

4900. Special Problems. 1–3 hours. Prerequisite(s): BCIS 2610 or equivalent; ACCT 2010 and 2020 with a grade of C or better; ECON 1100 and 1110; MATH 1100; MATH 1190 or equivalent; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken BCIS course or consent of department.

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.

Decision Sciences, DSCI

2710. Data Description and Analysis with Spreadsheets. 3 hours. Collection, description and analysis of numerical data. Data presentation, tables, charts and graphs, descriptive statistics, analysis of time series and index numbers, sampling techniques and distributions, estimation, confidence intervals, with applications in quality control and productivity. Prerequisite(s): MATH 1100 or equivalent, BCIS 2610 with a grade of C or better.

2870. Basic Operations Research. 3 hours. Quantitative methods of analyzing business problems; survey of cost, volume and profit analysis; inventory and production models, and linear programming; game theory; network analysis. Prerequisite(s): completion of mathematics requirement.

3710. Business Statistical Analysis Using Spreadsheets. 3 hours. Statistical inference for means and proportions, analysis of variance, correlation, simple and multiple regression. Extensive use of cases and spreadsheets. Prerequisite(s): DSCI 2710 with a grade of C or better; ACCT 2010 and 2020 with grades of C or better; ECON 1100.

3870. Management Science. 3 hours. Introduction to operations research for business decision making. Spreadsheet methods are used to evaluate the following: deterministic models; allocation problems, linear programming, sequencing and scheduling, and network models. Prerequisite(s): DSCI 2710 or consent of instructor; ACCT 2010 and 2020 with grades of C or better; ECON 1100 and 1110; MATH 1100; MATH 1190 or equivalent.

4510. Model-Based Decision Support Systems. 3 hours. How model-based decision support systems can be utilized as a key element within a managerial decision process. Attention is paid to how and why such a model is used in a support system environment. Topics include the use of mathematical, statistical and business models that are embedded within a decision support system for dealing with both structured and semi-structured decision problems. Prerequisite(s): DSCI 3870; BCIS 3610; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken DSCI course, or consent of department.

4520. Data-Based Decision Support Systems. 3 hours. Knowledge discovery in large databases, using data mining tools and techniques. Topics include data exploration, modeling and model evaluation. Decision making in a

case-embedded business environment is emphasized. Prerequisite(s): DSCI 3710; BCIS 3610; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken DSCI course, or consent of department.

4700. Problem Solving and Decision Making Process. 3 hours. Study of the process of decision making and the information requirements of decisions; decision support systems tool selection and DSS applications development. Prerequisite(s): BCIS 4660 or ACCT 4100 or LSCM 3960 or MGMT 3830; 2.7 UNT GPA (2.7 transfer GPA if no courses taken at UNT); a grade of C or better in each previously taken DSCI course, or consent of department.

4900. Special Problems. 1–3 hours.

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.

Management Science, MSCI – see *Graduate Catalog*

International Studies

International Studies, INST

2100. Introduction to International Studies. 3 hours. Introduces students to the six areas of concentration of the major—international politics and security, international business and economics, international development, regional studies, Africa and the Middle East, and peace studies.

4800. International Studies Internship. 3 hours. Students seek supervised work-related internships to any of the areas of concentration in the international studies major. The internship aims at the advancement of the student's professional field of study and career objectives. Prerequisite(s): international studies major status; junior or senior classification; minimum GPA of 3.0 and 6 upper-level hours in the student's primary area of concentration at UNT; student must meet employer's requirements and have consent of department internship supervisor. May be repeated for credit; up to 6 hours of internship may count towards the major. Pass/no pass only.

4850. International Studies Seminar. 3 hours. Topics vary and may cover any of the six areas of concentration of the major: international politics and diplomacy, international business and economics, international development, area studies, international security, and peace and human rights issues. Students explore issues that affect our world in the 21st century. May be repeated for credit as topics vary.

4900-4910. Special Problems. 1–3 hours each. Prerequisite(s): consent of department.

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.

Italian

see Foreign Languages and Literatures

Japanese

see Foreign Languages and Literatures

Jazz Studies, Music

see Music

Journalism

Journalism, JOUR

1210 (COMM 1307). Mass Communication and Society. 3 hours. Principles of mass communication including historical, economic, social, ethical and legal factors influencing the operation and content of the mass media. Impact of new technology in changing the media. A survey of mass communication areas (newspapers, magazines, advertising, public relations, television, wire services, Internet and networks), and careers they offer. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

2010 (COMM 2327). Principles of Advertising. 3 hours. Economic and social aspects, research, creative functions, media, production, and federal laws affecting advertising; fundamentals of advertising copy, layout and presentation techniques.

2200. Computer Applications for Journalists. 3 hours. (1;4) A lab experience with online modules using technology for print and electronic applications for news media, public relations and advertising. Core experience with desktop and web publishing, along with video/ audio applications, is coupled with choices of modules covering databases, typography, podcasting, photography/ videography and more. In-class modules with professors feature theoretical perspectives on visual communication, ethics and hands-on group experiences with clients and deadlines. Prerequisite(s): pre-major status; JOUR 1210; students must pass the Grammar, Spelling and Punctuation exam before enrolling.

2310 (COMM 2311). Introduction to Media Writing. 3 hours. (3;2) Fundamentals of writing, reporting and information gathering for a variety of journalism professions including advertising, newspapers, public relations, broadcast and web. Prerequisite(s): students must pass the

Grammar, Spelling and Punctuation exam before enrolling, and must have successfully completed two terms/semesters of first year English.

2320 (COMM 2315). News Writing and Reporting. 3 hours. (3;4) Continued practice in news gathering and writing to develop news judgment, craftsmanship and ability to handle complex news stories. Regular campus beat and special assignment reporting. Prerequisite(s): JOUR 2310.

2330. Introduction to Visual Communication for News. 3 hours. Introduction to basic video photography and editing, still photography and editing, and audio recording and editing for use in news and a digital multi-media environment. Instruction in theory and practice of visual and audio storytelling for news programming. Instruction may include the operation of digital video cameras, digital still cameras, voice recorders and video and audio editing software and hardware including non-linear editing systems. Prerequisite(s): Grammar, Spelling and Punctuation exam; journalism pre-major status and consent of school.

2340. Writing for Electronic News Media. 3 hours. Theory and practice of writing and editing for radio, television and web-based news. Topics include news judgment, script formats and style for radio, TV and web news. Regular writing assignments, lectures and critiques. Possible hands-on writing for student media including student web sites. Prerequisite(s): ENWS/RTVF/JOUR major status.

2420. Principles of Public Relations. 3 hours. Principles, techniques and ethics used in research, planning, communicating and evaluating public relations programs for corporations, PR agencies, non-profits, government, educational institutions, civic organizations and others. A survey of the history and development of the profession in the United States, with emphasis on recent technological changes and challenges in a pluralistic society. Basic PR writing forms introduced.

3020. Advertising Concepts. 3 hours. Explores classic and current advertisements and campaigns, ethics in advertising, diversity and fundamentals in developing ads and other writing by advertising professionals. Students critically analyze different advertising appeals, how advertising fits into American culture and roles in advertising. Prerequisite(s): journalism major or minor status.

3040. Advertising Media and Marketing Strategy. 3 hours. Print, broadcast and web time-buying procedures important to media salespeople as well as to advertising agency media buyers. Assignments in audience research including understanding uses of audience tracking services, identifying media that reach definitive target audiences and using effective media mixes. Prerequisite(s): journalism major or minor status.

3200. Mass Communication Research Methods. 3 hours. Introduction to quantitative and qualitative methods used to study audiences, contents and effects of mass media, especially focusing on advertising and public relations communication and utilizing social science research skills and statistical analysis. Approaches include content analysis, survey research, focus groups and other experimental studies. Prerequisite(s): MATH 1680 and journalism major or minor status.