. Perception topics covered are psychophysics, sensory psychology, perceptual constancies and the development of perception. Cognition topics include short- and long-term memory, problem solving, concept formation and the acquisition of knowledge. The information processing approach is emphasized as a means of interpreting perception and cognition. Prerequisite(s) : PSYC 1630D or 1650D.

PSYC 4900D - Special Problems

1-3 1-3 hours each.

PSYC 4910D - Special Problems

1-3 1-3 hours each.

Public Administration - Undergraduate

PADM 3700D - Issues in Public Administration

3 hours An in-depth investigation of a contemporary issue of concern to public managers. Possible topics include managing nonprofit organizations, public-private partnerships and ethics in government. May be repeated for credit as topics vary.

Public Administration - Graduate

PADM 5010D - Public Administration and Society

3.0 3 hours Examination of the political, institutional, organizational, ethical, social, legal and economic environments in which public administrators operate. Prerequisite(s): None. Must be taken in the first term/semester of course work.

PADM 5020D - Leading and Managing Public Organizations

3.0 3 hours Survey of contemporary theories and applications of managing high performance public organizations. Focus on leadership approaches, strategy, decision making, change management, networks and collaboration, privatization, and groups and teams. Prerequisite(s): PADM 5010D (may be taken concurrently).

PADM 5030D - Managing Human Resources

3.0 3 hours Theory and application of managing human behavior in public organizations. Topics include motivation, supervision, conflict management, workplace diversity and the functions of public personnel systems including job design, analysis, and classification; recruitment and selection; compensation, development, training, and evaluation; promotion and discipline; and employee law. Prerequisite(s): PADM 5010D , PADM 5020D .

PADM 5035D - Professional Practice for Public Managers

3.0 3 hours Workshop teaches current and future public managers how to operate a government agency on a day-to-day basis. Managerial practices include the meaning of public service, communication in the public sector, making effective presentations, facilitating effective meetings, executive-legislative relations, citizen relations, media relations, and ethics. Prerequisite(s): Enrollment in course restricted to last two semesters in MPA program. To be taken during the last two semesters of course work.

PADM 5050D - Legal Issues in Public Administration

3.0 3 hours. This course focuses on the relationship between public management and the law. Explores the role of bureaucrats in formulating law and policy through the rule-making process and the control of executive branch agencies by the executive, the legislature, and the courts.

PADM 5200D - Public Personnel Management

3 3 hours. Managing human resources in national, state and local governments.

PADM 5310D - Economic and Community Development

3.0 3 hours. This course examines the basic role of governance as an instrument of economic and community development in the United States. Focus on the meaning and application of development primarily on subnational development with particular reference to cities and towns. Topics include economic development tools, politics of development, development financing, and development organizations.

PADM 5400D - Managing Financial Resources

3.0 3 hours Principles of the budgetary process and innovations in budget preparation with emphasis on the role of the budget as a tool for financial control, improving program performance, and policy making. Topics include budget innovation, accounting and financial reporting. Prerequisite(s): None.

PADM 5410D - Capital Budgeting and Planning

3 3 hours. Examination of capital budgeting and planning in government. Course explores the financial aspects of water and waste water utilities, roads and highways, airports, parks, storm water drainage and other infrastructure. Key dimensions of budgeting, planning and managing public works facilities are detailed through lectures, case studies and papers.

PADM 5420D - Revenue Policy and Administration

3 3 hours. Examination of the economic, political and administrative issues that governments encounter when making revenue decisions, including how to achieve equity, economic efficiency and administrative feasibility. Topics include the three principal revenue sources of government income, sales and property taxes plus such nontax sources as user charges, grants-in-aid and lotteries.

PADM 5430D - Financial Accountability in Government

3 3 hours. An introduction to financial control in government, including fund accounting, financial reporting, internal controls and auditing. Particular emphasis is given to the public manager's use of accounting information in such contexts as budget decision making, pricing government services, cash planning and municipal bond ratings.

PADM 5500D - Administrative Research Methods I

3.0 3 hours Introduction to methods and techniques of applied research and statistical analysis. Topics include probability, descriptive statistics, estimation, hypothesis testing, contingency table analysis and regression analysis. Prerequisite(s): None.

PADM 5510D - Administrative Research Methods II

3.0 3 hours Course in program evaluation focusing on the practical application of appropriate social science research methodology to assess the effectiveness and efficiency of public and nonprofit sector programs and policies. Covers a broad range of topics on how to develop an evaluation plan; design various types of evaluations such as process, impact, cost-benefit, and cost-effectiveness evaluations; and how to manage evaluation projects. Prerequisite(s): PADM 5500D .

PADM 5550D - Seminar in Program Evaluation

3.0 3 hours. Advanced course in evaluation, performance measurement, and monitoring in the management of government programs. Uses methods of social science to evaluate the effectiveness of government services. Prerequisite(s): PADM 5510D .

PADM 5560D - Performance Measurement in Public and Nonprofit Sectors

3 3 hours. Overview of the performance measurement process, including benchmarking and performance monitoring in public and nonprofit organizations. The overall objective of the course is to acquaint program administrators and other practitioners with conceptual tools essential to understanding the development of performance measurement systems and the techniques necessary to enable them to apply the concepts in their work environments. Emphasis is on the practical application of the techniques of performance measurement in field settings.

PADM 5610D - Disaster Preparedness and Management

3 3 hours. Examination of the theory and practice of emergency management. Particular emphasis is given to the major issues affecting emergency management, including strategies to promote planning for mitigating disasters. Emphasis is on the evolving role of the Federal Emergency Management Agency (FEMA), state and local government, and emergency managers in the disaster management arena.

PADM 5615D - Environmental Planning and Hazards

3 3 hours. Introduction to environmental planning and policy at the federal, state and local government levels. Designed to help students develop a working knowledge of basic planning and policy concepts, methods, institutions and issues. Emphasis is given to the linkage between environmental degradation and vulnerability to hazards.

PADM 5700D - Seminar in Public Administration

3 3 hours. Concepts, problems and processes of public administration. May be repeated for credit as topics vary.

PADM 5800D - Public Management Internship

3.0 3 hours each. Pre-career MPA students must enroll in this graded course in their first semester. Acquisition of practical management experience through a series of seminars designed to prepare pre-career students for a 440-hour internship with a public or non-profit organization. Academic supervision and evaluation of internship performance along with a final presentation are required.

PADM 5900D - Special Problems

1.0-3.0 1-3 hours each. Conference courses open to advanced students capable of doing independent research under the direction of the instructor. Prerequisite(s): consent of department chair.

PADM 5910D - Special Problems

1.0-3.0 1-3 hours each. Conference courses open to advanced students capable of doing independent research under the direction of the instructor. Prerequisite(s): consent of department chair.

Public Administration and Community Service - Undergraduate

PACS 3000D - Community and Public Service

3 hours Designed for individuals preparing for a career in community, public, or human service professions. Promotes understanding of self in relation to philosophy and practice of community and public service. Students examine social issues, study and discuss concepts in community service disciplines, learn professional skills, explore service careers and organizations appropriate for their unique interests and abilities, and apply their base of knowledge to further the purpose of civic involvement. Community service professionals offer real-world viewpoints and experiences contributing to the decision-making process.

PACS 4000D - Mediation

3 hours Develops mediator competence. Defines and examines the process of mediation. Covers the history and development of mediation and introduces theories of conflict management. Reviews diverse settings of mediation, such as domestic, commercial, non-profit, employment and institutional environments. Significant legal, ethical, professional cultural and gender considerations are explored. Students participate in mediation exercises and simulations. Required for interdisciplinary minor in alternative dispute resolution.

PACS 4010D - Family Mediation

3 hours Provides mediators with advanced practical skills and clear theoretical understanding of family mediation, with particular emphasis on divorce and child custody issues. Meets statutory requirements of Texas and many other states for mediators of disputes relating to the parent-child relationship. Perequisite(s) : PACS 4000D Mediation.

PACS 4020D - Dispute Resolution in the Workplace

3 hours Review of alternative dispute resolution (ADR) to address sources of conflict in the workplace. Examines procedures and benefits of arbitration, mediation, ombudspersons, mini-trials, neutral fact-finding and other alternatives to litigation-based conflict resolution. Trends in use and ethical/professional considerations are considered.

PACS 4030D - Dispute Resolution in a Global Workplace

3 hours Explores the relationship of trade-based and work-based conflict with special focus on alternative dispute resolution practices. Examines dispute resolution options available in trade agreements and their implications for workplace and trade. Students learn the benefits and limitations of workplace conflict resolution practices in an environment with multiple layers of world trade.

PACS 4040D - Crisis Intervention

3 hours Provides overview of crisis intervention from the perspectives of a host of intervention organizations and professionals. Reviews the tactics, techniques, behaviors, emotions and motivations of those who intervene or negotiate in crisis situations as well as those who intervene or negotiate in crisis situations as well as those of persons who precipitate such actions and their victims. Students will be introduced to professionals who negotiate interventions in suicide, workplace and domestic conflict situations. They will also review existing research and practices about such interventions.

PACS 4050D - Negotiation and Dispute Resolution

3 hours Introduces the fundamentals of non-litigation strategies for a variety of business, professional and personal settings. Learning and skills are developed through lecture, role playing, out-of-class assignments, case studies and negotiation simulations. Required for interdisciplinary minor in alternative dispute resolution

PACS 4060D - Practicum in Mediation and Dispute Resolution

3 hours Provides opportunity for students to round out their education in dispute resolution through participation in numerous exercises, simulations and actual mediations and/or other forms of alternative dispute resolution.
Prerequisite(s): .PACS 4000D

PACS 4200D - Leadership Theory and Practice for Volunteer Managers

3 3 hours. Overview of organizational leadership theory and practice for volunteer managers and community leaders. Students examine and develop a range of skills in a number of interpersonal areas: group dynamics, decision-making, managing differences, and leadership and influence as they pertain to primarily non-profit organizations and their ability to lead a volunteer workforce. May not be repeated if credit has been received for it at the graduate level.

PACS 4220D - Proposal Writing and Grants Administration

3 hours Students will learn the basic steps in researching funding ideas including how to use the Internet as a fundamental tool, and the detailed steps required for preparing funding applications. The course will also focus on the skills and tools needed to monitor funds once grants have been awarded. Prerequisite: Students should complete 3000-level courses before enrolling in this 4000-level course. HSML majors must complete HSML 3000D and PACS 4250D before taking this course.

PACS 4240D - Volunteer Management Concepts and Applications

3 hours Analysis and review of day-to-day applications of management principles to the administrative and operating practices of contemporary volunteer programs in the public, not-for-profit, and for-profit sectors. Focuses on volunteer program management and organization, including targeting, recruiting, training, supervising, motivating, counseling, retaining and recognizing volunteer workforces. May not be repeated if credit has been received for it at the graduate level. Prerequisite: Students should complete 3000-level courses before enrolling in this 4000-level course. Students may take this class concurrently with HSML 3000D .

PACS 4250D - Community Resource Mapping and Collaboration

3 hours Analyzes systems that measure community assets and resources. Explores the means of identifying and approaching potential collaborative community partners, and focuses on the development of joint proposals and/or business plans. Provides an overview of the role of volunteer managers and agency leadership of community organizations that provide resources in the development of a collaborative, capacity building community. An ecological approach is used to analyze the full range of human service agency services: health, social, educational, diagnostic, enrichment, religious, civic and legal. Students have an opportunity to do field work with agency staff on assigned community projects. Prerequisite: Students should complete 3000-level courses before enrolling in this 4000-level course.

PACS 4310D - Community Service Internship

3 3 hours. (0;0;8) Supervised work in a community agency that is directly related to the student's major, professional field or career objective. Duties, learning objectives, reporting and supervisory functions are agreed on beforehand by the agency and the student. May be repeated for credit. Prerequisite(s): meet the employer's requirements and consent of program director.

PACS 4900D - Special Problems

1-3 hours Special problems and research in economic development or regional/sectoral analysis. Registration permitted only upon approval of instructor.

PACS 4980D - Experimental Course

1-4 hours New courses offered on a trial basis.

Reading - Undergraduate

EDRE 1200D - Developmental Reading

3 hours Strategies for improving comprehension of college texts. Includes vocabulary development, comprehension monitoring, critical reading, summarizing and rate flexibility. Students must complete the course for a passing grade of at least C. Credit in this course does not fulfill any degree requirement.

EDRE 4450D - Reading and Writing (Birth through Grade 6)

3 hours (3;0;0) Examines theoretical and practical aspects of emergent literacy. The course focuses on developmentally appropriate practices that foster motivated, strategic readers and writers. Emphasizes development of early language and pre-literacy skills, common school literacy practices, parental/social influences and affective elements related to early reading. Includes 1 additional hour of field experience. Prerequisite(s): admission to the teacher education program and DFEC 3123.

EDRE 4820D - Reading and Writing in Grades 4-8

3 hours Examines reading and writing processes, the development of reading and writing abilities and skills, theories and models of reading, the nature of the balanced reading program, instructional strategies, planning and materials for the 4-8 literacy learning environment. Prerequisite(s): admission to the teacher education program.

EDRE 4840D - Linguistically Diverse Learners

3 hours Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): Admission to the teacher education program, EDRE 4450D/EDRE 4820D (may be taken concurrently), LING 3060D (may be taken concurrently).

EDRE 4850D - Assessment and Evaluation of Reading

3 hours Examines a variety of assessment and evaluation strategies that are appropriate for the classroom teacher to utilize. Although both formal and informal procedures are introduced, the main focus is on non-intrusive, naturalistic procedures. Observations are required. Prerequisite(s): EDRE 4450D or EDRE 4820D.

EDRE 4860D - Reading and the Language Arts in Grades EC-8

3 hours Problems related to the comprehension and expansion of symbols of meaning; the interrelationship of reading with other areas of language arts. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major, and DFEC courses.

EDRE 4870D - Cross-Curricular (Content Area) Literacy Materials and Resources

3 hours Prepares pre-service teachers within both EC-4 and 4-8 certificate programs to plan for and implement literacy instruction across the curriculum. Selecting, evaluating and using developmentally and culturally appropriate materials and resources will be a focus as well as using content literacy strategies which support independent reading and writing in the content areas. Prerequisite(s): Admission to the teacher education program and EDRE 4450D (for EC-6) or EDRE 4820D (for 4-8 English Language Arts) or EDSE 4060D (for 4-8 Social Studies, Science, or Mathematics).

EDRE 4890D - Inquiry into Classroom Practice

3 3 hours. Emphasis on reflective inquiry as teacher candidates relate theory and research to their own teaching experiences. The course addresses the following topics : Inquiry into curricular content and structure, pedagogical practices, assessment approaches, student diversity, and equity issues as well as professional communication and engagement. Required for Clinical Teaching. Must be taken concurrently with Clinical Teaching. Prerequisite(s) : Successful completion of Early Clinical Teaching and current placement in a field site for Clinical Teaching.

EDRE 4900D - Special Problems

1-3 hours

EDRE 5070D - Literacy Development for English Language Learners

3 5070. Literacy Development for English Language Learners. 3 hours (0;0;3). A detailed analysis of reading and writing instruction for English language learners. Includes theoretical models, recognition of current issues related to integrated literacy instruction, and delineates best practices for English literacy development in educational settings.

Reading - Graduate

EDRE 5180D - Advanced Assessment and Evaluation in Reading

3 3 hours. An exploration of current techniques for assessment and evaluation in reading. Merging assessment and instruction in classrooms is emphasized. Prerequisite(s): EDRE 5370D or equivalent.

EDRE 5190D - Reading Assessment and Instruction for Special Populations

3 3 hours. Development, implementation and evaluation of assessment and instructional procedures in reading for special populations. Supervised instruction in a clinic setting is required. Prerequisite(s): EDRE 5180D or equivalent. May be repeated once for credit

EDRE 5200D - Development and Supervision of Reading Programs

3 3 hours. Analysis of the total reading program, emphasizing specific strategies for improvement of programs. Prerequisite(s): EDRE 5370D or equivalent

EDRE 5370D - Advanced Reading Theory/Practice

3 3 hours. A program designed to provide understanding of the many facets of the reading act, to provide opportunities for evaluation of approaches to teaching reading and to acquaint students with basic research in reading. Prerequisite(s): EDRE 4820D or equivalent.

EDRE 5520D - Writing Workshop Approaches

3 3 hours. This course includes theory, research, and instructional practice related to composition instruction and writing workshop approaches, including classroom organization, the writing process, and performance-based assessment practices. This may be repeated for credit with advisor approval for a maximum of 6 hours.

EDRE 5550D - Literacy Instruction in Our Culturally Diverse Society

3 3 hours. Establishes an awareness of the significance of culturally responsive literacy instruction and an understanding of the various components and characteristics of a learning context that support a diverse population. Emphasis on instruction, multicultural children's literature, issues surrounding literacy instruction and assessment of such.

EDRE 5900D - Special Problems

1-3 1-3 hours. Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and approved in advance by the instructor. Open only to resident students.

Real Estate - Undergraduate

REAL 2100D - Principles of Real Estate

3 hours **TCCNS Number:** -1301

A survey of real estate principles, including real estate market, financial, investment and legal analysis. Home ownership and real estate investment for personal benefit are emphasized.

REAL 4000D - Real Estate Finance

3 hours Examination of the process and methods of financing both residential and commercial properties. Primary focus is on the lender's perspective in mortgage loan analysis. Prerequisite(s): REAL 2100D and FINA 3770D, or consent of department.

REAL 4200D - Property Management

3 4200. Real Estate Asset Management. 3 hours. Examination of the process and methods of managing real property assets. Topics include property leasing, marketing, maintenance, personal supervision, taxation and cash-flow analysis. Emphasis is given to Residential Property Management. Prerequisite(s): REAL 2100.

REAL 4210D - Advanced Property Management

3 hours 4210. Advanced Property Management. 3 hours. Detailed focus on advanced aspects of managing real property assets. Topics include market analysis and segmentation, advanced asset management, and risk management. Prerequisite(s) : REAL 4200 or consent of department.

REAL 4300D - Real Estate Investments

3 hours Analysis of real estate investments during the origination, operation and termination phases. Primary emphasis is on financial feasibility and cash-flow analysis. Prerequisite(s): REAL 2100D and FINA 3770D, or consent of department.

REAL 4400D - Real Estate Valuation

3 hours 4400. Real Estate Valuation. 3 hours. Theory and methods of residential and income property appraisal. Topics include real estate market analysis, highest and best use analysis, and capitalization techniques. Income property valuation techniques are emphasized. Prerequisite(s): REAL 2100 and FINA 3770, or consent of department.

Rehabilitation - Undergraduate

RHAB 3000D - Microcounseling

3 3 hours. Microcounseling skills and case presentation. Students learn and practice specific interpersonal communication and microcounseling skills related to human service delivery.

RHAB 3900D - Case Management in Rehabilitation

3 hours Application of the rehabilitation model as an approach to individualized service delivery. Focuses on interviewing, assessment, individualized service planning, and coordination of rehabilitation services. Prerequisite(s): RHAB 3100 and COUN 3000D .

RHAB 3975D - Addictions

3 hours Examines the relationship of substance abuse and addiction to individual functioning and health, social welfare, criminality, and family life. Reviews the history of drug use, control and treatment as well as modern methods of treatment.

RHAB 4075D - Drugs and Alcohol

3 hours Covers the psychological, biological and behavioral causes and effects of substance abuse and addiction with particular focus on the impact of alcohol, cannabis, nicotine, opiates, stimulants, depressants and hallucinogens on mind, body and behavior. Prerequisite (s): Students should complete 3000-level courses before enrolling in this 4000-level course.

RHAB 4175D - Addiction Treatment Models

3 hours Provides an overview of treatment strategies used in the treatment of alcohol/drug abuse and dependence. Examines the basic chemical dependency treatment service delivery systems within the context of AODA counseling theory. Prerequisite(s) : RHAB 4075D or RHAB 3975D.

RHAB 4275D - Alcohol, Drugs and Disability

3 hours Examines the biological, psychological and systemic nature of substance abuse and addiction, their overlap with other mental and physical disabilities and relationship to the process of rehabilitation.

RHAB 4375D - Addiction Counseling and Groups

3 hours Principles and practice for the most common form of addictions treatment offered today. Explores methods of dealing with substance abuse issues in a group and offers opportunities to apply skills in class setting. Prerequisite(s): RHAB 4175D. HSML majors must complete HSML 3000D .

RHAB 4475D - Assessment of Alcoholism and Chemical Dependency

3 hours Explores the tools and dynamics of assessing chemical dependency, the placement and referral of these clients and treatment planning. Students learn to systematically gather data from clients and other sources; to use psycho-social instruments that are sensitive to age, gender and culture; and to apply accepted criteria in diagnosing substance abuse disorders and making treatment recommendations. Prerequisite(s): HSML majors must complete HSML 3000D .

RHAB 4575D - Current Issues in Substance Abuse

3 hours Current issues in chemical dependency are explored using various types of research reports and other professional literature. These sources are used to help students understand the role of research in developing programs, formulating policies and evaluating one's practice. Students become critical consumers of professional literature as they develop specialized expertise on specific problems, groups or practices used in treating addictions and substance abuse. May be repeated for credit as topics vary.

RHAB 4675D - Alcohol Drug Abuse Counseling

3 hours Practice of alcohol and other drug abuse (AODA) counseling focuses on familiarizing students with the core competencies necessary for effective interventions within addiction treatment settings and prepares them to apply these

skills in AODA counseling practice. Prerequisite(s): RHAB 4175D & RHAB 4475D. HSML majors must complete HSML 3000D .

RHAB 4800D - Studies in Rehabilitation

1-3 hours May be repeated for credit as topics vary. Prerequisite(s): consent of department.

RHAB 4900D - Special Problems

1-3 hours

Risk Management and Insurance - Undergraduate

RMIN 2500D - Principles of Risk and Insurance Management

3 hours Consumer-oriented study of basic risk theory, elementary risk management techniques and fundamental principles: individual life insurance and annuity products; automobile, homeowners, health and selected social insurance programs; insurers and their operations; guidelines for efficient purchase and use of insurance products. Recommended for all students, regardless of major field of interest.

RMIN 4300D - Liability Risk Management & Insurance

3 hours Liability exposures to loss and methods available to treat them; commercial general liability coverage, worker's compensation, business auto insurance; and other insurance products for treating commercial liability loss exposures. Liability insurance underwriting, rating, and pricing.

RMIN 4400D - Employee Benefit Programs

3 hours Reasons for employee benefit programs; group life, medical expense and disability income insurance programs; health maintenance organizations; pension programs and profit-sharing plans; tax considerations and government regulations.

RMIN 4600D - Risk Management

3 hours Study of financial effects of pure risk on businesses and not-for-profit institutions; policy, goals, objectives, organization of effort, identification and evaluation of risk; selection of risk treatment/financing tools; implementation and review of tools used; probability analyses of data and financial evaluation of alternative tools.

Secondary Education - Undergraduate

EDSE 3500D - Knowing and Learning in Mathematics and Science

3 hours Psychological foundations of learning. Problem solving in mathematics and science education utilizing technology. Principles of expertise and novice understanding of subject matter. Implications of high stakes testing. Foundations of formative and summative assessment. Prerequisite(s) : Admission to the Teach North Texas program, a University grade point average of at least 2.50, and TNTX 1100D (may be taken concurrently) or consent of a Texas North Texas adviser in the College of Arts and Sciences.

EDSE 3800D - Professional Issues in Teaching

3 hours An overview of American secondary education, including history, purposes, legal bases, school organization, education as a profession and analysis of characteristics required for professional success.

EDSE 3830D - Teaching/Learning Process and Evaluation

3 hours Examines the processes of learning and the phenomena of adolescent development as they relate to teaching in the secondary school. Prerequisite(s): Junior standing and admission to teacher education.

EDSE 4000D - Classroom Interactions

3 hours Principles of delivering effective instruction in various formats (lecture, lab activity, collaborative settings). Examination of gender, class, race, and culture in mathematics and science education. Overview of policy related to mathematics and science education. Prerequisite(s) : Admission to the Texas North Texas program, a University grade point average of at least 2.50, TNTX 1200D, and EDSE 3500D.

EDSE 4060D - Content Area Reading in Secondary Schools

3 hours (0;0;3) Provides an overview of the reading process with emphasis on reading to learn in the secondary school content areas. Course provides knowledge and skills for identifying reading problems, modifying instructional materials and processes, and using writing to promote learning and thinking in the content areas. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): Junior standing and admission to teacher education.

EDSE 4070D - Teaching Diverse Populations

3 hours (0;0;3) Provides knowledge and skills required for developing and implementing challenging instruction for students who are culturally different, students who receive special education services and students who are identified as gifted and talented. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): Junior standing and admission to teacher education.

EDSE 4108D - Student Teaching in the Secondary School

3 hours Teaching under supervision. Prerequisite(s): EDSE 3800D, EDSE 3830D, EDSE 4060D, EDSE 4070D and EDSE 4840D, and senior standing. Required for those seeking secondary certification. See Student Teaching Program for details. Pass/no pass only.

EDSE 4118D - Student Teaching in the Secondary School

3 hours Teaching under supervision. Prerequisite(s): EDSE 3800D, EDSE 3830D, EDSE 4060D, EDSE 4070D and EDSE 4840D, and senior standing. Required for those seeking secondary certification. See Student Teaching Program for details. Pass/no pass only.

EDSE 4138D - Student Teaching Secondary School - Art

3 3 hours. Teaching art in secondary schools under supervision. Prerequisite(s) : AEAH 3753, 3770, 4750, 4760, 4795, 4780, 4790, EDSE 4060 and 3800. Admission to the visual art studies program, the teacher education program, senior standing, 2.75 GPA in reading and professional development courses. Core Category : Capstone

EDSE 4148D - Student Teaching for Music Education Majors

3 3 hours. Teaching under supervision. For Music Education majors only. Required for those seeking all-level secondary certification. See Student Teaching program for details. Pass/no pass only. Satisfies the Capstone requirement of the University Core Curriculum for Music Education majors. Prerequisite(s) : EDSE 3800, EDRE 4820 or EDSE 4060, DFST 3123, MUED 3200, MUED 4109 or 4103, MUED 4203 or 4209, secondary piano proficiency, theory proficiency, concentration proficiency, computer proficiency, and senior standing.

EDSE 4500D - Project-Based Instruction in Math, Science, and Computer Science

3 hours Foundations of project-based, case-based, and problem-based learning environments. Principles of project-based curriculum development in mathematics and science education. Classroom management and organization of project-based learning classrooms. This capstone course should be taken just prior to student teaching. Prerequisite(s) : Admission to the Texas North Texas program, a University grade point average of at least 2.50, and TNTX 4000.

EDSE 4608D - Student Teaching I in Mathematics and Science

3 hours Teaching under supervision. Required for students seeking secondary certification. See the Teach North Texas program for details. Prerequisite(s) : TNTX 1100D and TNTX 1200D; EDSE 3500D, EDSE 4000D and EDSE 4500D; concurrent enrollment in EDSE 4128; and senior standing.

EDSE 4618D - Student Teaching II in Mathematics and Science

3 hours Teaching under supervision. Required for students seeking secondary certification. See the Teach North Texas program for details. Prerequisite(s) : TNTX 1100D and TNTX 1200D; EDSE 3500D, EDSE 4000D and EDSE 4500D; concurrent enrollment in EDSE 4128; and senior standing.

EDSE 4628D - Apprentice Teaching Seminar in Science, Math and Computer Science

1 1 hour. Discussions include apprentice student teaching experiences. Contemporary critical issues in education. Preparation for the state certification exam. Prerequisite(s) : TNTX 1100 and 1200; EDSE 3500, 4000 and 4500; concurrent enrollment in EDSE 4608 and 4618; satisfactory completion of the preliminary portfolio; and senior standing.

EDSE 4800D - Studies in Education

3 4800. Studies in Education. 1-3 hours each. Organized classes for program needs and student interest. Prerequisite(s): consent of department. Limited-offering basis. May be repeated for credit.

EDSE 4810D - Studies in Education

1-3 1-3 hours each. Organized classes for program needs and student interest. Prerequisite(s): consent of department. Limited-offering basis. May be repeated for credit.

EDSE 4840D - Instructional Strategies and Classroom Management

3 hours (0;0;3) This course is taken during the semester immediately preceding student teaching. It provides knowledge and skills required for organizing and directing various instructional strategies in the secondary classroom. Content

includes teaching strategies, approaches to classroom management and discipline, student motivation, student and teacher assessment and evaluation, and the use of media and technology in the classroom. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): Junior standing, admission to teacher education, and completion of or concurrent enrollment in all education coursework excluding student teaching.

EDSE 4900D - Special Problems

1-3 hours

EDSE 4910D - Special Problems

1-3 1-3 hours each.

Secondary Education - Graduate

EDSE 5003D - Successful Teaching in the Secondary School

3 3 hours. This course will provide preparation for successful teaching in the contemporary secondary school. It will focus on instructional planning, teaching strategies, classroom management and other teacher competencies necessary in today's diverse classrooms. Prerequisite(s): EDSE 5001 and 5002.

EDSE 5004D - Literacy for All

3 3 hours. Provides a brief overview of relevant theory with emphasis on practical applications. Designed to help prospective and practicing middle and secondary school teachers in all content areas increase and enhance students' learning, especially from printed materials. Also helps secondary teachers recognize and compensate for the variety of students' ability levels. Includes cognition related to reading, Metacognition, schemata, constructivism, vocabulary learning, writing to learn, literacy strategy instruction, assessment of literacy, text analysis, academic diversity and the use of resources other than textbooks to enhance learning.

EDSE 5108D - Student Teaching in the Secondary Schools

3 3 hours. Teaching under supervision. Prerequisite(s): EDSE 5001, 5002, 5003, 5004 and 5130. Research paper may be required. Required for those seeking secondary certification. See student teaching program for details. Pass/no pass only.

EDSE 5118D - Student Teaching in the Secondary Schools

3 3 hours. Teaching under supervision. Prerequisite(s): EDSE 5001, 5002, 5003, 5004 and 5130. Research paper may be required. Required for those seeking secondary certification. See student teaching program for details. Pass/no pass only.

EDSE 5310D - Pedagogical Content Knowledge for Teachers of Algebra

3 3 hours. Research based practices in the teaching of algebra. This course focuses on the nature of algebraic thinking and reasoning as well as the overarching algebraic concepts. Prerequisite(s) : Certification in middle or secondary mathematics or permission of instructor.

EDSE 5320D - Pedagogical Content Knowledge for Teachers of Geometry

3 3 hours. Research-based practices in the teaching of geometry. This course focuses on the nature of geometric thinking and reasoning as well as the overarching geometric concepts. Prerequisite(s) : Certification in middle or secondary mathematics or permission of instructor.

EDSE 5330D - Assessment of Learning in Mathematics Education

3 3 hours. Emphasis on alternatives for evaluating mathematical thinking. Attention is given to concept mapping and clinical interviewing from a constructivist perspective. Prerequisite(s) : Certification in middle or secondary mathematics or permission of instructor.

EDSE 5340D - Innovations in Mathematics Teaching and Learning

3 3 hours. Knowledge and skills for adopting innovations in mathematics teaching and learning. Attention is given to situated learning and to equitable learning opportunities for students. Prerequisite(s) : Certification in middle or secondary mathematics or permission of instructor.

EDSE 5400D - Curriculum Development in the Middle School

3 3 hours. Analysis of the bases and techniques for curriculum development in the middle school with particular emphasis on the nature of the early adolescent learner and salient elements of middle school theory. Includes practical problems in developing curricula for middle schools and implementation of innovation in the middle school setting.

EDSE 5800D - Studies in Education

1-3 hours Organized classes specifically designed to accommodate the needs of students and the demands of program development that are not met by the regular offerings. Short courses and workshops on specific topics organized on a limited-offering basis, to be repeated only upon demand. May be repeated for credit. (Same as EDCI/EDEE 5800-5810.)

EDSE 5900D - Special Problems

1-3 1-3 hours each. Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and approved in advance by the instructor. Open only to resident students.

EDSE 5910D - Special Problems

1-3 1-3 hours each. Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and approved in advance by the instructor. Open only to resident students.

Social Work - Undergraduate

SOWK 3500D - Human Behavior and the Social Environment I

3 hours Theories of human interaction as a framework for practice decisions. Ecological and strengths-based perspective to explore social systems as vehicles for individual and societal change. Part of a two-course sequence focusing most specifically on the human life course as it is impacted by biological, psychological, social and cultural factors. Prerequisites(s): SOWK 3500; SOCI 3800D; SOWK 4540D. Co-requisite with SOWK 4800 and SOCI 4880.

SOWK 4500D - Human Behavior and the Social Environment II

3 3 hours. Presents theories of human interaction as a framework for practice decisions. Employs an ecological and strengths-based perspective to explore social systems as vehicles for individual and societal change. This is part of a two-course sequence and focuses most specifically on systems which impact life, starting with the individual as a multi-dimensional system and moving through families, groups, organizations, communities, and society.

Prerequisite(s): completion of pre-major courses or consent of department.

SOWK 4540D - Human Diversity for the Helping Professions

3 hours Conditions and issues affecting human diversity across American populations; including socio-psychological and cross-cultural patterns and traditions of oppression, with emphasis on social policies in the Southwest and strategies for change. This course is intended for human service professionals. Prerequisite: HSML Majors: This class may be taken concurrently with HSML 3000D - Human Service in the Nonprofit Sector .

SOWK 4700D - Child Welfare Theory, Practices and Services

3 hours Contemporary theory, practices and services in child welfare; services for abused and neglected children, adoptions, foster care and unwed mothers. Prerequisite(s): SOWK 1450 or consent of department.

Sociology - Undergraduate

SOCI 1510D - Introduction to Sociology

3 hours **TCCNS Number:** (1301)

Social and cultural basis for human behavior; impact of societal groups and organizations on personal identity, feelings and actions; influence on the self in relation to the family, peer groups, social classes, religion and social institutions. Satisfies arts and sciences core social science requirements. Required of all sociology majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

SOCI 1520D - Contemporary Social Problems

3 hours **TCCNS Number:** -1306

Conditions disruptive to society today, both those seen as problematic as a whole and those that violate the norms of special groups in society; includes population, poverty, minorities, crime, drugs, sexual deviance, mental illness, changing family patterns and violence. Satisfies arts and sciences core social science requirements. Advised for students planning sociology graduate work. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

SOCI 2010D - Race, Class, Gender and Ethnicity

3 hours **TCCNS Number:** -2319

Social, cultural and economic perspectives on Native, African-, Asian- and Mexican-Americans; emphasizes work and family patterns for both women and men, racism and sexism and contemporary movements for equality. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum. (Same as WMST 2420.)

SOCI 2050D - Sociology of Sport

3 hours A study of social behavior in sport, with particular emphasis on its relationship to the cultural perspectives of socialization, minorities, economics, politics and current issues. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum. (Same as KINE 2050.)

SOCI 2070D - Introduction to Race and Ethnic Relations

3 hours Introduction to the basic theories within current and historical race and ethnicity relations. Includes examination of evidence of continuing prejudice, institutional discrimination and modern forms of racism. Other topics include assimilation, pluralism, contact hypothesis, anti-racism, immigration, segregation and racial identity. Required for all ethnic studies minors.

SOCI 2100D - Crime and Justice in the United States

3 hours This course examines the societal responses to people and organizations that violate criminal codes; discusses the history, development, organization and philosophy of the justice process; and analyzes the complex inter-relationships between the major components of the criminal justice system (police, courts and corrections). Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum. (Same as CJUS 2100D.)

SOCI 3000D - Sociology of Marriage and Family

3 hours Interpersonal dynamics of marriage and family life; role and influence of the family as both a powerful primary group and as a social institution in society; current status of families in the United States plus cross-cultural and historical patterns. Prerequisite(s): SOCI 1510D or equivalent. Advised for students planning sociology graduate work.

SOCI 3110D - Sociology of Mental Health, Mental Illness and Mental Health Care

3 hours Effects of social stresses and social integration on the mental health of various age, sex, ethnic and other groups within society; mental health care system and problems of access to that system among different subgroups in the population.

SOCI 3120D - Sociology of Health and Illness

3 hours Effects of social factors, such as age, sex, race and social class, on health and illness; differential access to health care services among subgroups of the U.S. population, including Blacks, Hispanics, Indians and the elderly; strains in the organization of the health care delivery system.

SOCI 3190D - Correctional Counseling

3 3 hours. Study of the basic purposes and techniques of counseling with consideration given to the development of interpersonal skills required to enhance communication and to effect positive behavioral change. Special attention is devoted to exemplary and experimental programs aimed at promoting long-range social adjustment. Experiential learning is provided through case studies and situational exercises.

SOCI 3200D - Sociological Theory

3 hours Survey of development of sociological theory; emphasizes nature and types of contemporary theory. Prerequisite(s): SOCI 1510D or equivalent. Required of all sociology majors.

SOCI 3220D - Quantitative Data Collection

3 hours Principles and procedures, sources of data, techniques of collection and analysis of quantitative data. Focus on survey research, secondary data analysis and other quantitative methods. Prerequisite(s) : advanced (junior or senior) standing; SOCI 1510D. Required of all sociology majors.

SOCI 3240D - Qualitative Data Collection

3 hours Principles and procedures, sources of data, techniques of collection and analysis of qualitative data. Focus on how Sociologists use face to face interviewing, participant observation, focus groups and other qualitative methods. Prerequisite(s) : advanced (junior or senior) standing; SOCI 1510D. Required of all sociology majors.

SOCI 3280D - Quantitative Methods of Social Research

3 hours Role of quantitative methods in social research; application of quantitative techniques and procedures to social data, statistical inference; data processing. Prerequisite(s): SOCI 3220D or equivalent. Required of all sociology majors. Restricted to Sociology majors only.

SOCI 3300D - Urban Sociology

3 hours Rise of the city; ecological distribution and processes; suburb metropolitan areas; trends in urbanization. Prerequisite(s): SOCI 1510D or equivalent. Advised for students planning sociology graduate work.

SOCI 3330D - Social Stratification

3 hours Bases of social differentiation; status, power and mobility in social systems; influence of stratification on behavior; class structure in the United States. Prerequisite(s): SOCI 1510D or equivalent. Advised for students planning sociology graduate work.

SOCI 3460D - Correctional Systems

3 hours This course focuses on prisons and jails. It examines the goals and history of punishment, the death penalty, the composition and social organization of jail and prison populations; bail, detention, sentencing and classification; institutional management and the conflicts between rehabilitation and punishment. Prerequisite(s): SOCI 2100D or equivalent. (Same as CJUS 3400D.)

SOCI 3550D - Collective Behavior

3 hours Human behavior in sporadic and unstructured situations; theories and case studies of rumors, crowds, panics, riots, disasters, fads and crazes; links among collective behavior episodes, social movements and social change. Prerequisite(s): SOCI 1510D or equivalent.

SOCI 3560D - Sociology of Disasters

3 hours This course focuses on an introduction to the study of human response to disaster events, including political and economic factors influencing vulnerability. Case studies of major disasters are used to explore topics such as the impact of gender, class, ethnicity, and age on vulnerability, response, and impacts; the effects of larger political and economic systems on disaster response; and the relationship of disasters to social change. Prerequisite(s): SOCI 1510D or equivalent.

SOCI 3600D - The Multiracial Family

3 hours Academic study of the dynamics found in multiracial families. Important concepts in race/ethnicity studies such as assimilation, racial identity and pluralism. Other topics include passing, one-drop rule, interracial dating/marriage, bi- or multiracial identity and transracial adoption.

SOCI 3620D - Juvenile Delinquency

3 hours Examines juvenile delinquency in the United States. Specific attention is devoted to the definitions, measurement, and correlates of juvenile delinquency. Additional focus is paid to the various theories of juvenile delinquency and what each theory prescribes for preventing treating and handling juvenile delinquents. (Same as CJUS 3620D.)

SOCI 3630D - Drugs, Crime and Society

3 hours Examines the relationship between drugs, crime and human behavior. Explores the relationship between drug abuse and crime and the policy proposals developed to control drug trafficking, drug abuse, and drug-related crime, as well as the multi-faceted aspects and effects of chemical abuse and dependency. (Same as CJUS 3630D.)

SOCI 3700D - Sociology of Religion

3 hours A review of the common sociological dimensions of all religions such as moral definitions, group membership and dynamics, prescribed ritual practices and definitions of the sacred. An examination of sociologists contributing to the field such as Durkheim and Weber. Includes a sociological analysis of major world religions, including Christianity, Judaism, Islam, Buddhism and Hinduism.

SOCI 3800D - Sociology of Work

3 hours Social behavior and performance in the workplace beginning at the emergence of the industrial revolution through current workplace arrangements (e.g., work teams). Special topics covered include discrimination in the workplace (e.g., race, age, gender), the relationship between work and family, work alienation, welfare and work, women and work, and unions. Implications for counselors, managers, union organizers, city planners and policy makers. Prerequisite(s): SOCI 1510D or equivalent.

SOCI 3900D - Race and Christianity

3 hours The objectives of this course are to focus on the reciprocal influence of race / ethnicity and Christianity in the United States. The course will explore the historical development of Christianity within different racial groups, evidence about the effects of Christianity on our tendency to engage in racism / discrimination, and the development of multiracial Christian institutions and their influence in our society.

SOCI 4010D - Sociology through Experiential Learning

3 3 hours. Service Learning is an experiential learning program which integrates academic course work into community service, in this case, family literacy at the Dallas Public Library. SOCI 4010 is designed to foster critical thinking, social & personal responsibility, and teamwork. As a source of reflection, dialogue, and analysis, students will teach in the family literacy program (either adult ESL class or in the 9-and-under children's program). The course readings and assignments address several sociological themes, such as how ethnicity, civic engagement, socio-economic class, immigration, education, and public institutions relate to one's subjectivities and agency as a participant in a service learning project.

SOCI 4160D - Developing Societies

3 hours Changing culture and institutions family, population, religion, work and politics in developing nations in South and Central America, Asia, and Africa; impact of industrial nations on societies experiencing rapid urban, bureaucratic, technological and industrial growth; implications for war and peace in the world. Advised for students planning sociology graduate work. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

SOCI 4240D - Sociology of Sexuality

3 hours This course is about sexuality and how it is perceived, defined, and experienced in the context of society. This course explores sexuality as a social and historical construction and focuses on how sexuality influences our lives as reflected in social norms, attitudes and beliefs, and through public and private policies and practices. Prerequisite(s): SOCI 1510D or equivalent.

SOCI 4250D - Gender and Society

3 hours Analyzes gender as a major social institution which intersects with all other institutions, especially the family, work, religion, politics, and education. Stresses programs to change the unequal treatment of women and men in these areas. Surveys contemporary changes and cultural variability in gender role definitions. Prerequisite(s): SOCI 1510D or equivalent.

SOCI 4260D - Topics in Sociology

3 hours Investigation, analysis and discussion of a significant, contemporary topic. May be repeated for credit as topics vary.

SOCI 4340D - Social Psychology and Behavior in the Social Environment

3 hours Social and cultural bases of diverse human behavior; social matrix of personality, organization and disorganization. Prerequisite(s): SOCI 1510D or equivalent. Advised for students planning sociology graduate work.

SOCI 4350D - Community Organization

3 hours Principles of community organization and disorganization; agencies and programs dealing with contemporary problems facing the community. Prerequisite(s): SOCI 1510D or equivalent.

SOCI 4450D - The Family in Later Life

3 hours Later stages in the family life cycle are surveyed with emphasis on changing family composition, role transitions and support systems. Pre-requisite(s): SOCI 1510D or equivalent. (Same as AGER 4450.)

SOCI 4460D - Community Corrections

3 hours This course examines the concept of community corrections from various perspectives. It also examines contemporary practices and trends in probation, parole and other forms of community corrections. Prerequisite(s): SOCI 2100D or equivalent. (Same as CJUS 4460D.)

SOCI 4500D - Sociology of Childhood and Adolescence

3 hours Practical focus on socialization, parenting and educational strategies in childhood and adolescence, and upon the social factors, agencies and institutions (particularly education) affecting children and adolescents in modern society. Prerequisite(s): SOCI 1510D or equivalent.

SOCI 4540D - Race and Ethnic Minorities

3 hours Conditions and distribution of race and ethnic minorities; socio-psychological and cultural factors in race and ethnic relations; pattern of relations in the United States with emphasis on the Southwest and on social services. Prerequisite(s): SOCI 1510D or SOWK 1450 and other equivalents. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

SOCI 4550D - Sociology of Aging

3 hours Twenty-somethings, Generation Xers, Baby Boomers all will be senior citizens sooner or later. Their sex, race/ethnicity, and social class will affect their experience of aging. Course explores issues related to successful aging, including what young adults should be doing now to ensure that they have happy, healthy, wealthy, and creative golden years. Prerequisite(s): SOCI 1510D or equivalent. (Same as AGER 4550D.)

SOCI 4600D - Sociology of Mass Communication

3 hours 4600. Sociology of Mass Communication. 3 hours. Communication as a social process; patterns and institutions of mass communication; analysis of public opinion and propaganda; techniques of public opinion measurement. Prerequisite(s) ; SOCI 1510 or equivalent.

SOCI 4750D - World Population Trends and Problems

3 hours Patterns of population growth; trends of fertility and mortality; migration; social and economic consequences of population change.

SOCI 4900D - Special Problems

3 hours 3 hours. Senior Sociology majors use their skills and knowledge to develop data driven senior theses that integrate core sociological concepts, theory and methods. Students are required to find an applied sociology application in their projects. Prerequisite(s) : "C" or better in SOCI 3200D, 3220D, 3240D and SOCI 3280D. Required of all sociology majors. Senior level Sociology majors only.

SOCI 4920D - Cooperative Education in Sociology

1-3 hours Supervised work in a job directly related to the student's major, professional field of study or career objective. Prerequisite(s): 12 hours credit in sociology; student must meet the employer's requirements and have consent of the division chair. May be repeated for credit.

SOCI 4951D - Honors College Capstone Thesis

3 hours A major research project is prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s) : completion of at least six hours in honors courses; completion of at least 12 semester credit hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

SOCI 4990D - Sociology Capstone

3 hours Senior Sociology majors use their skills and knowledge to develop data driven senior theses that integrate core sociological concepts, theory and methods. Students are required to find an applied sociology application in their projects. Prerequisite(s) : "C" or better in SOCI 3200D, SOCI 3220D, SOCI 3240D and SOCI 3280D. Required of all sociology majors. Senior level Sociology majors only.

Spanish - Undergraduate

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411
(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

SPAN 1020D - Elementary Spanish

4 hours **TCCNS Number:** -1412
(4;1) . Grammar and phonetics; reading, composition and oral-aural practice. Prerequisite(s): SPAN 1010D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

SPAN 2040D - Intermediate Spanish

3 hours **TCCNS Number:** -2311
Grammar, composition, oral-aural practice and readings. Prerequisite(s): SPAN 1020D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

SPAN 2050D - Intermediate Spanish

3 hours **TCCNS Number:** -2312
Grammar, composition, oral-aural practice and readings. Prerequisite(s): SPAN 2040D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

SPAN 2900D - Special Problems

1-3 1-3 hours.

SPAN 3060D - Advanced Spanish Composition and Oral Practice

3 hours 3060. Advanced Spanish Composition and Oral Practice. 3 hours each. Composition, oral reports, and Spanish and Spanish-American topics. Prerequisite(s): SPAN 2050 or equivalent.

SPAN 3080D - Advanced Spanish Composition and Grammar for Bilinguals

3 hours 3080. Advanced Spanish Composition and Grammar for Bilinguals. 3 hours. Principles of academic writing, spelling, and grammar in Spanish, directed specifically towards bilinguals (Spanish heritage and native speakers). Course will be taught in Spanish. Prerequisite(s) : Demonstrate native or near-native language ability as defined by results of departmental proficiency exam and / or consent of department.

SPAN 3110D - Introduction to Hispanic Literature

3 hours 3110. Introduction to Hispanic Literature. 3 hours. Literary terminology, analysis of text, and differences among the genres. Readings include writings from a wide variety of Hispanic authors (both traditional and contemporary, from Spain and Latin America). Prerequisite(s): 6 hours from SPAN 3060, 3070, or 3080; plus SPAN 3090.

SPAN 3150D - Spanish Culture and Civilization

3 hours 3150. Spanish Culture and Civilization. 3 hours. Study of the politics, social structures and traditions of the Spanish world from the Paleolithic period until today, with a special focus on their contemporary life in order to build a foundation for a more in-depth study of their life, literature and culture. Taught entirely in Spanish. Prerequisite(s): 6 hours from SPAN 3060, 3070, or 3080; plus SPAN 3090.

SPAN 3160D - Latin American Culture and Civilization

3 hours 3160. Latin American Culture and Civilization. 3 hours. Study of the politics, social structures and traditions of Latin America from the indigenous period until today, with a special focus on their contemporary life in order to build a foundation for a more in-depth study of Latin American culture. Taught entirely in Spanish. Prerequisite(s): SPAN 6 hours from 3060, 3070, or 3080; plus SPAN 3090.

SPAN 4250D - Acquisition of Spanish as a Second Language

3 4250. Acquisition of Spanish as a Second Language. 3 hours. Overview of prominent linguistic principles in the acquisition of Spanish as a second language. Application of theory to language acquisition, pragmatics, and teaching / learning Spanish grammar such as verbal morphology system, indicative / subjunctive mood system, and pronomial system in Spanish. Prerequisite(s) : 6 hours of advanced Spanish.

SPAN 4360D - Survey of Spanish-American Literature

3 4360. Survey of Spanish-American Literature. 3 hours. Spanish-American literature from the colonial period to 1888. Readings, lectures, discussions and term projects. Prerequisite(s): SPAN 3110.

SPAN 4500D - Spanish in the Bilingual Classroom

3 3570. Spanish in the Bilingual Classroom. 3 hours. Emphasizes the Spanish language skills needed in the teaching field to communicate with Spanish speaking students and their parents / guardians. Includes specialized vocabulary, scenarios, sample dialogues, and information related to a variety of school-related settings. Prerequisite(s) : SPAN 2050 or equivalent.

Special Education - Undergraduate

EDSP 2900D - Special Problems

1-3 1-3 hours.

EDSP 3210D - Educational Aspects of Exceptional Learners

3 hours Overview of the unique physical, cognitive and behavioral needs of exceptional learners. The teacher's role in identification and referral procedures and implementation of effective educational practices as required by federal and state law are examined.

EDSP 3240D - Family Communication and Collaboration for Exceptional Learners

3 hours Analysis of collaboration and communication models and strategies used in working with families, caregivers, and professionals concerned about students with exceptionalities. Focus on the changing definition of family, community resources, advocacy groups, political forces, legal mandates, and other factors that may impact students and their families are addressed. Fifteen hours a semester in field-work arranged.

EDSP 3300D - Special Education Practicum I

3 3 hours. (1;6) Practical experience in field sites (90 hours: 70 hours field experience and 20 hours classroom). Cognitive, affective and psychomotor objectives for observing behaviors, assisting in planning for instruction and participating in diagnostic processes. Professional development is emphasized. Prerequisite(s): 60 hours of undergraduate credit, overall GPA 2.75, all sections of TASP must be passed.

EDSP 3410D - Mental Retardation: Characteristics, Identification and Intervention

3 3 hours. An examination is made of the typical characteristics associated with mental retardation and identification procedures utilized. Emphasis is on the development of appropriate intervention programs. Prerequisite(s): EDSP 3210D and 3300D or consent of department.

EDSP 3420D - Behavioral Disorders: Characteristics, Identification and Intervention

3 hours 3 hours. An examination is made of the typical characteristics associated with severe behavior problems and procedures for identification. Emphasis is on the development of appropriate intervention programs. Prerequisite(s): EDSP 3210D and 3300 or consent of department.

EDSP 4320D - Educational Assessment and Evaluation of Exceptional Learners

3 hours Examines a variety of assessment and evaluation strategies that are appropriate for special and general education settings. Knowledge of basic testing procedures and terminology as related to the exceptional learner. Interpretation and utilization of test data in developing individual education plans. Introduction to curriculum-based assessment. Field experiences include administration of academic and teacher-made assessments. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3420.

EDSP 4330D - Advanced Educational Strategies for Exceptional Learners

3 hours Advanced educational strategies and interventions that promote academic performance of exceptional learners across a variety of settings and situations. Includes an emphasis on instructional use of computers and technology in the classroom. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

EDSP 4340D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 hours Approaches to behavioral management of exceptional learners across a variety of educational settings. Implementation of individualized techniques including applied behavioral analysis, as well as larger-group strategies,

to foster positive behavioral, social, and emotional growth. Special attention to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

EDSP 4350D - Strategies to Support Diverse Learners in General Education

3 hours Examination of the roles of various professionals in the successful inclusion of students with disabilities in the general education classroom. Focus on consultation models, practices and principles with an emphasis on collaboration, cooperative learning, and inclusion. Provides an overview of assessment techniques applicable for all learners in the general education classroom. Prerequisite(s): EDSP 3210D, or equivalent, EDSP 3240D.

EDSP 4360D - Transition Education and Services for Exceptional Learners

3 hours Transition education and services for individuals with disabilities across the life span with emphasis on the post-secondary years. Examines the theory and practice of transition planning from school to community living, post-secondary education, and employment. Legislative history and practical applications of skills such as transition assessment, job development and job placement are emphasized. Prerequisite(s): EDSP 3210D, EDSP 3240D, EDSP 4320D.

EDSP 4900D - Special Problems

1-3 hours

Special Education - Graduate

EDSP 5020D - Behavior Management and Positive Behavior Interventions and Supports

3 3 hours. This course investigates the relevant legal and ethical issues regarding discipline of students with disabilities. Collaborative models or design, implementation, and evaluation of positive behavior support plans based on functional analysis of behavior. Prerequisite(s) : Admission to graduate school.

EDSP 5030D - Individualized Evaluation for Educational Decision Making

3 3 hours. This course includes intensive theoretical and practical study of the instruments and processes used for nondiscriminatory evaluation of students with disabilities in the area of academic, social and vocational function. Analysis of test construction, considerations of legal and ethical issues in the administration of specific tests and the interpretation of various scores to provide an examination and implementation of research-based effective strategies and materials for teaching students with diagnosed disabilities. Emphasis is on transfer and generalization in inclusive settings, including physical and academic prompts and adaptations. Focus is also on IEP development, responsive to Texas Essential Knowledge and Skills and indicative of assessments including Texas Alternative Assessment. Prerequisite(s) : Admission to graduate school.

EDSP 5040D - Methods of Teaching Students with Disabilities

3 3 hours. This course includes investigation of state and federal legislation, Texas Essential Knowledge and Skills learning standards, general curriculum and curriculum materials from varied sources. Other course topics include development of curricula, employing learning styles research, bodies of knowledge from professional organizations of the disciplines, curriculum adaptation, collaboration models, instructional delivery, student advocacy, matching curricula to individual learners, technology, and case-by-case problem solving. In addition, this course provides an

exploration of assessment strategies for systematic monitoring of student progress, curriculum appropriateness, alternative communication modes, alternative assessment use in the general education classroom, grading, error analysis, and instructional planning. Course also provides experience in peer coaching, team teaching, team assessing and models for collaboration. Prerequisite(s) : Admission to graduate school.

EDSP 5050D - Legal Aspects of Special Education

3 3 hours. Study of philosophical, historical and legal foundations of special education. Investigation of the progression of service delivery models from segregation to inclusive settings and the self-determination of persons with disabilities across the lifespan. Prerequisite(s) : Admission to graduate school.

EDSP 5200D - Characteristics of Individuals with Learning Disabilities

3 3 hours. An overview of the field of learning disabilities that includes an analysis of definitions, etiological factors, classification schemes and intervention models.

EDSP 5220D - Learning Strategies for Individuals with Cognitive Disorders

3 3 hours. Focus on learning strategies designed for individuals with disabilities. Prerequisite(s): EDSP 5010, EDSP 5020D and 5600.

EDSP 5230D - Advanced Seminar in Learning Disabilities Educational Theories and Practices

3 3 hours. Focused analysis of the theoretical basis of learning disabilities and the instructional implications and applications of those theories. Prerequisite(s) : EDSP 5710 or equivalent.

EDSP 5240D - Collaboration with Parents, Paraeducators and Professionals

3 3 hours. Communication and collaboration models and strategies in working with parents, caregivers and professionals concerned about exceptional learners. Emphasis on the changing definition of families and changing demographics and the implications these changes have for effectively involving others in the decision-making for exceptional learners. Analysis made of legal mandates and availability of resources to ensure quality services for exceptional learners. Prerequisite(s) : EDSP 5710 or consent of department.

EDSP 5320D - Introduction to Functional Assessment

3 Course focuses on various dimensions of functional assessment of behavior and academic performance of children and youth with disabilities and/or at-risk for academic or social failure. Emphasis will be on a process for conducting functional assessments and gathering information applicable to the development of effective positive behavioral supports and intervention plans. Prerequisite(s): EDSP 5710 ; EDSP 5600 or EDSP 5730.

EDSP 5330D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 3 hours. Focus on a variety of classroom-based approaches to aid in the behavioral management of exceptional learners. Students learn how to implement individualized techniques including applied behavioral analysis, as well as larger-group strategies, to foster positive behavioral, social and emotional growth. Special attention is given to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s) : EDSP 5710

EDSP 5510D - Educational Appraisal of Exceptional Learners

3 3 hours. Examines basic testing procedures and terminology as it relates to the exceptional learner. Analysis of statistics used in test development and interpretation of test data. Use of test data in developing individual education plans. Examines curriculum-based assessment issues. Focuses on the development and use of knowledge and practical skills necessary for effective administration and interpretation of authentic assessment and documenting student achievement gains among diverse and exceptional learners. Field experiences include administration of academic and teacher-made assessments. Prerequisite(s) : EDSP 5710.

EDSP 5520D - Special Education Law

3 3 hours. Provides teachers, educational diagnosticians and school administrators the opportunity to examine federal and state laws pertaining to the delivery of special education services. Addresses the legal development of the discipline of special education as well as the current requirements for the provision of a free and appropriate education to students with disabilities.

Technical Communication - Undergraduate

TECM 1200D - Developmental Writing

3 hours Fulfills TSI requirements for students who have not passed the writing portion of the Texas Higher Education Assessment with a score of 7 or 8 prior to enrolling in the university or who are not otherwise exempt. Covers sentence formation and skills needed for argumentation and exposition. Emphasizes audience, purpose and occasion. Students must complete the requirements of the course with a grade of C or better in order to meet the prerequisite for ENGL 1310D/ENGL 1313D or TECM 1300. Does not apply to degree.

TECM 2700D - Technical Writing

3 hours **TCCNS Number:** -2311

Expository writing, especially for science, pre-engineering and business students. May be substituted for ENGL 1320 in some programs; students should consult advisers in their majors

TECM 4180D - Advanced Technical Writing

3 hours 4180. Advanced Technical Writing. 3 hours. Practical application of technical-writing theory and style in industry, business and the sciences. Prerequisite(s): TECM 2700 is recommended

TECM 4190D - Technical Editing

3 hours 4190. Technical Editing. 3 hours. The editing of drafts of technical manuals and other technical reports; the design of technical reports. Experience in applying rules governing technical-writing style. Prerequisite(s): TECM 2700 is recommended

TECM 4250D - Writing Technical Procedures and Manuals

3 hours 4250. Writing Technical Procedures and Manuals. 3 hours. The application of the principles of technical style to the writing of technical procedures and manuals. Intensive practice in writing technical procedures and manuals. Prerequisite(s): TECM 2700 is recommended

TECM 4700D - Writing in the Sciences

3 hours 4700. Writing in the Sciences. 3 hours. Intensive investigation of the genres of writing in the sciences. Learn and apply appropriate structures for reporting general information and specific data for a variety of scientific contexts. Prerequisite(s) : TECM 2700.

Theatre - Undergraduate

THEA 1130D - Creative Drama

1 **TCCNS Number:** 50.0501.00.03

1130D. Introduction to Creative Drama in the Elementary School. 1 hour (1;3). Introduction to current philosophies, principles, and techniques of creative drama in the elementary school. Emphasis on development of the individual child through use of dramatic play, improvisation, and theatre games. Includes lecture, discussion, group facilitation, peer teaching, and practical performance work.

THEA 3400D - Theatre for Young Audiences

3 hours (3;1) Recognition and examination of the history and philosophy, production and performance of theatre for young audiences. Through focused inquiry, work on the practical problems that arise in the selection and performance of dramatic texts, original collective creations and adaptation of selected literature. Emphasis on connecting artistic practices and trends in educational theatre to theories of child/adolescent development. Course designed for those who advocate theatre as a stimulus for learning, whether they are specializing in classroom teaching or seeking careers in professional theatre. Class activities may take place on site in a school or at a theater.

University Courses - Undergraduate

UCRS 4000D - Science in Ancient and Modern Times

3 hours Seminars, guest lecturers and readings addressing major advances in science from a technological, philosophical and historical perspective. Meets with UCRS 5000.

UGST 1100D - Application of Learning Foundations

1 hour 1100. Application of Learning Foundations. 1 hour. Study of critical theories of learning and their effective utilization for increasing academic performance and persistence. Prerequisite(s) : Consent of department.

Undergraduate Studies

TNTX 1100D - Second Teacher Education Preparation I : Inquiry Approaches to Teaching

1 hour (1;0;1). Introduction to mathematics, computer sciences, and science teaching as a career. Discussions include standards-based lesson design and various teaching and behavior management strategies. Fieldwork consists of planning and teaching four inquiry-based lessons to students in grades 3-5 in local elementary schools. Prerequisite(s) : Admission in the Teach North Texas program ; see the Teach North Texas advisor for details.

TNTX 1200D - Secondary Teacher Education Preparation 2 : Inquiry-Based Lesson Design

1 hour (1;0;1). Topics may include routes to teacher certification in mathematics, computer sciences and science teaching; various teaching methods that are designed to meet instructional goals; and learner outcomes. Students develop and teach three inquiry-based lessons in their field in a middle school and participate in peer coaching. Prerequisite(s) : TNTX 1100D or consent of the Teach North Texas advisor.

UGST 1000D - Freshman Seminar

3 3 hours. Introduces student to new and exciting ways of becoming active and engaged citizens of the university community and larger society through the exploration of problems in the current world. Students develop skills in critical thinking, communication, values clarification, and self-awareness. Varying topics require a creative and interdisciplinary view of the world. Past topics include leadership, information literacy, career and major exploration, community engagement and service.

Division of Business and Public Leadership

School of Business

Bachelor of Business Administration

Accounting, BBA

Requirements for the Bachelor of Business Administration degree with a professional field in Accounting include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be at the 3000 level or above (advanced), and fulfillment of degree requirements for the Bachelor of Business Administration degree.
2. **Pre-Business Requirements:** Students must have completed at least 45 credit hours of the pre-business program to be admitted into the major. Enrollment in upper-division courses is restricted until the following courses are complete with a C or above and a cumulative 2.7 UNT Dallas GPA.
 - ENGL 1313D - Computer Assisted College Writing I
 - ENGL 1323D - Computer Assisted College Writing II
 - ECON 1100D - Principles of Microeconomics
 - ECON 1110D - Principles of Macroeconomics
 - MATH 1190D - Business Calculus
 - COMM 1010D - Introduction to Communication (exempt from grade of C or higher rule)
 - BCIS 2610D - Introduction to Computers in Business
 - ACCT 2010D - Accounting Principles I (Financial Accounting)
 - ACCT 2020D - Accounting Principles II (Managerial Accounting)
 - DSCI 2710D - Data Description and Analysis with Spreadsheets
3. **Accounting Duplication Policy:** Accounting courses may not be taken more than twice whether at UNT Dallas or at another college or university. If the required grade is not made by the second attempt, the student cannot be an Accounting major. Students may not retake certain Accounting courses once they have completed (with a grade of C or better) a course for which it is a prerequisite.

4. **Advanced Accounting GPA Policy:** Accounting majors must have a 2.5 GPA in all ACCT 3000 and ACCT 4000 level courses taken at UNT Dallas or their equivalent taken at other colleges and universities. If this GPA is not met, the student will be required to retake the most recent Accounting course.
5. **Requirements:** All students entering the accounting program must have an overall cumulative Grade Point Average of at least 2.0, a UNT Dallas Grade Point Average of at least 2.0, and be in good academic standing.
6. **Other Requirements:** Students who have courses that "double-dip," which count for both core and major, may be required to take additional electives to meet the 120 semester hour requirement.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective to be taken only if needed; please see your advisor for options.

{ } Denotes "double-dip" courses which count for both core and major

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

ECON 1110D - Principles of Macroeconomics

3 hours **TCCNS Number:** -2301

Principles of economic organization and growth in modern, industrial society; money and banking, monetary and fiscal policy; determinants of national income and business fluctuations. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

MATH 1190D - Business Calculus

3 hours Differential and integral calculus with emphasis on applications to business. Prerequisite(s): two years of high school algebra and consent of department ; or MATH 1100D with grade of C or better.

Second Year

Fall (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332
3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)
A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)
External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Spring (15 hours)

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)
(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

DSCI 2710D - Data Description and Analysis with Spreadsheets

3 hours Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

ACCT 2020D - Accounting Principles II (Managerial Accounting)

3 hours **TCCNS Number:** (2302)

A study of the use of accounting information for business decision making. Topics include : cost behavior analysis, cost-volume-profit relationships, and the identification of costs relevant to the decision making process. Students are introduced to various cost system designs, standard costs, variable costing, operational budgeting, and decision making in decentralized businesses. Prerequisite(s): ACCT 2010D with a grade of C or better ; ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice whether at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Third Year

Fall (15 hours)

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

ACCT 3110D - Intermediate Accounting I

3 hours An in-depth study of the process of preparing and presenting financial information about an entity for outside users (Part I). Topics vary but typically include: standard setting; the accounting cycle including data accumulation, adjustments and preparation of financial statements; and valuation. There is a focus on the recognition, measurement and disclosure of revenue; inventory and cost of sales; and plant assets. Prerequisite(s): ACCT 2010D and ACCT 2020D with a grades of C or better ; ECON 1100D and ECON 1110D; and MATH 1190D or MATH 1400D or MATH 1710D. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

MGMT 3860D - Human Resource Management

3 hours An introduction to personnel management. Topics include employment, placement and personnel planning, training and development; compensation and benefits; health, safety and security; and employee and labor relations. Open to non-business majors.

Spring (15 hours)

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

BCIS 3610D - Basic Information Systems

3 hours Theory, capabilities, applications, benefits, liabilities and economics of business computer information systems. Using the computer to solve business problems. Management information systems and computer-based decision support emphasized. Use of standard support application packages. Prerequisite(s): BCIS 2610D.

MGMT 4660D - International Management Perspectives

3 hours A comprehensive framework is used to study the management of multinational operations in cross-cultural environments with a focus on the decisions that managers must make. Topics include strategic planning, organization, human resources, operations management, entrepreneurship and ethics.

ACCT 3270D - Cost Accounting

3 hours Accounting in manufacturing operations; cost concepts and classifications; cost accounting cycle; accounting for materials, labor and burden; process cost accounting; budgeting; standard costs; cost reports; direct costing and differential cost analysis. Prerequisite(s): ACCT 2010D and ACCT 2020D with grades of C or better ; ECON 1100D and ECON 1110D; BCIS 2610D; and MATH 1190D or MATH 1400D or MATH 1710D. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite..

ACCT 3120D - Intermediate Accounting II

3 hours An in-depth study of the process of preparing and presenting financial information about an entity for outside users (Part II). Topics vary but typically include analysis of recognition, measurement and disclosure of: equity investments, financing activities (bonded debt, leases, pensions), income taxes, stockholders' equity, specialized reporting problems and cash flow. Prerequisite(s): ACCT 3110D; ACCT 3405D, if required for degree program; must have a 3.0 GPA in all ACCT 3000 and ACCT 4000 courses taken at UNT or their equivalent taken at other colleges and universities to take this course. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite..

Fourth Year

Fall (16 hours)

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

ACCT 4100D - Accounting Systems

3 hours Introduction to technology/accounting information systems and their interface with processes and process re-engineering. Application of systems development life cycle to the engineering of accounting information systems. Emphasis on auditing system security and integrity. Coverage of project management and accounting systems development. Practical experience with a commercial accounting package. Prerequisite(s): ACCT 3120D is a Corequisite; must have a 3.0 GPA in all ACCT 3000 and ACCT 4000 courses taken at UNT or their equivalent taken at other colleges and universities to take this course. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

ACCT 4300D - Federal Income Taxation

3 hours A comprehensive introduction to the U.S. federal income tax system. Emphasizes the taxation of individuals but many topics also apply to business entities. Coverage includes technical tax rules and motivations behind these rules, as well as tax planning opportunities and limitations. Prerequisite(s): ACCT 2010D and ACCT 2020D with grades of C or better. This course may not be taken more than twice at UNT or at another college or university.

LSCM 3960D - Logistics and Supply Chain Management

3 hours Analysis and design of logistics and supply chain systems. Topics include transportation, warehousing, inventory control, materials handling and packaging, and plant and warehouse locations within and between firms. Emphasis on concepts and practices that provide firms with a competitive advantage. Prerequisite(s): Junior standing.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

Spring (15 hours)

BUSI 4940D - Business Policy

3 hours Enterprise management integrating the functional areas of business administration into a realistic approach to business problems; applying principles to complex problems at the executive level. Prerequisite(s): completion of all other business foundation courses with a grade of C or better and senior standing. To be taken during the last semester of course work.

FINA 4400D - Financial Markets and Institutions

3 hours Studies in the operations, mechanics and structure of the U.S. financial system. Topics include commercial banking, non-bank financial institutions, money and capital markets, the impact of monetary policy on financial institutions and markets, and an introduction to the international financial system. Prerequisite(s): FINA 3770D with a grade of C or better.

- Advanced Business Elective,

Credits / Units: 3.0

- Advanced Business Elective,

Credits / Units: 3.0

- Advanced Business Elective,

Credits / Units: 3.0

Entrepreneurship, BBA

Requirements for the Bachelor of Business Administration degree with a professional field in Entrepreneurship include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be at the 3000 level or above (advanced), and fulfillment of degree requirements for the Bachelor of Business Administration degree.
2. **Pre-Business Requirements:** Students must have completed at least 45 credit hours of the pre-business program to be admitted into the major. Enrollment in upper-division courses is restricted until the following courses are complete with a C or above and a cumulative 2.7 UNT Dallas GPA.
 - ENGL 1313D - Computer Assisted College Writing I
 - ENGL 1323D - Computer Assisted College Writing II
 - ECON 1100D - Principles of Microeconomics
 - ECON 1110D - Principles of Macroeconomics
 - MATH 1190D - Business Calculus
 - COMM 1010D - Introduction to Communication (exempt from grade of C or higher rule)
 - BCIS 2610D - Introduction to Computers in Business
 - ACCT 2010D - Accounting Principles I (Financial Accounting)
 - ACCT 2020D - Accounting Principles II (Managerial Accounting)
 - DSCI 2710D - Data Description and Analysis with Spreadsheets
3. **Other Requirements:** Students who have courses that "double-dip," which count for both core and major, may be required to take additional electives to meet the 120 semester hour requirement.
4. **Requirements:** All students entering the entrepreneurship program must have an overall cumulative Grade Point Average of at least 2.0, a UNT Dallas Grade Point Average of at least 2.0, and be in good academic standing.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective to be taken only if needed; please see your advisor for options.

{ } Denotes "double-dip" courses which count for both core and major

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1190D - Business Calculus

3 hours Differential and integral calculus with emphasis on applications to business. Prerequisite(s): two years of high school algebra and consent of department ; or MATH 1100D with grade of C or better.

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

ECON 1110D - Principles of Macroeconomics

3 hours **TCCNS Number:** -2301

Principles of economic organization and growth in modern, industrial society; money and banking, monetary and fiscal policy; determinants of national income and business fluctuations. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum

Second Year

Fall (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)

A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)

External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Spring (15 hours)

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

DSCI 2710D - Data Description and Analysis with Spreadsheets

3 hours Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

ACCT 2020D - Accounting Principles II (Managerial Accounting)

3 hours **TCCNS Number:** (2302)

A study of the use of accounting information for business decision making. Topics include : cost behavior analysis, cost-volume-profit relationships, and the identification of costs relevant to the decision making process. Students are introduced to various cost system designs, standard costs, variable costing, operational budgeting, and decision making

in decentralized businesses. Prerequisite(s): ACCT 2010D with a grade of C or better ; ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice whether at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Third Year

Fall (15 hours)

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

MGMT 3820D - Management Concepts

3 hours Management philosophy; planning, organizing and controlling; entrepreneurial processes; organizational performance; structure and design. Includes an overview of organization theory and strategic management.

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

Spring (15 hours)

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

BCIS 3610D - Basic Information Systems

3 hours Theory, capabilities, applications, benefits, liabilities and economics of business computer information systems. Using the computer to solve business problems. Management information systems and computer-based decision support emphasized. Use of standard support application packages. Prerequisite(s): BCIS 2610D.

LSCM 3960D - Logistics and Supply Chain Management

3 hours Analysis and design of logistics and supply chain systems. Topics include transportation, warehousing, inventory control, materials handling and packaging, and plant and warehouse locations within and between firms. Emphasis on concepts and practices that provide firms with a competitive advantage. Prerequisite(s): Junior standing.

MGMT 3830D - Operations Management

3 hours Management of production emphasizing industrial enterprises; production objectives; design and improvement of processes, work methods, and physical facilities; use of measurements and standards; production planning and control; quality control; budgetary and cost control; materials management. Prerequisite(s): DSCI 2710D.

MGMT 4660D - International Management Perspectives

3 hours A comprehensive framework is used to study the management of multinational operations in cross-cultural environments with a focus on the decisions that managers must make. Topics include strategic planning, organization, human resources, operations management, entrepreneurship and ethics.

Fourth Year

Fall (15 hours)

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

MGMT 3915D - Creativity and Opportunity Development

3 hours 3 hours. Course deals with frameworks, functions, and workings of creativity and opportunity development, and with their role in new startups and in managing firms for sustainable competitive advantage. Emphasis placed on enhancing students' competence in creative thinking, generating ideas, and in the identification and development of business opportunities. Topics may include individual creativity, business opportunities, and management techniques for enhancing creativity and for recognizing and developing opportunities in new and established organizations.

MGMT 3860D - Human Resource Management

3 hours An introduction to personnel management. Topics include employment, placement and personnel planning, training and development; compensation and benefits; health, safety and security; and employee and labor relations. Open to non-business majors.

FINA 4400D - Financial Markets and Institutions

3 hours Studies in the operations, mechanics and structure of the U.S. financial system. Topics include commercial banking, non-bank financial institutions, money and capital markets, the impact of monetary policy on financial institutions and markets, and an introduction to the international financial system. Prerequisite(s): FINA 3770D with a grade of C or better.

- Advanced Business Elective,

Credits / Units: 3.0

Spring (15 hours)

BUSI 4940D - Business Policy

3 hours Enterprise management integrating the functional areas of business administration into a realistic approach to business problems; applying principles to complex problems at the executive level. Prerequisite(s): completion of all other business foundation courses with a grade of C or better and senior standing. To be taken during the last semester of course work.

MGMT 4220D - Field Study in Entrepreneurship

3 hours Course provides students with hands-on opportunities to apply business concepts. Students may work to develop strategic plans, comprehensive business plans, feasibility analysis or funding proposals. In addition, students apply business principles of entrepreneurship to problems related to opportunity analysis, capital funds acquisition, managerial issues and other business requirements such as new product development or planning expansion.

Prerequisite(s): MGMT 3330D, MGMT 3720D, MGMT 3850D, MKTG 3650D, FINA 3770D and MSCI 3710 or consent of department.

- General Elective,

Credits / Units: 3.0

MKTG 4620D - E-Commerce Marketing Tools and Applications

3 hours 4620. E-Commerce Marketing Tools and Applications. 3 hours. Explores the evolution of the Internet and the Internet's ensuing role in marketing. Introduction to web design, web authoring and web-based marketing applications.

Prerequisite(s): MKTG 3650.

- Advanced Business Elective,

Credits / Units: 3.0

- Advanced Business Elective,

Credits / Units: 3.0

Finance, BBA

Requirements for the Bachelor of Business Administration degree with a professional field in Finance include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be at the 3000 level or above (advanced), and fulfillment of degree requirements for the Bachelor of Business Administration degree.
2. **Pre-Business Requirements:** Students must have completed at least 45 credit hours of the pre-business program to be admitted into the major. Enrollment in upper-division courses is restricted until the following courses are complete with a C or above and a cumulative 2.7 UNT Dallas GPA.
 - ENGL 1313D - Computer Assisted College Writing I
 - ENGL 1323D - Computer Assisted College Writing II

- ECON 1100D - Principles of Microeconomics
 - ECON 1110D - Principles of Macroeconomics
 - MATH 1190D - Business Calculus
 - COMM 1010D - Introduction to Communication (exempt from grade of C or higher rule)
 - BCIS 2610D - Introduction to Computers in Business
 - ACCT 2010D - Accounting Principles I (Financial Accounting)
 - ACCT 2020D - Accounting Principles II (Managerial Accounting)
 - DSCI 2710D - Data Description and Analysis with Spreadsheets
3. **Other Requirements:** Students who have courses that "double-dip," which count for both core and major, may be required to take additional electives to meet the 120 semester hour requirement.
 4. **Requirements:** All students entering the finance program must have an overall cumulative Grade Point Average of at least 2.0, a UNT Dallas Grade Point Average of at least 2.0, and be in good academic standing.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective to be taken only if needed; please see your advisor for options.

{ } Denotes "double-dip" courses which count for both core and major.

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

ECON 1110D - Principles of Macroeconomics

3 hours **TCCNS Number:** -2301

Principles of economic organization and growth in modern, industrial society; money and banking, monetary and fiscal policy; determinants of national income and business fluctuations. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

MATH 1190D - Business Calculus

3 hours Differential and integral calculus with emphasis on applications to business. Prerequisite(s): two years of high school algebra and consent of department ; or MATH 1100D with grade of C or better.

Second Year

Fall (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332
3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)
A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)
External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Spring (15 hours)

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)
(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

DSCI 2710D - Data Description and Analysis with Spreadsheets

3 hours Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

ACCT 2020D - Accounting Principles II (Managerial Accounting)

3 hours **TCCNS Number:** (2302)

A study of the use of accounting information for business decision making. Topics include : cost behavior analysis, cost-volume-profit relationships, and the identification of costs relevant to the decision making process. Students are introduced to various cost system designs, standard costs, variable costing, operational budgeting, and decision making in decentralized businesses. Prerequisite(s): ACCT 2010D with a grade of C or better ; ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice whether at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Third Year

Fall (15 hours)

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

MGMT 3860D - Human Resource Management

3 hours An introduction to personnel management. Topics include employment, placement and personnel planning, training and development; compensation and benefits; health, safety and security; and employee and labor relations. Open to non-business majors.

Spring (15 hours)

BCIS 3610D - Basic Information Systems

3 hours Theory, capabilities, applications, benefits, liabilities and economics of business computer information systems. Using the computer to solve business problems. Management information systems and computer-based decision support emphasized. Use of standard support application packages. Prerequisite(s): BCIS 2610D.

FINA 4200D - Investments

3 hours First course for the individual investor. Idea of investment value; necessary prerequisites for an investment program; policies; economic and industry factors; introduction to security analysis and valuation; operation of security markets; security laws. Prerequisite(s): FINA 3770D and ACCT 2020D and ACCT 2030 or equivalent with grades of C or better.

FINA 4300D - Liquidity and Working Capital Management

3 hours Analyzing issues related to corporate liquidity problems and solutions related to the management of short-term assets and liabilities. Prerequisite(s): FINA 3770D with a grade of C or better.

LSCM 3960D - Logistics and Supply Chain Management

3 hours Analysis and design of logistics and supply chain systems. Topics include transportation, warehousing, inventory control, materials handling and packaging, and plant and warehouse locations within and between firms. Emphasis on concepts and practices that provide firms with a competitive advantage. Prerequisite(s): Junior standing.

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

Fourth Year

Fall (15 hours)

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

FINA 4400D - Financial Markets and Institutions

3 hours Studies in the operations, mechanics and structure of the U.S. financial system. Topics include commercial banking, non-bank financial institutions, money and capital markets, the impact of monetary policy on financial institutions and markets, and an introduction to the international financial system. Prerequisite(s): FINA 3770D with a grade of C or better.

FINA 4310D - Valuation and Financial Decisions

3 hours This course develops a conceptual valuation framework for investment, capital structure and dividend decisions. Each is examined for its impact on the risk return characteristics of the firm. In addition, long-term financing decisions are discussed. Prerequisite(s): FINA 3770D with a grade of C or better.

MGMT 4660D - International Management Perspectives

3 hours A comprehensive framework is used to study the management of multinational operations in cross-cultural environments with a focus on the decisions that managers must make. Topics include strategic planning, organization, human resources, operations management, entrepreneurship and ethics.

- Advanced Business Elective,

Credits / Units: 3.0

Spring (15 hours)

BUSI 4940D - Business Policy

3 hours Enterprise management integrating the functional areas of business administration into a realistic approach to business problems; applying principles to complex problems at the executive level. Prerequisite(s): completion of all other business foundation courses with a grade of C or better and senior standing. To be taken during the last semester of course work.

FINA 4210D - Introduction to Derivatives

3 hours Review of markets; determinants of interest rates and bond prices; forecasting of stock prices, including technical, psychological, cyclical and monetary indicators; trading strategy and tactics; market imperfections; options; futures markets; portfolio theory; and other relevant topics. Prerequisite(s): FINA 4200D with a grade of C or better or consent of department.

FINA 4500D - International Finance

3 hours International and regional financial institutions and arrangements; balance of payments, theory, adjustments and impact on world trade; role of commercial and central banks in financing international flow; financing exports and imports; the instruments and markets of foreign exchange; determination of exchange rates. Prerequisite(s): FINA 3770D with a grade of C or better.

- Advanced Business Elective,
Credits / Units: 3.0

- Advanced Business Elective,
Credits / Units: 3.0

General Business, BBA

Requirements for the Bachelor of Business Administration degree with a professional field in General Business include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be at the 3000 level or above (advanced), and fulfillment of degree requirements for the Bachelor of Business Administration degree.
2. **Pre-Business Requirements:** Students must have completed at least 45 credit hours of the pre-business program to be admitted into the major. Enrollment in upper-division courses is restricted until the following courses are complete with a C or above and a cumulative 2.7 UNT Dallas GPA.
 - ENGL 1313D - Computer Assisted College Writing I
 - ENGL 1323D - Computer Assisted College Writing II
 - ECON 1100D - Principles of Microeconomics
 - ECON 1110D - Principles of Macroeconomics
 - MATH 1190D - Business Calculus
 - COMM 1010D - Introduction to Communication (exempt from grade of C or higher rule)
 - BCIS 2610D - Introduction to Computers in Business
 - ACCT 2010D - Accounting Principles I (Financial Accounting)
 - ACCT 2020D - Accounting Principles II (Managerial Accounting)
 - DSCI 2710D - Data Description and Analysis with Spreadsheets
3. **Other Requirements:** Students who have courses that "double-dip," which count for both core and major, may be required to take additional electives to meet the 120 semester hour requirement.
4. **Requirements:** All students entering the general business program must have an overall cumulative Grade Point Average of at least 2.0, a UNT Dallas Grade Point Average of at least 2.0, and be in good academic standing.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective to be taken only if needed; please see your advisor for options.

{ } Denotes "double-dip" courses which count for both core and major

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1190D - Business Calculus

3 hours Differential and integral calculus with emphasis on applications to business. Prerequisite(s): two years of high school algebra and consent of department ; or MATH 1100D with grade of C or better.

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

ECON 1110D - Principles of Macroeconomics

3 hours **TCCNS Number:** -2301

Principles of economic organization and growth in modern, industrial society; money and banking, monetary and fiscal policy; determinants of national income and business fluctuations. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum

Second Year

Fall (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)

A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)

External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Spring (15 hours)

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

DSCI 2710D - Data Description and Analysis with Spreadsheets

3 hours Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity.

ACCT 2020D - Accounting Principles II (Managerial Accounting)

3 hours **TCCNS Number:** (2302)

A study of the use of accounting information for business decision making. Topics include : cost behavior analysis, cost-volume-profit relationships, and the identification of costs relevant to the decision making process. Students are introduced to various cost system designs, standard costs, variable costing, operational budgeting, and decision making in decentralized businesses. Prerequisite(s): ACCT 2010D with a grade of C or better ; ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice whether at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

Third Year

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

MGMT 3880D - Business Ethics and Social Responsibility

3 hours A study of ethical behaviors crucial to personal and corporate success in organizations. Codes of ethics, theoretical models and managerial behavior serve as the foundation to investigate ethics and, in turn, social responsibility associated with firm theory. Various stakeholder interest and demands are analyzed as an important theme during the course.

Fall (15 hours)

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

LSCM 3960D - Logistics and Supply Chain Management

3 hours Analysis and design of logistics and supply chain systems. Topics include transportation, warehousing, inventory control, materials handling and packaging, and plant and warehouse locations within and between firms. Emphasis on concepts and practices that provide firms with a competitive advantage. Prerequisite(s): Junior standing.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

MGMT 4660D - International Management Perspectives

3 hours A comprehensive framework is used to study the management of multinational operations in cross-cultural environments with a focus on the decisions that managers must make. Topics include strategic planning, organization, human resources, operations management, entrepreneurship and ethics.

Spring (15 hours)

BCIS 3610D - Basic Information Systems

3 hours Theory, capabilities, applications, benefits, liabilities and economics of business computer information systems. Using the computer to solve business problems. Management information systems and computer-based decision support emphasized. Use of standard support application packages. Prerequisite(s): BCIS 2610D.

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

MGMT 3860D - Human Resource Management

3 hours An introduction to personnel management. Topics include employment, placement and personnel planning, training and development; compensation and benefits; health, safety and security; and employee and labor relations. Open to non-business majors.

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

- Advanced Logistic and Supply Chain Mgmt Elective,

Credits / Units: 3.0

Fourth Year

Fall (15 hours)

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

FINA 4400D - Financial Markets and Institutions

3 hours Studies in the operations, mechanics and structure of the U.S. financial system. Topics include commercial banking, non-bank financial institutions, money and capital markets, the impact of monetary policy on financial institutions and markets, and an introduction to the international financial system. Prerequisite(s): FINA 3770D with a grade of C or better.

- Advanced Finance Elective,

Credits / Units: 3.0

- Advanced Management Elective,

Credits / Units: 3.0

- Advanced Business Elective,

Credits / Units: 3.0

Spring (15 hours)

BUSI 4940D - Business Policy

3 hours Enterprise management integrating the functional areas of business administration into a realistic approach to business problems; applying principles to complex problems at the executive level. Prerequisite(s): completion of all other business foundation courses with a grade of C or better and senior standing. To be taken during the last semester of course work.

- Advanced Accounting Elective,

Credits / Units: 3.0

- Advanced International Business Elective,

Credits / Units: 3.0

- Advanced Business Elective,

Credits / Units: 3.0

- Advanced Business Elective,

Credits / Units: 3.0

Organizational Behavior and Human Resources Management, BBA

Requirements for the Bachelor of Business Administration degree with a major in Organizational Behavior & Human Resources Management include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be at the 3000 level or above (advanced), and fulfillment of degree requirements for the Bachelor of Business Administration degree.
2. **Pre-Business Requirements:** Students must have completed at least 45 credit hours of the pre-business program to be admitted into the major. Enrollment in upper-division courses is restricted until the following courses are complete with a C or above and a cumulative 2.7 UNT Dallas GPA.
 - ENGL 1313D - Computer Assisted College Writing I
 - ENGL 1323D - Computer Assisted College Writing II
 - ECON 1100D - Principles of Microeconomics

- ECON 1110D - Principles of Macroeconomics
 - MATH 1190D - Business Calculus
 - COMM 1010D - Introduction to Communication (exempt from grade of C or higher rule)
 - BCIS 2610D - Introduction to Computers in Business
 - ACCT 2010D - Accounting Principles I (Financial Accounting)
 - ACCT 2020D - Accounting Principles II (Managerial Accounting)
 - DSCI 2710D - Data Description and Analysis with Spreadsheets
3. **Other Requirements:** Students who have courses that "double-dip," which count for both core and major, may be required to take additional electives to meet the 120 semester hour requirement.
 4. **Requirements:** All students entering the organizational behavior and human resource management program must have an overall cumulative Grade Point Average of at least 2.0, a UNT Dallas Grade Point Average of at least 2.0, and be in good academic standing.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective to be taken only if needed; please see your advisor for options.

{ } Denotes "double-dip" courses which count for both core and major

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory.

Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1190D - Business Calculus

3 hours Differential and integral calculus with emphasis on applications to business. Prerequisite(s): two years of high school algebra and consent of department ; or MATH 1100D with grade of C or better.

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

ECON 1110D - Principles of Macroeconomics

3 hours **TCCNS Number:** -2301

Principles of economic organization and growth in modern, industrial society; money and banking, monetary and fiscal policy; determinants of national income and business fluctuations. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum

Second Year

Fall (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332
3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)
A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)
External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Spring (15 hours)

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)
(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

DSCI 2710D - Data Description and Analysis with Spreadsheets

3 hours Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

ACCT 2020D - Accounting Principles II (Managerial Accounting)

3 hours **TCCNS Number:** (2302)

A study of the use of accounting information for business decision making. Topics include : cost behavior analysis, cost-volume-profit relationships, and the identification of costs relevant to the decision making process. Students are introduced to various cost system designs, standard costs, variable costing, operational budgeting, and decision making in decentralized businesses. Prerequisite(s): ACCT 2010D with a grade of C or better ; ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice whether at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Third Year

Fall (15 hours)

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

BCIS 3610D - Basic Information Systems

3 hours Theory, capabilities, applications, benefits, liabilities and economics of business computer information systems. Using the computer to solve business problems. Management information systems and computer-based decision support emphasized. Use of standard support application packages. Prerequisite(s): BCIS 2610D.

LSCM 3960D - Logistics and Supply Chain Management

3 hours Analysis and design of logistics and supply chain systems. Topics include transportation, warehousing, inventory control, materials handling and packaging, and plant and warehouse locations within and between firms. Emphasis on concepts and practices that provide firms with a competitive advantage. Prerequisite(s): Junior standing.

MGMT 3860D - Human Resource Management

3 hours An introduction to personnel management. Topics include employment, placement and personnel planning, training and development; compensation and benefits; health, safety and security; and employee and labor relations. Open to non-business majors.

Spring (15 hours)

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

MGMT 4180D - Workplace Health and Safety

3 hours Problems of occupational safety and health (OSHA) workers' compensation, unemployment compensation, industrial security and environmental risk management. Open to non-business majors.

MGMT 4660D - International Management Perspectives

3 hours A comprehensive framework is used to study the management of multinational operations in cross-cultural environments with a focus on the decisions that managers must make. Topics include strategic planning, organization, human resources, operations management, entrepreneurship and ethics.

- Advanced Business Elective,

Credits / Units: 3.0

Fourth Year

Fall (15 hours)

FINA 4400D - Financial Markets and Institutions

3 hours Studies in the operations, mechanics and structure of the U.S. financial system. Topics include commercial banking, non-bank financial institutions, money and capital markets, the impact of monetary policy on financial

institutions and markets, and an introduction to the international financial system. Prerequisite(s): FINA 3770D with a grade of C or better.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

MGMT 4300D - Recruitment, Selection and Placement

3 hours Recruitment, selection and placement of employees in an organization. Test validation and other selection techniques relative to EEO, ADA and AAP laws. Recruiting, selecting and placing a culturally diverse work force.

MGMT 4890D - Legal Aspects of Employment Practices

3 hours Current legislation and its impact on human resources policy and practices.

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

Spring (15 hours)

BUSI 4940D - Business Policy

3 hours Enterprise management integrating the functional areas of business administration into a realistic approach to business problems; applying principles to complex problems at the executive level. Prerequisite(s): completion of all other business foundation courses with a grade of C or better and senior standing. To be taken during the last semester of course work.

MGMT 3870D - Management Research Methods

3 hours Develops skills in management research methods necessary for problem solving success. Particular emphasis is given to applying theory to management decision making based on objective methods for solving problems in organizational behavior, human resource management, entrepreneurship, and operations. Prerequisite(s): MSCI 2710 or equivalent and completed all pre-business courses.

MGMT 4840D - Compensation and Benefits Administration

3 hours Wage and salary administration in public and private organizations; determinants of general wage and salary levels and structures; total compensation systems; interrelationship among employee performance, intrinsic and extrinsic rewards, perceived equitable payments, and employee satisfaction. Open to non-business majors.

- Advanced Business Elective,

Credits / Units: 3.0

- Advanced Business Elective,

Credits / Units: 3.0

Bachelor of Science

Accountancy, BS

Requirements for the Bachelor of Science degree with a major in Accounting Control Systems include the following.

1. **Hours Required and General/College Requirements:** A minimum of 121 semester hours, of which 42 must be at the 3000 level or above (advanced), and fulfillment of degree requirements for the Bachelor of Business Administration degree.
2. **Pre-Business Requirements:** Students must have completed at least 45 credit hours of the pre-business program to be admitted into the major. Enrollment in upper-division courses is restricted until the following courses are complete with a C or above and a cumulative 2.7 UNT Dallas GPA.
 - ENGL 1310D - College Writing I
 - TECM 2700D - Technical Writing
 - ECON 1100D - Principles of Microeconomics
 - ECON 1110D - Principles of Macroeconomics
 - MATH 1190D - Business Calculus
 - BCIS 2610D - Introduction to Computers in Business
 - ACCT 2010D - Accounting Principles I (Financial Accounting)
 - ACCT 2020D - Accounting Principles II (Managerial Accounting)
 - DSCI 2710D - Data Description and Analysis with Spreadsheets
3. **Accounting Duplication Policy:** Accounting courses may not be taken more than twice whether at UNT Dallas or at another college or university. If the required grade is not made by the second attempt, the student cannot be an Accounting major. Students may not retake certain Accounting courses once they have completed (with a grade of C or better) a course for which it is a prerequisite.
4. **Advanced Accounting GPA Policy:** Accounting majors must have a 2.5 GPA in all ACCT 3000 and ACCT 4000 level courses taken at UNT Dallas or their equivalent taken at other colleges and universities. If this GPA is not met, the student will be required to retake the most recent Accounting course.
5. **Other Requirements:** Students who have courses that "double-dip," which count for both core and major, may be required to take additional electives to meet the 120 semester hour requirement.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective; please see your advisor for options.

{ } Denotes "double-dip" courses which count for both core and major course list.

Denotes that only one of these courses is required; enrolling in all three enables the student to meet 30-hour requirement for CPA exam sitting; alternatively, the student could take a business or general elective.

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

Spring (15 hours)

TECM 2700D - Technical Writing

3 hours **TCCNS Number:** -2311

Expository writing, especially for science, pre-engineering and business students. May be substituted for ENGL 1320 in some programs; students should consult advisers in their majors

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

ECON 1110D - Principles of Macroeconomics

3 hours **TCCNS Number:** -2301

Principles of economic organization and growth in modern, industrial society; money and banking, monetary and fiscal policy; determinants of national income and business fluctuations. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

MATH 1190D - Business Calculus

3 hours Differential and integral calculus with emphasis on applications to business. Prerequisite(s): two years of high school algebra and consent of department ; or MATH 1100D with grade of C or better.

Second Year

Fall (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)

A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)

External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Spring (15 hours)

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

DSCI 2710D - Data Description and Analysis with Spreadsheets

3 hours Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

ACCT 2020D - Accounting Principles II (Managerial Accounting)

3 hours **TCCNS Number:** (2302)

A study of the use of accounting information for business decision making. Topics include : cost behavior analysis, cost-volume-profit relationships, and the identification of costs relevant to the decision making process. Students are introduced to various cost system designs, standard costs, variable costing, operational budgeting, and decision making in decentralized businesses. Prerequisite(s): ACCT 2010D with a grade of C or better ; ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice whether at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Third Year

Fall (15 hours)

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

ACCT 3110D - Intermediate Accounting I

3 hours An in-depth study of the process of preparing and presenting financial information about an entity for outside users (Part I). Topics vary but typically include: standard setting; the accounting cycle including data accumulation, adjustments and preparation of financial statements; and valuation. There is a focus on the recognition, measurement and disclosure of revenue; inventory and cost of sales; and plant assets. Prerequisite(s): ACCT 2010D and ACCT 2020D with a grade of C or better ; ECON 1100D and ECON 1110D; and MATH 1190D or MATH 1400D or MATH 1710D. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

ACCT 3270D - Cost Accounting

3 hours Accounting in manufacturing operations; cost concepts and classifications; cost accounting cycle; accounting for materials, labor and burden; process cost accounting; budgeting; standard costs; cost reports; direct costing and differential cost analysis. Prerequisite(s): ACCT 2010D and ACCT 2020D with grades of C or better ; ECON 1100D and ECON 1110D; BCIS 2610D; and MATH 1190D or MATH 1400D or MATH 1710D. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite..

Spring (15 hours)

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

BCIS 3610D - Basic Information Systems

3 hours Theory, capabilities, applications, benefits, liabilities and economics of business computer information systems. Using the computer to solve business problems. Management information systems and computer-based decision support emphasized. Use of standard support application packages. Prerequisite(s): BCIS 2610D.

MGMT 4660D - International Management Perspectives

3 hours A comprehensive framework is used to study the management of multinational operations in cross-cultural environments with a focus on the decisions that managers must make. Topics include strategic planning, organization, human resources, operations management, entrepreneurship and ethics.

ACCT 3120D - Intermediate Accounting II

3 hours An in-depth study of the process of preparing and presenting financial information about an entity for outside users (Part II). Topics vary but typically include analysis of recognition, measurement and disclosure of: equity investments, financing activities (bonded debt, leases, pensions), income taxes, stockholders' equity, specialized reporting problems and cash flow. Prerequisite(s): ACCT 3110D; ACCT 3405D, if required for degree program; must have a 3.0 GPA in all ACCT 3000 and ACCT 4000 courses taken at UNT or their equivalent taken at other colleges and universities to take this course. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite..

ACCT 4100D - Accounting Systems

3 hours Introduction to technology/accounting information systems and their interface with processes and process re-engineering. Application of systems development life cycle to the engineering of accounting information systems. Emphasis on auditing system security and integrity. Coverage of project management and accounting systems development. Practical experience with a commercial accounting package. Prerequisite(s): ACCT 3120D is a Corequisite; must have a 3.0 GPA in all ACCT 3000 and ACCT 4000 courses taken at UNT or their equivalent taken at other colleges and universities to take this course. This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Fourth Year

Fall (15 hours)

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

ACCT 4300D - Federal Income Taxation

3 hours A comprehensive introduction to the U.S. federal income tax system. Emphasizes the taxation of individuals but many topics also apply to business entities. Coverage includes technical tax rules and motivations behind these rules, as well as tax planning opportunities and limitations. Prerequisite(s): ACCT 2010D and ACCT 2020D with grades of C or better. This course may not be taken more than twice at UNT or at another college or university.

BCIS 4660D - Decision Systems Design

3 hours Investigates model-based approaches to the design of decision systems for business and industry. Prerequisite(s): BCIS 3610D; ACCT 2020D and ACCT 2030 with grades of C or better; CSCI 1110 or equivalent; MSCI 3710 or MSCI 3870; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS and MSCI course, or consent of department.

ACCT 4140D - Advanced Accounting Principles

3 hours Problems connected with income determination and equity accounting, and consolidated statements; domestic and foreign branches, and international accounting; statement of affairs; fiduciaries; actuarial science. Prerequisite(s): ACCT 3120D with a grade of C or better. This course may not be taken more than twice at UNT or at another college or university.

ACCT 4400D - Auditing Professional Responsibilities

3 hours Introduction to auditing and the professional responsibilities of a career in any specialty of the accounting profession. Topics include the legal and ethical responsibilities of accountants; professional auditing standards; the acquisition, evaluation and documentation of audit evidence; reports on the results of the engagement. Prerequisite(s): ACCT 3120D and ACCT 4100D; BLAW 3430D. Must have a 2.5 GPA in all ACCT 3000 and ACCT 4000 courses taken at UNT or their equivalent taken at other colleges and universities to take this course. This course may not be taken more than twice at UNT or at another college or university.

Spring (15 hours)

- ECON 3XXXX-4XXXX,

Credits / Units: 3.0

MGMT 3830D - Operations Management

3 hours Management of production emphasizing industrial enterprises; production objectives; design and improvement of processes, work methods, and physical facilities; use of measurements and standards; production planning and control; quality control; budgetary and cost control; materials management. Prerequisite(s): DSCI 2710D.

ACCT 4410D - Auditing Evidence

3 3 hours. The investigation of accounting information. This is an introductory course in all aspects of the investigative process in auditing. Topics include evaluation in internal control, compliance testing, substantive testing, operational audits, statistical sampling and auditing EDP. Prerequisite(s): ACCT 4400 with a grade of C or better; DSCI 3710. May not be taken more than twice at UNT.

- ACCT Elective (ACCT 4270D, 4420D, 4800D)#,

Credits / Units: 3.0

Logistics and Supply Chain Management, BS

Requirements for the Bachelor of Science degree with a major in Logistics & Supply Chain Management include the following.

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be at the 3000 level or above (advanced), and fulfillment of degree requirements for the Bachelor of Business Administration degree.

2. **Pre-Business Requirements:** Students must have completed at least 45 credit hours of the pre-business program to be admitted into the major. Enrollment in upper-division courses is restricted until the following courses are complete with a C or above and a cumulative 2.7 UNT Dallas GPA.
 - ENGL 1313D - Computer Assisted College Writing I
 - ENGL 1323D - Computer Assisted College Writing II
 - ECON 1100D - Principles of Microeconomics
 - ECON 1110D - Principles of Macroeconomics
 - MATH 1190D - Business Calculus
 - COMM 1010D - Introduction to Communication (exempt from grade of C or higher rule)
 - BCIS 2610D - Introduction to Computers in Business
 - ACCT 2010D - Accounting Principles I (Financial Accounting)
 - ACCT 2020D - Accounting Principles II (Managerial Accounting)
 - DSCI 2710D - Data Description and Analysis with Spreadsheets
3. **Internship Requirement:** A paid internship is required for the LSCM degree. Eligibility is based on approval from the LSCM department and fulfilling GPA and major course requirements. Credit is not given for past or current experience. See advisor for more information.
4. **Other Requirements:** Students who have courses that “double-dip,” which count for both core and major, may be required to take additional electives to meet the 120 semester hour requirement.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective; please see your advisor for options.

{ } Denotes “double-dip” courses which count for both core and major course list.

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1190D - Business Calculus

3 hours Differential and integral calculus with emphasis on applications to business. Prerequisite(s): two years of high school algebra and consent of department ; or MATH 1100D with grade of C or better.

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

ECON 1110D - Principles of Macroeconomics

3 hours **TCCNS Number:** -2301

Principles of economic organization and growth in modern, industrial society; money and banking, monetary and fiscal policy; determinants of national income and business fluctuations. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum

Second Year

Fall (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)

A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)

External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Spring (15 hours)

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social

problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

DSCI 2710D - Data Description and Analysis with Spreadsheets

3 hours Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

ACCT 2020D - Accounting Principles II (Managerial Accounting)

3 hours **TCCNS Number:** (2302)

A study of the use of accounting information for business decision making. Topics include : cost behavior analysis, cost-volume-profit relationships, and the identification of costs relevant to the decision making process. Students are introduced to various cost system designs, standard costs, variable costing, operational budgeting, and decision making in decentralized businesses. Prerequisite(s): ACCT 2010D with a grade of C or better ; ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice whether at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

Third Year

Fall (15 hours)

DSCI 3710D - Business Statistical Analysis Using Spreadsheets

3 hours Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710D with a grade of C or better; ACCT 2010D and ACCT 2020D with grades of C or better; ECON 1100D.

BCIS 3610D - Basic Information Systems

3 hours Theory, capabilities, applications, benefits, liabilities and economics of business computer information systems. Using the computer to solve business problems. Management information systems and computer-based decision support emphasized. Use of standard support application packages. Prerequisite(s): BCIS 2610D.

BLAW 3430D - Legal and Ethical Environment of Business

3 hours Historical, economic, political and ethical bases of contracts and sales, including the Uniform Commercial Code, and the impact of regulatory agencies on business enterprise. Prerequisite(s): PSCI 1040D and PSCI 1050D, or equivalent.

MGMT 3860D - Human Resource Management

3 hours An introduction to personnel management. Topics include employment, placement and personnel planning, training and development; compensation and benefits; health, safety and security; and employee and labor relations. Open to non-business majors.

LSCM 3960D - Logistics and Supply Chain Management

3 hours Analysis and design of logistics and supply chain systems. Topics include transportation, warehousing, inventory control, materials handling and packaging, and plant and warehouse locations within and between firms. Emphasis on concepts and practices that provide firms with a competitive advantage. Prerequisite(s): Junior standing.

Spring (15 hours)

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

MKTG 3650D - Foundations of Marketing Practice

3 hours Survey of marketing concepts and practices and overview of the range of activities performed by marketing managers. Topics include the identification of market opportunities, strategic marketing planning, product/service development and management, price setting and management, establishing and managing distribution channels, and structuring promotional programs. Prerequisite(s): junior standing.

LSCM 4560D - Business Transportation Management

3 hours Principles of transportation covering the role of transportation systems; environmental and economic impacts; modal components; managerial and economic aspects of the various modes, with applications to both domestic and international operations.

- Advanced Business Elective,

Credits / Units: 3.0

Fourth Year

Fall (15 hours)

LSCM 4530D - E-Logistics in Supply Chain Management

3 hours Comprehensive inquiry into the role of e-commerce in collaborative distribution and logistics relationships. Special attention is afforded to resource and technology interdependencies, exchange governance mechanisms and relationship management bench-marking. Emphasis is given to the tools for creating value in the supply chain.

FINA 3770D - Finance

3 hours Overview of money and the banking system; interest and present value calculations; financial information; analysis and financial decision making; security markets. Prerequisite(s): completion of pre-business requirements, including ACCT 2010D and ACCT 2020D or equivalent with grades of C or better, or consent of department.

MGMT 3830D - Operations Management

3 hours Management of production emphasizing industrial enterprises; production objectives; design and improvement of processes, work methods, and physical facilities; use of measurements and standards; production planning and control; quality control; budgetary and cost control; materials management. Prerequisite(s): DSCI 2710D.

MGMT 3720D - Organizational Behavior

3 hours Individual behavior in formal organizations. Cases, lectures and experiential exercises in organizational culture, motivation, leadership, dynamics of power, perception and attribution, communication, decision making and performance, and individual differences.

- Advanced Business Elective,

Credits / Units: 3.0

Spring (15 hours)

BUSI 4940D - Business Policy

3 hours Enterprise management integrating the functional areas of business administration into a realistic approach to business problems; applying principles to complex problems at the executive level. Prerequisite(s): completion of all other business foundation courses with a grade of C or better and senior standing. To be taken during the last semester of course work.

FINA 4400D - Financial Markets and Institutions

3 hours Studies in the operations, mechanics and structure of the U.S. financial system. Topics include commercial banking, non-bank financial institutions, money and capital markets, the impact of monetary policy on financial institutions and markets, and an introduction to the international financial system. Prerequisite(s): FINA 3770D with a grade of C or better.

LSCM 4860D - Advanced Logistics Management

3 hours Application of logistics decision-making tools and skills as they apply to inventory, transportation, and warehouse management. Course stresses hands-on application of analytical tools useful in logistics; analysis of the characteristics of logistics system elements and their interrelationships within a company; developing skills to analyze

technical logistics problems; and developing executive-level communications skills leading to the concise statement of problems and proposed solutions. Prerequisite(s): LSCM 3960D. Capstone course to be taken during the last term / semester of course work.

MGMT 4660D - International Management Perspectives

3 hours A comprehensive framework is used to study the management of multinational operations in cross-cultural environments with a focus on the decisions that managers must make. Topics include strategic planning, organization, human resources, operations management, entrepreneurship and ethics.

- Advanced Business Elective,

Credits / Units: 3.0

Division of Education and Human Services

School of Education and Human Services

The mission of the School of Education and Human Services (EDHS) is to prepare teachers, principals, counselors, and human service professionals for employment and leadership in their respective disciplines in linguistically and culturally diverse communities in the North Texas region and beyond. Our faculty aspires to ensure that our graduates are highly qualified, actively recruited, and successfully employed in the North Texas region and beyond.

EDHS has two departments: Teacher Education and Administration; and Counseling and Human Services. The undergraduate degrees offered through EDHS are the Child Development and Family Studies, BS, the Human Services Management and Leadership, BS, and the BS in Interdisciplinary Studies (Teacher Education) with state certification options. All teacher education certification programs are accredited by the Texas Education Agency. *For information about teaching Mathematics with Secondary Teacher Certification, BA , please refer to the School of Liberal Arts and Life Sciences .

Bachelor of Science

Child Development and Family Studies, BS

A Bachelor's of Science Degree in Child Development and Family Studies prepares graduates with the knowledge and skills to effectively work with young children and their families in multicultural and multilingual urban settings. This program is distinctive in that it emphasizes healthy development of young children (0 to 5 years old) and their families, particularly those who are bilingual. Courses and approximately 100 hours of hands-on experiential learning allow students to develop skills and knowledge to serve typically developing young children in the home, community, and child care settings.

Program Advisor: Nedra Washington
Nedra.Washington@untdallas.edu

Requirements for the Bachelor of Science degree with a major in Child Development and Family Studies includes the following:

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 Science degree.
2. Major Requirements: Completion of a minimum of 39 hours from Child Development of which 30 must be advanced. Students should complete 3000D-level courses before enrolling in 4000-level courses.

3. Minor Requirements: A minor requires at least 18 hours in a given subject, including 6 hours of advanced work. Specific course sequences for a minor are determined by the department offering the minor. A minor is not required but is an option. Students also have the option of pursuing one of two focused tracks described in the electives below.
4. Electives: One of two focused tracks for electives are recommended:
 1. **Business Management** focus is for individuals who intend to seek child care management positions. (See below).
 2. **Practitioner** focus is for individuals who prefer working directly with children and families. This results in a Certificate in Alternative Dispute Resolution.
5. Requirements: All students entering the Child Development program must have a cumulative Grade Point Average of at least 2.0 and be in good academic standing. Must clear criminal background check.

Curriculum

Students will earn 42 hours in CORE curriculum courses. Then, they will earn 39 hours of major requirements and 39 hours of electives.

Major Requirements

(39 hours needed of which 30 are advanced courses)

DFST 3113D - Infant and Toddler Development

3 3 hours. Infant and Toddler Development Growth and development of the child from conception to three years, including the influence of the family and environment. Prerequisite(s): None.

DFST 3123D - Child Development

3 3 hours. Basic principles of development and learning; physical, cognitive, language, social and emotional development in early and middle childhood (ages 3 to 10 years). May require some observation and case study.

DFST 3213D - Infant and Toddler Intervention

3 3 hours. Focus on roles of professionals and parents/caregivers in fostering individual infant and toddler development through appropriate interactions and care, safe and healthy environments, and developmental intervention. Fifteen hours field observation with infant and toddlers required. Course has been approved as fulfilling competencies for Early Intervention Specialist Credential. Prerequisite(s): DFST 3113 or equivalent.

DFST 3423D - Family, School, and Community

3 hours Analyzing family, school and community resources and needs as related to the family life cycle; child welfare and education, ecological approach; and exploration of careers related to children and families. Strategies to improve communication and collaboration are emphasized with a focus on family types, cultures, economic conditions, school systems, community services, political forces, advocacy groups and other factors that impact young children and their families. Fifteen hours a semester in field work arranged.

DFST 4023D - Practicum

3 3 hours. Requires a minimum of 150 clock hours of in-depth experience with an approved agency or research related to development and/or family studies, plus seminar. Emphasis is placed on application of knowledge and skills to actual job roles and responsibilities. Prerequisite(s): DFST 1023 , DFST 4011 . Students must have a minimum 2.45 overall grade point average, completion of 90 hours or more, and have received a grade of C or better in DFST 4011 , Pre-practicum, and have the practicum site approved the previous term/semester by pre-practicum instructor.

DFST 4253D - Administration of Programs for Children, Youth and Families

3 3 hours. Analysis of programs, personnel policies, facility administration and related topics for teachers and administrators who work with children, youth and families. Prerequisite(s): course in child development.

DFST 4323D - Family Law and Public Policy

3 3 hours. Laws and public policies as they relate to and affect the family. Junior/Senior classification required. Prerequisite(s) : Junior or Senior standing.

DFST 4413D - Family Life Education

3 3 hours. The practice and process of family life education and training of professionals in the child development and family field. Curriculum and program development and evaluation. Teaching strategies and professional responsibilities. Prerequisite(s): DFEC 2033D.

EDEC 3613D - Introduction to Early Childhood Education

3 hours Historical foundations of early childhood education, current programs, best practices and legal and ethical issues. Introduction of how understanding development of typical and atypical young children influences objectives, activities, materials, and teaching strategies and techniques in an early childhood classroom. Prerequisite(s): DFEC 3123 (may be taken concurrently).

EDEC 4243D - Environmental Processes and Assessment

3 hours (3;3;0) Considers early childhood learning processes as well as implications for individual, group, and program assessment. Areas of emphasis include development of skills in selection, use and interpretation of developmentally appropriate practices. Focus areas include formal, informal and holistic assessment instruments as well as learning environment materials and resources. Implications for technology in assessment and management are discussed. Laboratory experiences required. Prerequisite(s): DFEC 4233. EC-4 students must also complete EDEC 3613D as a prerequisite.

EDEC 4633D - Nurturing Children's Social Competence

3 hours Facilitating the social and emotional skills of young children. Incorporates an ecological approach to significant influences on self-esteem and self-concept including diversity, family, creativity and individual differences. Includes analysis of play theory and research. Field experience required. Prerequisite(s): EDEC 3613D.

SPAN 3080D - Advanced Spanish Composition and Grammar for Bilinguals

3 hours 3080. Advanced Spanish Composition and Grammar for Bilinguals. 3 hours. Principles of academic writing, spelling, and grammar in Spanish, directed specifically towards bilinguals (Spanish heritage and native speakers). Course will be taught in Spanish. Prerequisite(s) : Demonstrate native or near-native language ability as defined by results of departmental proficiency exam and / or consent of department.

Recommended General Electives

(21 hours of which 12 must be advanced courses)

Two recommended tracks are available: (21 hours needed)

Business Management Focus

ACCT 2010D - Accounting Principles I (Financial Accounting)

3 hours **TCCNS Number:** (2301 or 2401)

External uses of accounting information; interpretation of accounting data; analysis of financial statements; income and cash flow analysis; nature of assets and liabilities; understanding accounting reporting process. Prerequisite(s): ECON 1100D; MATH 1100D (or higher). This course may not be taken more than twice at UNT or at another college or university. Students may not retake this course once they have completed (with a grade of C or better) a course for which this is a prerequisite.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)

A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

MGMT 3330D - Communicating in Business

3 hours Development of interpersonal business communication skills in the following areas: group communication, written communication (collaborative writing and business letters, memorandums and reports), oral communication (business presentations, meetings and interviews), and listening. The following topics are also addressed: international communication and electronic communication technology. Satisfies the Communication requirement of the University Core Curriculum.

MGMT 3820D - Management Concepts

3 hours Management philosophy; planning, organizing and controlling; entrepreneurial processes; organizational performance; structure and design. Includes an overview of organization theory and strategic management.

MGMT 3850D - Entrepreneurship

3 hours Initiation of new ventures and approaches to growth of existing firms through opportunity recognition, innovation and change. Emphasizes developing effective entrepreneurial skills and behaviors. Includes preparation of a comprehensive business plan. Open to non-business majors.

MGMT 3860D - Human Resource Management

3 hours An introduction to personnel management. Topics include employment, placement and personnel planning, training and development; compensation and benefits; health, safety and security; and employee and labor relations. Open to non-business majors.

MGMT 4900D - Special Problems

1-3 hours Supervised study on a selected management topic. Typically requires a research paper and significant independent study. Prerequisite(s): consent of department.

Practitioner Focus

(Results in a Certificate in Alternative Dispute Resolution)

RHAB 3000D - Microcounseling

3 3 hours. Microcounseling skills and case presentation. Students learn and practice specific interpersonal communication and microcounseling skills related to human service delivery.

PACS 4000D - Mediation

3 hours Develops mediator competence. Defines and examines the process of mediation. Covers the history and development of mediation and introduces theories of conflict management. Reviews diverse settings of mediation, such as domestic, commercial, non-profit, employment and institutional environments. Significant legal, ethical, professional cultural and gender considerations are explored. Students participate in mediation exercises and simulations. Required for interdisciplinary minor in alternative dispute resolution.

PACS 4010D - Family Mediation

3 hours Provides mediators with advanced practical skills and clear theoretical understanding of family mediation, with particular emphasis on divorce and child custody issues. Meets statutory requirements of Texas and many other states for mediators of disputes relating to the parent-child relationship. Preequisite(s) : PACS 4000D Mediation.

PACS 4050D - Negotiation and Dispute Resolution

3 hours Introduces the fundamentals of non-litigation strategies for a variety of business, professional and personal settings. Learning and skills are developed through lecture, role playing, out-of-class assignments, case studies and negotiation simulations. Required for interdisciplinary minor in alternative dispute resolution

PACS 4060D - Practicum in Mediation and Dispute Resolution

3 hours Provides opportunity for students to round out their education in dispute resolution through participation in numerous exercises, simulations and actual mediations and/or other forms of alternative dispute resolution.

Prerequisite(s): .PACS 4000D

COUN 3600D - Therapeutic Play

3 3 hours. Didactic and experiential training in how to be a therapeutic agent in children's lives by using structured therapeutic play sessions. Participants are taught basic child-centered play therapy principles and skills, including reflective listening, recognizing and responding to children's feelings, therapeutic limit setting, building children's self-esteem, and structuring therapeutic play sessions with children using a special kit of selected toys. Observations of play therapy sessions and skill building therapeutic play sessions are required.

DFST 4213D - Child Life Seminar

3 3 hours. Provide historical and theoretical perspective on the development of the child life field and information on fundamental skills required to help children and families cope with the stress of the healthcare experience.
Prerequisite(s): Senior level standing or department approval.

Human Services Management and Leadership, BS

The mission of the Human Services Management and Leadership (HSML) program is to prepare human service practitioners, through education, research, and service, to serve as leaders in nonprofit service agencies. The HSML program provides an innovative interdisciplinary curriculum designed to prepare highly competent professionals to work in nonprofit organizations serving individuals, groups, organizations, and communities.

Program Faculty Advisor: Dr. Constance Lacy at Constance.Lacy@untDallas.edu

Students may indicate an intention of majoring in Human Services Management and Leadership (HSML) at any point during the early part of their academic career by declaring a pre-HSML major. They may consult with HSML advisors regarding degree requirements at any time. However, formal acceptance as an HSML major program is contingent upon (a) earning a "B" or better in HSML 3000, (b) having a 2.75 GPA overall, and (c) approval of a formal application for admission. Applications are available from program faculty.

Requirements for the Bachelor of Science degree with a major in Human Service Management and Leadership include the following.

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 Science degree.
2. **Major Requirements:** Completion of a minimum of 33 hours from the human service curriculum, of which 27 must be advanced. Students should complete 3000-level courses before enrolling in 4000-level courses.
3. **Minor Requirements:** A minor requires at least 18 hours in a given subject, including 6 hours of advanced work. Specific course sequences for a minor are determined by the department offering the minor. A minor is not required **BUT** recommended in Psychology or Sociology.
4. **Specialization/Certificate Program Requirements:** A minimum of 12 hours in one of the approved human services specialization or certificate programs, specifically Applied Gerontology, Substance Abuse/Addictions, or Alternative Dispute Resolution.
5. **Electives:** Hours required for electives may vary based on course selection and the University Core Curriculum Requirements. Students are responsible for completing the total minimum hours required for the degree.
6. **GPA Requirements:** All students entering the Human Services Management Leadership program must have a cumulative grade point average of at least 2.0 or otherwise be in good academic standing.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Part-time students may make adjustments and should consult with their advisor for course prerequisites. Courses transferred from another institution may satisfy curriculum requirements. Students should consult with their advisor to ensure courses are taken in the appropriate sequence and to determine substitution of transfer courses if necessary.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see the current catalog for full course list.*

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 Science degree.

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

- Mathematics
- Natural Science
- Natural Science
- Visual and Performing Arts
- Humanities

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)
U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)
Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

- Social and Behavioral Sciences
- Discovery

HSML 4750D - Capstone Course

3 hours Course is designed to crystallize the competencies covered in the HSML degree program and promote critical thinking and effective writing on those topics. Format includes exchange between students and nonprofit professionals

on leadership and management issues to : expand individual competencies, build leadership confidence, and affirm learning acquired during the program. Serves as a final preparation for internship / employment in a non-profit agency. Prerequisite(s) : Students must complete HSML major core courses and obtain the permission of the HSML Program Coordinator.

2. Major Requirements:

Completion of a minimum of 33 hours from the human service curriculum, of which 27 must be advanced. Students should complete 3000-level courses before enrolling in 4000-level courses.

HSML 3000D - Human Service in the Nonprofit Sector

3 hours The foundation course for students interested in a career in one of the human service professions. Examination of the philosophy, values, roles and responsibilities of human services and human service workers in today's society. Examination of personal needs, interests, and potential strengths as a professional human service worker.

HSML 4000D - Introduction to Financial Management for Nonprofit Organizations

3 hours This course is designe to introduce students to the fiscal disciplines of nonprofit organizations. Students will learn basic skills in accounting principles, analyzing financial information, reporting requirements, cash management, and capital budgeting. Prerequisite(s): Student may not take this course concurrently with HSML 3000D .

HSML 4700D - Program Planning and Evaluation

3 hours Provides students with basic skills in conceptualizing, designing and planning human service-related programs for and within nonprofit agencies. Program evaluation with emphasis performance outcomes and utilizing assessment results to strengthen program operation is emphasized. Prerequisite(s): Students should complete 3000-level courses before enrolling in 4000-level courses.

HSML 4750D - Capstone Course

3 hours Course is designed to crystallize the competencies covered in the HSML degree program and promote critical thinking and effective writing on those topics. Format includes exchange between students and nonprofit professionals on leadership and management issues to : expand individual competencies, build leadership confidence, and affirm learning acquired during the program. Serves as a final preparation for internship / employment in a non-profit agency. Prerequisite(s) : Students must complete HSML major core courses and obtain the permission of the HSML Program Coordinator.

HSML 4850D - Human Service Internship

3 hours Supervised work in a community agency that is directly related to the student's career and specialization interests. Designed to integrate theory and practice in human services and prepare students for practical application of skills, knowledge and philosophy in a supervised setting. Students must meet individual employers' requirements and obtain consent of Human Service program director. Prerequisite(s): Students must complete HSML major core courses and obtain the permission of the HSML Program Coordinator after submitting the Internship Application.

PACS 4220D - Proposal Writing and Grants Administration

3 hours Students will learn the basic steps in researching funding ideas including how to use the Internet as a fundamental tool, and the detailed steps required for preparing funding applications. The course will also focus on the

skills and tools needed to monitor funds once grants have been awarded. Prerequisite: Students should complete 3000-level courses before enrolling in this 4000-level course. HSML majors must complete HSML 3000D and PACS 4250D before taking this course.

PACS 4240D - Volunteer Management Concepts and Applications

3 hours Analysis and review of day-to-day applications of management principles to the administrative and operating practices of contemporary volunteer programs in the public, not-for-profit, and for-profit sectors. Focuses on volunteer program management and organization, including targeting, recruiting, training, supervising, motivating, counseling, retaining and recognizing volunteer workforces. May not be repeated if credit has been received for it at the graduate level. Prerequisite: Students should complete 3000-level courses before enrolling in this 4000-level course. Students may take this class concurrently with HSML 3000D .

PACS 4250D - Community Resource Mapping and Collaboration

3 hours Analyzes systems that measure community assets and resources. Explores the means of identifying and approaching potential collaborative community partners, and focuses on the development of joint proposals and/or business plans. Provides an overview of the role of volunteer managers and agency leadership of community organizations that provide resources in the development of a collaborative, capacity building community. An ecological approach is used to analyze the full range of human service agency services: health, social, educational, diagnostic, enrichment, religious, civic and legal. Students have an opportunity to do field work with agency staff on assigned community projects. Prerequisite: Students should complete 3000-level courses before enrolling in this 4000-level course.

MGMT 4470D - Leadership

3 hours An in-depth course on leadership. Students are provided practical tools and methods of leadership that will apply to a variety of organizational structures. Students gain insights about their own personalities, skills, ethics, values and beliefs as they relate to leading others, and have the opportunity to discuss and debate a number of leadership topics.

RHAB 3000D - Microcounseling

3 3 hours. Microcounseling skills and case presentation. Students learn and practice specific interpersonal communication and microcounseling skills related to human service delivery.

RHAB 3900D - Case Management in Rehabilitation

3 hours Application of the rehabilitation model as an approach to individualized service delivery. Focuses on interviewing, assessment, individualized service planning, and coordination of rehabilitation services. Prerequisite(s): RHAB 3100 and COUN 3000D .

3. Minor Requirements:

A minor requires at least 18 hours in a given subject, including 6 hours of advanced work. Specific course sequences for a minor are determined by the department offering the minor. A minor is not required **BUT** recommended in Psychology or Sociology.

Psychology

PSYC 1630D - General Psychology I

3 hours Nature of psychology with emphases on the study of personality development, decision making, reactions to frustration, mental health, and how the individual interacts with and is influenced by others. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

PSYC 2317D - Quantitative Methods

4 hours Techniques appropriate for treatment of psychological data; frequency distributions, percentiles, measures of central tendency and variability, normal curve function, simple correlational analyses, and applications of sampling theory. Prerequisite(s) : MATH 1100D - College Algebra.

PSYC 2580D - Health Psychology

3 hours Examines psychological, physiological, social and behavioral factors as they influence and are influenced by physical health. Health psychology is concerned with the acquisition and maintenance of health through behavior change strategies, the prevention and/or treatment of illnesses, the role of psychosocial and stress factors in the development of physical illness, and the formulation of health care policy. Satisfies the Wellness requirement of the University Core Curriculum.

PSYC 3520D - Introduction to Industrial Organizational Psychology

3 hours Personnel and organizational psychology; selection and testing procedures, test validation, and theories of organization, leadership and job performance. Prerequisite(s): PSYC 2317D or equivalent.

PSYC 3620D - Developmental Psychology

3 hours Basic theories and research in life-span developmental psychology; parent-child relations, identification, peer relations, self-concept, language learning, perceptual and cognitive development.

PSYC 4610D - Abnormal Psychology

3 hours Major psychoses, neuroses and other types of maladaptive behavior patterns that are common problems in society; descriptions of symptomatology, theoretical approaches and epidemiological variables. Prerequisite(s): junior standing and 12 hours of psychology, or consent of department.

Sociology

SOCI 1510D - Introduction to Sociology

3 hours **TCCNS Number:** (1301)

Social and cultural basis for human behavior; impact of societal groups and organizations on personal identity, feelings and actions; influence on the self in relation to the family, peer groups, social classes, religion and social institutions. Satisfies arts and sciences core social science requirements. Required of all sociology majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

SOCI 3200D - Sociological Theory

3 hours Survey of development of sociological theory; emphasizes nature and types of contemporary theory. Prerequisite(s): SOCI 1510D or equivalent. Required of all sociology majors.

SOCI 3280D - Quantitative Methods of Social Research

3 hours Role of quantitative methods in social research; application of quantitative techniques and procedures to social data, statistical inference; data processing. Prerequisite(s): SOCI 3220D or equivalent. Required of all sociology majors. Restricted to Sociology majors only.

SOCI 4260D - Topics in Sociology

3 hours Investigation, analysis and discussion of a significant, contemporary topic. May be repeated for credit as topics vary.

SOCI 4340D - Social Psychology and Behavior in the Social Environment

3 hours Social and cultural bases of diverse human behavior; social matrix of personality, organization and disorganization. Prerequisite(s): SOCI 1510D or equivalent. Advised for students planning sociology graduate work.

SOCI 4540D - Race and Ethnic Minorities

3 hours Conditions and distribution of race and ethnic minorities; socio-psychological and cultural factors in race and ethnic relations; pattern of relations in the United States with emphasis on the Southwest and on social services. Prerequisite(s): SOCI 1510D or SOWK 1450 and other equivalents. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

4. Specialization/Certificate Program Requirements:

A minimum of 12 hours in one of the approved human services specialization or certificate programs, specifically Applied Gerontology, Substance Abuse/Addictions, or Alternative Dispute Resolution.

Applied Gerontology

AGER 4500D - Long-Term Care Case Management with Older Adults

3 hours This practitioner-oriented course focuses on the foundations of case/care management and the care management process as practiced with impaired elderly clients and their family caregivers. Topics include older client intake and assessment, establishing goals and a plan of care, coordinating and linking services and resources, and managing and monitoring care. Situations commonly encountered with at-risk elders are examined using protocols.

AGER 4550D - Sociology of Aging

3 hours Twenty-somethings, generation Xers, baby boomers all will be senior citizens sooner or later. Their sex, race/ethnicity and social class will affect their experience of aging. Course explores issues related to successful aging, including what young adults should be doing now to ensure that they have happy, healthy, wealthy and creative golden years. Prerequisite(s): SOCI 1510D or equivalent. (Same as SOCI 4550D.)

AGER 4750D - Sexuality and Aging

3 hours One of the most pervasive myths of aging is that older people are non-sexual. This course challenges popular stereotypes and examines sexual attitudes, activity and behavior as people age. In addition to common social beliefs and attitudes that may affect the opportunity for sexual expression among older adults, biological changes and sexual response are explored, as are other aspects of intimacy important to aging individuals.

AGER 4780D - Aging Programs and Services

3 hours Introduction to the history of social policy in aging; derivations and directions of public policy, interrelationships of agencies; discussion of selected programs and services for the aged.

Alternative Dispute Resolution

PACS 4000D - Mediation

3 hours Develops mediator competence. Defines and examines the process of mediation. Covers the history and development of mediation and introduces theories of conflict management. Reviews diverse settings of mediation, such as domestic, commercial, non-profit, employment and institutional environments. Significant legal, ethical, professional cultural and gender considerations are explored. Students participate in mediation exercises and simulations. Required for interdisciplinary minor in alternative dispute resolution.

PACS 4050D - Negotiation and Dispute Resolution

3 hours Introduces the fundamentals of non-litigation strategies for a variety of business, professional and personal settings. Learning and skills are developed through lecture, role playing, out-of-class assignments, case studies and negotiation simulations. Required for interdisciplinary minor in alternative dispute resolution

PACS 4060D - Practicum in Mediation and Dispute Resolution

3 hours Provides opportunity for students to round out their education in dispute resolution through participation in numerous exercises, simulations and actual mediations and/or other forms of alternative dispute resolution.
Prerequisite(s): .PACS 4000D

PACS 4020D - Dispute Resolution in the Workplace

3 hours Review of alternative dispute resolution (ADR) to address sources of conflict in the workplace. Examines procedures and benefits of arbitration, mediation, ombudspersons, mini-trials, neutral fact-finding and other alternatives to litigation-based conflict resolution. Trends in use and ethical/professional considerations are considered.

Substance Abuse and Addictions

RHAB 4075D - Drugs and Alcohol

3 hours Covers the psychological, biological and behavioral causes and effects of substance abuse and addiction with particular focus on the impact of alcohol, cannabis, nicotine, opiates, stimulants, depressants and hallucinogens on mind, body and behavior. Prerequisite (s): Students should complete 3000-level courses before enrolling in this 4000-level course.

RHAB 4175D - Addiction Treatment Models

3 hours Provides an overview of treatment strategies used in the treatment of alcohol/drug abuse and dependence. Examines the basic chemical dependency treatment service delivery systems within the context of AODA counseling theory. Prerequisite(s) : RHAB 4075D or RHAB 3975D.

RHAB 4475D - Assessment of Alcoholism and Chemical Dependency

3 hours Explores the tools and dynamics of assessing chemical dependency, the placement and referral of these clients and treatment planning. Students learn to systematically gather data from clients and other sources; to use psycho-social instruments that are sensitive to age, gender and culture; and to apply accepted criteria in diagnosing substance abuse disorders and making treatment recommendations. Prerequisite(s): HSML majors must complete HSML 3000D .

RHAB 4675D - Alcohol Drug Abuse Counseling

3 hours Practice of alcohol and other drug abuse (AODA) counseling focuses on familiarizing students with the core competencies necessary for effective interventions within addiction treatment settings and prepares them to apply these skills in AODA counseling practice. Prerequisite(s): RHAB 4175D & RHAB 4475D. HSML majors must complete HSML 3000D .

5. Electives:

Hours required for electives may vary based on course selection and the University Core Curriculum Requirements. Students are responsible for completing the total minimum hours required for the degree.

Recommended General Electives

DFST 1013D - Human Development

3 **TCCNS Number:** (TECA 1354)

Introduction to the theories and processes of physical, cognitive and social development of the individual from conception until death. Suitable for non-majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

DFST 2033D - Parenting in Diverse Families

3 **TCCNS Number:** (TECA 1303)

Commonalities and differences in parenting, caregiving and family life are emphasized from systems, ecological and cross-cultural perspectives. Parenting and caregiving in diverse family forms and cultures are studied in relation to adult-child interactions, parent/school/community relations, family roles, laws, and parenting skills. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

- HSML 4500D - Human Behavior and the Social Environment II or 3/4XXXD General Elective
- HSML 4525D - Problems of Youth: Prevention and Intervention or 3/4XXXD General Elective

HSML 4620D - Topics in Human Services

3 hours This course is the study of various topics in Human Services and issues of concern for non-profit managers. Prerequisite(s) : Consent of department.

- RHAB 4250D - Group Processes in Human Services or General Elective

RHAB 3975D - Addictions

3 hours Examines the relationship of substance abuse and addiction to individual functioning and health, social welfare, criminality, and family life. Reviews the history of drug use, control and treatment as well as modern methods of treatment.

SOWK 3500D - Human Behavior and the Social Environment I

3 hours Theories of human interaction as a framework for practice decisions. Ecological and strengths-based perspective to explore social systems as vehicles for individual and societal change. Part of a two-course sequence focusing most specifically on the human life course as it is impacted by biological, psychological, social and cultural factors. Prerequisites(s): SOWK 3500; SOCI 3800D; SOWK 4540D. Co-requisite with SOWK 4800 and SOCI 4880.

SOWK 4540D - Human Diversity for the Helping Professions

3 hours Conditions and issues affecting human diversity across American populations; including socio-psychological and cross-cultural patterns and traditions of oppression, with emphasis on social policies in the Southwest and strategies for change. This course is intended for human service professionals. Prerequisite: HSML Majors: This class may be taken concurrently with HSML 3000D - Human Service in the Nonprofit Sector .

- General Elective

Interdisciplinary Studies with Elementary Education Certification (English, Language Arts and Reading 4-8 and ESL Teacher Certification), BS

The Bachelor of Science degree with a major in Interdisciplinary Studies include the following teacher certification options: Early Childhood (EC) - 6 Generalist and Bilingual Certification; EC-6 Generalist and English as a Second Language Certification (ESL); EC-6 Generalist and Special Education (EC-12); 4-8 English, Language Arts and Reading and English as a Second Language (ESL); 4-8 Mathematics and English as a Second Language Certification (ESL); and 4-8 Science and English as a Second Language Certification (ESL) and 4-8 Social Studies and English as a Second Language (ESL). The following requirements are applicable to all students pursuing a teaching certificate:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Science degree.
2. **Other Requirements:**
 - a. **Admission to the Teacher Education Program:** Prior to enrolling in designated Teacher Education courses, students must meet these requirements for admission to the Program:
 - Have junior level status
 - Pass the Accuplacer or THEA OR qualify for ACT/SAT/TAKS exemption
 - Accuplacer: 80(Reading), 63(Math), 80/5 or 6 or higher on essay(Writing)
 - THEA: 240(Reading), 230(Math), 220(Writing)
 - Have a 2.75 overall GPA **AND** a 2.75 GPA in the completed core
 - A grade of "C" or better in the required English, Math, History, Political Science, and Science courses
 - Have a degree plan completed or in process
 - Complete Math 1350, and two of the required Science courses with a grade of "C" or better, and have no more than five classes remaining that do not require admission to the Teacher Education Program

- Provide two professional reference forms, including one from college faculty (must be from two separate individuals and excluding family members)
 - Successfully pass the Bilingual Language Assessment (where applicable)
 - Completed Entrance Interview
- b. The methods course sequence and student teaching are completed in the two final semesters of the degree. The Teacher Education Program offers methods courses (Clinical I) during a day and evening track. Students are encouraged to consider their needs and goals when choosing a path for completing their coursework. Regardless of whether a student chooses to attend the methods courses during the day or during the evening, they will be required to complete classroom observations required for each course. Students must apply for the methods courses the semester prior to enrolling in the courses and attend a mandatory orientation session. All students applying for the methods courses must have a 2.75 or better GPA in the Core, Academic Major, and Pedagogy.
3. All courses and their transfer equivalents or substitutions must be completed with a **grade of C or better** in order to advance to the professional methods courses and student teaching.
 4. See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 5. **Eligibility for Teacher Certification and Endorsements:** In order to receive recommendation for teacher certification through UNT Dallas, students must:
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary or all level
 - Successfully complete student teaching
 - Pass appropriate content and Pedagogy and Professional Responsibilities (PPR) sections of the Texas Examinations of Education Standards (TEXES). For Bilingual certification, candidates must also pass the TEXES Bilingual Target Language Proficiency Test (BTLPT). See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 - Apply for the appropriate teaching certificate with the Texas Education Agency (TEA).
 - See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the test approval and application processes.
 - Criminal background check.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Part-time students may make adjustments and should consult with their advisor for course prerequisites. Courses transferred from another institution may satisfy curriculum requirements. Students should consult with their advisor to ensure courses are taken in the appropriate sequence and to determine substitution of transfer courses if necessary.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

General (Core) Requirements

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory.

Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

- *Mathematics (MATH 1350D)
- *Life & Physical Science (See Certification Requirements)
- *Life & Physical Science (See Certification Requirements)
- Creative Arts (ART 1300D)
- *Language, Philosophy & Culture (ENGL 2220D)

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

- *Social and Behavioral Sciences (DFST 1013D)
- *Component Area Option
- Component Area Option

Certification Requirements

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1350D - Mathematics for Elementary Education Majors I

3 hours Concepts of sets, functions, numeration systems, different number bases, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1100D with grade of C or better.

MATH 1351D - Mathematics for Elementary Education Majors II

3 hours Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1350D

DFST 1013D - Human Development

3 **TCCNS Number:** (TECA 1354)

Introduction to the theories and processes of physical, cognitive and social development of the individual from conception until death. Suitable for non-majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

BIOL 1082D - Biology for Educators

3 hours (3;3) Develop a meaningful and functional command of key biological concepts; an understanding of the interrelationships among all living things; and a correlation between what pre-service teachers are required to learn and what they will be required to teach. Includes laboratory. BIOL 1082D is a general biology course with laboratory designated for elementary and middle school education majors for seeking teacher certification. Note: this course may not be used to satisfy the laboratory science requirement for majors in the College of Arts and Sciences.

GEOG 1710D - Earth Science

3 hours **TCCNS Number:** -1401

(3;2) Principles and processes of physical geography. Introduction to mapping, weather and climate, soil and vegetation, and landforms of rivers, coasts and deserts. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.
OR

ENGL 2220D - Masterpieces of world literature since the Renaissance

3 hours **TCCNS Number:** -2333

Prerequisite(s): three semester hours of freshman-level English or equivalent credit. Satisfies the Humanities requirement of the University Core Curriculum.

- Approved Journalism Elective

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411

(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

OR

SPAN 3080D - Advanced Spanish Composition and Grammar for Bilinguals

3 hours 3080. Advanced Spanish Composition and Grammar for Bilinguals. 3 hours. Principles of academic writing, spelling, and grammar in Spanish, directed specifically towards bilinguals (Spanish heritage and native speakers). Course will be taught in Spanish. Prerequisite(s) : Demonstrate native or near-native language ability as defined by results of departmental proficiency exam and / or consent of department.

Academic Major: English, Language Arts and Reading

THEA 3400D - Theatre for Young Audiences

3 hours (3;1) Recognition and examination of the history and philosophy, production and performance of theatre for young audiences. Through focused inquiry, work on the practical problems that arise in the selection and performance of dramatic texts, original collective creations and adaptation of selected literature. Emphasis on connecting artistic practices and trends in educational theatre to theories of child/adolescent development. Course designed for those who advocate theatre as a stimulus for learning, whether they are specializing in classroom teaching or seeking careers in professional theatre. Class activities may take place on site in a school or at a theater.

- ENGL Approved Advanced Ethnic Literature Course

ENGL 4160D - Advanced Expository Writing

3 hours 4160. Advanced Expository Writing. 3 hours. Tutorial course in logical and rhetorical principles; practice in writing effective exposition; analyzing and criticizing models.

- ENGL Approved Advanced British Literature
- ENGL Approved Advanced American Literature

EDSP 3210D - Educational Aspects of Exceptional Learners

3 hours Overview of the unique physical, cognitive and behavioral needs of exceptional learners. The teacher's role in identification and referral procedures and implementation of effective educational practices as required by federal and state law are examined.

LING 3060D - Principles of Language Study

3 hours An introductory linguistics course that focuses on the structure of English (phonology, morphology and syntax). The course includes language acquisition and development, the history of English, dialects of American English and problems of usage.

EDBE 3470D - Foundations of Bilingual and English as Second Language Education

3 hours Examination of philosophies and theoretical underpinnings of bilingual and ESL education, including a review of historical antecedents of bilingual education and evolution of federal and state language policies governing the education of language-minority children. Three lecture hours a week. Course required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): May be taken concurrently with EDBE 3480D. Admission to Teacher Education or permission of department.

EDBE 3480D - Bilingualism and Multiculturalism for English Language Learning : Issues and Perspectives

3 hours Study of the bilingual learner; perspectives on multiculturalism; discussions of cognitive, social and affective factors impacting second language development; insights into education in a pluralistic society. Three lecture hours a week. Observations are required. Course required for students seeking grades EC-4 or 4-8 Generalist certification with specialization in bilingual or ESL education, or 4-8 certification with mathematics/ESL, science/ESL, social studies/ESL, or Reading/LA/ESL. Prerequisite(s): May be taken concurrently with EDBE 3470D. Admission to Teacher Education or permission of department.

- Approved Elective
- Approved Elective
- Approved Elective
- Approved Elective

Academic Major: Teacher Education Requirements

The following courses require Admission to the Teacher Education Program.

EDUC 3320D - Foundations of Education

3 hours 3 hours. Standards and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment.

EDSP 4340D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 hours Approaches to behavioral management of exceptional learners across a variety of educational settings. Implementation of individualized techniques including applied behavioral analysis, as well as larger-group strategies, to foster positive behavioral, social, and emotional growth. Special attention to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

EDSE 4060D - Content Area Reading in Secondary Schools

3 hours (0;0;3) Provides an overview of the reading process with emphasis on reading to learn in the secondary school content areas. Course provides knowledge and skills for identifying reading problems, modifying instructional materials and processes, and using writing to promote learning and thinking in the content areas. Instruction,

assignments, directed field experience and other class activities may take place on site in a school setting.
Prerequisite(s): Junior standing and admission to teacher education.

EDRE 4820D - Reading and Writing in Grades 4-8

3 hours Examines reading and writing processes, the development of reading and writing abilities and skills, theories and models of reading, the nature of the balanced reading program, instructional strategies, planning and materials for the 4-8 literacy learning environment. Prerequisite(s): admission to the teacher education program.

EDRE 4840D - Linguistically Diverse Learners

3 hours Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): Admission to the teacher education program, EDRE 4450D/EDRE 4820D (may be taken concurrently), LING 3060D (may be taken concurrently).

Pedagogy - Professional Development (Clinical - Methods Course Sequence)

Clinical I Courses:

EDRE 4860D - Reading and the Language Arts in Grades EC-8

3 hours Problems related to the comprehension and expansion of symbols of meaning; the interrelationship of reading with other areas of language arts. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major, and DFEC courses.

EDBE 4480D - Bilingual Approaches to Content-Based Learning

3 hours Study of appropriate first language usage in bilingual classrooms, focusing on different core curriculum areas, methods and materials and review of language distribution strategies. Focus on responsive instruction that makes use of effective communication techniques and instructional strategies that actively involve students in the learning process. Three lecture hours a week and one-half field experiences hours per week in a bilingual education classroom. Required for students in grades EC-4 or 4-8 generalist certification with specialization in bilingual education. Language of instruction is Spanish. Placement through departmental Spanish proficiency exam. Prerequisite(s): EDBE 3470D and EDBE 3480D. Admissions to Teacher Education or consent of department. Successful completion of departmental proficiency test in Spanish.

Clinical II Courses:

EDUC 4200D - Student Teaching

6 6 hours. Teaching under supervision in EC-6, Special Education, Bilingual Education, English as Second Language, Grades 4-8, and/or Grades 7-12. Required for those seeking Texas certification for any level & any content area. See Student Teaching Program for details. Pass/no pass only. Prerequisite(s) : Completion of all program courses.

EDSP 4350D - Strategies to Support Diverse Learners in General Education

3 hours Examination of the roles of various professionals in the successful inclusion of students with disabilities in the general education classroom. Focus on consultation models, practices and principles with an emphasis on collaboration, cooperative learning, and inclusion. Provides an overview of assessment techniques applicable for all learners in the general education classroom. Prerequisite(s): EDSP 3210D, or equivalent, EDSP 3240D.

Interdisciplinary Studies with Elementary Education Certification (Generalist EC-6 and Bilingual Teacher Certification), BS

The Bachelor of Science degree with a major in Interdisciplinary Studies include the following teacher certification options: Early Childhood (EC) - 6 Generalist and Bilingual Certification; EC-6 Generalist and English as a Second Language Certification (ESL); EC-6 Generalist and Special Education (EC-12); 4-8 English, Language Arts and Reading and English as a Second Language (ESL); 4-8 Mathematics and English as a Second Language Certification (ESL); and 4-8 Science and English as a Second Language Certification (ESL) and 4-8 Social Studies and English as a Second Language (ESL). The following requirements are applicable to all students pursuing a teaching certificate:

1. **Hours Required and General/College Requirements:** A minimum of 123 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Science degree.
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 - Have a degree plan completed or in process
 - Complete Math 1350, and two of the required Science courses with a grade of "C" or better, and have no more than five classes remaining that do not require admission to the Teacher Education Program
 - Provide two professional reference forms, including one from college faculty (must be from two separate individuals and excluding family members)
 - Successfully pass the Bilingual Language Assessment (where applicable)
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 - b. The methods course sequence and student teaching are completed in the two final semesters of the degree. The Teacher Education Program offers methods courses (Clinical I) during a day and evening track. Students are encouraged to consider their needs and goals when choosing a path for completing their coursework. Regardless of whether a student chooses to attend the methods courses during the day or during the evening, they will be required to complete classroom observations required for each course. Students must apply for the methods courses the semester prior to enrolling in the courses and attend a mandatory orientation session. All students applying for the methods courses must have a 2.75 or better GPA in the Core, Academic Major, and Pedagogy.

3. All courses and their transfer equivalents or substitutions must be completed with a **grade of C or better** in order to advance to the professional methods courses and student teaching.
4. See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
5. **Eligibility for Teacher Certification and Endorsements:** In order to receive recommendation for teacher certification through UNT Dallas, students must:
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary or all level
 - Successfully complete student teaching
 - Pass appropriate content and Pedagogy and Professional Responsibilities (PPR) sections of the Texas Examinations of Education Standards (TEXES). For Bilingual certification, candidates must also pass the TEXES Bilingual Target Language Proficiency Test (BTLPT). See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 - Apply for the appropriate teaching certificate with the Texas Education Agency (TEA).
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Suggested Academic Plan

This is a suggested academic plan for full-time students. Part-time students may make adjustments and should consult with their advisor for course prerequisites. Courses transferred from another institution may satisfy curriculum requirements. Students should consult with their advisor to ensure courses are taken in the appropriate sequence and to determine substitution of transfer courses if necessary.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

General (Core) Requirements

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory.

Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

- *Mathematics (MATH 1350D)
- *Life & Physical Science (See Certification Requirements)
- *Life & Physical Science (See Certification Requirements)
- Creative Arts (ART 1300D)
- *Language, Philosophy & Culture (ENGL 2220D)

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

- *Social and Behavioral Sciences (DFST 1013D)
- *Component Area Option
- Component Area Option

Academic Major: PRE-Teacher Education Requirements

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1350D - Mathematics for Elementary Education Majors I

3 hours Concepts of sets, functions, numeration systems, different number bases, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1100D with grade of C or better.

MATH 1351D - Mathematics for Elementary Education Majors II

3 hours Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1350D

BIOL 1082D - Biology for Educators

3 hours (3;3) Develop a meaningful and functional command of key biological concepts; an understanding of the interrelationships among all living things; and a correlation between what pre-service teachers are required to learn and what they will be required to teach. Includes laboratory. BIOL 1082D is a general biology course with laboratory designated for elementary and middle school education majors for seeking teacher certification. Note: this course may not be used to satisfy the laboratory science requirement for majors in the College of Arts and Sciences.

PHYS 1210D - Conceptual Physics

3 hours **TCCNS Number:** -1415

(3;3). Principles and applications of mechanics, heat, sound, light, electricity and atomic physics for the elementary education major. May not use both PHYS 1210 and PHYS 1311 to satisfy a laboratory science requirement. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum (by elementary education students). Prerequisite(s): MATH 1100D or higher and interdisciplinary studies (elementary education) major status.

GEOG 1710D - Earth Science

3 hours **TCCNS Number:** -1401

(3;2) Principles and processes of physical geography. Introduction to mapping, weather and climate, soil and vegetation, and landforms of rivers, coasts and deserts. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

DFST 1013D - Human Development

3 **TCCNS Number:** (TECA 1354)

Introduction to the theories and processes of physical, cognitive and social development of the individual from conception until death. Suitable for non-majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

EDEE 2210D - Social Studies and Science Curriculum Grades EC-6

3 3 hours. Intended to deepen content knowledge for EC-6 Generalist teachers. Prerequisite(s) : Take a Departmental administered EC-6 Generalist practice test.

AEAH 1750D - Visual Art Integration

1 **TCCNS Number:** 13.1302.00.03

1750D. Visual Arts Integration. 1 hour (0;2). An exploration of planning for meaningful visual art integration within early childhood and elementary education, experimentation with a variety of media and processes, along with an appreciation of a variety of art forms.

MUED 1130D - Foundations in Music

3 hours **TCCNS Number:** (MUSI 1300 or 1304)

Development of musical concepts and skills in listening and performance through use of elementary school music program materials and activities.

THEA 1130D - Creative Drama

1 **TCCNS Number:** 50.0501.00.03

1130D. Introduction to Creative Drama in the Elementary School. 1 hour (1;3). Introduction to current philosophies, principles, and techniques of creative drama in the elementary school. Emphasis on development of the individual child through use of dramatic play, improvisation, and theatre games. Includes lecture, discussion, group facilitation, peer teaching, and practical performance work.

KINE 3550D - Movement Framework Approach

3 hours (2;1) Development of the concept of themes and the movement framework approach in exploring movement potential.

HLTH 1100D - School and Community Health Problems and Services

3 hours Health services offered by the school and community, the role of the health educator to benefit the health of every individual in society; health problems and solutions to improve community health. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

EDSP 3210D - Educational Aspects of Exceptional Learners

3 hours Overview of the unique physical, cognitive and behavioral needs of exceptional learners. The teacher's role in identification and referral procedures and implementation of effective educational practices as required by federal and state law are examined.

LING 3060D - Principles of Language Study

3 hours An introductory linguistics course that focuses on the structure of English (phonology, morphology and syntax). The course includes language acquisition and development, the history of English, dialects of American English and problems of usage.

LING 4030D - Acquisition of English as a Second Language

3 hours Study of language acquisition, development, production and comprehension focusing on the application of current research findings to the context of learning and teaching English as a second language. Prerequisite(s): ENGL 3060 or consent of department.

SPAN 3080D - Advanced Spanish Composition and Grammar for Bilinguals

3 hours 3080. Advanced Spanish Composition and Grammar for Bilinguals. 3 hours. Principles of academic writing, spelling, and grammar in Spanish, directed specifically towards bilinguals (Spanish heritage and native speakers). Course will be taught in Spanish. Prerequisite(s) : Demonstrate native or near-native language ability as defined by results of departmental proficiency exam and / or consent of department.

EDEC 3613D - Introduction to Early Childhood Education

3 hours Historical foundations of early childhood education, current programs, best practices and legal and ethical issues. Introduction of how understanding development of typical and atypical young children influences objectives, activities, materials, and teaching strategies and techniques in an early childhood classroom. Prerequisite(s): DFEC 3123 (may be taken concurrently).

EDEC 4243D - Environmental Processes and Assessment

3 hours (3;3;0) Considers early childhood learning processes as well as implications for individual, group, and program assessment. Areas of emphasis include development of skills in selection, use and interpretation of developmentally appropriate practices. Focus areas include formal, informal and holistic assessment instruments as well as learning environment materials and resources. Implications for technology in assessment and management are discussed. Laboratory experiences required. Prerequisite(s): DFEC 4233. EC-4 students must also complete EDEC 3613D as a prerequisite.

EDRE 4450D - Reading and Writing (Birth through Grade 6)

3 hours (3;0;0) Examines theoretical and practical aspects of emergent literacy. The course focuses on developmentally appropriate practices that foster motivated, strategic readers and writers. Emphasizes development of early language and pre-literacy skills, common school literacy practices, parental/social influences and affective elements related to early reading. Includes 1 additional hour of field experience. Prerequisite(s): admission to the teacher education program and DFEC 3123.

EDEC 4633D - Nurturing Children's Social Competence

3 hours Facilitating the social and emotional skills of young children. Incorporates an ecological approach to significant influences on self-esteem and self-concept including diversity, family, creativity and individual differences. Includes analysis of play theory and research. Field experience required. Prerequisite(s): EDEC 3613D.

Academic Major: Teacher Education Requirements

The following courses require Admission to the Teacher Education Program.

EDRE 4840D - Linguistically Diverse Learners

3 hours Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): Admission to the teacher education program, EDRE 4450D/EDRE 4820D (may be taken concurrently), LING 3060D (may be taken concurrently).

EDRE 4850D - Assessment and Evaluation of Reading

3 hours Examines a variety of assessment and evaluation strategies that are appropriate for the classroom teacher to utilize. Although both formal and informal procedures are introduced, the main focus is on non-intrusive, naturalistic procedures. Observations are required. Prerequisite(s): EDRE 4450D or EDRE 4820D.

EDEE 3320D - Foundations of Education: The School Curriculum

3 hours Principles and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment. Prerequisite(s): admission to the teacher education program (includes participation in a field-based program), a child/adolescent/lifespan development course, and an educational-application computer course.

EDSP 4340D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 hours Approaches to behavioral management of exceptional learners across a variety of educational settings. Implementation of individualized techniques including applied behavioral analysis, as well as larger-group strategies, to foster positive behavioral, social, and emotional growth. Special attention to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

EDBE 4490D - Teaching ESL EC-12: Instructional Strategies and Resources

3 hours Study of methods and techniques of teaching English as a second language in elementary and secondary schools; language development techniques and materials for students at different levels of English proficiency. The course focuses on helping students to develop strategies (consistent with state standards for language and content learning) that can improve the English language proficiency and grade level subject matter knowledge of English language learners. Three lecture hours a week and one and one-half field-base hours a week. Course required for students seeking grades EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470D and LING 4030D; Admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4470D.

Pedagogy - Professional Development (Clinical - Methods Course Sequence)

Clinical I Courses:

EDRE 4860D - Reading and the Language Arts in Grades EC-8

3 hours Problems related to the comprehension and expansion of symbols of meaning; the interrelationship of reading with other areas of language arts. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major, and DFEC courses.

EDEE 4330D - Science in Grades EC-6

3 hours (3;0;16) Subject matter background and material organization for an integrated science program in primary and elementary school. Students experience first-hand the scope and sequence of science education in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a EC-6 school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major. Required core and academic major science courses and DFEC classes.

EDEE 4350D - Mathematics in Grades EC-8

3 hours (3;0;16) Principles in mathematics teaching and learning based on national curriculum and assessment standards. The learning process in the development of mathematical thinking and skills in children. Students observe mathematics instruction and materials in real settings and experience firsthand the scope and sequence of mathematics in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D; all courses in the reading/English/language arts part of the academic major. Required core and academic major math courses and DFEC classes.

EDBE 4480D - Bilingual Approaches to Content-Based Learning

3 hours Study of appropriate first language usage in bilingual classrooms, focusing on different core curriculum areas, methods and materials and review of language distribution strategies. Focus on responsive instruction that makes use of effective communication techniques and instructional strategies that actively involve students in the learning process. Three lecture hours a week and one-half field experiences hours per week in a bilingual education classroom. Required for students in grades EC-4 or 4-8 generalist certification with specialization in bilingual education. Language of instruction is Spanish. Placement through departmental Spanish proficiency exam. Prerequisite(s): EDBE 3470D and EDBE 3480D. Admissions to Teacher Education or consent of department. Successful completion of departmental proficiency test in Spanish.

Clinical II Courses:

EDUC 4200D - Student Teaching

6 6 hours. Teaching under supervision in EC-6, Special Education, Bilingual Education, English as Second Language, Grades 4-8, and/or Grades 7-12. Required for those seeking Texas certification for any level & any content area. See Student Teaching Program for details. Pass/no pass only. Prerequisite(s) : Completion of all program courses.

Interdisciplinary Studies with Elementary Education Certification (Generalist EC-6 and EC-12 Special Education Teacher Certification), BS

The Bachelor of Science degree with a major in Interdisciplinary Studies include the following teacher certification options: Early Childhood (EC) - 6 Generalist and Bilingual Certification; EC-6 Generalist and English as a Second Language Certification (ESL); EC-6 Generalist and Special Education (EC-12); 4-8 English, Language Arts and Reading and English as a Second Language (ESL); 4-8 Mathematics and English as a Second Language Certification (ESL); and 4-8 Science and English as a Second Language Certification (ESL) and 4-8 Social Studies and English as a Second Language (ESL). The following requirements are applicable to all students pursuing a teaching certificate:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Science degree.
2. **Other Requirements:**
 - a. **Admission to the Teacher Education Program:** Prior to enrolling in designated Teacher Education courses, students must meet these requirements for admission to the Program:
 - Have junior level status
 - Pass the Accuplacer or THEA OR qualify for ACT/SAT/TAKS exemption
 - Accuplacer: 80(Reading), 63(Math), 80/5 or 6 or higher on essay(Writing)
 - THEA: 240(Reading), 230(Math), 220(Writing)
 - Have a 2.75 overall GPA **AND** a 2.75 GPA in the completed core

- A grade of "C" or better in the required English, Math, History, Political Science, and Science courses
 - Have a degree plan completed or in process
 - Complete Math 1350, and two of the required Science courses with a grade of "C" or better, and have no more than five classes remaining that do not require admission to the Teacher Education Program
 - Provide two professional reference forms, including one from college faculty (must be from two separate individuals and excluding family members)
 - Successfully pass the Bilingual Language Assessment (where applicable)
 - Completed Entrance Interview
- b. The methods course sequence and student teaching are completed in the two final semesters of the degree. The Teacher Education Program offers methods courses (Clinical I) during a day and evening track. Students are encouraged to consider their needs and goals when choosing a path for completing their coursework. Regardless of whether a student chooses to attend the methods courses during the day or during the evening, they will be required to complete classroom observations required for each course. Students must apply for the methods courses the semester prior to enrolling in the courses and attend a mandatory orientation session. All students applying for the methods courses must have a 2.75 or better GPA in the Core, Academic Major, and Pedagogy.
3. All courses and their transfer equivalents or substitutions must be completed with a **grade of C or better** in order to advance to the professional methods courses and student teaching.
 4. See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 5. **Eligibility for Teacher Certification and Endorsements:** In order to receive recommendation for teacher certification through UNT Dallas, students must:
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary or all level
 - Successfully complete student teaching
 - Pass appropriate content and Pedagogy and Professional Responsibilities (PPR) sections of the Texas Examinations of Education Standards (TExES). For Bilingual certification, candidates must also pass the TExES Bilingual Target Language Proficiency Test (BTLPT). See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 - Apply for the appropriate teaching certificate with the Texas Education Agency (TEA).
 - See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the test approval and application processes.
 - Criminal background check.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Part-time students may make adjustments and should consult with their advisor for course prerequisites. Courses transferred from another institution may satisfy curriculum requirements. Students should consult with their advisor to ensure courses are taken in the appropriate sequence and to determine substitution of transfer courses if necessary.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

General (Core) Requirements

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory.

Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

- *Mathematics (MATH 1350D)
- *Life & Physical Science (See Certification Requirements)
- *Life & Physical Science (See Certification Requirements)
- Creative Arts (ART 1300D)
- *Language, Philosophy & Culture (ENGL 2220D)

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

- *Social and Behavioral Sciences (DFST 1013D)
- *Component Area Option
- Component Area Option

Academic Major: PRE-Teacher Education Requirements

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1350D - Mathematics for Elementary Education Majors I

3 hours Concepts of sets, functions, numeration systems, different number bases, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1100D with grade of C or better.

MATH 1351D - Mathematics for Elementary Education Majors II

3 hours Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1350D

BIOL 1082D - Biology for Educators

3 hours (3;3) Develop a meaningful and functional command of key biological concepts; an understanding of the interrelationships among all living things; and a correlation between what pre-service teachers are required to learn and what they will be required to teach. Includes laboratory. BIOL 1082D is a general biology course with laboratory designated for elementary and middle school education majors for seeking teacher certification. Note: this course may not be used to satisfy the laboratory science requirement for majors in the College of Arts and Sciences.

PHYS 1210D - Conceptual Physics

3 hours **TCCNS Number:** -1415

(3;3). Principles and applications of mechanics, heat, sound, light, electricity and atomic physics for the elementary education major. May not use both PHYS 1210 and PHYS 1311 to satisfy a laboratory science requirement. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum (by elementary education students). Prerequisite(s): MATH 1100D or higher and interdisciplinary studies (elementary education) major status.

GEOG 1710D - Earth Science

3 hours **TCCNS Number:** -1401

(3;2) Principles and processes of physical geography. Introduction to mapping, weather and climate, soil and vegetation, and landforms of rivers, coasts and deserts. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

DFST 1013D - Human Development

3 **TCCNS Number:** (TECA 1354)

Introduction to the theories and processes of physical, cognitive and social development of the individual from conception until death. Suitable for non-majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

EDEE 2210D - Social Studies and Science Curriculum Grades EC-6

3 3 hours. Intended to deepen content knowledge for EC-6 Generalist teachers. Prerequisite(s) : Take a Departmental administered EC-6 Generalist practice test.

AEAH 1750D - Visual Art Integration

1 **TCCNS Number:** 13.1302.00.03

1750D. Visual Arts Integration. 1 hour (0;2). An exploration of planning for meaningful visual art integration within early childhood and elementary education, experimentation with a variety of media and processes, along with an appreciation of a variety of art forms.

MUED 1130D - Foundations in Music

3 hours **TCCNS Number:** (MUSI 1300 or 1304)

Development of musical concepts and skills in listening and performance through use of elementary school music program materials and activities.

THEA 1130D - Creative Drama

1 **TCCNS Number:** 50.0501.00.03

1130D. Introduction to Creative Drama in the Elementary School. 1 hour (1;3). Introduction to current philosophies, principles, and techniques of creative drama in the elementary school. Emphasis on development of the individual child through use of dramatic play, improvisation, and theatre games. Includes lecture, discussion, group facilitation, peer teaching, and practical performance work.

KINE 3550D - Movement Framework Approach

3 hours (2;1) Development of the concept of themes and the movement framework approach in exploring movement potential.

HLTH 1100D - School and Community Health Problems and Services

3 hours Health services offered by the school and community, the role of the health educator to benefit the health of every individual in society; health problems and solutions to improve community health. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

EDSP 3210D - Educational Aspects of Exceptional Learners

3 hours Overview of the unique physical, cognitive and behavioral needs of exceptional learners. The teacher's role in identification and referral procedures and implementation of effective educational practices as required by federal and state law are examined.

EDSP 3240D - Family Communication and Collaboration for Exceptional Learners

3 hours Analysis of collaboration and communication models and strategies used in working with families, caregivers, and professionals concerned about students with exceptionalities. Focus on the changing definition of family, community resources, advocacy groups, political forces, legal mandates, and other factors that may impact students and their families are addressed. Fifteen hours a semester in field-work arranged.

LING 3060D - Principles of Language Study

3 hours An introductory linguistics course that focuses on the structure of English (phonology, morphology and syntax). The course includes language acquisition and development, the history of English, dialects of American English and problems of usage.

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411
(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

EDEC 3613D - Introduction to Early Childhood Education

3 hours Historical foundations of early childhood education, current programs, best practices and legal and ethical issues. Introduction of how understanding development of typical and atypical young children influences objectives, activities, materials, and teaching strategies and techniques in an early childhood classroom. Prerequisite(s): DFEC 3123 (may be taken concurrently).

EDEC 4243D - Environmental Processes and Assessment

3 hours (3;3;0) Considers early childhood learning processes as well as implications for individual, group, and program assessment. Areas of emphasis include development of skills in selection, use and interpretation of developmentally appropriate practices. Focus areas include formal, informal and holistic assessment instruments as well as learning environment materials and resources. Implications for technology in assessment and management are discussed. Laboratory experiences required. Prerequisite(s): DFEC 4233. EC-4 students must also complete EDEC 3613D as a prerequisite.

EDRE 4450D - Reading and Writing (Birth through Grade 6)

3 hours (3;0;0) Examines theoretical and practical aspects of emergent literacy. The course focuses on developmentally appropriate practices that foster motivated, strategic readers and writers. Emphasizes development of early language and pre-literacy skills, common school literacy practices, parental/social influences and affective elements related to early reading. Includes 1 additional hour of field experience. Prerequisite(s): admission to the teacher education program and DFEC 3123.

Academic Major: Teacher Education Requirements

The following courses require admission to the Teacher Education Program.

EDRE 4840D - Linguistically Diverse Learners

3 hours Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): Admission to the teacher education program, EDRE 4450D/EDRE 4820D (may be taken concurrently), LING 3060D (may be taken concurrently).

EDUC 3320D - Foundations of Education

3 hours 3 hours. Standards and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment.

EDBE 4490D - Teaching ESL EC-12: Instructional Strategies and Resources

3 hours Study of methods and techniques of teaching English as a second language in elementary and secondary schools; language development techniques and materials for students at different levels of English proficiency. The course focuses on helping students to develop strategies (consistent with state standards for language and content learning) that can improve the English language proficiency and grade level subject matter knowledge of English language learners. Three lecture hours a week and one and one-half field-base hours a week. Course required for students seeking grades EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470D and LING 4030D; Admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4470D.

Pedagogy - Professional Development (Clinical - Methods Course Sequence)

Clinical IA Courses:

EDRE 4860D - Reading and the Language Arts in Grades EC-8

3 hours Problems related to the comprehension and expansion of symbols of meaning; the interrelationship of reading with other areas of language arts. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major, and DFEC courses.

EDEE 4350D - Mathematics in Grades EC-8

3 hours (3;0;16) Principles in mathematics teaching and learning based on national curriculum and assessment standards. The learning process in the development of mathematical thinking and skills in children. Students observe mathematics instruction and materials in real settings and experience firsthand the scope and sequence of mathematics in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D; all courses in the reading/English/language arts part of the academic major. Required core and academic major math courses and DFEC classes.

EDSP 3420D - Behavioral Disorders: Characteristics, Identification and Intervention

3 hours 3 hours. An examination is made of the typical characteristics associated with severe behavior problems and procedures for identification. Emphasis is on the development of appropriate intervention programs. Prerequisite(s): EDSP 3210D and 3300 or consent of department.

EDSP 4360D - Transition Education and Services for Exceptional Learners

3 hours Transition education and services for individuals with disabilities across the life span with emphasis on the post-secondary years. Examines the theory and practice of transition planning from school to community living, post-secondary education, and employment. Legislative history and practical applications of skills such as transition assessment, job development and job placement are emphasized. Prerequisite(s): EDSP 3210D, EDSP 3240D, EDSP 4320D.

Clinical IB Courses:

EDEE 4330D - Science in Grades EC-6

3 hours (3;0;16) Subject matter background and material organization for an integrated science program in primary and elementary school. Students experience first-hand the scope and sequence of science education in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a EC-6 school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D , all courses in the reading/English/language arts part of the academic major. Required core and academic major science courses and DFEC classes.

EDSP 4320D - Educational Assessment and Evaluation of Exceptional Learners

3 hours Examines a variety of assessment and evaluation strategies that are appropriate for special and general education settings. Knowledge of basic testing procedures and terminology as related to the exceptional learner. Interpretation and utilization of test data in developing individual education plans. Introduction to curriculum-based assessment. Field experiences include administration of academic and teacher-made assessments. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3420.

EDSP 4340D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 hours Approaches to behavioral management of exceptional learners across a variety of educational settings. Implementation of individualized techniques including applied behavioral analysis, as well as larger-group strategies, to foster positive behavioral, social, and emotional growth. Special attention to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

EDSP 4330D - Advanced Educational Strategies for Exceptional Learners

3 hours Advanced educational strategies and interventions that promote academic performance of exceptional learners across a variety of settings and situations. Includes an emphasis on instructional use of computers and technology in the classroom. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

Clinical II Courses:

EDUC 4200D - Student Teaching

6 6 hours. Teaching under supervision in EC-6, Special Education, Bilingual Education, English as Second Language, Grades 4-8, and/or Grades 7-12. Required for those seeking Texas certification for any level & any content area. See Student Teaching Program for details. Pass/no pass only. Prerequisite(s) : Completion of all program courses.

Interdisciplinary Studies with Elementary Education Certification (Generalist EC-6 and ESL Teacher Certification), BS

The Bachelor of Science degree with a major in Interdisciplinary Studies include the following teacher certification options: Early Childhood (EC) - 6 Generalist and Bilingual Certification; EC-6 Generalist and English as a Second Language Certification (ESL); EC-6 Generalist and Special Education (EC-12); 4-8 English, Language Arts and Reading and English as a Second Language (ESL); 4-8 Mathematics and English as a Second Language Certification (ESL); and 4-8 Science and English as a Second Language Certification (ESL) and 4-8 Social Studies and English as a Second Language (ESL). The following requirements are applicable to all students pursuing a teaching certificate:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Science degree.
2. **Other Requirements:**
 - a. **Admission to the Teacher Education Program:** Prior to enrolling in designated Teacher Education courses, students must meet these requirements for admission to the Program:
 - Have junior level status
 - Pass the Accuplacer or THEA OR qualify for ACT/SAT/TAKS exemption
 - Accuplacer: 80(Reading), 63(Math), 80/5 or 6 or higher on essay(Writing)
 - THEA: 240(Reading), 230(Math), 220(Writing)
 - Have a 2.75 overall GPA **AND** a 2.75 GPA in the completed core
 - A grade of "C" or better in the required English, Math, History, Political Science, and Science courses
 - Have a degree plan completed or in process
 - Complete Math 1350, and two of the required Science courses with a grade of "C" or better, and have no more than five classes remaining that do not require admission to the Teacher Education Program
 - Provide two professional reference forms, including one from college faculty (must be from two separate individuals and excluding family members)
 - Successfully pass the Bilingual Language Assessment (where applicable)
 - Completed Entrance Interview
 - b. The methods course sequence and student teaching are completed in the two final semesters of the degree. The Teacher Education Program offers methods courses (Clinical I) during a day and evening track. Students are encouraged to consider their needs and goals when choosing a path for completing their coursework. Regardless of whether a student chooses to attend the methods courses during the day or during the evening, they will be required to complete classroom observations required for each course. Students must apply for the methods courses the semester prior to enrolling in the courses and attend a mandatory orientation session. All students applying for the methods courses must have a 2.75 or better GPA in the Core, Academic Major, and Pedagogy.

3. All courses and their transfer equivalents or substitutions must be completed with a **grade of C or better** in order to advance to the professional methods courses and student teaching.
4. See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
5. **Eligibility for Teacher Certification and Endorsements:** In order to receive recommendation for teacher certification through UNT Dallas, students must:
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary or all level
 - Successfully complete student teaching
 - Pass appropriate content and Pedagogy and Professional Responsibilities (PPR) sections of the Texas Examinations of Education Standards (TEXES). For Bilingual certification, candidates must also pass the TEXES Bilingual Target Language Proficiency Test (BTLPT). See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 - Apply for the appropriate teaching certificate with the Texas Education Agency (TEA).
 - See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the test approval and application processes.
 - Criminal background check.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Part-time students may make adjustments and should consult with their advisor for course prerequisites. Courses transferred from another institution may satisfy curriculum requirements. Students should consult with their advisor to ensure courses are taken in the appropriate sequence and to determine substitution of transfer courses if necessary.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

General (Core) Requirements

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory.

Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

- *Mathematics (MATH 1350D)
- *Life & Physical Science (See Certification Requirements)
- *Life & Physical Science (See Certification Requirements)
- Creative Arts (ART 1300D)
- *Language, Philosophy & Culture (ENGL 2220D)

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

- *Social and Behavioral Sciences (DFST 1013D)
- *Component Area Option
- Component Area Option

Academic Major: PRE-Teacher Education Requirements

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1350D - Mathematics for Elementary Education Majors I

3 hours Concepts of sets, functions, numeration systems, different number bases, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1100D with grade of C or better.

MATH 1351D - Mathematics for Elementary Education Majors II

3 hours Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1350D

BIOL 1082D - Biology for Educators

3 hours (3;3) Develop a meaningful and functional command of key biological concepts; an understanding of the interrelationships among all living things; and a correlation between what pre-service teachers are required to learn and what they will be required to teach. Includes laboratory. BIOL 1082D is a general biology course with laboratory designated for elementary and middle school education majors for seeking teacher certification. Note: this course may not be used to satisfy the laboratory science requirement for majors in the College of Arts and Sciences.

PHYS 1210D - Conceptual Physics

3 hours **TCCNS Number:** -1415

(3;3). Principles and applications of mechanics, heat, sound, light, electricity and atomic physics for the elementary education major. May not use both PHYS 1210 and PHYS 1311 to satisfy a laboratory science requirement. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum (by elementary education students). Prerequisite(s): MATH 1100D or higher and interdisciplinary studies (elementary education) major status.

GEOG 1710D - Earth Science

3 hours **TCCNS Number:** -1401

(3;2) Principles and processes of physical geography. Introduction to mapping, weather and climate, soil and vegetation, and landforms of rivers, coasts and deserts. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

DFST 1013D - Human Development

3 **TCCNS Number:** (TECA 1354)

Introduction to the theories and processes of physical, cognitive and social development of the individual from conception until death. Suitable for non-majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

EDEE 2210D - Social Studies and Science Curriculum Grades EC-6

3 3 hours. Intended to deepen content knowledge for EC-6 Generalist teachers. Prerequisite(s) : Take a Departmental administered EC-6 Generalist practice test.

AEAH 1750D - Visual Art Integration

1 **TCCNS Number:** 13.1302.00.03

1750D. Visual Arts Integration. 1 hour (0;2). An exploration of planning for meaningful visual art integration within early childhood and elementary education, experimentation with a variety of media and processes, along with an appreciation of a variety of art forms.

MUED 1130D - Foundations in Music

3 hours **TCCNS Number:** (MUSI 1300 or 1304)

Development of musical concepts and skills in listening and performance through use of elementary school music program materials and activities.

THEA 1130D - Creative Drama

1 **TCCNS Number:** 50.0501.00.03

1130D. Introduction to Creative Drama in the Elementary School. 1 hour (1;3). Introduction to current philosophies, principles, and techniques of creative drama in the elementary school. Emphasis on development of the individual child through use of dramatic play, improvisation, and theatre games. Includes lecture, discussion, group facilitation, peer teaching, and practical performance work.

KINE 3550D - Movement Framework Approach

3 hours (2;1) Development of the concept of themes and the movement framework approach in exploring movement potential.

HLTH 1100D - School and Community Health Problems and Services

3 hours Health services offered by the school and community, the role of the health educator to benefit the health of every individual in society; health problems and solutions to improve community health. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

EDSP 3210D - Educational Aspects of Exceptional Learners

3 hours Overview of the unique physical, cognitive and behavioral needs of exceptional learners. The teacher's role in identification and referral procedures and implementation of effective educational practices as required by federal and state law are examined.

LING 3060D - Principles of Language Study

3 hours An introductory linguistics course that focuses on the structure of English (phonology, morphology and syntax). The course includes language acquisition and development, the history of English, dialects of American English and problems of usage.

LING 4030D - Acquisition of English as a Second Language

3 hours Study of language acquisition, development, production and comprehension focusing on the application of current research findings to the context of learning and teaching English as a second language. Prerequisite(s): ENGL 3060 or consent of department.

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411

(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

EDEC 3613D - Introduction to Early Childhood Education

3 hours Historical foundations of early childhood education, current programs, best practices and legal and ethical issues. Introduction of how understanding development of typical and atypical young children influences objectives, activities, materials, and teaching strategies and techniques in an early childhood classroom. Prerequisite(s): DFEC 3123 (may be taken concurrently).

EDEC 4243D - Environmental Processes and Assessment

3 hours (3;3;0) Considers early childhood learning processes as well as implications for individual, group, and program assessment. Areas of emphasis include development of skills in selection, use and interpretation of developmentally appropriate practices. Focus areas include formal, informal and holistic assessment instruments as well as learning environment materials and resources. Implications for technology in assessment and management are discussed. Laboratory experiences required. Prerequisite(s): DFEC 4233. EC-4 students must also complete EDEC 3613D as a prerequisite.

EDRE 4450D - Reading and Writing (Birth through Grade 6)

3 hours (3;0;0) Examines theoretical and practical aspects of emergent literacy. The course focuses on developmentally appropriate practices that foster motivated, strategic readers and writers. Emphasizes development of early language and pre-literacy skills, common school literacy practices, parental/social influences and affective elements related to early reading. Includes 1 additional hour of field experience. Prerequisite(s): admission to the teacher education program and DFEC 3123.

EDEC 4633D - Nurturing Children's Social Competence

3 hours Facilitating the social and emotional skills of young children. Incorporates an ecological approach to significant influences on self-esteem and self-concept including diversity, family, creativity and individual differences. Includes analysis of play theory and research. Field experience required. Prerequisite(s): EDEC 3613D.

Academic Major: Teacher Education Requirements

The following courses require Admission to the Teacher Education Program.

EDRE 4840D - Linguistically Diverse Learners

3 hours Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): Admission to the teacher education program, EDRE 4450D/EDRE 4820D (may be taken concurrently), LING 3060D (may be taken concurrently).

EDRE 4850D - Assessment and Evaluation of Reading

3 hours Examines a variety of assessment and evaluation strategies that are appropriate for the classroom teacher to utilize. Although both formal and informal procedures are introduced, the main focus is on non-intrusive, naturalistic procedures. Observations are required. Prerequisite(s): EDRE 4450D or EDRE 4820D.

EDUC 3320D - Foundations of Education

3 hours 3 hours. Standards and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment.

EDSP 4340D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 hours Approaches to behavioral management of exceptional learners across a variety of educational settings. Implementation of individualized techniques including applied behavioral analysis, as well as larger-group strategies, to foster positive behavioral, social, and emotional growth. Special attention to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

Pedagogy - Professional Development (Clinical - Methods Course Sequence)

Clinical I Courses:

EDBE 4490D - Teaching ESL EC-12: Instructional Strategies and Resources

3 hours Study of methods and techniques of teaching English as a second language in elementary and secondary schools; language development techniques and materials for students at different levels of English proficiency. The course focuses on helping students to develop strategies (consistent with state standards for language and content learning) that can improve the English language proficiency and grade level subject matter knowledge of English language learners. Three lecture hours a week and one and one-half field-base hours a week. Course required for students seeking grades EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470D and LING 4030D; Admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4470D.

EDRE 4860D - Reading and the Language Arts in Grades EC-8

3 hours Problems related to the comprehension and expansion of symbols of meaning; the interrelationship of reading with other areas of language arts. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major, and DFEC courses.

EDEE 4330D - Science in Grades EC-6

3 hours (3;0;16) Subject matter background and material organization for an integrated science program in primary and elementary school. Students experience first-hand the scope and sequence of science education in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a EC-6 school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major. Required core and academic major science courses and DFEC classes.

EDEE 4350D - Mathematics in Grades EC-8

3 hours (3;0;16) Principles in mathematics teaching and learning based on national curriculum and assessment standards. The learning process in the development of mathematical thinking and skills in children. Students observe mathematics instruction and materials in real settings and experience firsthand the scope and sequence of mathematics in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D; all courses in the reading/English/language arts part of the academic major. Required core and academic major math courses and DFEC classes.

Clinical II Courses:

EDUC 4200D - Student Teaching

6 6 hours. Teaching under supervision in EC-6, Special Education, Bilingual Education, English as Second Language, Grades 4-8, and/or Grades 7-12. Required for those seeking Texas certification for any level & any content area. See Student Teaching Program for details. Pass/no pass only. Prerequisite(s) : Completion of all program courses.

Interdisciplinary Studies with Elementary Education Certification (Mathematics 4-8 and ESL Teacher Certification), BS

The Bachelor of Science degree with a major in Interdisciplinary Studies include the following teacher certification options: Early Childhood (EC) - 6 Generalist and Bilingual Certification; EC-6 Generalist and English as a Second Language Certification (ESL); EC-6 Generalist and Special Education (EC-12); 4-8 English, Language Arts and Reading and English as a Second Language (ESL); 4-8 Mathematics and English as a Second Language Certification (ESL); and 4-8 Science and English as a Second Language Certification (ESL) and 4-8 Social Studies and English as a Second Language (ESL). The following requirements are applicable to all students pursuing a teaching certificate:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Science degree.
2. **Other Requirements:**
 - a. **Admission to the Teacher Education Program:** Prior to enrolling in designated Teacher Education courses, students must meet these requirements for admission to the Program:
 - Have junior level status
 - Pass the Accuplacer or THEA OR qualify for ACT/SAT/TAKS exemption
 - Accuplacer: 80(Reading), 63(Math), 80/5 or 6 or higher on essay(Writing)
 - THEA: 240(Reading), 230(Math), 220(Writing)
 - Have a 2.75 overall GPA **AND** a 2.75 GPA in the completed core
 - A grade of "C" or better in the required English, Math, History, Political Science, and Science courses
 - Have a degree plan completed or in process
 - Complete Math 1350, and two of the required Science courses with a grade of "C" or better, and have no more than five classes remaining that do not require admission to the Teacher Education Program
 - Provide two professional reference forms, including one from college faculty (must be from two separate individuals and excluding family members)
 - Successfully pass the Bilingual Language Assessment (where applicable)
 - Completed Entrance Interview

- b. The methods course sequence and student teaching are completed in the two final semesters of the degree. The Teacher Education Program offers methods courses (Clinical I) during a day and evening track. Students are encouraged to consider their needs and goals when choosing a path for completing their coursework. Regardless of whether a student chooses to attend the methods courses during the day or during the evening, they will be required to complete classroom observations required for each course. Students must apply for the methods courses the semester prior to enrolling in the courses and attend a mandatory orientation session. All students applying for the methods courses must have a 2.75 or better GPA in the Core, Academic Major, and Pedagogy.
3. All courses and their transfer equivalents or substitutions must be completed with a **grade of C or better** in order to advance to the professional methods courses and student teaching.
4. See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
5. **Eligibility for Teacher Certification and Endorsements:** In order to receive recommendation for teacher certification through UNT Dallas, students must:
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary or all level
 - Successfully complete student teaching
 - Pass appropriate content and Pedagogy and Professional Responsibilities (PPR) sections of the Texas Examinations of Education Standards (TExES). For Bilingual certification, candidates must also pass the TExES Bilingual Target Language Proficiency Test (BTLPT). See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 - Apply for the appropriate teaching certificate with the Texas Education Agency (TEA).
 - See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the test approval and application processes.
 - Criminal background check.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Part-time students may make adjustments and should consult with their advisor for course prerequisites. Courses transferred from another institution may satisfy curriculum requirements. Students should consult with their advisor to ensure courses are taken in the appropriate sequence and to determine substitution of transfer courses if necessary.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

General (Core) Requirements

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

- *Mathematics (MATH 1350D)
- Life & Physical Science (Suggested:BIOL 1082D)
- Life & Physical Science (Suggested: CHEM 1410D/1430D)
- Creative Arts (ART 1300D)

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)
U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)
Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

- *Social and Behavioral Sciences (DFST 1013D)
- Component Area Option
- Component Area Option

Certification Requirements

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1350D - Mathematics for Elementary Education Majors I

3 hours Concepts of sets, functions, numeration systems, different number bases, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1100D with grade of C or better.

MATH 1351D - Mathematics for Elementary Education Majors II

3 hours Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1350D

- Natural Science (BIOL 1132D or PHYS 1410D /1430D)
- Natural Science (GEOG 1710D)

EDSP 3210D - Educational Aspects of Exceptional Learners

3 hours Overview of the unique physical, cognitive and behavioral needs of exceptional learners. The teacher's role in identification and referral procedures and implementation of effective educational practices as required by federal and state law are examined.

LING 3060D - Principles of Language Study

3 hours An introductory linguistics course that focuses on the structure of English (phonology, morphology and syntax). The course includes language acquisition and development, the history of English, dialects of American English and problems of usage.

DFST 1013D - Human Development

3 TCCNS Number: (TECA 1354)

Introduction to the theories and processes of physical, cognitive and social development of the individual from conception until death. Suitable for non-majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

EDBE 3470D - Foundations of Bilingual and English as Second Language Education

3 hours Examination of philosophies and theoretical underpinnings of bilingual and ESL education, including a review of historical antecedents of bilingual education and evolution of federal and state language policies governing the education of language-minority children. Three lecture hours a week. Course required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): May be taken concurrently with EDBE 3480D. Admission to Teacher Education or permission of department.

EDBE 3480D - Bilingualism and Multiculturalism for English Language Learning : Issues and Perspectives

3 hours Study of the bilingual learner; perspectives on multiculturalism; discussions of cognitive, social and affective factors impacting second language development; insights into education in a pluralistic society. Three lecture hours a week. Observations are required. Course required for students seeking grades EC-4 or 4-8 Generalist certification with specialization in bilingual or ESL education, or 4-8 certification with mathematics/ESL, science/ESL, social studies/ESL, or Reading/LA/ESL. Prerequisite(s): May be taken concurrently with EDBE 3470D. Admission to Teacher Education or permission of department.

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411

(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

SPAN 3080D - Advanced Spanish Composition and Grammar for Bilinguals

3 hours 3080. Advanced Spanish Composition and Grammar for Bilinguals. 3 hours. Principles of academic writing, spelling, and grammar in Spanish, directed specifically towards bilinguals (Spanish heritage and native speakers). Course will be taught in Spanish. Prerequisite(s) : Demonstrate native or near-native language ability as defined by results of departmental proficiency exam and / or consent of department.

Academic Major: Mathematics Requirements

MATH 1650D - Pre-Calculus

5 hours A preparatory course for calculus. trigonometric functions, their graphs and applications; sequences and series; exponential and logarithmic functions and their graphs; graphs of polynomial and rational functions; general discussion of functions and their properties. MATH 1650 covers approximately the same material as MATH 1600 and MATH 1610 together. Students who already have credit for both MATH 1600 and MATH 1610 may not receive credit for MATH 1650. Prerequisite(s): MATH 1100D with grade of C or better. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1710D - Calculus I

4 hours **TCCNS Number:** -2413

Limits and continuity, derivatives and integrals; differentiation and integration of polynomial, rational, trigonometric, and algebraic functions; applications, including slope, velocity, extrema, area, volume and work. Prerequisite(s): MATH 1650D; or both MATH 1600 and MATH 1610. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1720D - Calculus II

3 hours **TCCNS Number:** -2414

Differentiation and integration of exponential, logarithmic and transcendental functions; integration techniques; indeterminate forms; improper integrals; area and arc length in polar coordinates; infinite series; power series; Taylor's theorem. Prerequisite(s): MATH 1710D. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 2700D - Linear Algebra and Vector Geometry

3 hours **TCCNS Number:** -2318

Vector spaces over the real number field; applications to systems of linear equations and analytic geometry in E_n , linear transformations, matrices, determinants and eigenvalues. Prerequisite(s): MATH 1720D.

or

MATH 2730D - Multivariable Calculus

3 hours **TCCNS Number:** (2315 or 2415).

Vectors and analytic geometry in 3-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates. Prerequisite(s): MATH 1720D.

MATH 2000D - Discrete Mathematics

3.0 3 hours. Introductory proof-writing, logic, sets, relations and functions, induction and recursion, combinatorics and counting techniques, discrete probability, and graphs. Prerequisite(s): MATH 1710D (may be taken concurrently).

MATH 3680D - Applied Statistics

3 hours Descriptive statistics, elements of probability, random variables, confidence intervals, hypothesis testing, regression, contingency tables. Prerequisite(s) : MATH 1710D and either credit for MATH 1720D or concurrent enrollment in MATH 1720D.

Academic Major: Teacher Education Requirements

The following courses require admission to the Teacher Education Program.

EDUC 3320D - Foundations of Education

3 hours 3 hours. Standards and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment.

EDSE 4060D - Content Area Reading in Secondary Schools

3 hours (0;0;3) Provides an overview of the reading process with emphasis on reading to learn in the secondary school content areas. Course provides knowledge and skills for identifying reading problems, modifying instructional materials and processes, and using writing to promote learning and thinking in the content areas. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): Junior standing and admission to teacher education.

EDRE 4840D - Linguistically Diverse Learners

3 hours Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): Admission to the teacher education program, EDRE 4450D/EDRE 4820D (may be taken concurrently), LING 3060D (may be taken concurrently).

EDSP 4340D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 hours Approaches to behavioral management of exceptional learners across a variety of educational settings. Implementation of individualized techniques including applied behavioral analysis, as well as larger-group strategies, to foster positive behavioral, social, and emotional growth. Special attention to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

EDBE 4490D - Teaching ESL EC-12: Instructional Strategies and Resources

3 hours Study of methods and techniques of teaching English as a second language in elementary and secondary schools; language development techniques and materials for students at different levels of English proficiency. The course focuses on helping students to develop strategies (consistent with state standards for language and content learning) that can improve the English language proficiency and grade level subject matter knowledge of English language learners. Three lecture hours a week and one and one-half field-base hours a week. Course required for students seeking grades EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470D and LING 4030D; Admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4470D.

Pedagogy - Professional Development (Clinical - Methods Course Sequence)

Clinical I Courses:

EDEE 4350D - Mathematics in Grades EC-8

3 hours (3;0;16) Principles in mathematics teaching and learning based on national curriculum and assessment standards. The learning process in the development of mathematical thinking and skills in children. Students observe mathematics instruction and materials in real settings and experience firsthand the scope and sequence of mathematics in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a school setting. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D; all courses in the reading/English/language arts part of the academic major. Required core and academic major math courses and DFEC classes.

EDME 4351D - Teaching Mathematics in Grades 4-8

3 hours This course offers candidates a constructivist approach to helping students develop a knowledge of mathematics in grades 4-8. Teaching strategies are presented with developmental activities that can be used with middle grade students. Students will reflect on what it means to teach mathematics and explore the factors that influence teaching. Prerequisite(s) : Admission to the teacher education program, which includes participation in a field-based program for the middle grades in mathematics, EDEE 3320D; required core and academic major math courses and EDEC and DFST classes.

Clinical II Courses:

EDUC 4200D - Student Teaching

6 6 hours. Teaching under supervision in EC-6, Special Education, Bilingual Education, English as Second Language, Grades 4-8, and/or Grades 7-12. Required for those seeking Texas certification for any level & any content area. See Student Teaching Program for details. Passino pass only. Prerequisite(s) : Completion of all program courses.

EDSP 4350D - Strategies to Support Diverse Learners in General Education

3 hours Examination of the roles of various professionals in the successful inclusion of students with disabilities in the general education classroom. Focus on consultation models, practices and principles with an emphasis on collaboration, cooperative learning, and inclusion. Provides an overview of assessment techniques applicable for all learners in the general education classroom. Prerequisite(s): EDSP 3210D, or equivalent, EDSP 3240D.

Interdisciplinary Studies with Elementary Education Certification (Science 4-8 and ESL Teacher Certification), BS

The Bachelor of Science degree with a major in Interdisciplinary Studies include the following teacher certification options: Early Childhood (EC) - 6 Generalist and Bilingual Certification; EC-6 Generalist and English as a Second Language Certification (ESL); EC-6 Generalist and Special Education (EC-12); 4-8 English, Language Arts and Reading and English as a Second Language (ESL); 4-8 Mathematics and English as a Second Language Certification (ESL); and 4-8 Science and English as a Second Language Certification (ESL) and 4-8 Social Studies and English as a Second Language (ESL). The following requirements are applicable to all students pursuing a teaching certificate:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Science degree.
2. **Other Requirements:**
 - a. **Admission to the Teacher Education Program:** Prior to enrolling in designated Teacher Education courses, students must meet these requirements for admission to the Program:
 - Have junior level status
 - Pass the Accuplacer or THEA OR qualify for ACT/SAT/TAKS exemption
 - Accuplacer: 80(Reading), 63(Math), 80/5 or 6 or higher on essay(Writing)
 - THEA: 240(Reading), 230(Math), 220(Writing)
 - Have a 2.75 overall GPA **AND** a 2.75 GPA in the completed core
 - A grade of "C" or better in the required English, Math, History, Political Science, and Science courses
 - Have a degree plan completed or in process
 - Complete Math 1350, and two of the required Science courses with a grade of "C" or better, and have no more than five classes remaining that do not require admission to the Teacher Education Program
 - Provide two professional reference forms, including one from college faculty (must be from two separate individuals and excluding family members)
 - Successfully pass the Bilingual Language Assessment (where applicable)
 - Completed Entrance Interview
 - b. The methods course sequence and student teaching are completed in the two final semesters of the degree. The Teacher Education Program offers methods courses (Clinical I) during a day and evening track. Students are encouraged to consider their needs and goals when choosing a path for completing their coursework. Regardless of whether a student chooses to attend the methods courses during the day or during the evening, they will be required to complete classroom observations required for each course. Students must apply for the methods courses the semester prior to enrolling in the courses and attend a mandatory orientation session. All students applying for the methods courses must have a 2.75 or better GPA in the Core, Academic Major, and Pedagogy.
3. All courses and their transfer equivalents or substitutions must be completed with a **grade of C or better** in order to advance to the professional methods courses and student teaching.
4. See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
5. **Eligibility for Teacher Certification and Endorsements:** In order to receive recommendation for teacher certification through UNT Dallas, students must:
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary or all level
 - Successfully complete student teaching

- Pass appropriate content and Pedagogy and Professional Responsibilities (PPR) sections of the Texas Examinations of Education Standards (TExES). For Bilingual certification, candidates must also pass the TExES Bilingual Target Language Proficiency Test (BTLPT). See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
- Apply for the appropriate teaching certificate with the Texas Education Agency (TEA).
- See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the test approval and application processes.
- Criminal background check.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Part-time students may make adjustments and should consult with their advisor for course prerequisites. Courses transferred from another institution may satisfy curriculum requirements. Students should consult with their advisor to ensure courses are taken in the appropriate sequence and to determine substitution of transfer courses if necessary.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

General (Core) Requirements

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

- *Mathematics (MATH 1350D)
- *Life & Physical Science (See Certification Requirements)
- *Life & Physical Science (See Certification Requirements)
- Creative Arts (ART 1300D)
- Language, Philosophy & Culture (ENGL 2220D)

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

- *Social and Behavioral Sciences (DFST 1013D)
- Component Area Option
- Component Area Option

Certification Requirements

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1350D - Mathematics for Elementary Education Majors I

3 hours Concepts of sets, functions, numeration systems, different number bases, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1100D with grade of C or better.

MATH 1351D - Mathematics for Elementary Education Majors II

3 hours Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1350D

EDSP 3210D - Educational Aspects of Exceptional Learners

3 hours Overview of the unique physical, cognitive and behavioral needs of exceptional learners. The teacher's role in identification and referral procedures and implementation of effective educational practices as required by federal and state law are examined.

LING 3060D - Principles of Language Study

3 hours An introductory linguistics course that focuses on the structure of English (phonology, morphology and syntax). The course includes language acquisition and development, the history of English, dialects of American English and problems of usage.

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411

(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

SPAN 3080D - Advanced Spanish Composition and Grammar for Bilinguals

3 hours 3080. Advanced Spanish Composition and Grammar for Bilinguals. 3 hours. Principles of academic writing, spelling, and grammar in Spanish, directed specifically towards bilinguals (Spanish heritage and native speakers). Course will be taught in Spanish. Prerequisite(s) : Demonstrate native or near-native language ability as defined by results of departmental proficiency exam and / or consent of department.

Academic Major: Science Requirements

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1710D - Principles of Biology I

3 hours **TCCNS Number:** -1306

(3;0;1) An integrated approach to cell and molecular biology with an emphasis on biological chemistry, cell structure and function, Mendelian and molecular genetics, evolutionary biology, and classification of microorganisms, plants and animals. Required for biology major. Course should be taken concurrently with BIOL 1730D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1730D - Principles of Biology I Laboratory

1 hour **TCCNS Number:** -1106

(0;3) Laboratory techniques for BIOL 1710D. Prerequisite(s): BIOL 1710D or 1711, should be taken concurrently. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1720D - Principles of Biology II

3 hours **TCCNS Number:** -1307

(3;0;1) An integrated approach to the anatomical, physiological and functional aspects of nutrition, gas exchange, transport, reproduction, development, regulation, response and ecology of microorganisms, plants and animals. Required of all biology majors. Course should be taken concurrently with BIOL 1740D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1740D - Principles of Biology II Laboratory

1 hour **TCCNS Number:** (1107)

(0;3) Laboratory techniques for BIOL 1720D. Prerequisite(s): BIOL 1710D/BIOL 1730D or BIOL 1711/BIOL 1730D

and credit for or concurrent enrollment in BIOL 1720D or BIOL 1722. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

CHEM 1410D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1311

(3;0;1*) Fundamental concepts, states of matter, periodic table, structure and bonding, stoichiometry, oxidation and reduction, solutions, and compounds of representative elements. Prerequisite(s): MATH 1100D or equivalent. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1430D - Laboratory Sequence for General Chemistry

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

CHEM 1420D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1312

(3;0;1*) Thermodynamics, reaction rates, equilibrium, electrochemistry, organic chemistry, polymers, radioactivity and nuclear reactions. Prerequisite(s): CHEM 1410D or CHEM 1413 or consent of department. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1440D - Laboratory Sequence for General Chemistry.

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

GEOG 1710D - Earth Science

3 hours **TCCNS Number:** -1401

(3;2) Principles and processes of physical geography. Introduction to mapping, weather and climate, soil and vegetation, and landforms of rivers, coasts and deserts. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1052D - Solar System

3 1052. Solar System. 3 hours (3;2). History of astronomy and the physical properties of the earth, moon, planets and minor bodies. Includes weekly outdoor and indoor laboratory exercises. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Prerequisite(s) : MATH 1100 or above.

or

PHYS 1062D - Stars and the Universe

3 1062. Stars and the Universe. 3 hours (3;2). Properties of stars and stellar systems and a study of the origin, evolution and future of the universe. Includes weekly outdoor and indoor laboratory exercises. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Prerequisite(s) : MATH 1100 or above.

PHYS 1410D - General Physics I

3 **TCCNS Number:** 1301

1410 (1301). General Physics I. 3 hours. (3;0;1) Non-calculus based physics sequence suitable for life sciences majors and preprofessional students. Principles and applications of mechanics, sound and heat. Prerequisite(s): proficiency in algebra and trigonometry. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1430D - General Physics Laboratory I

1 **TCCNS Number:** 1101

1430 (1101). General Physics Laboratory I. 1 hour. (0;3) Prerequisite(s): credit for or concurrent enrollment in PHYS 1410. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1420D - General Physics II

3 **TCCNS Number:** 1302

1420 (1302). General Physics II. 3 hours. (3;0;1) Non-calculus based physics sequence suitable for life sciences majors and preprofessional students. Principles and applications of electricity, magnetism, light and atomic physics. Prerequisite(s): PHYS 1410 or consent of department. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1440D - General Physics Laboratory II

1 **TCCNS Number:** 1102

1440 (1102). General Physics Laboratory II. 1 hour. (0;3) Prerequisite(s): credit for or concurrent enrollment in PHYS 1420. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

- Approved Content Elective
- Approved Content Elective
- Approved Content Elective

Academic Major: Teacher Education Requirements

The following courses require admission to the Teacher Education Program.

EDUC 3320D - Foundations of Education

3 hours 3 hours. Standards and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment.

EDSE 4060D - Content Area Reading in Secondary Schools

3 hours (0;0;3) Provides an overview of the reading process with emphasis on reading to learn in the secondary school content areas. Course provides knowledge and skills for identifying reading problems, modifying instructional materials and processes, and using writing to promote learning and thinking in the content areas. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting.

Prerequisite(s): Junior standing and admission to teacher education.

EDRE 4840D - Linguistically Diverse Learners

3 hours Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): Admission to the teacher education program, EDRE 4450D/EDRE 4820D (may be taken concurrently), LING 3060D (may be taken concurrently).

EDSP 4340D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 hours Approaches to behavioral management of exceptional learners across a variety of educational settings. Implementation of individualized techniques including applied behavioral analysis, as well as larger-group strategies, to foster positive behavioral, social, and emotional growth. Special attention to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

EDBE 4490D - Teaching ESL EC-12: Instructional Strategies and Resources

3 hours Study of methods and techniques of teaching English as a second language in elementary and secondary schools; language development techniques and materials for students at different levels of English proficiency. The course focuses on helping students to develop strategies (consistent with state standards for language and content learning) that can improve the English language proficiency and grade level subject matter knowledge of English language learners. Three lecture hours a week and one and one-half field-base hours a week. Course required for students seeking grades EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470D and LING 4030D; Admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4470D.

Pedagogy - Professional Development (Clinical - Methods Course Sequence)

Clinical I Course(s):

EDME 4330D - Science in Grades 4-8

3 hours Subject matter background and material organization for an integrated science program in the upper elementary and middle school. Students experience first-hand the scope and sequence of science education. Assignments, directed field experience, and other class activities take place on site in an upper elementary or middle school setting.

Prerequisite(s) : Admission to the teacher education program, which includes participation in a field-based program,

EDEE 3320D, EDSE 4060D, DFST 4133D, EDEE 2000D, EDSP 3210D, CECS 4100, and required core and academic major science courses.

Clinical II Courses:

EDUC 4200D - Student Teaching

6 6 hours. Teaching under supervision in EC-6, Special Education, Bilingual Education, English as Second Language, Grades 4-8, and/or Grades 7-12. Required for those seeking Texas certification for any level & any content area. See Student Teaching Program for details. Pass/no pass only. Prerequisite(s) : Completion of all program courses.

EDSP 4350D - Strategies to Support Diverse Learners in General Education

3 hours Examination of the roles of various professionals in the successful inclusion of students with disabilities in the general education classroom. Focus on consultation models, practices and principles with an emphasis on collaboration, cooperative learning, and inclusion. Provides an overview of assessment techniques applicable for all learners in the general education classroom. Prerequisite(s): EDSP 3210D, or equivalent, EDSP 3240D.

Interdisciplinary Studies with Elementary Education Certification (Social Studies 4-8 and ESL Teacher Certification), BS

The Bachelor of Science degree with a major in Interdisciplinary Studies include the following teacher certification options: Early Childhood (EC) - 6 Generalist and Bilingual Certification; EC-6 Generalist and English as a Second Language Certification (ESL); EC-6 Generalist and Special Education (EC-12); 4-8 English, Language Arts and Reading and English as a Second Language (ESL); 4-8 Mathematics and English as a Second Language Certification (ESL); and 4-8 Science and English as a Second Language Certification (ESL) and 4-8 Social Studies and English as a Second Language (ESL). The following requirements are applicable to all students pursuing a teaching certificate:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Science degree.
2. **Other Requirements:**
 - a. **Admission to the Teacher Education Program:** Prior to enrolling in designated Teacher Education courses, students must meet these requirements for admission to the Program:
 - Have junior level status
 - Pass the Accuplacer or THEA OR qualify for ACT/SAT/TAKS exemption
 - Accuplacer: 80(Reading), 63(Math), 80/5 or 6 or higher on essay(Writing)
 - THEA: 240(Reading), 230(Math), 220(Writing)
 - Have a 2.75 overall GPA **AND** a 2.75 GPA in the completed core
 - A grade of "C" or better in the required English, Math, History, Political Science, and Science courses
 - Have a degree plan completed or in process
 - Complete Math 1350, and two of the required Science courses with a grade of "C" or better, and have no more than five classes remaining that do not require admission to the Teacher Education Program
 - Provide two professional reference forms, including one from college faculty (must be from two separate individuals and excluding family members)
 - Successfully pass the Bilingual Language Assessment (where applicable)

- Completed Entrance Interview
- b. The methods course sequence and student teaching are completed in the two final semesters of the degree. The Teacher Education Program offers methods courses (Clinical I) during a day and evening track. Students are encouraged to consider their needs and goals when choosing a path for completing their coursework. Regardless of whether a student chooses to attend the methods courses during the day or during the evening, they will be required to complete classroom observations required for each course. Students must apply for the methods courses the semester prior to enrolling in the courses and attend a mandatory orientation session. All students applying for the methods courses must have a 2.75 or better GPA in the Core, Academic Major, and Pedagogy.
 3. All courses and their transfer equivalents or substitutions must be completed with a **grade of C or better** in order to advance to the professional methods courses and student teaching.
 4. See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 5. **Eligibility for Teacher Certification and Endorsements:** In order to receive recommendation for teacher certification through UNT Dallas, students must:
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary or all level
 - Successfully complete student teaching
 - Pass appropriate content and Pedagogy and Professional Responsibilities (PPR) sections of the Texas Examinations of Education Standards (TExES). For Bilingual certification, candidates must also pass the TExES Bilingual Target Language Proficiency Test (BTLPT). See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the application process.
 - Apply for the appropriate teaching certificate with the Texas Education Agency (TEA).
 - See the UNT Dallas Teacher Certification Officer (Dallas 1, Room 201Q) for more information on the test approval and application processes.
 - Criminal background check.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Part-time students may make adjustments and should consult with their advisor for course prerequisites. Courses transferred from another institution may satisfy curriculum requirements. Students should consult with their advisor to ensure courses are taken in the appropriate sequence and to determine substitution of transfer courses if necessary.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

General (Core) Requirements

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

- *Mathematics (MATH 1350D)
- *Life & Physical Science (Suggested: BIOL 1082D)
- *Life & Physical Science (Suggested: GEOG 1710D)
- Creative Arts (ART 1300D)
- Language, Philosophy & Culture (ENGL 2220D)

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)
U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)
Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

- *Social and Behavioral Sciences (DFST 1013D)
- Component Area Option
- Component Area Option

Certification Requirements

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

MATH 1350D - Mathematics for Elementary Education Majors I

3 hours Concepts of sets, functions, numeration systems, different number bases, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1100D with grade of C or better.

MATH 1351D - Mathematics for Elementary Education Majors II

3 hours Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Only for students requiring course for teacher certification. Prerequisite(s): MATH 1350D

DFST 1013D - Human Development

3 **TCCNS Number:** (TECA 1354)

Introduction to the theories and processes of physical, cognitive and social development of the individual from conception until death. Suitable for non-majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

BIOL 1082D - Biology for Educators

3 hours (3;3) Develop a meaningful and functional command of key biological concepts; an understanding of the interrelationships among all living things; and a correlation between what pre-service teachers are required to learn and what they will be required to teach. Includes laboratory. BIOL 1082D is a general biology course with laboratory designated for elementary and middle school education majors for seeking teacher certification. Note: this course may not be used to satisfy the laboratory science requirement for majors in the College of Arts and Sciences.

GEOG 1710D - Earth Science

3 hours **TCCNS Number:** -1401

(3;2) Principles and processes of physical geography. Introduction to mapping, weather and climate, soil and vegetation, and landforms of rivers, coasts and deserts. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

GEOG 1200D - World Regional Geography

3 **TCCNS Number:** 1303

1200 (1303). World Regional Geography. 3 hours. Geographical characteristics, major problems and role of major world regions; emphasis on Central and South America, Africa, Middle East and Asia.

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411

(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

SPAN 3080D - Advanced Spanish Composition and Grammar for Bilinguals

3 hours 3080. Advanced Spanish Composition and Grammar for Bilinguals. 3 hours. Principles of academic writing, spelling, and grammar in Spanish, directed specifically towards bilinguals (Spanish heritage and native speakers). Course will be taught in Spanish. Prerequisite(s) : Demonstrate native or near-native language ability as defined by results of departmental proficiency exam and / or consent of department.

Academic Major: Social Studies

HIST 4700D - Texas

3 hours Development of Texas from its frontier beginnings to an urban state.

- Approved Advanced US History course
- Approved Advanced European History course
- Approved Advanced World History course
- Approved Advanced American Government and Politics course

EDSP 3210D - Educational Aspects of Exceptional Learners

3 hours Overview of the unique physical, cognitive and behavioral needs of exceptional learners. The teacher's role in identification and referral procedures and implementation of effective educational practices as required by federal and state law are examined.

LING 3060D - Principles of Language Study

3 hours An introductory linguistics course that focuses on the structure of English (phonology, morphology and syntax). The course includes language acquisition and development, the history of English, dialects of American English and problems of usage.

EDBE 3470D - Foundations of Bilingual and English as Second Language Education

3 hours Examination of philosophies and theoretical underpinnings of bilingual and ESL education, including a review of historical antecedents of bilingual education and evolution of federal and state language policies governing the education of language-minority children. Three lecture hours a week. Course required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): May be taken concurrently with EDBE 3480D. Admission to Teacher Education or permission of department.

EDBE 3480D - Bilingualism and Multiculturalism for English Language Learning : Issues and Perspectives

3 hours Study of the bilingual learner; perspectives on multiculturalism; discussions of cognitive, social and affective factors impacting second language development; insights into education in a pluralistic society. Three lecture hours a week. Observations are required. Course required for students seeking grades EC-4 or 4-8 Generalist certification with specialization in bilingual or ESL education, or 4-8 certification with mathematics/ESL, science/ESL, social

studies/ESL, or Reading/LA/ESL. Prerequisite(s): May be taken concurrently with EDBE 3470D. Admission to Teacher Education or permission of department.

- Approved Elective
- Approved Elective
- Approved Elective
- Approved Elective

Academic Major: Teacher Education Requirements

The following courses require admission to the Teacher Education Program.

EDUC 3320D - Foundations of Education

3 hours 3 hours. Standards and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment.

EDSE 4060D - Content Area Reading in Secondary Schools

3 hours (0;0;3) Provides an overview of the reading process with emphasis on reading to learn in the secondary school content areas. Course provides knowledge and skills for identifying reading problems, modifying instructional materials and processes, and using writing to promote learning and thinking in the content areas. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): Junior standing and admission to teacher education.

EDRE 4840D - Linguistically Diverse Learners

3 hours Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): Admission to the teacher education program, EDRE 4450D/EDRE 4820D (may be taken concurrently), LING 3060D (may be taken concurrently).

EDSP 4340D - Classroom and Behavioral Management Strategies for Exceptional Learners

3 hours Approaches to behavioral management of exceptional learners across a variety of educational settings. Implementation of individualized techniques including applied behavioral analysis, as well as larger-group strategies, to foster positive behavioral, social, and emotional growth. Special attention to the development of behavioral intervention plans and positive behavioral supports for students with challenging behaviors. Prerequisite(s): EDSP 3210D or equivalent and EDSP 3240D.

EDBE 4490D - Teaching ESL EC-12: Instructional Strategies and Resources

3 hours Study of methods and techniques of teaching English as a second language in elementary and secondary schools; language development techniques and materials for students at different levels of English proficiency. The course focuses on helping students to develop strategies (consistent with state standards for language and content

learning) that can improve the English language proficiency and grade level subject matter knowledge of English language learners. Three lecture hours a week and one and one-half field-base hours a week. Course required for students seeking grades EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470D and LING 4030D; Admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4470D.

Pedagogy - Professional Development (Clinical - Methods Course Sequence)

Clinical I Course(s):

EDRE 4860D - Reading and the Language Arts in Grades EC-8

3 hours Problems related to the comprehension and expansion of symbols of meaning; the interrelationship of reading with other areas of language arts. Prerequisite(s): Admission to the teacher education program, which includes participation in a field-based program, EDEE 3320D, EDEE 3380D, all courses in the reading/English/language arts part of the academic major, and DFEC courses.

Clinical II Courses:

EDUC 4200D - Student Teaching

6 6 hours. Teaching under supervision in EC-6, Special Education, Bilingual Education, English as Second Language, Grades 4-8, and/or Grades 7-12. Required for those seeking Texas certification for any level & any content area. See Student Teaching Program for details. Pass/no pass only. Prerequisite(s) : Completion of all program courses.

EDSP 4350D - Strategies to Support Diverse Learners in General Education

3 hours Examination of the roles of various professionals in the successful inclusion of students with disabilities in the general education classroom. Focus on consultation models, practices and principles with an emphasis on collaboration, cooperative learning, and inclusion. Provides an overview of assessment techniques applicable for all learners in the general education classroom. Prerequisite(s): EDSP 3210D, or equivalent, EDSP 3240D.

Division of Liberal Arts and Life Sciences

School of Liberal Arts and Life Sciences

Bachelor of Applied Arts and Sciences

Applied Arts and Sciences, BAAS

Requirements for the Bachelor of Applied Arts and Sciences degree with a major in Applied Arts and Sciences include the following:

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 Applied Arts and Sciences degree.

2. **Major Requirements:**

Professional Foundation Requirements: Students are required to complete 9 hours in the Professional Foundation core, including: HSML 3000D*; SOCI 3220D; and either SOCI 4540D or SOWK 4540D. Students must earn a grade of C or better for these required courses.

Professional Development Requirements: Students may choose from two options in selection of BAAS concentrations. **OPTION 1** requires completion of three interdisciplinary concentrations of courses consisting of 12 hours per concentration. One (12 hours) concentration area must be taken from UNT Dallas. The remaining two concentration areas (24 hours) may come from any other department at UNT or may consist of technical/professional coursework already completed at a community college (or in the military) as part of an associate's degree. **OPTION 2** requires completion of one primary and one secondary interdisciplinary concentration consisting of 36 hours. The secondary concentration must consist of at least 12 hours. One concentration area must be taken from UNT Dallas. The remaining concentration area may come from any other department at UNT or may consist of technical/professional coursework already completed at a community college (or in the military) as part of an associate's degree.

Occupational Specialization Requirements: The occupational specialization degree component consists of 21 hours of credits from courses related to a specific job or field of study.

Concentration areas consisting of 12 hours can be selected from the following disciplines:

- a. Human Services Management & Leadership
- b. Criminal Justice
- c. Applied Gerontology
- d. Rehabilitation
- e. Sociology
- f. Creative Writing
- g. Dallas Studies
- h. History
- i. Ethnic and Minority Studies
- j. Hospitality Management
- k. Sports and Entertainment Marketing
- l. Communication Studies
- m. Communication & Technology
- n. Psychology
- o. Child Development and Family Studies
- p. Alternative Dispute Resolution

Concentration areas consisting of more than 12 hours can be selected from the following disciplines:

- a. Dallas Studies
- b. Sociology
- c. Hospitality Management
- d. History
- e. Ethnic and Minority Studies
- f. Communication Studies
- g. Communication & Technology
- h. Sports and Entertainment Marketing
- i. Business
- j. Psychology
- k. Communication Marketing
- l. Alternative Dispute Resolution
3. **GPA Requirements:** 2.0 to qualify for graduation.

*Students may substitute an upper level course from one of their concentration areas for this course. Approval is required.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes General Elective to be taken only if needed; please see your advisor for options.

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

SOCI 1510D - Introduction to Sociology

3 hours **TCCNS Number:** (1301)

Social and cultural basis for human behavior; impact of societal groups and organizations on personal identity, feelings and actions; influence on the self in relation to the family, peer groups, social classes, religion and social institutions. Satisfies arts and sciences core social science requirements. Required of all sociology majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

- General Elective^

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory.

Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1680D - Elementary Probability and Statistics

3 hours **TCCNS Number:** (1342 or 2342)

An introductory course to serve students of any field who want to apply statistical inference. Descriptive statistics, elementary probability, estimation, hypothesis testing and small samples. Students may not receive credit for both MATH 1680 and MATH 1681. Prerequisite(s): Two years of high school algebra and one year of high school geometry and consent of department, or MATH 1010D with grade of C or better. Satisfies the Mathematics requirement of the University Core Curriculum.

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

- General Elective^

Second Year

Fall (16 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

- Specialization

Spring (16 hours)

- General Elective^

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

Capstone Course

Specialization

General Elective^

Third Year

Fall (15 hours)

HSML 3000D - Human Service in the Nonprofit Sector

3 hours The foundation course for students interested in a career in one of the human service professions. Examination of the philosophy, values, roles and responsibilities of human services and human service workers in today's society. Examination of personal needs, interests, and potential strengths as a professional human service worker.

- Prof Area (1)
- Prof Area (2)
- Prof Area (3)
- Specialization

Spring (15 hours)

SOCI 3220D - Quantitative Data Collection

3 hours Principles and procedures, sources of data, techniques of collection and analysis of quantitative data. Focus on survey research, secondary data analysis and other quantitative methods. Prerequisite(s) : advanced (junior or senior) standing; SOCI 1510D. Required of all sociology majors.

- Prof Area (1)
- Prof Area (2)

- Prof Area (3)
- Specialization

Fourth Year

Fall (15 hours)

SOCI 4540D - Race and Ethnic Minorities

3 hours Conditions and distribution of race and ethnic minorities; socio-psychological and cultural factors in race and ethnic relations; pattern of relations in the United States with emphasis on the Southwest and on social services.

Prerequisite(s): SOCI 1510D or SOWK 1450 and other equivalents. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

- Prof Area (1)
- Prof Area (2)
- Prof Area (3)
- Specialization

Spring (15 hours)

- Specialization
- Prof Area (1)
- Prof Area (2)
- Prof Area (3)
- Specialization

Bachelor of Arts

Information Technology, BA

The Department of Mathematics and Information Sciences educates business computer information systems designers and system analysts for careers in industry and government.

Requirements for the Bachelor of Arts degree with a major in Information Technology include the following.

1. **Hours Required and General/College Requirements:** A minimum of 121 semester hours, of which 42 must be advanced, and fulfillment of degree requirements for the Bachelor of Arts degree.
2. **Engineering Foundations:** MATH 1710D, MATH 1680D, TECM 2700D and choose 12 hours of science courses from the following: BIOL 1710D/1730D and BIOL 1720D/1740D, PHYS 1710D/1730D and 2220D/2240D, CHEM 1410D/1430D, and CHEM 1420D /1440D
3. **Major Requirements:** CSCE 1030D, CSCE 1040D, CSCE 2100D, CSCE 2110D, CSCE 3220D , CSCE 3420D , CSCE 3055D, CSCE 3530D, CSCE 3600D, CSCE 4010D, CSCE 4350D, CSCE 4444D, CSCE 4550D, CSCE 4905D, CSCE 4925D.
4. **CS Concentration and supporting areas:** You must choose 1 concentration (9 hours) & 1 supporting area (21 hours) from the following:

Mathematics

CS Concentration Area Courses: CSCE 2610D - Assembly Language and Computer Organization, CSCE 3110D - Data Structures and Algorithms, CSCE 4110D - Algorithms

Supporting Area Courses: MATH 1680D - Elementary Probability and Statistics, MATH 1720D - Calculus II, MATH 2700D - Linear Algebra and Vector Geometry, MATH 3000D - Real Analysis I, MATH 3350D - Introduction to Numerical Analysis, MATH 3410D - Differential Equations I, MATH 3510D - Introduction to Abstract Algebra

Business (Pre-MBA)

CS Concentration Area Courses: CSCE 3520D - Data Communications, CSCE 4310D - Introduction to Artificial Intelligence, CSCE 4560D - Secure Electronic Commerce

Supporting Area Courses: MATH 1680D - Elementary Probability and Statistics, CSCE 3110D - Data Structures and Algorithms, ACCT 2010D - Accounting Principles I (Financial Accounting), ACCT 2020D - Accounting Principles II (Managerial Accounting), FINA 3770D - Finance FINA 4200D - Investments, MKTG 3650D - Foundations of Marketing Practice

Networks & Information Security

CS Concentration Area Courses: CSCE 3520D - Data Communications, CSCE 3535D - Introduction to Network and Security Management, CSCE 4560D - Secure Electronic Commerce

Supporting Area Courses: MATH 1680D - Elementary Probability and Statistics, CSCE 2610D - Assembly Language and Computer Organization, CSCE 3110D - Data Structures and Algorithms, CSCE 3510D - Introduction to Wireless Communications, CSCE 4520D - Wireless Networks and Protocols, CSCE 4530D - Computer Network Design, CSCE 4540D - TCP/IP Protocols

Mobile Apps & Animation

CS Concentration Area Courses: CSCE 2610D - Assembly Language and Computer Organization, CSCE 3110D - Data Structures and Algorithms, CSCE 3510D - Introduction to Wireless Communications

Supporting Area Courses: MATH 1680D - Elementary Probability and Statistics, CSCE 4210D - Game Programming I, CSCE 4215D - Programming Math and Physics for Games, CSCE 4220D - Game Programming II, CSCE 4250D - Topics in Game Development, CSCE 4930D - Topics in Computer Science and Engineering, CSCE 4940D - Special Computer Application Problem

5. **Other Requirements:** *Grade of "C" or better required. Needs at least 2.75 on all advanced computer courses.*

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

First Year

Fall (16 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

CSCE 1030D - Computer Science I

4 hours (3;1). Introduction to Computer Science and Engineering, problem-solving techniques, algorithmic processes, software design and development. Prerequisite(s): Co-requisite of MATH 1650D.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

SOCI 1510D - Introduction to Sociology

3 hours **TCCNS Number:** (1301)

Social and cultural basis for human behavior; impact of societal groups and organizations on personal identity, feelings and actions; influence on the self in relation to the family, peer groups, social classes, religion and social institutions. Satisfies arts and sciences core social science requirements. Required of all sociology majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

Spring (17 hours)

TECM 2700D - Technical Writing

3 hours **TCCNS Number:** -2311

Expository writing, especially for science, pre-engineering and business students. May be substituted for ENGL 1320 in some programs; students should consult advisers in their majors

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1710D - Calculus I

4 hours **TCCNS Number:** -2413

Limits and continuity, derivatives and integrals; differentiation and integration of polynomial, rational, trigonometric, and algebraic functions; applications, including slope, velocity, extrema, area, volume and work. Prerequisite(s): MATH 1650D; or both MATH 1600 and MATH 1610. Satisfies the Mathematics requirement of the University Core Curriculum.

CSCE 1040D - Computer Science II

3 hours **TCCNS Number:** (COSC 2415)

Continuation of CSCE 1030D. Software design, structured programming, object oriented design and programming. Prerequisite(s): CSCE 1030D. Corequisite : MATH 1650D

BIOL 1710D - Principles of Biology I

3 hours **TCCNS Number:** -1306

(3;0;1) An integrated approach to cell and molecular biology with an emphasis on biological chemistry, cell structure and function, Mendelian and molecular genetics, evolutionary biology, and classification of microorganisms, plants and animals. Required for biology major. Course should be taken concurrently with BIOL 1730D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1730D - Principles of Biology I Laboratory

1 hour **TCCNS Number:** -1106

(0;3) Laboratory techniques for BIOL 1710D. Prerequisite(s): BIOL 1710D or 1711, should be taken concurrently. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

Second Year

Fall (16 hours)

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

CHEM 1410D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1311

(3;0;1*) Fundamental concepts, states of matter, periodic table, structure and bonding, stoichiometry, oxidation and reduction, solutions, and compounds of representative elements. Prerequisite(s): MATH 1100D or equivalent. May be

used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1430D - Laboratory Sequence for General Chemistry

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

MATH 1680D - Elementary Probability and Statistics

3 hours **TCCNS Number:** (1342 or 2342)

An introductory course to serve students of any field who want to apply statistical inference. Descriptive statistics, elementary probability, estimation, hypothesis testing and small samples. Students may not receive credit for both MATH 1680 and MATH 1681. Prerequisite(s): Two years of high school algebra and one year of high school geometry and consent of department, or MATH 1010D with grade of C or better. Satisfies the Mathematics requirement of the University Core Curriculum.

CSCE 2100D - Computing Foundations I

3 hours 2100. Computing Foundations I. 3 hours. Introduces students to both data structures and formalisms used in computer science, such as asymptotic behavior of algorithms. Learn about data structures and the formalisms used to both describe and evaluate those data structures simultaneously. By the end of the two-semester sequence of which this course is the first part, each student will have a solid foundation in conceptual and formal models, efficiency, and levels of abstraction as used in the field of computer science. Prerequisite(s) : CSCE 1040.

Spring (16 hours)

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

CSCE 2110D - Computing Foundations II

3 hours 2110. Computing Foundations II. 3 hours. Continuation of Computing I. Further introduces students to both data structures and formalisms used in computer science, such as asymptotic behavior of algorithms. Learn about data structures and formalisms used to both describe and evaluate those data structures simultaneously. By the end of the two-semester sequence of which this course is the second part, each student will have a solid foundation in conceptual and formal models, efficiency, and levels of abstraction as used in the field of computer science. Prerequisite(s) : CSCE 2100.

BIOL 1720D - Principles of Biology II

3 hours **TCCNS Number:** -1307

(3;0;1) An integrated approach to the anatomical, physiological and functional aspects of nutrition, gas exchange, transport, reproduction, development, regulation, response and ecology of microorganisms, plants and animals.

Required of all biology majors. Course should be taken concurrently with BIOL 1740D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1740D - Principles of Biology II Laboratory

1 hour **TCCNS Number:** (1107)

(0;3) Laboratory techniques for BIOL 1720D. Prerequisite(s): BIOL 1710D/BIOL 1730D or BIOL 1711/BIOL 1730D and credit for or concurrent enrollment in BIOL 1720D or BIOL 1722. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

or

CHEM 1420D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1312

(3;0;1*) Thermodynamics, reaction rates, equilibrium, electrochemistry, organic chemistry, polymers, radioactivity and nuclear reactions. Prerequisite(s): CHEM 1410D or CHEM 1413 or consent of department. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1440D - Laboratory Sequence for General Chemistry.

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

or

PHYS 1710D - Mechanics

3 hours **TCCNS Number:** -2325

(3;0;1) Laws of motion; inertia, acceleration, force, energy, momentum and angular momentum. Rotational and oscillatory motion. Gravitation. Prerequisite(s): MATH 1710D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

PHYS 1730D - Laboratory in Mechanics

1 hour **TCCNS Number:** -2125

(0;3) Prerequisite(s): credit for or concurrent enrollment in MATH 1710D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

CSCE 3600D - Principles of Systems Programming

3 hours Introduction to the design and operation of systems software. Analysis is made of current system software technology, including operating systems, language translation systems and file systems. Prerequisite(s): CSCE 2100D - Computing Foundations I or CSCE 2050D - Computer Science III and CSCE 2610D - Assembly Language and Computer Organization.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

or

ENGL 2220D - Masterpieces of world literature since the Renaissance

3 hours **TCCNS Number:** -2333

Prerequisite(s): three semester hours of freshman-level English or equivalent credit. Satisfies the Humanities requirement of the University Core Curriculum.

Third Year

Fall (15 hours)

CSCE 3420D - Internet Programming

3 3420. Internet Programming. 3 hours. This course covers Internet programming in depth, including client-server, peer-to-peer, and web applications. The primary goal of the course is to help students understand the principles of how distributed applications are built, while also giving them practical experience in creating common Internet applications. Prerequisite(s) : CSCE 2110.

CSCE 3530D - Introduction to Computer Networks

3 hours

Introduction to data communications; asynchronous, synchronous, networks and current technology.

Prerequisite(s): CSCE 2610D - Assembly Language and Computer Organization or CSCE 3600D - Principles of Systems Programming

CSCE 4350D - Introduction to Database Systems Design

3 hours Logical and physical database system organization; logical models; design issues; secondary storage considerations. Prerequisite(s): CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms .

- Supporting Area
- Supporting Area

Spring (12 hours)

CSCE 3220D - Human Computer Interfaces

3 3220. Human Computer Interfaces. 3 hours. Human-Computer Interaction (HCI). Methods for designing, prototyping, and evaluating user interfaces for computing applications. Human capabilities, interface technology, interface design methods, and interface evaluation tools and techniques. Prerequisite(s) : CSCE 2110.

CSCE 3055D - IT Project Management

3 hours Provides students with the tools and techniques needed to manage a wide variety of IT Systems projects, including software design and development, IT Systems design and installation, network management and support and others. Students will develop and practice skills through the use of case studies and other project-based exercises.

Prerequisite(s): CSCE 2050D - Computer Science III or CSCE 2100D - Computing Foundations I

CSCE Concentration Area

- Supporting Area

Fourth Year

Fall (15 hours)

CSCE 4905D - Capstone I

3 hours First of a two course sequence in which students will develop a complex IT System starting from customer requirements and progressing through the entire analysis, design, implementation, testing and delivery lifecycle. Students will work in teams to develop a project plan, complete the technical components of the project, prepare a variety of deliverable documents, and finally deliver the finished product to the customer. The first course will focus on the analysis and design of the system. Prerequisite(s) : CSCE 3055D

- CSCE Concentration Area

CSCE 4444D - Software Engineering

3 hours 4444. Software Engineering. 3 hours. Modular design and implementation of software systems. Topics include requirements and specifications development, documentation of the design using current design tools such as UML, testing of software implementation, and system and user documentation. Prerequisite(s) : CSCE 2110D - Computing Foundations II or CSCE 3110D - Data Structures and Algorithms.

- Supporting Area
- Supporting Area

Spring (14 hours)

CSCE 4925D - Capstone II

3 hours Second of a two course sequence in which students will develop a complex IT System starting from customer requirements and progressing through the entire analysis, design, implementation, testing and delivery lifecycle. Students will work in teams to develop a project plan, complete the technical components of the project, prepare a variety of deliverable documents, and finally deliver the finished product to the customer. The second course will focus on the implementation, testing and delivery of the system. Prerequisite(s) : CSCE 4905D

CSCE 4550D - Introduction to Computer Security

3 hours Security goals, threats, and vulnerabilities. Cryptography, program security, and operating system security issues. Basic network security. Planning, policies, and risk analysis. Prerequisite(s): CSCE 2610D - Assembly Language and Computer Organization or CSCE 3600D - Principles of Systems Programming.

CSCE 4010D - Engineering Ethics

2 hours The effect of technology in modern society with emphasis on the role of engineering and technical professionals. Prerequisite(s): junior standing.

- CSCE Concentration Area
- Supporting Area

Mathematics with Secondary Teacher Certification, BA

Requirements for the Bachelor of Arts degree with a major in Mathematics and a minor in Secondary Education include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Arts degree
2. **Other Requirements:**
 - a. **Admission to the Teacher Education Program:** Prior to enrolling in designated Teacher Education courses, students must meet these requirements:
 - 60 credit hours (junior status)
 - A 2.75+ overall GPA **AND** a 2.75+ UNT GPA
 - Pass the THEA test with minimum scores of: 240 Reading, 230 Math, 220 Writing
 - b. **Mathematics Core Courses:** MATH 1710D , MATH 1720D , MATH 2700D , MATH 2730D
 - c. **Required Math Courses:** MATH 3000D , MATH 3400D , MATH 3410D , MATH 3510D , MATH 3680D , MATH 4050D , MATH 4060D
 - d. **Three lab science courses from:** BIOL 1710D /1720D , BIOL 1730D /1740D , CHEM 1410D /1430D , CHEM 1420D /1440D , PHYS 1210D , and PHYS 1710D /1730D
 - e. **Computer Programming:** CSCE 1030D
 - f. **Intermediate Foreign Language:** 6 hours
 - g. **Secondary Certification Requirements:** EDSE 3800D , EDSE 3830D , EDSE 4060D , EDSE 4070D , EDSE 4840D (Early Field Experience (PDS I)),EDSE 4108D and EDSE 4118D (PDS II) (Student teaching is to be completed in the final semester). These courses must be completed with a minimum grade of "C"
 - h. **GPA requirements:** Students must have a 2.75+ GPA in UNTD, Overall, Teaching Field, and Education areas. All mathematics courses numbered 3350 or above require a GPA of 2.0
3. **Eligibility for Teacher Certification and Endorsements:**
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary, or all levels
 - Complete Student Teaching
 - Pass appropriate content (Mathematics 8-12) and Pedagogy and Professional Responsibilities (PPR (EC-12)) sections of the Texas Examinations of Education Standards (TExES)
 - Additional certification exams may be required. See advisor for more information

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes classes that require admission to the Teacher Education program.

{ } Denotes "double-dip" courses which count for both core and major

First Year

Fall (17 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

MATH 1710D - Calculus I

4 hours **TCCNS Number:** -2413

Limits and continuity, derivatives and integrals; differentiation and integration of polynomial, rational, trigonometric, and algebraic functions; applications, including slope, velocity, extrema, area, volume and work. Prerequisite(s): MATH 1650D; or both MATH 1600 and MATH 1610. Satisfies the Mathematics requirement of the University Core Curriculum.

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

CSCE 1030D - Computer Science I

4 hours (3;1). Introduction to Computer Science and Engineering, problem-solving techniques, algorithmic processes, software design and development. Prerequisite(s): Co-requisite of MATH 1650D.

Spring (15 hours)

TECM 2700D - Technical Writing

3 hours **TCCNS Number:** -2311

Expository writing, especially for science, pre-engineering and business students. May be substituted for ENGL 1320 in some programs; students should consult advisers in their majors

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1720D - Calculus II

3 hours **TCCNS Number:** -2414

Differentiation and integration of exponential, logarithmic and transcendental functions; integration techniques; indeterminate forms; improper integrals; area and arc length in polar coordinates; infinite series; power series; Taylor's theorem. Prerequisite(s): MATH 1710D. Satisfies the Mathematics requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

SOCI 1510D - Introduction to Sociology

3 hours **TCCNS Number:** (1301)

Social and cultural basis for human behavior; impact of societal groups and organizations on personal identity, feelings and actions; influence on the self in relation to the family, peer groups, social classes, religion and social institutions. Satisfies arts and sciences core social science requirements. Required of all sociology majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

Second Year

Fall (17 hours)

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411

(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

- General Elective

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

CHEM 1410D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1311

(3;0;1*) Fundamental concepts, states of matter, periodic table, structure and bonding, stoichiometry, oxidation and

reduction, solutions, and compounds of representative elements. Prerequisite(s): MATH 1100D or equivalent. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1430D - Laboratory Sequence for General Chemistry

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

Spring (17 hours)

MATH 2730D - Multivariable Calculus

3 hours **TCCNS Number:** (2315 or 2415).

Vectors and analytic geometry in 3-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates. Prerequisite(s): MATH 1720D.

MATH 3680D - Applied Statistics

3 hours Descriptive statistics, elements of probability, random variables, confidence intervals, hypothesis testing, regression, contingency tables. Prerequisite(s) : MATH 1710D and either credit for MATH 1720D or concurrent enrollment in MATH 1720D.

SPAN 1020D - Elementary Spanish

4 hours **TCCNS Number:** -1412

(4;1) . Grammar and phonetics; reading, composition and oral-aural practice. Prerequisite(s): SPAN 1010D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

BIOL 1710D - Principles of Biology I

3 hours **TCCNS Number:** -1306

(3;0;1) An integrated approach to cell and molecular biology with an emphasis on biological chemistry, cell structure and function, Mendelian and molecular genetics, evolutionary biology, and classification of microorganisms, plants and animals. Required for biology major. Course should be taken concurrently with BIOL 1730D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1730D - Principles of Biology I Laboratory

1 hour **TCCNS Number:** -1106

(0;3) Laboratory techniques for BIOL 1710D. Prerequisite(s): BIOL 1710D or 1711, should be taken concurrently. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

Third Year

Fall (15 hours)

MATH 2700D - Linear Algebra and Vector Geometry

3 hours **TCCNS Number:** -2318

Vector spaces over the real number field; applications to systems of linear equations and analytic geometry in \mathbb{R}^n , linear transformations, matrices, determinants and eigenvalues. Prerequisite(s): MATH 1720D.

MATH 3000D - Real Analysis I

3 hours Introduction to mathematical proofs through real analysis. Topics include sets, relations, types of proofs, continuity and topology of the real line. Prerequisite(s): MATH 1720D.

EDSE 3800D - Professional Issues in Teaching

3 hours An overview of American secondary education, including history, purposes, legal bases, school organization, education as a profession and analysis of characteristics required for professional success.

SPAN 2040D - Intermediate Spanish

3 hours **TCCNS Number:** -2311

Grammar, composition, oral-aural practice and readings. Prerequisite(s): SPAN 1020D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

- General Elective

Spring (18 hours)

MATH 3410D - Differential Equations I

3 hours First-order equations, existence-uniqueness theorem, linear equations, separation of variables, higher-order linear equations, systems of linear equations, series solutions and numerical solutions. Prerequisite(s): MATH 1720D and MATH 2700D.

MATH 3400D - Number Theory

3 hours Factorizations, congruencies, quadratic reciprocity, finite fields, quadratic forms, diophantine equations. Prerequisite(s): MATH 2510 or MATH 2770D.

MATH 3510D - Introduction to Abstract Algebra

3 hours Groups, rings, integral domains, polynomial rings and fields. Prerequisite(s): MATH 2510.

EDSE 3830D - Teaching/Learning Process and Evaluation

3 hours Examines the processes of learning and the phenomena of adolescent development as they relate to teaching in the secondary school. Prerequisite(s): Junior standing and admission to teacher education.

EDSE 4060D - Content Area Reading in Secondary Schools

3 hours (0;0;3) Provides an overview of the reading process with emphasis on reading to learn in the secondary school content areas. Course provides knowledge and skills for identifying reading problems, modifying instructional materials and processes, and using writing to promote learning and thinking in the content areas. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): Junior standing and admission to teacher education.

SPAN 2050D - Intermediate Spanish

3 hours **TCCNS Number:** -2312

Grammar, composition, oral-aural practice and readings. Prerequisite(s): SPAN 2040D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

Fourth Year

Fall (16 hours)

MATH 4050D - Advanced Study of the Secondary Mathematics Curriculum

3 hours Study of mathematical topics in the secondary curriculum from an advanced viewpoint. Discussion of the relationship between the secondary and collegiate curricula. Combinatorics. The Euclidean algorithm, congruence classes, and prime factorization. Modeling with differential equations. Conic sections. Pedagogical techniques. Prerequisite(s) : MATH 2100D and either MATH 3510D or MATH 3610D.

MATH 4060D - Foundations of Geometry

3 hours Selections from synthetic, analytic, projective, Euclidean and non-Euclidean geometry. Prerequisite(s): MATH 3000D or equivalent.

EDSE 4070D - Teaching Diverse Populations

3 hours (0;0;3) Provides knowledge and skills required for developing and implementing challenging instruction for students who are culturally different, students who receive special education services and students who are identified as gifted and talented. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): Junior standing and admission to teacher education.

EDSE 4840D - Instructional Strategies and Classroom Management

3 hours (0;0;3) This course is taken during the semester immediately preceding student teaching. It provides knowledge and skills required for organizing and directing various instructional strategies in the secondary classroom. Content includes teaching strategies, approaches to classroom management and discipline, student motivation, student and teacher assessment and evaluation, and the use of media and technology in the classroom. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): Junior

standing, admission to teacher education, and completion of or concurrent enrollment in all education coursework excluding student teaching.

BIOL 1720D - Principles of Biology II

3 hours **TCCNS Number:** -1307

(3;0;1) An integrated approach to the anatomical, physiological and functional aspects of nutrition, gas exchange, transport, reproduction, development, regulation, response and ecology of microorganisms, plants and animals. Required of all biology majors. Course should be taken concurrently with BIOL 1740D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1740D - Principles of Biology II Laboratory

1 hour **TCCNS Number:** (1107)

(0;3) Laboratory techniques for BIOL 1720D. Prerequisite(s): BIOL 1710D/BIOL 1730D or BIOL 1711/BIOL 1730D and credit for or concurrent enrollment in BIOL 1720D or BIOL 1722. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

or

CHEM 1420D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1312

(3;0;1*) Thermodynamics, reaction rates, equilibrium, electrochemistry, organic chemistry, polymers, radioactivity and nuclear reactions. Prerequisite(s): CHEM 1410D or CHEM 1413 or consent of department. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1440D - Laboratory Sequence for General Chemistry.

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

Spring (6 hours)

EDSE 4108D - Student Teaching in the Secondary School

3 hours Teaching under supervision. Prerequisite(s): EDSE 3800D, EDSE 3830D, EDSE 4060D, EDSE 4070D and EDSE 4840D, and senior standing. Required for those seeking secondary certification. See Student Teaching Program for details. Pass/no pass only.

EDSE 4118D - Student Teaching in the Secondary School

3 hours Teaching under supervision. Prerequisite(s): EDSE 3800D, EDSE 3830D, EDSE 4060D, EDSE 4070D and EDSE 4840D, and senior standing. Required for those seeking secondary certification. See Student Teaching Program for details. Pass/no pass only.

Note:

Any Mathematics course that is not a part of the Major requirement can be considered an elective

EDSE courses and their transfer equivalents or substitutes must be completed with a grade of C or better in order to advance to PDS I and II.

Mathematics, BA

Requirements for the Bachelor of Arts degree with a major in Mathematics include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Arts degree.
2. **Major Requirements:** 34 hours of mathematics courses which must include:
 - a. Mathematics Core (16 hours): MATH 1710D, MATH 1720D, MATH 2700D, MATH 2730D, MATH 3000D
 - b. At least one of MATH 3510D or MATH 3610D must be taken in satisfying other requirements
 - c. Depth Requirement (6 hours): One of the following areas:
 - Analysis: two of the following: MATH 3350D, MATH 3410D, MATH 3420D, MATH 3610D, MATH 3740D, MATH 4100D, MATH 4200D, MATH 4520D
 - Algebra: two of the following: MATH 3400D, MATH 3510D, MATH 3520D, MATH 4430D, MATH 4450D
 - Probability/Statistics: two of the following: MATH 3680D, MATH 4610D, MATH 4650D
 - Geometry/Topology: two of the following: MATH 3740D, MATH 4060D, MATH 4500D
 - d. Breadth Requirement (9 hours): One course in each of these areas not used to satisfy the depth requirements
 - e. Mathematics elective (3 hours): One additional upper level mathematics course numbered 3350D or higher
3. **Other Course Requirements:**
 - a. Three laboratory science courses intended for science majors are required
 - Students double majoring in mathematics and another discipline (typically biology, chemistry, physics, or engineering) that requires at least 12 hours of laboratory science intended for science and engineering majors may use these same laboratory science courses that satisfy the requirements for the other major to satisfy the laboratory science requirement for the mathematics major
 - b. Proficiency in a foreign language equivalent to 2050D is required. Students intending to pursue a graduate degree in mathematics are encouraged to study French, German, or Russian
4. **Computer Programming:** CSCE 1030D is required
5. **GPA:** Students must achieve at least a 2.0 GPA in all mathematics courses numbered 3350D or above
6. **Minor Requirements:** One of the following is required:
 - a. A minor of at least 18 hours (6 advanced). A minor in statistics does not fulfill this requirement
 - b. Completion of a second major in addition to mathematics

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

** Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

{} Denotes "double-dip" courses which count for both core and major.

UL Denotes Upper Level Course

First Year

Fall (17 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

MATH 1710D - Calculus I

4 hours **TCCNS Number:** -2413

Limits and continuity, derivatives and integrals; differentiation and integration of polynomial, rational, trigonometric, and algebraic functions; applications, including slope, velocity, extrema, area, volume and work. Prerequisite(s): MATH 1650D; or both MATH 1600 and MATH 1610. Satisfies the Mathematics requirement of the University Core Curriculum.

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

CSCE 1030D - Computer Science I

4 hours (3;1). Introduction to Computer Science and Engineering, problem-solving techniques, algorithmic processes, software design and development. Prerequisite(s): Co-requisite of MATH 1650D.

Spring (15 hours)

TECM 2700D - Technical Writing

3 hours **TCCNS Number:** -2311

Expository writing, especially for science, pre-engineering and business students. May be substituted for ENGL 1320 in some programs; students should consult advisers in their majors

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1720D - Calculus II

3 hours **TCCNS Number:** -2414

Differentiation and integration of exponential, logarithmic and transcendental functions; integration techniques; indeterminate forms; improper integrals; area and arc length in polar coordinates; infinite series; power series; Taylor's theorem. Prerequisite(s): MATH 1710D. Satisfies the Mathematics requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

ECON 1100D - Principles of Microeconomics

3 hours **TCCNS Number:** -2302

Business organization and market economy; theory of the firm; techniques of economic analysis in current economic problems; comparative economic systems. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

Second Year

Fall (17 hours)

SPAN 1010D - Elementary Spanish

4 hours **TCCNS Number:** -1411

(4;1). Grammar and phonetics; reading, composition and oral-aural practice. Satisfies the Communication requirement of the University Core Curriculum.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332

3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

MATH 3000D - Real Analysis I

3 hours Introduction to mathematical proofs through real analysis. Topics include sets, relations, types of proofs, continuity and topology of the real line. Prerequisite(s): MATH 1720D.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

CHEM 1410D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1311
(3;0;1*) Fundamental concepts, states of matter, periodic table, structure and bonding, stoichiometry, oxidation and reduction, solutions, and compounds of representative elements. Prerequisite(s): MATH 1100D or equivalent. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1430D - Laboratory Sequence for General Chemistry

1 hour **TCCNS Number:** -1111
(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

Spring (17 hours)

SPAN 1020D - Elementary Spanish

4 hours **TCCNS Number:** -1412
(4;1) . Grammar and phonetics; reading, composition and oral-aural practice. Prerequisite(s): SPAN 1010D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

- Depth Requirement

MATH 2730D - Multivariable Calculus

3 hours **TCCNS Number:** (2315 or 2415).
Vectors and analytic geometry in 3-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates. Prerequisite(s): MATH 1720D.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

BIOL 1710D - Principles of Biology I

3 hours **TCCNS Number:** -1306
(3;0;1) An integrated approach to cell and molecular biology with an emphasis on biological chemistry, cell structure and function, Mendelian and molecular genetics, evolutionary biology, and classification of microorganisms, plants and animals. Required for biology major. Course should be taken concurrently with BIOL 1730D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1730D - Principles of Biology I Laboratory

1 hour **TCCNS Number:** -1106

(0;3) Laboratory techniques for BIOL 1710D. Prerequisite(s): BIOL 1710D or 1711, should be taken concurrently. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

Third Year

Fall (14 hours)

MATH 2700D - Linear Algebra and Vector Geometry

3 hours **TCCNS Number:** -2318

Vector spaces over the real number field; applications to systems of linear equations and analytic geometry in En, linear transformations, matrices, determinants and eigenvalues. Prerequisite(s): MATH 1720D.

- Minor

SPAN 2040D - Intermediate Spanish

3 hours **TCCNS Number:** -2311

Grammar, composition, oral-aural practice and readings. Prerequisite(s): SPAN 1020D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

- General Elective

Spring (15 hours)

- Depth Requirement
- Breadth Requirement
- Minor
- Minor

SPAN 2050D - Intermediate Spanish

3 hours **TCCNS Number:** -2312

Grammar, composition, oral-aural practice and readings. Prerequisite(s): SPAN 2040D or equivalent. Satisfies the Communication requirement of the University Core Curriculum.

Fourth Year

Fall (13 hours)

- Breadth Requirement
- Minor
- Minor UL

BIOL 1720D - Principles of Biology II

3 hours **TCCNS Number:** -1307

(3;0;1) An integrated approach to the anatomical, physiological and functional aspects of nutrition, gas exchange,

transport, reproduction, development, regulation, response and ecology of microorganisms, plants and animals. Required of all biology majors. Course should be taken concurrently with BIOL 1740D. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

BIOL 1740D - Principles of Biology II Laboratory

1 hour **TCCNS Number:** (1107)

(0;3) Laboratory techniques for BIOL 1720D. Prerequisite(s): BIOL 1710D/BIOL 1730D or BIOL 1711/BIOL 1730D and credit for or concurrent enrollment in BIOL 1720D or BIOL 1722. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

or

CHEM 1420D - General Chemistry for Science Majors

3 hours **TCCNS Number:** -1312

(3;0;1*) Thermodynamics, reaction rates, equilibrium, electrochemistry, organic chemistry, polymers, radioactivity and nuclear reactions. Prerequisite(s): CHEM 1410D or CHEM 1413 or consent of department. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. *This hour is a problem-solving session.

CHEM 1440D - Laboratory Sequence for General Chemistry.

1 hour **TCCNS Number:** -1111

(1;3) Laboratory techniques, weighing, errors and significant figures, identification and purification of substances, and elementary quantitative analysis. Corequisite(s): CHEM 1410D or CHEM 1412 or CHEM 1413 (may be taken concurrently). May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum. Should be taken concurrently with CHEM 1410D or CHEM 1412 or CHEM 1413 and CHEM 1420D or CHEM 1422 or CHEM 1423.

Spring (12 hours)

- Breadth Requirement
- Minor UL
- Math Elective UL
- Capstone Course

Psychology, BA

This undergraduate program introduces students to the science and profession of psychology. Culminating in a Bachelor of Arts degree in Psychology, this is a program for students interested in such career areas as human services, public relations, correctional institutions, rehabilitation facilities, program development, and research.

Program Advisor: Mario Casa De Calvo, Ph.D.

Mario.Casadecalvo@untDallas.edu

Requirements for the Bachelor of Arts degree with a major in Psychology include the following:

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.

2. Major Requirements: 39 hours in Psychology, of which 30 must be advanced:

a. **Psychology Core Curriculum (18 hours):** PSYC 1630D, 3100D, 3200D, 3210D, 4600D, 4040D.

Note: Students must receive a C or better in the Psychology core curriculum classes.

b. **21 additional hours in Psychology**

3. Minor Requirements: A minor requires at least 18 hours in a given subject, including 6 hours of advanced work. Specific course sequences for a minor are determined by the department offering the minor. A minor is not required but is an option.

- **Sociology Minor:** SOCI 1510D (3 hours); SOCI any level (9 hours); SOCI 3XXX or 4XXX (6 hours)

- **Electives: 39 hours**

4. UNT Dallas Degree Requirements

- 120 hours (minimum) required for degree completion
- Residency Requirements-At least 30 hours must be completed at UNT Dallas
- 42 Advanced Hours (3XXX or 4XXX)-12 advanced hours must be completed at UNT Dallas
- UNT GPA 2.0 or higher required
- Cumulative GPA 2.0 or higher required
- Major GPA 2.5 or higher required

Core Curriculum - 42 Hours

Core Requirements	Course Recommended	Hours
Communication 1 <i>*Grade of C or better required</i>	ENGL 1313D - Computer Assisted College Writing I	3
Communication 2 <i>*Grade of C or better required</i>	ENGL 1323D - Computer Assisted College Writing II	3
Mathematics	Choose from: MATH 1581D, MATH 1681D, or DSCI 2710D	4
Life & Physical Sciences 1	Choose from: BIOL 1132D, CHEM 1360D, or GEOG 1710D	3
Life & Physical Sciences 2	Choose from: BIOL 1132D, CHEM 1360D, or GEOG 1710D	3
Language, Philosophy, & Culture	Choose from: ENGL 2220D or LING 2050D	3
Creative Arts	ART 1300D - Art Appreciation for non-art majors	3
American History 1	HIST 2610D - United States History to 1865	3
American History 2	HIST 2620D - United States History Since 1865	3
Government & Political Science 1	PSCI 1040D - American Government: Laws and Institutions	3

Government & Political Science 2	PSCI 1050D - American Government: Process and Policies	3
*Social & Behavioral Science <i>Double dips in Major Psychology Core</i>	PSYC 1630D - General Psychology I <i>(Fulfilled by major req.)</i>	3
Component Area 1	Choose from: BUSI 1340D, CJUS 2100D, 2600D, COMM 1010D, DFST 2033D, or PSYC 2070D	3
Component Area 2	(*Same as above)	3

Major Curriculum Requirements - 39 Hours

**Must maintain a Major GPA of 2.5 or better*

Course	Hours
*PSYC 1630D - General Psychology I <i>*Prerequisite course must be completed prior to enrolling in ALL Psychology courses</i>	3
PSYC 4600D - History and Systems <i>*Prerequisite PSYC 1630D C or better</i>	3
PSYC 3200D - Research Methods <i>*Prerequisite PSYC 1630D C or better and Junior Standing</i>	3
PSYC 3100D - Social Psychology <i>*Prerequisite PSYC 1630D C or better</i>	3
PSYC 3210D - Statistics in Psychology <i>*Prerequisite PSYC 3200D with C or better</i>	3
PSYC 4040D - Advanced Seminar in Psychology (Capstone) <i>(Enroll during your final semester)</i> <i>*Prerequisite grade of C or better in PSYC 1630D, 3200D, 3210D, 4600D</i>	3
Psychology Electives	Hours
PSYC 3XXXD or 4XXXD <i>*Any PSYC Advanced Hours course - Prerequisites may exist; please see catalog</i>	3
PSYC 3XXXD or 4XXXD <i>*Any PSYC Advanced Hours course - Prerequisites may exist; please see catalog</i>	3
PSYC 3XXXD or 4XXXD <i>*Any PSYC Advanced Hours course - Prerequisites may exist; please see catalog</i>	3

PSYC 3XXXD or 4XXXD <i>*Any PSYC Advanced Hours course - Prerequisites may exist; please see catalog</i>	3
PSYC 3XXXD or 4XXXD <i>*Any PSYC Advanced Hours course - Prerequisites may exist; please see catalog</i>	3
PSYC Any Level	3
PSYC Any Level	3

Electives/Minor/Certificate Requirements - 39 Hours

**Please note neither a Minor nor Certificate are required - but are strongly recommended*

Course	Hours
Minor, Certificate or General Elective 3XXXD or 4XXXD <i>* Prerequisites may exist; please see catalog</i>	3
Minor, Certificate or General Elective 3XXXD or 4XXXD <i>* Prerequisites may exist; please see catalog</i>	3
Minor, Certificate or General Elective 3XXXD or 4XXXD <i>* Prerequisites may exist; please see catalog</i>	3
Minor, Certificate or General Elective 3XXXD or 4XXXD <i>* Prerequisites may exist; please see catalog</i>	3
Minor, Certificate or General Elective	3
Minor, Certificate or General Elective	3
Minor, Certificate or General Elective	3
Minor, Certificate or General Elective	3
Minor, Certificate or General Elective	3
Minor, Certificate or General Elective	3
Minor, Certificate or General Elective	3
Minor, Certificate or General Elective	3
Minor, Certificate or General Elective	3

UNT Dallas Degree Requirements:

Requirement
120 hours (minimum) required for degree completion

Residency Requirement - At least 30 hours must be completed at UNT Dallas
42 Advanced Hours (3XXX or 4XXX) - 12 advanced hours must be completed at UNT Dallas
UNT GPA 2.0 or higher required
Cumulative GPA 2.0 or higher required
Psychology GPA 2.5 or higher required

Sociology, BA

Requirements for the Bachelor of Arts degree with a major in Sociology include the following:

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.
2. **Major Requirements:** 39 hours in sociology, of which 30 must be advanced
 - a. **Sociology Core Curriculum (18 hours):** SOCI 1510D, SOCI 3200D, SOCI 3220D, SOCI 3240D, SOCI 3280D, SOCI 4990D. Note: Students must receive a "C" or better in sociology core curriculum classes
 - b. **21 additional hours in sociology**
3. **Minor Requirements:** A minor requires at least 18 hours in a given subject, including 6 hours of advanced work. Specific course sequences for a minor are determined by the department offering the minor. A minor is not required BUT recommended in Psychology
 - o **Psychology:**
 - PSYC 1630D - General Psychology I
 - PSYC 1650D - General Psychology II
 - PSYC 2580D - Health Psychology
 - PSYC 3480D - Adult Development and Aging
 - PSYC 3620D - Developmental Psychology
 - PSYC 4610D - Abnormal Psychology
4. **Electives:** 27 hours with a minor or 45 hours without a minor
5. **Other Requirements:**
 - o Students must have a cumulative UNTD grade point average or transfer grade point average of 2.3 to declare sociology as a major
 - o Minimum sociology grade point average of 2.5 and a grade point average of 2.0 overall is required for graduation
 - o 31 hour residence requirement

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective to be taken only if needed; please see your advisor for options.

{ } Denotes "double-dip" courses which count for both core and major

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

SOCI 1510D - Introduction to Sociology

3 hours **TCCNS Number:** (1301)

Social and cultural basis for human behavior; impact of societal groups and organizations on personal identity, feelings and actions; influence on the self in relation to the family, peer groups, social classes, religion and social institutions. Satisfies arts and sciences core social science requirements. Required of all sociology majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

- Minor Course

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory. Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)

(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

- General Elective
- Minor Course

Second Year

Fall (15 hours)

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301

From colonial origins through the Civil War.

MATH 1680D - Elementary Probability and Statistics

3 hours **TCCNS Number:** (1342 or 2342)

An introductory course to serve students of any field who want to apply statistical inference. Descriptive statistics, elementary probability, estimation, hypothesis testing and small samples. Students may not receive credit for both MATH 1680 and MATH 1681. Prerequisite(s): Two years of high school algebra and one year of high school geometry and consent of department, or MATH 1010D with grade of C or better. Satisfies the Mathematics requirement of the University Core Curriculum.

- General Elective
- General Elective

Spring (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

ENGL 2220D - Masterpieces of world literature since the Renaissance

3 hours **TCCNS Number:** -2333

Prerequisite(s): three semester hours of freshman-level English or equivalent credit. Satisfies the Humanities requirement of the University Core Curriculum.

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302

From the Civil War to the present.

- Minor Course
- General Elective

Third Year

Fall (15 hours)

SOCI 3220D - Quantitative Data Collection

3 hours Principles and procedures, sources of data, techniques of collection and analysis of quantitative data. Focus on survey research, secondary data analysis and other quantitative methods. Prerequisite(s) : advanced (junior or senior) standing; SOCI 1510D. Required of all sociology majors.

SOCI 3200D - Sociological Theory

3 hours Survey of development of sociological theory; emphasizes nature and types of contemporary theory.

Prerequisite(s): SOCI 1510D or equivalent. Required of all sociology majors.

- SOCI Elective (UL)
- Minor Course
- General Elective (UL)

Spring (15 hours)

SOCI 3280D - Quantitative Methods of Social Research

3 hours Role of quantitative methods in social research; application of quantitative techniques and procedures to social data, statistical inference; data processing. Prerequisite(s): SOCI 3220D or equivalent. Required of all sociology majors. Restricted to Sociology majors only.

SOCI 3240D - Qualitative Data Collection

3 hours Principles and procedures, sources of data, techniques of collection and analysis of qualitative data. Focus on how Sociologists use face to face interviewing, participant observation, focus groups and other qualitative methods.

Prerequisite(s) : advanced (junior or senior) standing; SOCI 1510D. Required of all sociology majors.

- SOCI Elective (UL)
- Minor Course
- General Elective (UL)

Fourth Year

Fall (15 hours)

- SOCI Elective
- SOCI Elective (UL)
- SOCI Elective (UL)
- General Elective (UL)
- Minor Course (UL)

Spring (15 hours)

SOCI 4990D - Sociology Capstone

3 hours Senior Sociology majors use their skills and knowledge to develop data driven senior theses that integrate core sociological concepts, theory and methods. Students are required to find an applied sociology application in their projects. Prerequisite(s) : "C" or better in SOCI 3200D, SOCI 3220D, SOCI 3240D and SOCI 3280D. Required of all sociology majors. Senior level Sociology majors only.

- SOCI Elective
- SOCI Elective (UL)
- General Elective
- General Elective

Bachelor of Science

Criminal Justice, BS

Requirements for the Bachelor of Science degree with a major in Criminal Justice include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be at the 3000 level or above (advanced), and fulfillment of degree requirements for the Bachelor of Science degree.
2. **Major Requirements:** 54 hours, including 48 hours in criminal justice and 15 hours of advanced criminal justice elective courses.
3. **Minor Requirements:** A minor requires completion of 18 hours in Criminal Justice, including:
 - a. CJUS 2100D - Crime and Justice in the United States
 - b. CJUS 3201D - Criminal Law
 - c. CJUS 3600D - Criminology
 - d. 9 hours of Criminal Justice courses
4. **Supporting Course Requirements:**
 - SOCI 1510D - Introduction to Sociology
 - TECM 2700D - Technical Writing
 - BCIS 2610D - Introduction to Computers in Business
 - PSYC 1630D - General Psychology I
5. **Other Requirements:** Students who have courses that "double-dip," which count for both core and major, may be required to take additional electives to meet the 120 semester hour requirement
6. **GPA Requirements:** All students entering the Criminal Justice program must have a cumulative grade point average of at least 2.0 or otherwise be in good academic standing.

Suggested Academic Plan

This is a suggested academic plan for full-time students. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

**Denotes classes that satisfy a requirement where there may be other class choices available, please see your advisor for full course list.*

^ Denotes general Elective to be taken only if needed; please see your advisor for options.

{ } Denotes "double-dip" courses which count for both core and major

First Year

Fall (15 hours)

ENGL 1313D - Computer Assisted College Writing I

3 hours Writing as a means of critical thinking, with emphasis on the process of perfecting the essay through the writing of several drafts in the English computer classroom. No computer experience required. May be substituted for ENGL 1310D.

PSCI 1040D - American Government: Laws and Institutions

3 hours **TCCNS Number:** (GOVT 2301)

U.S. and Texas constitutions, federalism, local government, institutions, civil rights and civil liberties. Satisfies legislative requirement of a course emphasizing U.S. and Texas constitutions. PSCI 1040 must be taken to satisfy the requirement of a course emphasizing U.S. and Texas constitutions.

SOCI 1510D - Introduction to Sociology

3 hours **TCCNS Number:** (1301)

Social and cultural basis for human behavior; impact of societal groups and organizations on personal identity, feelings and actions; influence on the self in relation to the family, peer groups, social classes, religion and social institutions. Satisfies arts and sciences core social science requirements. Required of all sociology majors. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

ART 1300D - Art Appreciation for non-art majors

3 hours **TCCNS Number:** (ARTS 1301)

Introduction to basic concepts and vocabularies of the visual arts worldwide, designed to expand aesthetic growth and involvement with the visual world. For non-art majors only. Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.

BCIS 2610D - Introduction to Computers in Business

3 hours **TCCNS Number:** (BCIS 1301, 1305, 1401 or 1405 or COSC 1301)

A study of the introductory concepts of computing in business; basic computer components, computer history and programming. Prerequisite(s): MATH 1100D.

Spring (15 hours)

ENGL 1323D - Computer Assisted College Writing II

3 hours Continuation of ENGL 1313D. Study of the relationship between writing and research. Emphasis on the process of perfecting the essay through the writing of several drafts in the freshman computer laboratory.

Prerequisite(s): ENGL 1313D or equivalent. May be substituted for ENGL 1320.

PSCI 1050D - American Government: Process and Policies

3 hours **TCCNS Number:** (GOVT 2302)

Political parties, elections, interest groups, mass media, public opinion and public policy. PSCI 1050 or PSCI 1060D fulfills the remaining 3 hours of the legislative requirement for 6 hours of government.

MATH 1100D - College Algebra

3 hours Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms. Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses. Satisfies the Mathematics requirement of the University Core Curriculum.

CHEM 1360D - Context of Chemistry

3 hours Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. Includes laboratory. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

CJUS 2100D - Crime and Justice in the United States

3 hours **TCCNS Number:** (CRIJ 1301)

This course examines the societal responses to people and organizations that violate criminal codes; discusses the history, development, organization and philosophy of the justice process; and analyzes the complex inter-relationships between the major components of the criminal justice system (police, courts and corrections). Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum. (Same as SOCI 2100D.)

Second Year

Fall (15 hours)

BIOL 1132D - Environmental Science

3 hours (3;2) Interdisciplinary approach to understanding basic concepts in environmental science including critical scientific thought, biodiversity, resource management, pollution, global climate change, resource consumption and population growth. Emphasis on how these concepts affect and are affected by human society. Includes laboratory. May not be counted towards a major or minor in biology. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

HIST 2610D - United States History to 1865

3 hours **TCCNS Number:** -1301
From colonial origins through the Civil War.

COMM 1010D - Introduction to Communication

3 hours **TCCNS Number:** (SPCH 1311)
(1;0;2) Examination of how communication principles and skills influence our understanding of current social problems such as global climate crisis, health care, and poverty. Focus on communication and community engagement includes experiential learning with community partners. Oral communication skills and collaborative group building skills are emphasized. Satisfies the Communication requirement of the University Core Curriculum.

ENGL 2210D - Masterpieces of world literature from the Ancients Through the Early Renaissance

3 hours **TCCNS Number:** -2332
3 hours **TCCNS Number:** (2332) Prerequisite(s): three semester hours of freshman-level English or equivalent credit.

CJUS 2600D - Diversity Issues in Criminal Justice

3 hours Critically examines race, gender and other diversity issues within the U.S. criminal justice system. Topics of emphasis include the importance of diversity issues in the development, organization and operation of the criminal justice system. Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.

Spring (15 hours)

TECM 2700D - Technical Writing

3 hours **TCCNS Number:** -2311
Expository writing, especially for science, pre-engineering and business students. May be substituted for ENGL 1320 in some programs; students should consult advisers in their majors

HIST 2620D - United States History Since 1865

3 hours **TCCNS Number:** -1302
From the Civil War to the present.

CJUS 3201D - Criminal Law

3 hours This course examines general and statutory bases and theories of criminal law and jurisprudence.
Prerequisite(s): CJUS 2100D or equivalent.

PSYC 1630D - General Psychology I

3 hours Nature of psychology with emphases on the study of personality development, decision making, reactions to frustration, mental health, and how the individual interacts with and is influenced by others. Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.

CJUS 3300D - Police Systems

3 hours This course focuses on the role and function of police in contemporary society, the problems arising between citizens and police from the enforcement of laws, the limitations of police in a democratic society and the methodologies used by the police to be a more effective component of the justice system. Prerequisite(s): CJUS 2100D or equivalent.

Third Year

Fall (15 hours)

CJUS 3400D - Correctional Systems

3 hours This course focuses on prisons and jails. It examines the goals and history of punishment; the death penalty; the composition and social organization of jail and prison populations; bail, detention, sentencing and classification; institutional management and the conflicts between rehabilitation and punishment. Prerequisite(s): CJUS 2100D or equivalent. (Same as SOCI 3460D.)

CJUS 3700D - Ethical Issues in Criminal Justice

3 hours A study of ethical issues facing the criminal justice system. Problems confronting police, the courts and the juvenile and correctional systems are addressed. Prerequisite(s): CJUS 2100D or equivalent.

- CJUS Elective
- General Elective
- General Elective

Spring (15 hours)

CJUS 3600D - Criminology

3 hours This course provides an overview of the major criminological perspectives and an examination of the social, political and intellectual milieu within which each developed. The course focuses on the multi-disciplinary nature of criminological thought. Prerequisite(s): SOCI 1510D, PSYC 1630D and CJUS 2100D or equivalents.

CJUS 4200D - Criminal Procedure

3 hours An examination of the constitutional and statutory bases and judicial interpretations of the procedures governing the administration of criminal justice. Prerequisite(s): CJUS 2100D and CJUS 3201D or equivalents

- CJUS Elective
- General Elective
- General Elective

Fourth Year

Fall (15 hours)

CJUS 4700D - Research Methods in Criminal Justice

3 hours Examines research methodology in criminal justice. Special emphasis is placed on methods and techniques for conducting research in criminal justice, including the relationship between theory and research, the nature of causation,

research designs and techniques, conceptualization and measurement, operationalization, sampling, and ethical issues. Prerequisite(s): senior standing and a minimum of 18 hours in criminal justice, with 12 hours from the criminal justice core.

CJUS 4500D - Administration of Criminal Justice Agencies

3 hours The study of principles and practices of administration and their application to criminal justice agencies. Special focus on the relationship of theoretical administrative concepts and practical criminal justice problems. Prerequisite(s): CJUS 2100D and 9 hours of upper-division criminal justice courses or equivalents.

- CJUS Elective
- General Elective
- General Elective

Spring (15 hours)

CJUS 4901D - Senior Seminar: Criminal Justice and Public Policy

3 hours The examination of the problems and issues involved in forming and implementing criminal justice policy in the United States. This course represents the final capstone experience for the student. Prerequisite(s): senior standing and at least 18 hours of criminal justice, with 12 hours from the criminal justice core.

- CJUS Elective
- CJUS Elective
- General Elective
- General Elective