

CHEM 4700. Research Methods for Secondary 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 chemistry, except for students seeking teacher certification.

CHEM 4900-CHEM 4910. Special Problems. 1–3 hours each. Prerequisite(s): CHEM 3220 or equivalent, and consent of directing professor. A written report is required each term/semester. May be repeated for credit, not to exceed 3 hours each.

CHEM 4920. Cooperative Education in Chemistry. 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 semester hours of credit in chemistry; student must meet employer's requirements and have consent of the department chair. May be repeated for credit.

CHEM 4930. Selected Topics in Chemistry. 3 hours. Topics of current interest, which vary from year to year. Prerequisite(s): consent of department. May be repeated for credit as topics vary.

CHEM 4940. Chemistry Seminar. 1 hour. Colloquia covering current topics in chemistry. Prerequisite(s): chemistry major with senior standing. May be repeated for credit. May not be used to meet degree requirements for chemistry major or minor. Pass/no pass only.

CHEM 4951. Honors College Capstone Thesis. 3 hours. Major research project 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 6 hours in honors courses; completion of at least 12 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.

CHEM 4960-CHEM 4970. Science Institute (Chemistry). 1–6 hours each. For students accepted by the university in special institute courses. May be repeated for credit, not to exceed 6 hours in each course.

Chinese

see Foreign Languages and Literatures

Communication Studies

Students interested in majoring in communication studies must complete all pre-major requirements. COMM 3010 may be taken concurrently with **one** other communication course; students may either take COMM 3010 concurrently with their final 2000-level pre-major course or their first enrollment in an upper-division course. Students who do not complete COMM 3010 with a grade of C or better are prohibited from enrolling in other upper-division communication courses until they have completed COMM 3010 successfully.

Communication Studies, COMM

COMM 1010 (SPCH 1311). Introduction to Communication. 3 hours. (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 experimental learning with community partners. Oral communication skills and collaborative group building skills are emphasized. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

COMM 1440. Honors Classical Argument. 3 hours. Uses of argument in rational decision making based on classical theories of reason. Elements of argument, classical foundations of argument and contemporary application of argument principles. Prerequisite(s): acceptance to Honors College. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

COMM 2020 (SPCH 1318). Interpersonal Communication. 3 hours. An introduction to interpersonal communication research results and theories with application in two-person and small group relationships in a variety of human communication contexts. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

COMM 2040 (SPCH 1315). Public Speaking. 3 hours. (1;0;2) Introduction to principles of and practice in preparing public speaking speeches. Stresses the role of public speaking in democratic decision making. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

COMM 2060 (SPCH 2341). Performance of Literature. 3 hours. (1;0;2) Performance as a method of textual study. An introduction to the theory and practice of analyzing, rehearsing and performing non-dramatic texts. Recommended for elementary education majors. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

COMM 2140. Rhetoric and Argument. 3 hours. (1;0;2) Introduction to the critical dimensions of rhetoric and argument through presentation and evaluation of public discourse. Balanced attention to the theory and practice enabling students to analyze the persuasive function of public discourse; to discuss the role of audience in the construction of public discourse; and to develop skills for constructing, supporting, and evaluating public discourse.

COMM 2900. Special Problems. 1–3 hours.

COMM 3010. Communication Perspectives. 3 hours. Intensive research and writing course in which students learn concepts and skills necessary to review communication research, engage in critical research about communication phenomena and write a research proposal. This course must be taken prior to or concurrently with a student's first enrollment in upper-division COMM courses. A student who fails to complete the course successfully after two attempts (either through withdrawal or failure to achieve a grade of C or better) will not be permitted to enroll in subsequent semesters. Prerequisite(s): COMM 1010, COMM 2020, COMM 2060 and COMM 2140 with a grade of C or better. Communication majors only.

COMM 3120. Nonverbal Communication. 3 hours. Applications of research and theory in understanding the impact of nonverbal communication in a variety of human contexts. Prerequisite(s): COMM 2020.

COMM 3220. Health Communication. 3 hours. Communication in medical settings; origins, nature and impact of communication practices and beliefs in the health-care delivery system; role of interaction on human well-being. Prerequisite(s): COMM 2020.

COMM 3260. Storytelling. 3 hours. Investigation of folk literature, original sources and literary genres employed in the art of storytelling. Training in the acquisition of techniques and skills employed by the storyteller. Prerequisite(s): COMM 2060 or THEA 1050.

COMM 3265. Topics in Storytelling. 3 hours. Understanding how the art of storytelling influences and supports the development of diverse cultures. Comparison and contrast of storytelling traditions of at least three different groups related by geography (i.e. Americas, Asia or Africa) or topic (fairy tales, family stories or creation myths). Performance and analysis of narratives develops performance skills and sharpens critical thinking skills. Provides opportunities to participate in performances as a researcher, adapter, performer and critic. Prerequisite(s): COMM 2060 or THEA 1050. May be repeated for credit as topics vary.

COMM 3320. Communication and Conflict Management. 3 hours. Examination of the role of communication in the effective management of conflict and introduction to basic mediation topics such as gender, intercultural and nonverbal communication. Study of conflict in various common contexts: intrapersonal, interpersonal, group and organizational. Prerequisite(s): COMM 2020 or PSCI 4821 or PSCI 4822 or PSCI 4825 or AECO 4000 or AECO 4020 or AECO 4420 or MGMT 3720.

COMM 3340. Methods of Rhetorical Criticism. 3 hours. A survey of significant methodologies available to rhetorical critics. Emphasis on the critical abilities necessary to describe, explain, analyze, and evaluate symbolic influence in the public sphere. Prerequisite(s): COMM 2140.

COMM 3420. Communication and New Technology. 3 hours. Examination of communication in technologically mediated environments. Emphasis on how these environments affect impression formation and management, deception and trust, attraction and relationship formation, group dynamics, social support and networking, community building, etc. Prerequisite(s): COMM 1010.

COMM 3440. Public Address Studies. 3 hours. Major theories of public address and the critical assessment of selected persuasive addresses in the public arena. Prerequisite(s): COMM 2140.

COMM 3520. Advanced Interpersonal Communication. 3 hours. Advanced study of interpersonal communication research, focusing on theory and application in a variety of contexts. Prerequisite(s): COMM 2020.

COMM 3620. Intercultural Communication. 3 hours. Knowledge and skills designed to increase intercultural communication competence. Investigation into the ways in which culture interrelates with and affects communication processes. Examines affective, behavioral and cognitive processes involved in intercultural learning. Prerequisite(s): COMM 2020.

COMM 3720. Small Group Communication. 3 hours. (2;0;1) Theory, research and laboratory experience in small group communication; problems in group discussion; decision-making techniques. Prerequisite(s): COMM 2020 or PSYC 2650.

COMM 3760. Performance Methods. 3 hours. Advanced topics in individual performance as a method of textual study as well as theory and practice in individual performance as an aesthetic event and as a rhetorical and social act. Prerequisite(s): COMM 2060 or THEA 1050.

COMM 3840. Argumentation and Debate. 3 hours. (2;0;1) Theory, research and practice in developing and presenting arguments on public policy issues; reasoning, strategy and oral advocacy. Prerequisite(s): COMM 2140.

COMM 3860. Group Performance. 3 hours. Theory and practice in analyzing texts, adapting and compiling scripts, and directing and rehearsing productions. Group performance is studied from three perspectives: as a method of textual study, as an aesthetic event, and as a social and rhetorical act. Prerequisite(s): COMM 2060 or THEA 1050.

COMM 3865. Adaptation and Staging. 3 hours. Adaptation and staging for performance. Focus on the visual language of stage composition, adaptation and staging non-dramatic materials, examinations of the roles of the director, actor and audience member. Prerequisite(s): COMM 2060 or THEA 1050.

COMM 3920. Organizational Communication. 3 hours. Principles of communication applied in the organizational environment. Focus upon diagnosis, analysis, and resolution methods related to communication-based problems with organizations. Prerequisite(s): COMM 2020 or MGMT 3330 or MGMT 3820 or MGMT 3860 or PSYC 3520.

COMM 4020. Communication Theory. 3 hours. Process of theory construction with particular emphasis on human communication, elements and types of theories, theoretical logics, metatheoretical perspectives toward communication, and specific content theories of communication. Prerequisite(s): COMM 2020.

COMM 4021. Communication Research Methods. 3 hours. Experimental and quantitative techniques usable in research in communication. Prerequisite(s): COMM 2020.

COMM 4040. Rhetorical Theory. 3 hours. A study of rhetorical traditions that provide useful insights into how individuals engage in rhetorical transactions. Prerequisite(s): COMM 2140.

COMM 4060. Performance Theory. 3 hours. Examination and comparison of text-centered, performer-centered and audience-centered theories of performance; functions of performance; and methods for evaluating performance. Prerequisite(s): COMM 2060; COMM 3760 or COMM 3860.

COMM 4065. History of Performance Theory. 3 hours. Examination of the varied performance techniques, philosophies and conventions that have contributed to the formation of contemporary performance theory and practice. Covers approaches from classical to contemporary solo performance styles. Provides the opportunity to engage these performance traditions critically through discussion, analysis and creative reconstruction. Prerequisite(s): COMM 2060, COMM 3760 or COMM 3860; or THEA 1050 and THEA 2351.

COMM 4220. Gender and Communication. 3 hours. Examination of differences in communication behavior of males and females with particular reference to biological sex and psychological gender. Explores male and female communication in a variety of different contexts. Prerequisite(s): COMM 2020 or WMST 2100.

COMM 4240. Rhetoric, Culture and Ideology. 3 hours. Consequences of discourse on culture. May include communication throughout the life cycle, rhetorical creation and maintenance of social movements, international and intercultural rhetoric, feminist rhetorical criticism, ideological criticism, the rhetorical aspects of popular culture and the grounds for the criticism of culture from a rhetorical perspective. Prerequisite(s): COMM 2140.

COMM 4260. Performance and Culture. 3 hours. Examination of the role of performance in cultures. Research and analysis of texts and performance practices among various ethnic and cultural groups. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

COMM 4340. Rhetoric and Politics. 3 hours. Rhetoric of political campaigns, presidential rhetoric, legal communication, and the rhetorical creation, maintenance, use and legitimization of symbolic power. Prerequisite(s): COMM 2140 and COMM 3340.

COMM 4360. Performance Composition. 3 hours. Contemporary performance practices as critical and persuasive tools. Develops skills in reading, writing, analyzing and performing a broad range of texts to acquaint students with the variety of methods whereby performances can be composed. Prerequisite(s): COMM 2060 and COMM 3760 or COMM 3860 or COMM 3865.

COMM 4420. Communication and Relational Development. 3 hours. The role of communication processes in initiating, developing, defining, maintaining and dissolving various forms of human relationships. Examines the nature of communication in a variety of relational contexts. Prerequisite(s): COMM 2020.

COMM 4440. Issues in Freedom of Speech. 3 hours. Theories, doctrines, statutes and cases related to the First Amendment guarantee of freedom of speech. Prerequisite(s): COMM 2140.

COMM 4460. Performance Art. 3 hours. Survey of historical and contemporary avant-garde performance art. Examination of historical and contemporary movements to develop a critical lens and vocabulary for composing performances. Prerequisite(s): COMM 2060 or THEA 1050.

COMM 4800. Communication Internship. 1–3 hours. (0;0;1–3) Supervised work in a job directly related to the student's major, professional field of study or career objective. Prerequisite(s): communication studies major; junior or senior classification; minimum GPA of 3.0 on courses taken at UNT; completion of department core plus at least 6 upper-level hours in communication studies

at UNT; student must meet employer's requirements and have consent of department internship supervisor. May be repeated, but a maximum of 3 semesters credit hours of internship credit may be applied to the major in communication studies. Pass/no pass only.

COMM 4810. 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 evaluate communication practices critically through community engagement. Prerequisite(s): COMM 3010; and COMM 4020 or COMM 4040 or COMM 4060; and senior standing. Required for all communication studies majors.

COMM 4829. Topics in Interpersonal/ Organizational Studies. 3 hours. Rotating topics in interpersonal communication, organizational communication, or communication research methods. Prerequisite(s): COMM 2020. May be repeated for credit as topics vary.

COMM 4849. Topics in Rhetorical Studies. 3 hours. Investigation of various topics related to the study of humans using symbolic discourse to influence others. Theory and application using qualitative and historical/critical methodologies. Prerequisite(s): COMM 2140. May be repeated for credit as topics vary.

COMM 4869. Topics in Performance Studies. 3 hours. Rotating topics may include: performance of particular genres, including poetry narrative, drama or non-literary texts; performance methods, including thematic approaches to performance or historical styles of performance; or theoretical issues in performance, including narrative theory, intertextuality or New Historicism. Prerequisite(s): COMM 2060. May be repeated for credit as topics vary.

COMM 4900-COMM 4910. Special Problems. 1–3 hours each. Prerequisite(s): problem must be approved by department chair.

COMM 4950. Senior Honors Thesis. 3 hours. Available to COMM majors having completed at least 90 semester hours with an overall GPA of 3.50 or better. Prerequisite(s): COMM 4020 and COMM 4021, or COMM 3340 and COMM 4040, or COMM 4060.

COMM 4951. Honors College Capstone Thesis. 3 hours. Major research project 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 6 hours in honors courses; completion of at least 12 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.

Community Service

see Public Service

Composition, Music

see Music