# Department of Journalism 

Main Departmental Office<br>General Academic Building, Room 102<br>P.O. Box 311460<br>Denton, TX 76203-1460<br>(940) 565-2205<br>Fax: (940) 565-2370<br>Web site: www.jour.unt.edu<br>Susan Zavoina, Chair

## Faculty

Professors Busby, Wells. Associate Professors Albright, Broyles, Lambiase, Land, Zavoina. Assistant Professors An, Everbach, Gormly, Mueller.

## Introduction

Journalism concentrations prepare students to work in the fields of reporting, editing, design and photography on newspapers; reporting and editing news for radio and television stations; staff and freelance writing for magazines; advertising in agencies, profit and nonprofit organizations, and media; public relations in agencies, and profit and nonprofit organizations; teaching in secondary schools; and desktop publishing.

Programs also are designed to educate students broadly; to develop their abilities to analyze, evaluate and inform; and to consider the ethical implications of mass communication and its impact in today's world.

Some journalism concentrations require completion of course work as beat reporters on The North Texas Daily, the campus newspaper. Students in the broadcast news concentration take one course in broadcast newswriting and have the opportunity to work at KNTU, the campus radio station, and in the campus television studio and web casts on the $N T$ Daily web site. Students in the advertising concentration must complete one course of reporting and one of advanced advertising copywriting.

Internships provide additional experience in mass media, advertising and public relations agencies, and corporate offices and media sales in the Dallas-Fort Worth region and elsewhere in the state and nation.

## Programs of Study

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

- Bachelor of Arts, and
- Master of Arts, both with a major in journalism;
- Master of Journalism.

Concentrations at the undergraduate level are available in advertising, broadcast news, newswritingeditorial, photojournalism and public relations.

Teacher certification also is available in journalism.

## Admission to Journalism Major

All students entering UNT and wishing to pursue the bachelor of arts degree with a major in journalism enter as pre-majors. Before applying for journalism major status, pre-majors must complete at least 45 hours of college course work including the following:

1. JOUR 1210, 2310 and two other courses, based on concentration requirements, with a 2.5 GPA or better;
2. the journalism math requirement for all concentrations, MATH 1680; and
3. the university English composition requirement with a grade of C or better.

Pre-majors who have completed the above requirements and who have a UNT GPA of at least 2.5 may file a formal application for major status. Approved majors may enroll in those advanced courses designated "journalism majors/minors only."

## Admission for Transfer Students

Students transferring to UNT from other colleges and universities may fulfill many of these requirements through transfer course work. Transfer students need to apply for journalism major status upon admission and must pass the grammar/spelling/punctuation test, administered by the University Writing Lab, during their first term/semester at UNT.

## Admission for Post-baccalaureate Students

Students who have already completed a baccalaureate degree from an accredited university may be admitted to the journalism major prior to completion of the pre-major requirements provided their overall GPA in all college work attempted is at least 2.5 . Postbaccalaureate majors must still abide by all course prerequisites and sequence restrictions.

## Bachelor of Arts

## Degree Requirements

## 1. Hours Required and General/College Require-

 ments: A minimum of 128 semester hours, of which 42 must be advanced, and fulfillment of degree requirements for the Bachelor of Arts degree as specified in the "General University Requirements" in the Academics section of this catalog and the College of Arts and Sciences requirements.2. Major Requirements: At least 33 semester hours in journalism in one of the following concentrations,
plus a passing grade on the Grammar, Spelling and Punctuation (GSP) exam before enrolling in JOUR 2310 (or a passing grade on the GSP exam during the first term/semester as a transfer student):

## Advertising:

a. JOUR 1210, 2010, 2200 and 2310 (pre-major courses to be completed with a minimum 2.5 GPA before applying for major status); JOUR 3020, 3040, $3200,4050,4060,4070$, and at least 6 hours but no more than 9 hours from JOUR 2420, 4012, 4020, $4051,4052,4055,4220,4230,4250,4800$, and 4900.
b. Students must take at least 18 hours in the College of Business Administration, including MKTG 3010, 3650 and 4120; plus 9 hours approved by the advertising faculty adviser, from the following: MKTG 3660, 4280, 4520, 4600, 4620, 4650; MGMT $3720,3820,3850,3860,3870,4200$; or BLAW 3430.

## Broadcast News:

a. JOUR 1210, 2310, 2340 and 4325 (pre-major courses to be completed with a minimum 2.5 GPA before applying for major status); JOUR 4330, 4340, 4410 and 4620; plus three courses from JOUR 4210, $4250,4800,4900-4910$; RTVF 2210, 3300, 3330, 4850 (also up to 3 hours may be taken from RTVF 3482, 3501 and 3502).
b. Also required are two upper-level courses from the following: CJUS 3210, PADM 3420, PADM 4450, or any 3000- or 4000-level course from PSCI.

## Newswriting-Editorial:

a. JOUR 1210, 2310, 2320 and 2700 (pre-major courses to be completed with a minimum 2.5 GPA before applying for major status); JOUR 3310, 3320, 4410, 4510 and 4620; and two courses from JOUR 2200, 4210, 4250, 4310, 4321, 4800, 4820 and 4850.
b. Also required are 6 hours of upper-level credit from PSCI.
c. Juniors should confer with an adviser about possible newspaper internships.

## Photojournalism:

a. JOUR 1210, 2310, 2320 and 2700 (pre-major courses to be completed with a minimum 2.5 GPA before applying for major status); JOUR 3320, 3700, $4620,4700,4720$ and 4750 ; and one course from JOUR 2010, 2200, 2420, 3310, 4250, 4410, 4800, 4820 and 4850.
b. Also required are 6 hours of upper-level credit from PSCI.

## Public Relations:

a. JOUR 1210, 2310, 2320 and 2420 (pre-major courses to be completed with a minimum 2.5 GPA before applying for major status); JOUR 2200, 3200,
$3310,4450,4460$ and 4470; and at least 3 hours but no more than 6 hours approved by public relations faculty adviser from JOUR 2010, 3320, 3410, 4220, $4230,4250,4310,4800,4820$ or 4850.
b. Students must take MKTG 3650 and MGMT 3870.
3. Other Course Requirements: Listed with major courses.
4. Minor: Minor required for broadcast news, news-editorial, photojournalism and public relations concentrations; advertising requires additional business courses per degree requirements.
5. Electives: See four-year plan.
6. Other Requirements:
a. A grade of C or higher is required for all journalism courses to be applied toward the degree requirements.
b. No more than 12 semester hours of journalism credit will be accepted from a transfer student who is entering as a first-term/semester junior. For students transferring with 75 semester hours of credit or more, a maximum of 18 transfer journalism hours will be accepted for credit toward the bachelor's degree.
c. No more than 38 hours of journalism or radio/ television/film courses may be included in the major or count toward the 128 -hour degree. Because JOUR 1210, Mass Communication and Society, may be used to fulfill a requirement in the University Core Curriculum, it is not counted in the 38 -hour limit.
d. Students must pass grammar/spelling/punctuation test to be permitted to enroll in JOUR 2310; students who transfer credit for JOUR 2310 must take the grammar/spelling/punctuation test during their first term/semester at UNT.
e. All journalism majors are required to take MATH 1680, which meets both university core and college core requirements; see adviser for exemptions to this policy for transfer students only.

## BA with a Major in Journalism Advertising Concentration

Following is one suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

## FRESHMAN YEAR

## FALL

HOURS
ENGL 1310, College Writing I* 3
JOUR 1210, Mass Communication and Society (may be used to satisfy Cross-Cultural, Diversity and Global Studies requirement*) 3
JOUR 2010, Principles of Advertising 3
LANG 2040, Foreign Language (intermediate)** 3
MATH 1680, Elementary Probability and Statistics**
PSCI 1040, American Government ${ }^{*} \quad \underline{3}$
Total
$\begin{array}{lr}\text { SPRING } & \text { HOURS } \\ \text { ENGL } 1320 \text {, College Writing II }\end{array}$
JOUR 2200, Computer Applications for Journalists
JOUR 2310, Newspaper Reporting and Writing 4
LANG 2050, Foreign Language (intermediate)** 3
PSCI 1050, American Government*

## Total

## SOPHOMORE YEAR <br> \section*{FALL}

HOURS
HIST 2610, United States History to $1865^{*} 3$
JOUR 3020, Advertising Concepts
JOUR 3200, Mass Communication Research Methods
Humanities*
Physical Science ${ }^{* *} 4$
Total
SPRING

HOURS

HIST 2620, United States History Since $1865^{*} 3$
JOUR 3040, Advertising Media and Marketing Strategy
JOUR 4050, Advertising Copywriting ..... 3
Literature** ..... 3
Natural Sciences** ..... 4
Total ..... 16
JUNIOR YEAR
FALLHOURS
MKTG 3010, Professional Selling ..... 3
MKTG 3650, Foundations of Marketing Practice ..... 3
JOUR (see major requirements) ..... 3
Laboratory Science ${ }^{* *}$ ..... 4
Visual and Performing Arts* ..... 3
Total ..... 16
SPRING HOURS
MKTG 4120, Buyer Behavior ..... 3
PSCI 1040, American Government* ..... 3
JOUR (advanced, see major requirements) ..... 3
Elective ..... 3
Elective ..... 3
Elective ..... 3
Total ..... 18
SENIOR YEAR
HOURS
JOUR 4060, Integrated Communications ..... 3
Business Concentration (advanced) ..... 3
Business Concentration (advanced) ..... 3
Elective ..... 4
Social and Behavioral Sciences* ..... 3
Total ..... 16
SPRING ..... HOURS
JOUR 4070, Advertising Campaigns ..... 3
Business Concentration (advanced) ..... 3
Elective ..... 3
Elective (advanced) ..... 3
Wellness* ..... 3
Total ..... 15
*See the University Core Curriculum section of this catalog for approved list of course options.
**See Arts and Sciences degree requirements section of this catalog for approved list of course options.
Actual degree plans may vary depending on availability of courses in a given semester.
Some courses may require prerequisites not listed.
Students may wish to use opportunities for electives to complete a minor of their choice.

## BA with a Major in Journalism Broadcast News Concentration

Following is one suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

## FRESHMAN YEAR

## FALL

HOURS
ENGL 1310, College Writing I ${ }^{*}$
JOUR 1210, Mass Communication and Society (may be used to satisfy Cross-cultural, Diversity and Global Studies requirement*)
LANG 2040, Foreign Language(intermediate)**3
MATH 1680, Elementary Probability and Statistics** ..... 3
PSCI 1040, American Government* ..... 3
Total ..... 15
SPRING HOURS
ENGL 1320, College Writing II* ..... 3
LANG 2050, Foreign Language (intermediate)**
PSCI 1050, American Government* ..... 3
Social and Behavioral Sciences* ..... 3
Wellness* ..... -
Total15
SUMMER 5W1 HOURS
JOUR 2310, Newspaper Reporting andWriting (may be used to satisfyCommunication requirement*)
Total44
SOPHOMORE YEAR
FALL
HOURS
HIST 2610, United States History to 1865* ..... 3
JOUR 2340, Writing for Electronic News Media ..... 3
Humanities* ..... 3
Physical Science** ..... 4
Visual and Performing Arts* ..... 3
Total ..... 16
SPRING ..... HOURS
HIST 2620, United States History Since 1865* ..... 3
JOUR 4325, Broadcast News I ..... 3
Elective ..... 3
Literature** ..... 3
Natural Sciences** ..... $\underline{4}$
Total ..... 16
JUNIOR YEAR
FALL ..... HOURS
JOUR 4330, Broadcast News II ..... 3
JOUR or RTVF (advanced, see major requirements) ..... 3
Laboratory Science** ..... 4
Minor ..... 3
Minor ..... 3
Total ..... 16
SPRING ..... HOURS
JOUR 4340, Advanced Electronic News Reporting ..... 3
JOUR 4620, Mass Communication Law ..... 3
JOUR or RTVF (see major requirements) ..... 3
PSCI/CJUS/PADM (advanced, see major requirements) ..... 3
Minor ..... - 3
Total ..... 15
SENIOR YEAR
FALL ..... HOURS
JOUR 4410, Reporting of Public Affairs ..... 4
PSCI/CJUS/PADM (advanced, see major requirements) ..... 3
Elective (advanced) ..... 2
Minor ..... 3
Minor (advanced) ..... 3
Total ..... 15
SPRING ..... HOURS
JOUR or RTVF (advanced, see major requirements) ..... 3
Elective (advanced) ..... 3
Elective (advanced) ..... 3
Elective ..... 4
Mino ..... $\underline{3}$
*See the University Core Curriculum section of this cata-log for approved list of course options.** See Arts and Sciences degree requirements section ofthis catalog for approved list of course options.
Actual degree plans may vary depending on availabilityof courses in a given semester.Some courses may require prerequisites not listed.Students may wish to use opportunities for electives tocomplete a minor of their choice.
BA with a Major in Journalism Newswriting-Editorial Concentration
Following is one suggested four-year degree plan.Students are encouraged to see their adviser eachsemester for help with program decisions and enroll-ment. Students are responsible for meeting all courseprerequisites.
FRESHMAN YEAR
FALLHOURS
ENGL 1310, College Writing I* ..... 3
JOUR 1210, Mass Communication andSociety (may be used to satisfyCross-Cultural, Diversity and GlobalStudies requirement*)3
LANG 2040, Foreign Language (intermediate) ${ }^{* *}$ ..... 3
MATH 1680, Elementary Probability and Statistics** ..... 3
PSCI 1040, American Government* ..... $\underline{3}$
Total ..... 15
SPRING ..... HOURS
ENGL 1320, College Writing II* ..... 3
JOUR 2310, Newspaper Reporting and Writing (may be used to satisfy Communication requirement*) ..... 4
LANG 2050, Foreign Language (inte ..... 3
PSCI 1050, American Government* ..... 3
Social and Behavioral Sciences* ..... 3
Total ..... 16
SOPHOMORE YEARHOURS
HIST 2610, United States History to 1865* ..... 3
JOUR 2320, Newspaper Reporting and Writing ..... 4
JOUR 2700, Beginning Photojournalism ..... 3
Humanities* ..... 3
Natural Sciences** ..... 4
SPRING ..... HOURS
HIST 2620, United States History Since 1865* ..... 3
JOUR 3320, News Editing and Design ..... 4
Literature** ..... 3
Physical Science** ..... 4
Visual and Performing Arts* ..... 3
Total ..... 17
JUNIOR YEAR
FALL ..... HOURS
JOUR 3310, Feature Writing ..... 3
JOUR 4410, Reporting of Public Affairs ..... 4
Elective (advanced) ..... 3
Minor ..... 3
Minor ..... 3
Total ..... 16
SPRING HOURS
JOUR 4620, Mass Communication Law ..... 3
PSCI (advanced, see major requirements) ..... 3
Laboratory Science ${ }^{* *}$ ..... 4
Minor ..... 3
Minor (advanced) ..... 3
Total ..... 16
SENIOR YEAR
FALL HOURS
JOUR (see major requirements) ..... 3
JOUR (advanced, see major requirements) ..... 3
PSCI (advanced, see major requirements) ..... 3
Elective ..... 3
Minor (advanced) ..... 3TotalSPRINGHOURS
JOUR 4510, Newspaper Management, Problems and Ethics ..... 3
Elective (advanced) ..... 3
Elective (advanced) ..... 4
Minor ..... 3
Wellness* ..... 3
Total ..... 16
*See the University Core Curriculum section of this cata-log for approved list of course options.** See Arts and Sciences degree requirements section ofthis catalog for approved list of course options.
Actual degree plans may vary depending on availabilityof courses in a given semester.Some courses may require prerequisites not listed.Students may wish to use opportunities for electives tocomplete a minor of their choice.

## BA with a Major in Journalism Photojournalism Concentration

Following is one suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

## FRESHMAN YEAR

## FALL

HOURS
ENGL 1310, College Writing I* ..... 3
JOUR 1210, Mass Communication andSociety (may be used to satisfyCross-Cultural, Diversity and GlobalStudies requirement*)3
LANG 2040, Foreign Language (intermediate)** 3
MATH 1680, Elementary Probability andStatistics**3
PSCI 1040, American Government* ..... $\underline{3}$
Total ..... 15
SPRING ..... HOURS
ENGL 1320, College Writing II* ..... 3
JOUR 2700, Beginning Photojournalism ..... 3
LANG 2050, Foreign Language (intermediate)** ..... 3
PSCI 1050, American Government* ..... 3
Social and Behavioral Sciences* ..... $\underline{3}$
Total ..... 15
SOPHOMORE YEAR
FALL ..... HOURS
HIST 2610, United States History to $1865^{*}$ ..... 3
JOUR 2310, Newspaper Reporting andWriting (may be used to satisfyCommunication requirement* ${ }^{*} \quad 4$
Humanities* ..... 3
Physical Science ${ }^{* *}$ ..... 4
Visual and Performing Arts* ..... 3
Total ..... 17
SPRING ..... HOURS
HIST 2620, United States History Since 1865* ..... 3
JOUR 2320, Newspaper Reporting and Writing ..... 4
Literature** ..... 3
Minor ..... 3
Natural Sciences** ..... $\underline{4}$
Total ..... 17
JUNIOR YEAR
FALLHOURS
JOUR 3320, News Editing and Design ..... 4
JOUR 3700, Photojournalism ..... 3
Elective (advanced) ..... 3
Elective (advanced) ..... 3
Minor ..... 3
Total ..... 16
SPRING HOURS
JOUR (see major requirements) ..... 3
PSCI (advanced, see major requirements) ..... 3
Laboratory Science ${ }^{* *}$ ..... 4
Minor3
Minor (advanced) ..... $\underline{3}$
Total ..... 16
SENIOR YEAR
FALL HOURS
JOUR 4700, Portfolio ..... 3
JOUR 4720, Photojournalism and the Web ..... 3
PSCI (advanced, see major requirements) ..... 3
Minor (advanced) ..... 3
Minor ..... $\underline{3}$
Total ..... 15
SPRING ..... HOURS
JOUR 4620, Mass Communication Law ..... 3
JOUR 4750, Picture Editing ..... 3
Elective ..... 3
Elective (advanced) ..... 3
Elective (advanced) ..... 2
Wellness* ..... 3
Total ..... 17
*See the University Core Curriculum section of this catalog for approved list of course options.
** See Arts and Sciences degree requirements section of this catalog for approved list of course options.
Actual degree plans may vary depending on availability of courses in a given semester.
Some courses may require prerequisites not listed.
Students may wish to use opportunities for electives to complete a minor of their choice.

## BA with a Major in Journalism Public Relations Concentration

Following is one suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

## FRESHMAN YEAR

## FALL

HOURS
ENGL 1310, College Writing I*
JOUR 1210, Mass Communication and
Society (may be used to satisfy
Cross-Cultural, Diversity and Global Studies requirement*)
LANG 2040, Foreign Language (intermediate)**
MATH 1680, Elementary Probability and Statistics3
PSCI 1040, American Government* ..... $\underline{3}$
Total ..... 15
SPRING ..... HOURS
ENGL 1320, College Writing II* ..... 3
LANG 2050, Foreign Language (intermediate) ${ }^{* *}$PSCI 1050, American Government*3
Physical Science** ..... 4
Social and Behavioral Sciences* ..... 3
Total ..... 16
SOPHOMORE YEAR
FALLHOURS
HIST 2610, United States History to $1865^{*}$ ..... 3
JOUR 2310, Newspaper Reporting and Writing (may be used to satisfy the Communication requirement*) ..... 4
JOUR 2420, Principles of Public Relations ..... 3
Humanities* ..... 3
Natural Sciences** ..... 4
Total ..... 17
SPRING ..... HOURS
HIST 2620, United States History Since 1865* ..... 3
JOUR 2320, Newspaper Reporting and Writing ..... 4
Literature ${ }^{* *}$ ..... 3
Visual and Performing Arts* ..... 3
Wellness* ..... $\underline{3}$
Total ..... 16
JUNIOR YEAR
FALLJOUR 2200, Computer Applications forJournalists3
JOUR 3200, Mass Communication Research Methods ..... 3
JOUR 3310, Feature Writing ..... 3
MKTG 3650, Foundations of Marketing Practice ..... 3
Laboratory Science** ..... $\underline{4}$
Total ..... 16
SPRING ..... HOURS
JOUR 4450, Case Studies in Public Relations ..... 3
MGMT 3870, Management Research Methods ..... 3
Elective (advanced) ..... 3
Minor ..... 3
Minor ..... 3
Total ..... 15
SENIOR YEAR
FALL ..... HOURS
JOUR 4460, Public Relations Communication ..... 3
JOUR (see major requirements) ..... 3
Elective (advanced) ..... 3
Elective (advanced) ..... 2
Minor ..... 3
Minor (advanced) ..... $\underline{3}$
Total ..... 17

| SPRING | HOURS |
| :--- | ---: |
| JOUR 4470, Ethics, Law and Diversity |  |
| in Public Relations | 3 |
| Elective (advanced) | 3 |
| Elective (advanced) | 3 |
| Minor | $\frac{3}{5}$ |
| Minor (advanced) | 15 |
| Total |  |
| See the University Core Curriculum section of this cata- |  |
| og for approved list of course options. |  |
| *See Arts and Sciences degree requirements section of |  |
| his catalog for approved list of course options. |  |

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

## Minors in Journalism

A minor requires a minimum of 18 hours including 6 advanced hours; students must present their degree plans from their majors, showing their minor selection as journalism, to gain admittance to any upper-level journalism course. Transfer students who minor in journalism must complete a minimum of 6 advanced hours at UNT; courses must be approved by a journalism adviser. Approved minor course sequences follow.

## General Minor in Journalism

The general journalism minor requires a minimum of 19 hours. A core consisting of JOUR 1210 and 2310 must be completed before taking upperlevel classes. An additional 12 hours, including 6 advanced hours, should be chosen from the following list: JOUR 2010, 2200, 2320, 2340, 2420, 2700, 3020, 3310, 3320, 4055, 4210, 4250, 4310, 4321, 4325, $4330,4360,4370,4380,4410,4620,4720$ or 4820.

## Minor in Advertising

The minor in advertising requires JOUR 2010 and 3020 , with at least 12 additional hours at the upper level. Choices for a creative track include: JOUR 4020, $4050,4051,4052,4055,4070,4800$ and 4900. Choices for a management track include: JOUR 3040, 3200, 4012, 4020, 4060, 4070, 4800, 4900.

## Minor in Broadcast News

The minor in broadcast news requires JOUR 2310, 2340, 4325; and three courses chosen from JOUR 1210, 4330, 4340, 4410, 4620 and 4820.

## Minor in Newswriting-Editorial

The minor in news-editorial requires JOUR 2310, $2320,3310,3320$ and 4410 ; and one class from JOUR 1210, 4510, 4620, 4820 and 4850.

## Minor in Photojournalism

The minor in photojournalism requires JOUR 2310, 2320, 2700, 3320 and 3700 ; plus one of the following courses: JOUR 4700, 4720 or 4750.

## Minor in Public Relations

The minor in public relations requires JOUR 2310, 2320, 2420, 3200 and 4450; plus one of the following courses: JOUR 2200, 3310, 3410, 4460 or 4470.

## Television News Producing Certificate

This interdepartmental certificate program is open to students majoring in RTVF or in journalism with a concentration in broadcast news. Interested students must apply and be admitted into the restricted Television News Producing Certificate program. Students must complete at least 6 hours in journalism (JOUR 2340 and 4330) and 6 hours in RTVF (RTVF 1310 and 2210) as prerequisites before taking RTVF 4850, Television News Producing, for a total of 15 credit hours. Both departments recommend an internship in a professional news operation (radio, television, newspaper, etc.) to supplement the program, although the internship is not required for completion of the certificate.

## Teacher Certification

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

Requirements: Newswriting-editorial required courses (JOUR 1210, 2310, 2320, 2700, 3310, 3320, $4410,4510,4620)$; and JOUR 2200, 4100 and 4850. See major for additional course work and GPA requirements.

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

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

## Graduate Degrees

The department offers degree programs leading to the Master of Arts and Master of Journalism. For information, consult the Graduate Catalog and confer with the journalism graduate studies director.

## NT Daily

The award-winning North Texas Daily, UNT's student newspaper, provides practical experience for students in all sequences of the Department of Journalism. The Student Publications Committee selects the editor each term/semester, and staff jobs are open to any UNT student. The Daily is published four days a week in the fall and spring term/semesters and once a week in the summer. The Daily has been providing news and entertainment to UNT students since 1948. For more information, contact the Daily's adviser at (940) 565-2205, or visit the Daily's web site at www.ntdaily.com.

## 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 Mathematics

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## Neal Brand, Chair

## Faculty

Professors Alikakos, Brand, Jackson, Johnson, Kallman, Kung, Lewis, Mauldin, Neuberger, Urbanski, Zamboni. Associate Professors Allen, Anghel, Bator, Brozovic, Cherry, Clark, Conley, Douglass, Gao, Iaia, Liu, Monticino, Quintanilla, Weller. Assistant Professors Allaart, Betelu, Richter, Sari, Shepler. Lecturers Grether, Teel.

## Introduction

The department offers programs of study leading to the BA, MA, MS and PhD degrees with a major in mathematics, and the BSM. Its faculty is dedicated to excellence in scholarship and teaching. The faculty supports a strong program of instruction and research, having as its core a solid foundation of mathematical theory that furnishes the tools necessary to address and solve crucial problems in maintaining, improving and protecting the world. The program also promulgates mathematics as a discipline in its own right, a body of pure knowledge with exceptional power, enabling its practitioners and those who diligently study it to be adaptable and effective forces in the workplace.

Students who earn degrees in mathematics readily obtain jobs with high-technology companies and in business, industry, government and teaching. Salaries and working conditions compare with those of engineers and scientists.

Students who plan to major in mathematics, physics, chemistry, biology or computer science should have had four years of mathematics in high school, including pre-calculus. Students who are required to take mathematics as part of their degree program in college should have had at least two years of algebra and one year of geometry in high school.

