SENIOR YEAR
FALL HOURS
CHEM 4610, Advanced Inorganic Chemistry 3
PHYS 2220, Electricity and Magnetism 3
PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics 1
PSCI 1050, American Government* 3
CHEM (4000 level) or BIOC 3621/3622, Elementary Biochemistry with Laboratory, or BIOC 4540, Biochemistry I 3-4
Minor/Elective (advanced) 3
Total 16-17

SPRING HOURS
CHEM 4620, Advanced Inorganic Chemistry Laboratory 1
CHEM 4631, Instrumental Analysis 3
CHEM 4632, Instrumental Analysis Laboratory 1
MATH 2700, Linear Algebra and Vector Geometry 3
Minor/Elective 2
Minor/Elective (advanced) 3
Minor/Elective (advanced) 3
Minor/Elective (advanced) 2
Total 18

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 or secondary education courses for teacher certification.

Major in Chemistry

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.

*See the University Core Curriculum section of this catalog for approved list of course options.
**See Arts and Sciences requirements section of this catalog for approved list of course options.

BA with a Major in Chemistry

FRESHMAN YEAR
FALL HOURS
CHEM 1410, General Chemistry or CHEM 1413, Honors General Chemistry** 3
CHEM 1430, Laboratory Sequence for General Chemistry** 1
ENGL 1310, College Writing I* 3
HIST 2610, United States History to 1865* 3
MATH 1650, Pre-Calculus 5
Total 15

SPRING HOURS
CHEM 1420, General Chemistry, or CHEM 1423, Honors General Chemistry** 3
CHEM 1440, Laboratory Sequence for General Chemistry** 1
ENGL 1320, College Writing II* 3
HIST 2620, United States History Since 1865* 3
Communication** 3
Elective 3
Total 16

SOPHOMORE YEAR
FALL HOURS
CHEM 2370, Organic Chemistry 3
CHEM 3210, Organic Chemistry Laboratory 1
LANG 2040, Foreign Language (intermediate)** 3
MATH 1710, Calculus I 4
Humanities* 3
Wellness* 3
Total 17

SPRING HOURS
CHEM 2380, Organic Chemistry 3
CHEM 3220, Organic Chemistry Laboratory 1
LANG 2050, Foreign Language (intermediate)** 3
MATH 1720, Calculus II 3
Literature** 3
Minor/Elective (advanced) 3
Total 16

JUNIOR YEAR
FALL HOURS
CHEM 3230, Physical Chemistry Laboratory Sequence, or CHEM (advanced) 1
CHEM 3451, Quantitative Analysis 3
CHEM 3452, Quantitative Analysis Laboratory 1
CHEM 3510, Physical Chemistry, or CHEM (advanced) 3
PSCI 1040, American Government* 3
Minor/Elective (advanced) 3
Social and Behavioral Sciences* 3
Total 17

SPRING HOURS
CHEM 3240, Physical Chemistry Laboratory Sequence and CHEM 3520, Physical Chemistry; or CHEM 3530, Physical Chemistry for Life Science; or CHEM (advanced) 4
PSCI 1050, American Government* 3
Minor/Elective (advanced) 3
Minor/Elective (advanced) 3
Science Elective (advanced) 3
Total 16
Senior Year

Fall

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<td>PHYS 1430, General Physics Laboratory</td>
<td>1</td>
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<tr>
<td>CHEM (4000 level), or BIOC 3621/3622, Elementary Biochemistry with Laboratory</td>
<td>3-4</td>
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<tr>
<td>Cross-cultural, Diversity and Global Studies*</td>
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<tr>
<td>Natural Sciences*</td>
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<td>Visual and Performing Arts*</td>
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Spring

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<td>PHYS 1420, General Physics II</td>
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<td>PHYS 1440, General Physics Laboratory II</td>
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</table>

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 of secondary education courses for teacher education.

Department of Communication Studies

Main Departmental Office
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Web site: www.comm.unt.edu

John S. Gossett, Chair

Faculty

Professor Wheless, Associate Professors Allison, Gossett, K. Taylor, Assistant Professors Byers, Richardson, Shukla, J. Taylor. Lecturer Lain.

Introduction

Communication studies examines communication in human affairs and the symbolic processes through which humans interact by focusing on five basic behaviors associated with communication: analysis of self and others, effectively using and responding to verbal messages, effectively using and responding to non-verbal messages, listening and responding appropriately, and appropriately adapting to messages to others. The curriculum is designed to facilitate student mastery of theory and research, to enhance communication skills, and to enhance student preparation for a variety of careers or for graduate study. Many communication graduates pursue careers in education, consulting, organizational administration and management, training and development, and political communication. Others find communication to be a useful major in preparing for law, the ministry, politics, and community relations.

The department offers course work in rhetorical, performance and social science traditions. Students are afforded opportunities to explore communication from applied and theoretical perspectives in organizational settings and through co-curricular activities. Course work features the investigation of communication in organizational, interpersonal, aesthetic, health, legal, political, cultural, intercultural and international contexts. Students will encounter topics such as gender and diversity issues, social change, conflict, narrative and cultural studies.

Programs of Study

The department offers undergraduate and graduate programs in the following areas:
- Bachelor of Arts,
- Master of Arts, and
- Master of Science, all with a major in communication studies.

Bachelor of Arts

Admission to the Communication Major

Entering students interested in majoring in communication studies will be classified as pre-majors and will be advised by the department. Admission to the university does not guarantee admission to the communication studies major.

To be admitted to major status (and become eligible to enroll in certain advanced courses), a pre-major must meet the following requirements:

1. Complete at least 30 hours of college credit, and
   a. complete the university core English composition requirement with a grade of C or better in each course, and
   b. complete COMM 1010, 2020, 2060 and 2140 with a grade of C or better in each course.
2. Have a UNT grade point average of 2.5 or higher.