Department of Computer Science and Engineering

Graduate Handbook
for M.S. and Ph.D. students in Computer Science and Engineering

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Introduction

The Department of Computer Science and Engineering provides high quality educational programs by maintaining a balance between theoretical and experimental aspects of computer science, as well as a balance between software and hardware issues by providing curricula that serves our communities locally and globally.

The Department of Computer Science and Engineering at the University of North Texas offers a Ph.D. degree in Computer Science and Engineering, a Master's degree in Computer Engineering, a Master's degree in Computer Science, and a Master's degree in Cybersecurity, a Master's degree in Artificial Intelligence, and a Master's degree in Data Engineering. We also have a Professional Master of Science in Computer Science offered partly at our Frisco Campus. All of our M.S. programs are STEM-designated.

Admission Procedures

Applicants apply for admission through the procedures outlined at Toulouse Graduate School (tgs.unt.edu)

Requirements for Admission -All students applying for graduate study, Master's or PhD, must take the GRE. GRE requirements are based on statistics for all GRE scores of students interested in graduate study in Computer Science and Engineering, as released by ETS (the Educational Testing Service). These requirements change as new figures are released by ETS. In addition, international applicants who do not have a previous degree from a U.S. institution must take the TOEFL or IELTS exam. It is the student's responsibility to have official scores sent from ETS to the University of North Texas and these scores must be received prior to the deadlines in order to be considered for admission that semester.

*To submit your supplemental documents, go to (https://engineering.unt.edu/admissions/graduate) click on the 'STEPS TO APPLY' dropdown, and, under item #5, click on the link to 'submit your supplemental documents to the department online' by logging in with your EUID and password.

TYPICAL SCORES FOR SUCCESSFUL APPLICANTS			
	Master's Applicants:	PMCS – UNT Frisco Master's Applicants:	PhD Applicants:
GRE (Please see next page for possible waivers.)	Verbal - 148 - 36% Quantitative - 155 - 61% Analytical - 3.5	Relevant work experience may be accepted in lieu of GRE.	Verbal - 151 - 49% Quantitative - 156 - 65% Analytical - 4.5
TOEFL (International Students only)	79 - ibt	79 - ibt	83 - ibt
IELTS (International Students only)	6.0 or better	6.0 or better	6.5 or better
GPA	3.0 in prior work	3.0 in prior work	3.5 in prior work
Letters of Recommendation	Cybersecurity - Optional	*2 Required	*3 Required
Statement of Purpose	Cybersecurity - Optional	None Required	*Required
Letter of support from company	None Required	*Required	None Required
Resume	Only for Cybersecurity and Data Engineering Applicants	*Required	None Required
Essay - defining your career goals	None Required	*Required	None Required
Professional and/or industrial experience	Only for Cybersecurity and Data Engineering Applicants	Required - 5 years	None Required

A prior Computer Science & Engineering degree is not required for admission to the Master program, but the admissions committee will look for evidence that the applicant has a good chance of thriving in a scientific graduate program. Below is an example of the expected background for each of our programs:

- Computer Engineering MS Applicants, the completion of the equivalents of the following UNT undergraduate courses, CSCE 2100-2110 Computing Foundations I-II; CSCE 3612 Embedded Systems Design; CSCE 3730 Reconfigurable Logic; and EENG 3510 Electronics I will be expected).
- Computer Science MS applicants, the completion of the equivalents of UNT undergraduate courses CSCE 2100-2110 Computing Foundations I-II; CSCE 2610 Computer Organization; CSCE 3110 Data Structures and Algorithms and EENG 2710 Digital Logic Design Techniques will be required.
- Cybersecurity MS applicants, the completion of the equivalents of UNT undergraduate courses CSCE 1030/1035, CSCE 1040/1045, CSCE 2110, and CSCE 3600 may be required. The needed leveling courses will be determined by the committee and will be assigned on a case-by-case basis.
- Professional Master of Science/Frisco Applicants: the completion of the equivalents of the following UNT undergraduate courses, CSCE 1030 Computer Science I; CSCE 1040 Computer Science II; CSCE 2100- 2110 Computing Foundations I-II; CSCE 2610 Computer Organization; and CSCE 3110 Data Structures and Algorithms will be required
- PhD Applicants: A prior Computer Science & Engineering degree, or substantial Computer Science & Engineering experience is required.

<u>Change of Major-</u> The Toulouse Graduate School will process a student's Change of Major request to the new department without admission test scores [GRE, GMAT…etc.] on file however it is solely up to the new department to admit with or without scores to their program. Consult the current issue of the UNT Graduate Catalog concerning deadlines for changing majors. Students must be in good academic standing to submit a change of major request. Students on academic probation/suspension may not request a change of major.

<u>Note-</u> A change in program from our Computer Science Master's program to our Computer Science with concentrations in Professional Master of Science in Cybersecurity or Data Science, MS will not be approved by the CSE Graduate Committee. If you wish to make a change in program to any other program, it is permissible after you have completed one long semester in your initial program.

Change of Major Form: https://tgs.unt.edu/webform/change-major

Department Supplemental Documents:

- Letter of Recommendation
- Statement of Purpose
- Resume/ CV

These documents will be submitted through the college of Engineering's website: Graduate Admissions | College of Engineering (unt.edu)

<u>Transfer Credits</u>- For any courses to request transfer credit evaluation, the course must be graduate level courses and the student must have made a grade of A or B in the class. If the courses were not graded on the standard U.S. scale of A-F, then the student must justify that the grade is indeed equivalent to an A or B. Any courses that are not Computer Sciences must be transferred as a minor, and so must satisfy the requirements for a minor given below. Information on the course content must be supplied with the request for transfer. If the course is roughly equivalent to a class offered at UNT, then transfer credit will be granted only if the equivalent UNT course is not taken and counted on the student's degree plan. Please note that at most 6 hours of credit may be transferred in the thesis option for a Master's, and a maximum of 9 hours of credit may be transferred in the project or coursework options.

- A Ph. D. student who enters the program with an M.S. degree in Computer Science or Computer Engineering is required to complete 42 hours (30 hours of coursework and 12 hours of dissertation). However, a Ph. D. student who enters the program without an M.S. degree in Computer Science or Computer Engineering is required to complete 30 additional hours of CSE coursework. For students required to complete 30 additional hours of CSE coursework may submit previous CSE Graduate level course work for review.

- If a course is approved as being equivalent to a UNT CSE course, those course hours may count toward the 30 additional hours.

  Course Equivalency Form: [Microsoft Word - Course Equivalency Request Form.docx (unt.edu)](unt.edu)

Minor Approval- Departmental policy (as given in the UNT Catalog and our departmental handout for graduate students) states that minors must be pre-approved and must be closely related to the student's Computer Sciences work and objectives. The degree of relation to Computer Sciences will be considered. Keep in mind that hours in a minor take away hours of Computer Science work, and if the minor is only marginally related to Computer Science (or involves little computational content) then more than 6 hours in the minor will not be approved.

Minors must be approved by both the graduate coordinator in the Computer Sciences department, and by an official (graduate coordinator or department chair) in the appropriate minor department here at UNT. The University requires that all courses in a minor must be from a single area, which means that all course designations must have the same prefix. If at all possible, minors should be approved before the courses for the minor are taken. If this is not possible, for example if the minor involves courses taken previously at another university, then the minor should be approved at the earliest possible time.

Deficiency Wavier/ Course Transfer Document: [KM_C654e-20160420120338 (unt.edu)](unt.edu)

Residency Requirement- Every candidate for the doctoral degree must complete the appropriate residence requirement at UNT as prescribed by the individual departments and schools. The minimum residence requirement consists of two consecutive long terms/semesters at UNT of nine (9) hours each or six (6) hours for the three (3) consecutive terms.

Admission Process- Once all application materials are received the application moves into departmental review where a decision will be made. All updates to admission status will be uploaded to the My Unt student portal and can not be given out directly by the department's office.

Graduate Program Timelines

Typical Sequence for M.S. Students (Thesis Option)

First Year	First semester:
	Work with graduate advisor to selectcourses based on concentration for first semester
	Second semester:
	1. File Degree Plan-Choose major professor and select master's thesis committee
Second Year Second Year (Continued)	Third semester of degree:
	1. Submit conference paper
	2. Submit journal paper
	3. Begin writing thesis
	Fourth semester:
	1. File for graduation
	2. Complete the thesis and submit to thesis committee forreview 2 weeks before defense date
	3. Present department seminar
	4. Publish abstract and defense announcement 1 week ahead of defense date

Typical Sequence for M.S. Students (Non-Thesis Option)

First Year	First semester:
	Work with graduate advisor to selectcourses based on concentration for first semester
	Second semester:
	1. Choose professor(s) to do directed study course-work with.

	2. Work with graduate advisor to complete degree plan
	3. File Degree Plan
Second Year	Third semester of degree:
	1. Continue course-work
	Fourth semester:
	1. File for graduation
	2. Complete coursework

PhD Milestone Chart - Time to Completion

	Committee Appointment	Degree Plan	Qualifying Oral Exam	Topic Proposal	
Completion	18 schs	18 schs	18 schs	36 schs	w/Master's
Expectation	36 schs	18 schs	39 schs	60 schs	w/o MS

Ph.D. Milestones

Ph. D. students entering with an M. S. degree in computer engineering or computer science are expected to have completed their Qualifying Exam by the end of their first year and 30 semester hours by the end of their second year. They should then complete the remaining 12 semester hours and graduate by the end of their fourth year. Individual students may be able to complete requirements more quickly.

Ph. D. students entering without an M. S. degree in computer engineering or computer science are expected to have completed their Qualifying Exam by the end of their second year and 60 semester hours by the end of their third year. They should then complete the remaining 12 semester hours and graduate by the end of their fifth year. Individual students may be able to complete requirements more quickly

(More information: The University of North Texas (unt.edu))

Graduate Curriculum

Computer Science

Students are able to explore the computer science interest areas of Algorithms and Theory, Computational Systems, Computer Networking and Security, Computer Systems, Database Management and Data Mining, Game Programming, Intelligent Systems, and Software Engineering.

Curriculum and requirements: Microsoft Word - 07-31-2020 CSCI Handout Holistic.doc (unt.edu)

Computer Science Interest Areas

Algorithms and Theory: [Microsoft Word - Interest in Algorithms & Theory.docx (unt.edu)](#)

Computational Science: [Microsoft Word - Interest in Computational Science.docx (unt.edu)](#)

Computer Networking and Security: [Microsoft Word - Interest in Computer Networking and Security.docx (unt.edu)](#)

Computer Systems-CSCI: [Microsoft Word - Interest in Computer Systems.docx (unt.edu)](#)

Database management and Data Mining: [Microsoft Word - Interest in Database Management and Data Mining.docx (unt.edu)](#)

Game Programming: [Microsoft Word - Interest in Game Programming.docx (unt.edu)](#)

Intelligent Systems: [Microsoft Word - Interest in Intelligent Systems.docx (unt.edu)](#)

Software Engineering: [Microsoft Word - Interest in Software Engineering.docx (unt.edu)](#)

Computer Science Minor- Course Work 9 Hours

A graduate minor in computer science requires 9 semester credit hours of graduate credit to be completed in addition to the courses already required for the student's major program requirements.

Students must choose three courses from the following:

- CSCE 5150 - Analysis of Computer Algorithms
- CSCE 5170 - Graph Theory
- CSCE 5210 - Fundamentals of Artificial Intelligence
- CSCE 5350 - Fundamentals of Database Systems
- CSCE 5400 - Formal Languages, Automata and Computability
- CSCE 5430 - Software Engineering
- CSCE 5450 - Programming Languages
- CSCE 5550 - Introduction to Computer Security
- CSCE 5580 - Computer Networks
- CSCE 5610 - Computer System Architecture

- CSCE 5640 - Operating System Design
- CSCE 5650 - Compiler Design

Data Engineering

Students learn skills to develop software and manage hardware to efficiently collect, store, and process data in large-scale SQL and NoSQL database environments. Students take a combination of core courses, an analytics course, and concentration courses that include topics like big data and data science, data visualization, database systems, machine learning, and data mining.

Curriculum and requirements: [Microsoft Word - 02-02-2021 DE Handout Holistic.doc (unt.edu)](unt.edu)

Cybersecurity

Our curriculum includes hands-on, project-oriented courses, including Computer Forensics, Secure Electronic Commerce, and Applications of Cryptography.

Curriculum and requirements: [Proposal for a Computer Science Graduate Track in Computer Systems (unt.edu)](unt.edu)

Artificial Intelligence

Overview-This interdisciplinary degree allows students to leverage their existing skillset by combining it with AI knowledge. Our students take bridging and core courses in computer science to enhance and gain coding and computer science skills in AI.

Curriculum and requirements: [Microsoft Word - 02-02-2021 AI Handout Holistic.doc (unt.edu)](unt.edu)

Computer Engineering

Students are able to explore the computer science engineering areas of interest in Communications and Networks, Computer Systems, Embedded and Real-Time systems, and VLSI.

Curriculum and requirements: [Microsoft Word - 07-31-2020 CMPE Handout Holistic.doc (unt.edu)](#)

Computer Engineering Interest Areas

Communications and Networks: [Microsoft Word - CMPE-MS Communications and Networks. Interest In.docx (unt.edu)](#)

Computer Systems-CMPE: [Microsoft Word - CMPE-MS Computer Systems . Interest In.docx (unt.edu)](#)

Embedded and Real-Time Systems: [Microsoft Word - CMPE-MS Embedded and Real-Time Systems. Interest In.docx (unt.edu)](#)

VLSI: [Microsoft Word - CMPE-MS VLSI . Interest In.docx (unt.edu)](#)

Computer Science with Concentrations in Professional Master of Science in Cybersecurity or Data Science, MS

The Professional M.S. in Computer Science is designed for experienced working professionals with at least 2 years of experience in industry and who want to build upon their expertise. Some classes are offered in 8-week sessions, during evenings, or online to allow for more flexibility. Students also can

earn professional certifications along the way to earning their master's degree to distinguish themselves as an expert in data science or cybersecurity.

Curriculum and requirements: Professional Master of Science in Computer Science (formerly Executive MS) | Computer Science and Engineering (unt.edu)

Ph.D.

Ph. D. students entering with an M. S. degree in computer engineering or computer science are expected to have completed their Qualifying Exam by the end of their first year and 30 semester hours by the end of their second year. They should then complete the remaining 12 semester hours and graduate by the end of their fourth year. Individual students may be able to complete requirements more quickly.

Ph. D. students entering without an M. S. degree in computer engineering or computer science are expected to have completed their Qualifying Exam by the end of their second year and 60 semester hours by the end of their third year. They should then complete the remaining 12 semester hours and graduate by the end of their fifth year. Individual students may be able to complete requirements more quickly.

Candidacy for Ph.D. Program- The student who has completed all courses required for the degree (exclusive of dissertation) and has satisfied all admission, residency, language and other tool-subject requirements should request that the major professor arrange for the qualifying examination to be held. Consult the graduate advisor in the major area for information about the qualifying examination requirement.

Ordinarily no dissertation enrollment is permitted until this examination has been passed. Students are admitted to candidacy for the doctoral degree by the graduate school upon successful completion of the qualifying examination and other requirements. The department should notify the Office of the Dean of the Toulouse Graduate School when a student passes the qualifying examination and is admitted to candidacy.

Breakdown of Degree Plan-

1. A minimum of 30 semester credit hours of organized graduate coursework in CSE (for students who don't have an M.S. in CSE), including 6 hours of 6000 level organized courses in the UNT Computer Science and Engineering Department is required.

2. The residence requirement, consisting of two consecutive terms/semesters of enrollment in at least 9 semester hours, or 3 consecutive terms/semesters of enrollment in at least 6 semester credit hours.

3. PhD Qualifying Requirements:

    a. A student shall complete with a grade of B or higher, a theoretical course such as Analysis of Algorithms, that is recommended/approved by the student's PhD committee.

    b. Formation of a PhD committee: PhD student entering w/MS: after completion of 18 sch
                                                       PhD student entering w/BS: after completion of 36 sch

    • The CSE PhD committee will consist of the student's advisor (major professor in CSE) and at least three (3) additional members. You may have outside members on your committee, but the committee must have more members who are professors in CSE than outside members.

    c. Student must have a copy of their Degree Plan, complete and approved by the Graduate School within the first academic year.

    d. An oral exam to be conducted by the student's PhD committee to assure the research readiness of the candidate. The format of this Oral exam is to be determined by the student's PhD committee.

    4. Dissertation Proposal Defense: An oral presentation of a detailed research plan. The research plan (prospectus) is distributed to the committee well in advance and an examination announcement will be distributed for interested graduate faculty and students.

    5. Dissertation Defense: Upon completion, the dissertation is to be distributed to the committee members at least 4 weeks prior to the final examination date. The candidate will prepare a formal presentation of their dissertation research and results to be defended during an oral exam.

- **It is mandatory to have an oral defense form prior to your defense.** These are generated by the Toulouse Graduate School. In order to get your defense form, your Dissertation Chair must go online and fill out a thesis/dissertation notification: https://tsgs.unt.edu/oral-defense-notification-form The CSE Department does not have these forms in-house. It is imperative that the notification is submitted two weeks before the defense.

<u>Enrollment</u>

Enrollment Hours:

- Minimum 3
- Recommended 6
- Full Course Load 9
- Maximum 12

<u>Dropping Courses-</u> If you are dropping *before* the census date:

Students who wish to drop a course before the 12th class day of fall or spring terms/semesters or before the equivalent dates for 8 week and summer sessions may do so from their student portal at my.unt.edu. Please note that students wishing to drop the last class on their schedule for the session or term must complete a withdrawal with the Dean of Students.

If you are dropping *after* **the census date:** After the 12th class day for fall or spring terms/semesters, or the equivalent date for 8 week and summer sessions, students may do so from their student portal in my.unt.edu. Students who drop a course between the 12th day of class and the designated day of a given semester's 10th week for fall or spring terms/semesters or the equivalent dates for 8 week and summer sessions, will receive a grade of W.

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.

Unorganized Courses: For any unorganized course a student must obtain explicit permission to enroll from the professor teaching the course. The student will then be provided with a "permission code" which will allow them to enroll online.

Topics Courses: For topics courses that allow repetition for credit, a student wishing to take the same topics course for additional credit must confirm from the instructor that any repetition of the course is new material rather than repetition of the previous course of the same title

Pre-Requisites: Pre-requisites maybe necessary for certain courses in CSCE. Any pre-requisites will be listed in the course description on the UNT catalog.

- Please see the section on Transfer Credits for information regarding pre-requisites taken on a outside campus.

The Waiting Lists- If a class is full and a waitlist is available, the class status displays as a yellow triangle and the class details display the waitlist capacity. If a class is full and there is no waitlist, the class status displays as a blue box and the class details display the waitlist capacity as zero.

If a class is full and a waitlist is available, the class status displays as a yellow triangle. Select the class, check the box to "Waitlist if class is full", then continue enrolling.

You may waitlist up to 9 credit hours during the regular Fall and Spring term and 4 credit hours during a 3-week session. Please note: Regardless of how many units you are waitlisted for, you will not be enrolled in classes beyond the maximum number of credit hours permitted for the term.

If you are enrolled in a course from the waitlist, you will be notified via your UNT Eagle Connect email account. To view courses that are waitlisted, you will choose the Show Waitlisted Classes box on your class schedule. This will also show your position on the waitlist.

Holds-You can view any holds on your account via the my.unt.edu portal. The Student Center page lists active holds. Some holds will block your ability to register for class. Other holds, such as the Student Financial Obligation Hold, you can clear yourself. Additionally, holds such as, Advising Required, require you to take action as detailed in the hold itself. It is important to visit this section before attempting registration.

Academic Advising

The Dean's office will be able to provide some assistance with academic advising. Students are encouraged to select a professor to serve as their academic advisor.

Satisfactory Progress/Requirements for successful continuation

All graduate students are expected to make satisfactory progress toward a degree. An overall **B** average must be maintained, and **two** courses per year (not previously attempted) must be completed or evidence submitted showing activity in thesis or dissertation work.

For the M.S. Degree, all requirements must be completed within **six** years from the date of admission. Students accepted in the Ph.D. program must be admitted to candidacy within **three** or **five** years from their date of admission to the Ph.D. program depending on whether or not the student already has a Master's degree. After admission to candidacy, all requirements, including the dissertation and the final oral exam, must be completed within five additional years.

Any provisionally admitted student who fails to fulfill the requirements specified at admission or any student who for two successive semesters fails to maintain at least a B average will be dropped from the program, unless after a review of the student's overall record, it is the opinion of the Graduate Committee that the student has demonstrated sufficient potential to pursue the graduate program successfully. In this case, probationary status will be granted for one semester.

Publication and Research Requirements

Ph.D. Students are required to have three publications upon graduation. There are no publication requirements for MS students. (thesis or non-thesis).

Qualifying Exam

The Course load Exception (CLE) form is designed to serve as a placeholder for Qualifying Examination Results (QER) forms, granting students a semester-long course load exception while preparing for either comprehensive or qualifying exams. CLEs do not need to be submitted after a student has completed and satisfied departmental exam requirements and have a QER on file, marking the milestone of All But Dissertation (ABD) status. CLE's are not applicable for International students CLEs are forms used to request a semester-long course load reduction while preparing for comprehensive exams (Master's students) or qualifying exams (Doctoral students).

- Course Load Exception Requests are only applicable for the semester in which they are approved.
- Students who have a graduate school-approved Qualifying Examination Results (QER) form do not need to complete this form. This is applicable to all students, including International Students.
- For Toulouse Graduate School (TGS) Scholarship recipients: If students do not have approved CLEs on file and enroll in under the 9 required hours, funds will not disburse until this request has been submitted and approved by the graduate school. Enrollment hours are extremely important to take note of, as credit hour approvals are sent off to financial aid and will be corroborated with any scholarship the student has.
- Summer enrollment is not required, therefore, CLE's are not required.

Qualifying Examination Results (QER) form

Students who have a graduate school-approved Qualifying Examination Results (QER) are approved to enroll in as little as 3 Graduate Credit Hours (GCH). This is applicable to all students, including International Students. If you have an approved QER form on file with the Toulouse Graduate School, you do not need to submit a CLE form. However, International students (with certain visas) are required to submit the Equivalency Form for immigration purposes.

More information here: [Reduced Course Load Request | Toulouse Graduate School (unt.edu)](unt.edu)

Pass Through Master's Procedure

Students who have completed the comprehensive exams may apply for this option after the completion of 40 hours in the doctoral program. 30 hours of PhD courses will be applied toward the pass-through master's degree. Please refer to the Associate Chair for Graduate Studies for more information.

Dissertation/Thesis Proposal

The Toulouse Graduate School (TGS) has implemented an online thesis/dissertation submission tool called Vireo. All materials that used to be hard copy will now be handled electronically in Vireo – this includes filing forms, major professor's document approval, ProQuest forms, copyright permissions, journal samples, restriction approval, etc.

Thesis and Dissertation Manual: Thesis Manual | Toulouse Graduate School (unt.edu)

Specific requirements will be selected by the student's appointed committee.

Abbreviated List of Mandatory Formatting: Abbreviated List of Mandatory Formatting | Toulouse Graduate School (unt.edu)

Policies and Procedures for Student Withdrawal/ Termination

Withdrawing from the Semester-Students wanting to withdraw from the semester (drop ALL courses for the semester) must do so at the Dean of Student's Office. Dean of Student's Office Withdrawal Information. Students wanting to withdraw from the semester (drop ALL courses for the semester) **PRIOR** to the first day of the term, would do so with the Registrar's Office. Students receiving financial aid must also contact Student Financial Aid and Scholarships before dropping a class or withdrawing. Students receiving student loans may be required to complete loan exit counseling with a financial aid counselor before they are permitted to withdraw. Loan exit packets may also be mailed to students.

Withdrawing from UNT- If you officially withdraw, cease attendance, or are administratively withdrawn, federal regulations require UNT to calculate the amount of Federal Title IV funds (aid) **earned** during the term from which you withdrew. The amount of **earned** aid is based on the number of days you attended. Any **unearned** Federal Title IV funds (aid) will be returned to the programs from which the money was paid to you (or your parent).

It is possible you will owe a repayment of **unearned** financial aid funds to the university if you cease attendance prior to the 60 percent completion point of any payment period for which you received financial aid funds. The completion point is based on the total number of class days in a payment period. If it is determined that you owe a repayment of funds, you will receive notification from SFAS.

Withdrawing from classes will affect your future eligibility for financial aid and possibly affect future scholarship disbursements. You must meet Satisfactory Academic Progress requirements to maintain eligibility for financial aid.

Unofficial Withdrawal from UNT-Unofficial withdrawals encompass all other withdrawals where official notification is not provided to UNT. 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, HEA purposes, the student has unofficially withdrawn, unless the institution can document that the student completed the enrollment period.

Travel Grant Opportunities

The College of Engineering provides funding to support student travel to attend and present at national or international conferences. These travel funds are supported through the College of Engineering Graduate Student Fees.

The Toulouse Graduate School offers a limited number of *competitive* awards to selected graduate students who are in good academic standing. The Travel Grants will support the cost of conference registration to professional meetings that are relevant to their degree.

Link: [Travel Grants | Toulouse Graduate School (unt.edu)](#)

The Department of Computer Science and Engineering will fund up to $500 to an applicant presenting at a conference.

Travel Grant Request: [Grad.Travel.Grant_.Request.pdf (unt.edu)](#)

Campus/Department Contacts

Dr. Stephanie Ludi – Chair	940-565-2803	Stephanie.Ludi@unt.edu
Shelby Ancira – Administrative Coordinator	940-565-2803	Shelby.Ancira@unt.edu
Miranda Hogan – Marketing Specialist	940-369-5231	Miranda.hogan@unt.edu
Chido Kwande – Office Assistant	940-565-2767	chido.kwande@unt.edu
Alejandro Olvera – UG Lab Support	940-565-4397	alejandro.olvera@unt.edu
Computer Science and Engineering Main	940-565-2767	cse@unt.edu
CSE Grad School Info	940-565-2767	csegrad@unt.edu
College of Engineering IT Support	940-369-7250	ceng.support@unt.edu
UNT Help Desk	940-565-2324	helpdesk@unt.edu
UNT Police	940-565-3000	unt.police@unt.edu
Toulouse Graduate School	940-565-2383	tsgswebmaster@unt.eud
UNT International Office	940-565-2197	internationaladvising@unt.edu
CSE Grade Appeal	940-565-2803	CSEgradeappeal@unt.edu
UNT Dean of Students	940-565-2648	deanofstudents@unt.edu

Forms/Links

Curriculum and Requirements:

- Computer Science: Microsoft Word - 07-31-2020 CSCI Handout Holistic.doc (unt.edu)

- Computer Science Interest Areas: Graduate Students | Computer Science and Engineering (unt.edu)

- Data engineering: Microsoft Word - 02-02-2021 DE Handout Holistic.doc (unt.edu)

- Cybersecurity: Proposal for a Computer Science Graduate Track in Computer Systems (unt.edu)

- Artificial Intelligence: Microsoft Word - 02-02-2021 AI Handout Holistic.doc (unt.edu)

- Computer Engineering: Microsoft Word - 07-31-2020 CMPE Handout Holistic.doc (unt.edu)

- Computer Engineering Interest Areas: Graduate Students | Computer Science and Engineering (unt.edu)

- Professional Maters of Science: Professional Master of Science in Computer Science (formerly Executive MS) | Computer Science and Engineering (unt.edu)

General Graduate Forms: Graduate Forms | Computer Science and Engineering (unt.edu)

Requirement Information: Microsoft Word - Requirements for Admission.docx (unt.edu)

College of Engineering Travel Grant: Grad_Travel_Grant_Request_2020.pdf (unt.edu)

Department Travel Grant request: Grad.Travel.Grant_.Request.pdf (unt.edu)

Department Financial Assistance Page: Graduate Financial Assistance | Computer Science and Engineering (unt.edu)

Deficiency Wavier/ Course Transfer Document: KM_C654e-20160420120338 (unt.edu)

Course Equivalency Form: Microsoft Word - Course Equivalency Request Form.docx (unt.edu)

Change of Major Form: Change of Major | Toulouse Graduate School (unt.edu)

Reduced Course Load request: Reduced Course Load Request | Toulouse Graduate School (unt.edu)

Thesis and Dissertation Manual: Thesis Manual | Toulouse Graduate School (unt.edu)