

COMM 403 Computer Assisted Reporting (3). A systematic approach to investigative reporting using computer and internet technologies. Emphasis is on in-depth reporting. Includes web publishing. Prerequisites: COMM 203/203L, 304.

COMM 404 Online Communication (3). The convergence of print, audio and video on the Internet. Current practices and future possibilities of online journalism. Characteristics of the Web that distinguish it from traditional media. Prerequisites: COMM 203/203L.

COMM 412 Photojournalism (3). Photos as effective tools of communication: includes news, features and photo essay. Photo page layout and cut line writing covered. Lab fee required. Prerequisite: COMM 212. Concurrent enrollment: COMM 412L.

COMM 412L Photojournalism Laboratory (NC). Concurrent enrollment: COMM 412.

COMM 414 Mass Media Law (3). A study of the development of mass media law with an emphasis on case studies in such areas as the First Amendment, libel, copyright and privacy. Prerequisite: junior standing. Prerequisite: COMM 300.

COMM 415 Ethics of Public Communication (3). Discussion of a variety of issues in ethical theory as it bears on the practice of public communication. Case studies from all fields of communication. Prerequisites: COMM 300; senior standing.

COMM 420 Documentary Writing and Production (3). The pre-production, production and post-production of television documentaries. Prerequisites: COMM 203/203L or 335, 220/220L.

COMM 422 Directing for Television (3). Advanced planning and production of television programs with emphasis on direction, with practical experience in directing various types of television programs. Prerequisite: COMM 328. Concurrent enrollment: COMM 422L.

COMM 422L Directing for Television Laboratory (NC). Advanced directing techniques for both studio and electronic field production. Concurrent enrollment: COMM 422.

COMM 423 Radio Station Operations (3). Radio reporting, writing, announcing, programming and management. Students will work in audio production lab and student radio station.

COMM 428 Media Management (3). Study of management processes of media organizations. Special attention given to personnel, content/programming, advertising, community relations, economic and legal problems. Case study emphasized. Prerequisites: COMM 103, 300.

COMM 440 Sports Media Production (3). Production of sports media products including play-by-play broadcasts, talk shows, media guides, websites and the writing of television, radio, print and online stories. Focus on all aspects of production. Prerequisite: COMM 340.

COMM 447 Organizational Communication (3). Basic concepts related to communication in organizations: management philosophy translated into communicative behavior of interpersonal, group and public nature; approaches to solving organizational communication problems using a systems perspective. Prerequisites: COMM 101/101L, 102 or 202, 300.

COMM 456 Event Management (3). Aspects of event and conference management studied, including promotion, facilities, budgets, planning and evaluation. Students involved in actual events. Prerequisites: COMM 260, 303, 307.

COMM 460 Public Relations Cases and Campaigns (3). Selected public relations case studies and a directed public relations campaign project with local and/or regional client organization. Prerequisites: COMM 260, 303, 306 or 307; senior standing.

COMM 468 Workshop in Communication (1-3). As announced. (May be repeated for a maximum of 6 hours.)

COMM 470 Interpersonal Communicative Behavior (3). Communication in the process of developing and maintaining individual self-image, relationships, and roles in groups/society; transactional states in relationships, emotional social isolation, communicative behaviors among youth and the elderly. Prerequisites: COMM 101/101L, 102 or 202, 300.

COMM 475 Gender Communication (3). Explores variations in communication behavior related to biological sex and psychological gender. Examines male and female communication issues in relationships, organizations and the media.

COMM 477 Family Communication (3). Examines the principles of family communication in a variety of family types. Explores communications issues including aging, conflict, intimacy, rules and stories.

COMM 489 Communication Internship (1-6). Full-time supervised work with a radio station, television station, newspaper, advertising agency, public relations agency or other media-related firm. Only 6 hours can be applied to major. Prerequisites: 3.00 GPA in the major and junior standing. Internship application must be completed the semester prior to the internship.

COMM 491 Directed Study (1-3). Independent study. (May be repeated for a maximum of 4 hours.) Prerequisites: consent of instructor; junior or senior standing.

COMM 493 Topics in Communication (1-3). As announced. (May be repeated for credit.)

COMM 498 Senior Seminar (1). Course is designed to help graduating seniors assess, integrate, reflect upon and gain closure on the meaning of the undergraduate experience. Portfolio preparation included. Prerequisite: senior standing.

Communicative Disorders (CDIS)

CDIS 143 Introduction to Communicative Disorders (3). Normal processes of speech, language and hearing: major kinds of speech, language and hearing disorders; implications for future speech and hearing clinicians, teachers and others; related professional problems, services and organizations. (F, S)

CDIS 250 Speech and Language Development (3). Speech/language learning process in the child: analysis of the phonological, morphological, semantic, syntactic and pragmatic aspects of speech/language development; review of current theory and research in speech/language acquisition. (F)

CDIS 252 Phonetics (3). The position, movements and acoustic properties of speech sounds. Training in transcription provides students with the ability to describe normal speech, dialects and substandard speech. (S)

CDIS 268 Workshop in Communicative Disorders (1-3). As announced. (May be repeated for a maximum of 6 hours.)

CDIS 293 Topics in Communicative Disorders (1-3). As announced. (May be repeated for credit.)

CDIS 300 Speech-Language Anatomy and Physiology (3). Anatomy of the normal speech mechanism, physiologic, acoustic and perceptual characteristics of speech. Prerequisites: BIOL 207/207L or 209/209L; PHYS 113/113L or 151/151L. (F)

CDIS 302 Hearing/Vestibular Anatomy and Physiology (3). Introduction to acoustics and the anatomy and physiology of the auditory and vestibular systems. Brief overview of elementary concepts in psychoacoustics and the perceptual correlates of audition. Prerequisites: CDIS 143; BIOL 207/207L or 209/209L; PHYS 113/113L or 151L; junior standing. (F)

- CDIS 311 Articulation Disorders (3).** Characteristics, causes and treatment of articulation disorders in children and adults. Prerequisites: CDIS 250, 252, 300. (S)
- CDIS 332 Language Disorders in Children (3).** Types of language disorders in children. Includes evaluative procedures and development of individualized therapy programs for children. Prerequisite: CDIS 250. (S)
- CDIS 342 Basic Audiology (3).** Introduction to pathologies of the auditory and vestibular systems and the basic audiologic evaluation with emphasis upon pure tone and speech audiometry, clinical masking, acoustic immittance and interpretation. Prerequisites: CDIS 143; CDIS 302; junior standing. (S)
- CDIS 400 Speech Science (3).** Advanced science course in normal speech production and perception. Topics include the evolution of speech, research in speech perception, acoustic phonetics, laboratory instrumentation and computer applications. Prerequisites: CDIS 252, 300, 302. (F)
- CDIS 421 Neuroscience of Communication (3).** Normal and pathological neuroanatomy and neurophysiology of speech, language and hearing. Prerequisites: CDIS 300, 302; senior standing. (S)
- CDIS 424 Language Assessment (3).** Administration, scoring and interpretation of standardized tests. Consideration will also be given to the informal assessment of language disorders in children. Prerequisites: CDIS 250, 252, 332. (F)
- CDIS 433 Medical Aspects of CDIS (3).** Selected topics in medicine and health care that are important for the speech-language pathologist and audiologist. Prerequisite: consent of instructor. (S)
- CDIS 434 Aural Rehabilitation (3).** Effects of hearing loss in adults and children. Considerations in the management of the deaf and hard-of-hearing, including electroacoustic amplification and communication therapy. Prerequisites: CDIS 143, 302, 342; senior standing. (F)
- CDIS 443 Clinical Management (3).** Methods and techniques of clinical management, establishment of a basic clinical armamentarium, observation and limited participation in clinical activities. Prerequisites: CDIS 311, 332. (F)
- CDIS 444 Speech-Language Apprenticeship (1).** Preclinical, practical experience designed to acquaint the student with the provision of speech, language and/or hearing services, by assisting a graduate student clinician, speech-language pathologist or audiologist. Prerequisites: CDIS 443; consent of instructor. (F, S)
- CDIS 445 Speech-Language Practicum (1).** Supervised clinical experience including speech-language and hearing intervention, speech-language screenings and hearing screenings. Conferences and record keeping. Attendance at one-hour clinician's meeting each week is required. Prerequisites: CDIS 443; consent of instructor. (May be repeated for a maximum of 2 credits with consent of instructor). (F, S)
- CDIS 446 Audiology Practicum (1).** Supervised clinical experience in hearing screenings, audiologic evaluations and/or aural rehabilitation, with associated report writing. Prerequisites: CDIS 443; consent of instructor. (May be repeated for a maximum of 2 credits with consent of instructor). (F, S)
- CDIS 468 Workshop in Communicative Disorders (1-3).** As announced. (May be repeated for a maximum of 6 hours.)
- CDIS 491 Directed Study (1-3).** Independent study. (May be repeated for a maximum of 4 hours in each area.) Prerequisite: consent of instructor. A. Audiology; B. Speech pathology
- CDIS 493 Topics in Communicative Disorders (1-3).** As announced. (May be repeated for credit.)

Computer Information Systems (CIS)

- CIS 151 Basic Computer Skills (3).** Microcomputer operations; terminology, concepts and applications to include spreadsheets, database and word processing. (F, S)
- CIS 185 Introduction to Computer Information Systems (3).** Survey of information systems, hardware functions, operating systems software, applications software and systems development. Introduction to Web and Object Oriented programming. Coverage of Microcomputers to Mainframes. Prerequisite or concurrent enrollment: CIS 151. (F, S)
- CIS 241 Introduction to Web Development (3).** Basic fundamentals of Internet-related technologies and their impact. Effective design of World Wide Web pages using current WWW publishing languages. Prerequisite: CIS 151. (F, S)
- CIS 268 Workshop in CIS (1-3).** As announced. (May be repeated for a maximum of 3 credits.) Prerequisites: BUS 151; consent of instructor.
- CIS 293 Topics in CIS (1-3).** As announced. (May be repeated for a maximum of 6 hours of credit.) Prerequisites: BUS 151; consent of instructor.
- CIS 300 Object Oriented Programming (3).** Concepts and application of Object Oriented Programming (OOP) using software development facilities of Visual Studio.Net. Prerequisites: BUS 151; CIS 185. (F, S)
- CIS 314 Overview of Operating Systems/Utilities (3).** An overview of computer operating systems from PCs to mainframes. Includes OS theory and structure as well as an introduction to system control parameters, utilities, services and command language. Prerequisites: BUS 151; CIS 185. (F)
- CIS 330 Business Web Site Design (3).** Analysis of page layout, web site design, graphics design and marketing concepts for effective electronic commerce. Prerequisite: BUS 151; CIS 185, 241. (S)
- CIS 331 Data Communications and Networking (3).** Concepts of data communications hardware, software, protocols, architecture, networks and voice communication circuits. Prerequisites: BUS 151; CIS 185. (F, S)
- CIS 343 Database Management Systems (3).** Analysis, design and implementation of database systems. Database application development in stand-alone, multi-user and distributed environments. Fundamentals of ANSI SQL. Prerequisites: BUS 151; CIS 185, 300. (F)
- CIS 351 Microcomputing for Business (3).** Evaluation of and advanced applications of electronic spreadsheets, database management and graphics for the microcomputer. Prerequisites: BUS 151; CIS 151; STAT 213. (F, S, Su)
- CIS 420 Systems Development (3).** Information systems methodologies and enterprise-wide managerial and organizational problems. Project management techniques, security techniques, system testing and implementation. Prerequisites: BUS 151; CIS 185; CIS 300 and/or 343. (S)
- CIS 430 Advanced Web Development (3).** Development, documentation and debugging of World Wide Web scripting language applications. Use of various scripting languages to create server side applications. Prerequisite: BUS 151; CIS 330, 343. (F)
- CIS 435 Network Infrastructure Design (3).** Designing computer networks covering topics such as TCP/IP addressing, routing, DHCP, WINS, and DNS. Prerequisites: BUS 151; CIS 331. (S)
- CIS 440 Network Infrastructure Implementation and Administration (3).** Concepts for implementing and administering corporate network systems spanning multiple geographical regions and using various network operating systems and protocols. Prerequisites: BUS 151; CIS 435 or concurrent enrollment in CIS 435. (S)