

Chemistry Education

This program is designed primarily for students who do not possess a degree in chemistry (e.g., secondary education majors) but who may desire to enter a graduate program. With the aid of the chemistry adviser, the student may choose a 30-semester-hour program, including thesis, or a 36-semester-hour program without thesis. In order to qualify for this degree, a student must have received teaching certification prior to admission or must obtain this certification prior to receiving the degree.

Under each option above, a minimum of 18 hours of the formal graduate courses must be in the chemistry department. Of these 18 hours, course work must include three 3-hour graduate-level (5000 or above) lecture classes in any of the four traditional areas of chemistry (analytical, inorganic, organic, physical). The other 9 hours may include courses in chemistry education or other approved chemistry courses. The remaining 18 hours required for the chemistry education concentration are the graduate courses required for certification, if the student is not already certified. If the student is already a certified teacher, the 18 remaining hours may be selected from graduate-level chemistry courses or other approved graduate courses. No more than 3 credits of seminar may be included in the required 30 or 36 hours.

Doctor of Philosophy

The course requirements for the PhD degree require that a student complete core courses in three of the four areas of chemistry (including the student's area of research). Students must complete three additional advanced courses (of which at least two must be in the Department of Chemistry). The student must maintain a B average or better in these six courses. This research must culminate in the writing of a dissertation of demonstrable scientific merit. It is normally required that at least one paper be accepted in a refereed journal by the time of the oral defense.

After completion of the formal course work, tool-subject (course options for the tool-subject are available from the department), and CHEM 6010, the student will apply to the dean of the Toulouse School of Graduate Studies for admission to candidacy for the Doctor of Philosophy degree. This should be done at least one year before graduation.

Courses of Instruction

All Courses of Instruction are located in one section at the back of this catalog.

Course and Subject Guide

The "Course and Subject Guide," found in the Courses of Instruction section of this book, serves as a table of contents and provides quick access to subject areas and prefixes.

Department of Communication Studies

Main Departmental Office
General Academic Building, 309
P.O. Box 305268
Denton, TX 76203-5268
(940) 565-2588

Fax: (940) 565-3630

Web site: www.comm.unt.edu

John M. Allison, Chair

Graduate Faculty: Allison, Anderson, Gossett, Lain, Richardson, Taylor, Trudeau.

The Department of Communication Studies offers the following degrees:

- Master of Arts, and
- Master of Science, both with a major in communication studies.

Theory and research in communication studies examine communication in human affairs and the symbolic processes through which humans interact. The curriculum is designed to facilitate student mastery of theory and research, to develop student research capabilities and to enhance student preparation for a variety of careers or for further graduate study.

The department offers course work in rhetorical, performance and social science traditions. Students are afforded opportunities to explore communication from applied and theoretical perspectives using analytical, critical, quantitative and qualitative methodologies. Course work features the investigation of communication in interpersonal, organizational, aesthetic, health, cultural, intercultural, legal, political and international contexts. Students will encounter topics such as gender and diversity issues, social change, conflict and narrative. The graduate experience often is enhanced by opportunities to engage in consulting; conducting research with faculty members; and participating in regional and national festivals and professional conferences, and/or internships

with corporations, social service organizations, arts organizations and government agencies.

Teaching assistantships are awarded competitively to prospective students with excellent academic backgrounds and potential as effective classroom teachers. Interested individuals should contact the department office for application materials.

Graduates of this program should be able to demonstrate competence in making a public oral presentation or performance; demonstrate advanced knowledge of the field of communication studies by designing and conducting an original research project and presenting the findings and implications of that research in appropriate form; interpret, explain, present, and/or illustrate knowledge of theoretical concepts in communication studies; present an effective oral defense of arguments; explain the dynamic interrelationship among communicators, contexts and culture in the generation and processing of instances of communication; and demonstrate competence in written communication in terms of content as well as form.

The department also supports an interdisciplinary doctorate with a major in information science. See the School of Library and Information Sciences section of this catalog for more information.

Research

Research interests of the faculty in the Department of Communication Studies include the areas of:

1. rhetorical analysis and criticism of persuasive public communication in historical, political and cultural contexts;
2. the role of communication in organizations, professions and groups, including planned social change, superior-subordinate-coworker communication, training and consulting, conflict management, interpersonal and professional relationships, and small group communication and decision-making;
3. performance of texts, literary and performance theory and criticism, history of performance studies, intertextuality, phenomenology, and literary and rhetorical applications of narrative theory;
4. interpersonal communication, including listening, communication apprehension, intimate communication, gender and communication, communication in the family, communication and aging, communication style and assertiveness, health communication, mediation, interpersonal conflict, human information processing and interpersonal influence;
5. legal communication, including investigation of theories and case law related to the First Amendment guarantee of freedom of speech, as well as applied research related to expert testimony;

6. critical and cultural studies of communication, cultural values, ideologies and politics;
7. intercultural communication; and
8. narrative studies.

Admission Requirements

Because of the interdisciplinary nature of much of the work done in the Department of Communication Studies, admission is open to many who did not major in communication as undergraduates. Applicants with fewer than 24 hours of undergraduate communication course work may request admission on the basis of communication-related courses.

Application to the master's program in communication studies involves completion of two separate applications. The prospective student files the application with the Toulouse School of Graduate Studies (available at the Toulouse School of Graduate Studies web site). A second application, submitted to the Graduate Standards Committee in the Department of Communication Studies, should include the following:

1. A signed letter of application that includes a statement addressing the applicant's purpose in undertaking graduate study in the UNT communication studies department. In addition to indicating the semester and year he or she would like to enter the program, the applicant should include professional plans, career goals and areas of research interest.
2. Academic transcripts of all previous undergraduate and graduate course work.
3. A current curriculum vitae or resume that addresses each of the following areas:
 - a. educational background;
 - b. previous work experience;
 - c. publications, performances, exhibitions or other scholarly activities;
 - d. previous research experience; and/or
 - e. involvement in community activities.
4. Two letters of recommendation from individuals familiar with the applicant's academic and/or professional abilities. At least one letter must be from an individual at the last academic institution attended; one letter may be from a current or past employer.
5. Verbal, quantitative, and analytical writing scores on the GRE. All students must take the GRE and report scores to the Toulouse School of Graduate Studies prior to being admitted to graduate study in the department. The Department of Communication Studies does not have a provisional admission status for applicants who have not taken the GRE.

6. A research-based essay or writing sample from a junior- or senior-level undergraduate course or an honors thesis.

The department utilizes a holistic approach in evaluating candidates for admission to the graduate program in communication studies. In examining the materials submitted by applicants for admission, we seek a positive indication of potential success in the program. In addition to the materials above, the department may consider the applicant's potential to enhance the intellectual diversity of the department and program, potential to enhance the diversity of the university, and other factors that might provide evidence of potential success in the completion of a master's degree with a major in communication studies.

Degree Programs

The department offers graduate programs leading to the following degrees:

- Master of Arts, and
- Master of Science, both with a major in communication studies.

The master's degree requires the completion of at least 36 hours of graduate course work.

There are three options for the degree:

1. 36 hours: 30 hours of course work in communication studies, 6 hours of thesis and oral examination;
2. 36 hours: 33 hours of course work in communication studies, 3 hours of COMM 5920 (Research Problems in Lieu of Thesis) and written and oral comprehensive examinations; or
3. 36 hours: 33 hours of course work in communication studies, 3 hours of COMM 5481 (Graduate Internship in communication studies) and written and oral comprehensive examinations.

The Graduate School has a foreign language requirement for the Master of Arts degree.

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Course and Subject Guide

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Department of Dance and Theatre

Main Departmental Office
Radio, TV, Film and Performing Arts Building, 242
P.O. Box 310607
Denton, TX 76203-0607
(940) 565-2211

Dance Office
Stovall Hall, 180
(940) 565-3432

Web site: www.danceandtheatre.unt.edu

Lorenzo Garcia, Chair

Graduate Faculty: Babcock, Cox, Cushman, Garcia, Grose, Hayes, Lakes, Wilson.

The Department of Dance and Theatre is dedicated to the professions of theatre and dance as central concerns of a civilized society and as primary methodologies in the education of its citizenry. Small groups of teachers and students, using as a foundation the artists and the artworks from both past and present and from all cultures and civilizations, collaborate in rehearsals and public performances derived from the finest possible classroom experiences. Scholarly and empirical research is combined with a high level of spontaneous creativity to develop the entire spectrum of theatre arts. Emphasis is placed on the impact between performing artists and appreciative spectators. Playwrights, actors, dancers, choreographers, directors, designers and technicians are taught to discover and to enhance their own creativity, to bear witness through their artistry to the richness of human life and to make artistic performance the means of educating the people who are present when the performance occurs.

These student artists also must learn to design and manage each of the technical and administrative crafts that constitute the business of theatre and dance in the 21st century. A person who can create and manage a successful theatre or dance organization can do the same in any field for which a few of the basic skills have been acquired. There is no technology — that of computers, for example, lasers or the film and video industries — that does not manifest itself in the craft of theatre and dance.

The Department of Dance and Theatre operates several facilities designed and equipped to generate, organize and conduct research in dramatic performance. The Stovall performance space, four dance studios, an acting/directing studio, a scene shop and costume shop, scenery and costume collections,