

NORTHWESTERN

Undergraduate Catalog 2009–10

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This catalog for the academic year beginning September 1, 2009, contains University regulations and information about the programs and courses offered by the Judd A. and Marjorie Weinberg College of Arts and Sciences, School of Communication, School of Education and Social Policy, Robert R. McCormick School of Engineering and Applied Science, Medill School of Journalism, and Henry and Leigh Bienen School of Music and about cross-school undergraduate programs. Failure to read this catalog does not excuse a student from knowing and complying with its content.

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School of Communication

www.communication.northwestern.edu

Communication is at the root of nearly everything we do, and mastering the art of communication can open doors in a wide range of careers, from law and medicine to acting, directing, writing, and producing.

The School of Communication's mission is based on a philosophy of performance. We seek to improve the practice of communication, whether on the stage or screen, at the podium, in the clinic, or in everyday life.

The school is committed to building the basic and applied sciences of communication; developing theoretical and critical perspectives on communicative performances; creating new technologies for communication and new modes of artistic expression; and helping students to be more effective in their work, at home, and in civic life by applying principles of communication. Undergraduates work in partnerships with world-class faculty to create new understandings and develop new approaches to human communication. The curriculum provides students with a solid liberal-arts education that broadens and enriches their studies of human expression and interaction.

Founded by Robert Cumnock in 1878, the School of Communication is now the third largest of Northwestern's six undergraduate divisions. It annually enrolls more than 1,200 undergraduate majors and 400 graduate students.

Originally, the curriculum and its related activities were concerned with public speaking and interpretative reading as performing arts. As the field grew, the school added instruction in theatre, speech pathology, audiology, radio, television, film, and other specialties in oral communication. Throughout its history the school has often been a pioneer in new fields of study, including film and audiology.

Today the five departments of instruction represent the diverse spectrum of study in the field of communication: communication sciences and disorders; communication studies; performance studies; radio/television/film; and theatre (including dance). All departments offer graduate courses. The School of Communication sponsors dance, debate, media arts, and theatre arts divisions of Northwestern's National High School Institute.

This wide range of educational activities is housed in the Frances Searle Building — which includes administrative offices, a student resource center, two departmental offices, and laboratory and research spaces — as well as in the school's original building, Annie May Swift Hall; two former residences on Chicago Avenue; the Theatre and Interpretation Center; and John J. Louis Hall, a state-of-the-art studio production facility.

In 2008 Northwestern opened a branch campus in Qatar, where programs in communication and journalism are offered. (See Campuses in The University chapter of this catalog.)

ACADEMIC POLICIES

Requirements for the Degree of Bachelor of Science in Communication

The School of Communication grants the degree of bachelor of science in communication upon (1) the satisfactory completion of 45 course units; (2) the fulfillment of the distribution requirement of the student's major department; and (3) the completion of an approved program of study in communication and related fields suited to the student's special interests and needs. In the Departments of Communication Studies and Radio/Television/Film, the required program of study includes language requirements. Please see the major requirements for details. If students interrupt the program of study for an extended period of time and degree requirements are changed during this period, they are normally held to the new requirements.

In addition to and independent of the requirements set by the School of Communication, students must satisfy the Undergraduate Residence Requirement (see page 23).

Requirements for the Degree of Bachelor of Arts in Communication

The Departments of Communication Studies, Performance Studies, Radio/Television/Film, and Theatre (including dance) offer the bachelor of arts in communication. The requirements for this degree are identical to the requirements for the bachelor of science in communication with the addition of a foreign language requirement. To earn the bachelor of arts in communication, students — in addition to completing the degree requirements for the bachelor of science — must demonstrate two-year proficiency in a classical or modern foreign language. Proficiency is established in precisely the same manner as in the Weinberg College of Arts and Sciences; see page 42 in the Weinberg College chapter of this catalog.

General Requirements

Of the 45 courses required for all major programs in the School of Communication, the last 23 courses must be taken while the student is enrolled as an undergraduate in Northwestern University, and the student must be enrolled

in the School of Communication for the last 3 quarters preceding the granting of the degree. Credit for summer work taken at other colleges or universities as part of the last 23 courses requires approval by petition.

Of the required 45 units, 35 must be completed with grades of A, B, or C (grades of C- do not satisfy this requirement). A minimum of 18 courses must be taken outside the major department (see distribution requirements, below). All courses applied to a major, minor, and adjunct major and all distribution courses must be completed with a grade of C- or higher. Courses offered by the major department may not be taken for a P grade. D and P grades may apply only to the elective requirement.

A transfer student will be required to complete at least 11 courses in the School of Communication at Northwestern. A communication placement interview is required at the time of first registration for all transfer students.

Distribution Requirements

All major programs in communication require 18 courses outside the major department in the following areas:

- Science, mathematics, and technology
- Individual and social behavior
- Humanities and fine arts

Students should consult the department concerned for the range of disciplines within each category and the number of courses required.

Major Programs in Communication and Related Requirements

All students in the School of Communication must meet the requirements of one of the following major programs: human communication sciences, communication studies, performance studies, radio/television/film, theatre, or dance. Basic communication courses are required in all programs, and provisions are made for study in other divisions of the University to complement the major program.

Student Conduct in Communication Courses

All undergraduate students enrolled in School of Communication courses are held accountable to the University's standards of academic integrity (see Academic Integrity on page 28 in the Undergraduate Education chapter of this catalog). They also are responsible for compliance with the following standards:

- Attendance is required in all courses, and excessive absence is cause for failure.
- Credit will not be given for 2 courses that meet at the same time.
- All assigned work must be completed to receive course credit.
- Assignments must be turned in on time, and examinations must be taken as scheduled; assignments cannot be made up or grades of incomplete given without prior approval from the instructor.

Advising

Each student is assigned an adviser within the School of Communication. This adviser is available for consultation, especially for the purpose of planning for the next registration. Freshmen have a separate advising period before the fall registration. Ultimate responsibility for meeting degree requirements rests with the student.

See the Cross-School Options chapter for opportunities open to all Northwestern undergraduates.

ACADEMIC OPTIONS

Adjunct Major

Animate Arts

www.communication.northwestern.edu/programs/adjunct_major_animate_arts

Open to all Northwestern undergraduates, the adjunct major in animate arts provides an interdisciplinary approach to studying and creating new digital media. Its curriculum tightly integrates education in the arts and in technology, particularly computer programming. The program's flagship 4-unit course sequence in computer-based art and new media introduces students to 2-D and 3-D design and visual literacy, acoustic theory, sound processing, and narrative theory, as well as computer science and cognitive science. A primary focus of this sequence is to provide students with multiple opportunities to actively integrate various art forms with technology in developing creative projects. Pieces are critiqued both as works of art and as engineering. The interaction between art practice and art theory is addressed through discussions, critiques, and readings, examining issues in the interpretation, understanding, and production of art and visual culture.

The goal of this major is to create a community of creative thinkers and makers that transcends cultural barriers between and among disciplines.

For courses taken for the adjunct major,

- No course may be taken P/N
- A grade of C- or above is required in all courses used to fulfill major requirements
- Students may double-count 2 courses toward another or from another major or minor, provided that the rules of that major/minor allow the double-counting.

Requirements for the Adjunct Major (10 units)

- 4 core courses: ANIM ARTS 101, 201, 301, 302
- 2-quarter senior project: ANIM ARTS 396-1,2
- 4 electives chosen from a list published on the animate arts web site every academic year; other courses may be allowed upon petition by the student

Courses

ANIM ARTS 101-0 Perceptual and Mathematical Spaces

Emphasis on developing basic seeing, listening, and critiquing skills as well as the fundamentals of software design. Topics include visual design and sound design, functional programming and 2-D graphics, art theory and cultural theory, basic photography, and audio editing.

ANIM ARTS 201-0 Perception and Programming in Time

Introduction to the basic principles and practice of time-based media. Topics include narrative theory, rhythm, composition of moving images, film and video editing, imperative programming, and computer game design.

ANIM ARTS 301-0 Interaction and Interactivity Introduction to the design of interactive 2-D and 3-D graphical systems.

Topics include dynamical systems theory, animation, sculptural design, and 3-D modeling.

ANIM ARTS 302-0 Culture and Connectivity Seminar course in contemporary issues in culture and new media. Topics include mass culture and the avant-garde, the role of the market in art and media, computer networking protocols and technologies, web development, and C-style programming languages. Emphasis on projects and in-class discussion of readings.

ANIM ARTS 396-1,2 Senior Design Project A capstone course in which students develop a large-scale group or individual work over two quarters. Emphasis on outside project work. Class meetings involve group and individual critiques as well as issues in project planning and management. Prerequisite: 302 or consent of instructor.

Minor Programs

The School of Communication offers five minor programs: dance, film and media studies, human communication sciences, sound design, and theatre. Students cannot earn both a major and a minor in the same area. Students wishing to pursue a minor should contact the appropriate department to be assigned a minor adviser. No course for the minor may be taken utilizing the P/N option, and all classes must be completed at a grade of C- or higher in order to be counted toward the minor. School of Communication minors are open to all Northwestern undergraduate students. Please see the appropriate departmental sections for descriptions of the minors in human communication sciences, theatre, and dance.

Film and Media Studies

www.communication.northwestern.edu/programs/minor_film_media_studies

The Film and Media Studies Program brings together faculty and students from across the University who are interested in thinking about film and media within a broad intellectual framework. Students in this interdisciplinary program acquire critical tools for analyzing traditional and new media, as well as knowledge of some crucial historical and interpretive problems raised by the study of media

within the context of the humanities and social sciences. Students who minor in film and media studies are encouraged to participate in the rich and varied media offerings of the University, including film series and individual film screenings, workshops, performances, exhibitions, and presentations by invited speakers. Students must formally apply to minor in film and media studies in the School of Communication's Department of Radio/Television/Film.

The minor requires 7 courses:

- RTVF 220 Analyzing Media Texts
- COMP LIT 206 Literature and Media
- 5 additional courses with a primary emphasis on film and/or media studies, including at least 3 at the 300 level

Relevant courses are offered by departments and programs in both Weinberg College and the School of Communication, including comparative literary studies, some language departments, and radio/television/film. A list of eligible courses is available from program advisers and on the program's web site. Other courses also may be counted toward the minor with the approval of a film and media studies adviser.

Sound Design (6 units)

www.communication.northwestern.edu/programs/minor_sound_design

The minor in sound design allows students to study and create work in sound as it relates to film/video, new media, theatre, radio, and installation/exhibition projects. The minor draws on courses offered through the School of Communication, Bienen School of Music, and Weinberg College of Arts and Sciences. The minor is open to all Northwestern undergraduate students.

Students take 6 of the following courses:

- RTVF 379 Topics in Film/Video/Audio Production (sound design topics may include Advanced Audio Post-production, Sound Design for Horror, Sound Design for Comedy, Advanced Foley, Sound Design for the Web)
- RTVF 383 Sound Production
- RTVF 384 Foundations of Sound Design
- RTVF 398 Symposium: Issues in Radio/Television/Film (History/Aesthetics of Sound Design)
- RTVF 399 Independent Study
- THEATRE 263 Theatre Sound
- THEATRE 363 Theatre Sound
- MUS TECH 321 Producing in the Virtual Studio
- MUS TECH 335 Selected Topics in Music Technology (sound design topics may include Recording and Basic Audio, Studio Techniques for Electroacoustic Media)
- MUS TECH 337 Multimedia for the Web
- MUS TECH 338 Programming
- MUS TECH 340 Composing with Computers
- MUS TECH 342-1,2 Computer Sound Synthesis
- MUS TECH 348 3-D Sound and Spatial Audio
- MUS TECH 441 Advanced Computer Composition
- MUS TECH 450 Advanced Audio Processing

Certificate Programs

Creative Writing for the Media

www.communication.northwestern.edu/programs/certificate_creative_writing_media

Designed for students seriously interested in pursuing careers as writers for film, television, or theatre, the Program in Creative Writing for the Media includes courses in playwriting, writing for film and television, and other specialized areas, taught by faculty from the performance studies, theatre, and radio/television/film departments. Sophomores in the School of Communication may apply (incoming freshmen with sophomore status through advanced placement credits are not eligible to apply); up to 12 are accepted each year. Students must be available to participate in the program for all six quarters. Registration each quarter is for CMN 350. Students must maintain a yearly average of B- in the courses and must complete all six courses to earn the certificate.

Music Theatre

www.communication.northwestern.edu/programs/certificate_music_theatre

The Certificate in Music Theatre provides the opportunity for Bienen School of Music students majoring in voice and School of Communication students majoring in theatre to create a second area of specialization that is important to their development as musical theatre artists. For voice majors the program provides training in acting and other theatre courses. Theatre majors have weekly voice classes and exposure to other music offerings.

The prescribed sequence of courses is open only to students accepted into the program through audition. The auditions are held annually in the spring quarter and are limited to freshman and sophomore theatre and voice majors. Auditionees are required to perform a vocal selection and a monologue and to participate in a dance audition.

Certificate Requirements for Theatre Majors (9 units)

- VOICE 102 Beginning Voice (1.5 units)
- MUSIC 127 Keyboard Skills (1 unit)
- VOICE 202 Intermediate Voice (1.5 units)
- THEATRE 352-1,2 Music Theatre Techniques (2 units)
- THEATRE 367 History of the Lyric Theatre (1 unit)
- 6 dance classes (.33 unit each; 2 units total)

It is also recommended that sophomores enroll in THEATRE 272 Special Topics: Music Theatre.

For certificate requirements for voice majors, see page 244

Graduate Study

The School of Communication has been a national center for graduate study and research in the fields of communication arts and sciences for many years. Programs for the master of arts, master of fine arts, and doctor of

philosophy degrees with majors in communication are administered by the Graduate School of Northwestern University. All candidates for these degrees must satisfy the Graduate School requirements. The school itself offers the doctor of audiology and master of science in communication degrees.

Requirements for the departmental and thesis master's degrees, the master of fine arts, and the doctor of philosophy degrees in any division of the School of Communication are described in the Graduate School catalog. Requirements for the master of science in communication and doctor of audiology degrees are available from the School of Communication.

INTRODUCTORY AND RELATED COURSES IN GENERAL COMMUNICATION

GEN CMN 101-0 Interpersonal Communication Laboratory experience in human interaction. Analysis of communication within groups.

GEN CMN 102-0 Public Speaking Theory, composition, delivery, and criticism of public speeches.

GEN CMN 103-0 Analysis and Performance of Literature Critical reading, written analysis, and performance of literary texts; general introduction to performance studies.

GEN CMN 104-0 Argumentation and Debate Theories of argumentation and debate, with many opportunities for practice. Analysis and evaluation of the discourse related to public controversies.

GEN CMN 108-0 Human Communication Disorders Basic facts and principles of human communication and its disorders. Laboratory experience provides an introduction to research in human communication science.

GEN CMN 110-0 Voice for Performance Intensive individual development and use of voice for performance. Open to theatre majors only.

GEN CMN 115-0 Freshman Seminar Small courses that feature investigations of complex contemporary social issues explored in pedagogically innovative ways.

GEN CMN 204-0 Paradigms and Strategies of Leadership Theoretical models of leadership. Group vision, change, and decision making. Weekly student-led small groups discuss case studies.

GEN CMN 206-1,2 Leadership Education Seminar Open to students in the Undergraduate Leadership Program.

COMMUNICATION SCIENCES AND DISORDERS

www.communication.northwestern.edu/departments/csd

The Roxelyn and Richard Pepper Department of Communication Sciences and Disorders offers a major in human communication sciences, providing undergraduate students with a foundation for the study of disorders of hearing, speech, language, and learning. The department's classroom, clinical, and research facilities are located in the Frances Searle Building on the Evanston campus.

The undergraduate program emphasizes the basic science principles underlying all human communication and cognition and introduces students to clinical issues and research findings that pertain to disorders of communication and learning. The major in human communication sciences is particularly appealing to students who plan to attend graduate or professional school in fields such as medicine, dentistry, and neuroscience as well as audiology and hearing sciences, learning disabilities, and speech and language pathology. Students who do not pursue medical, clinically based, or research graduate degrees may enter careers in health-related private industry or the public sector.

Undergraduate majors in human communication sciences have the option of pursuing a general course of study, typical for most premed students, or of choosing among three areas of concentration: audiology and hearing sciences, learning disabilities, and speech and language pathology.

Audiology and hearing sciences encompasses the study of hearing, hearing disorders, and the treatment of hearing disorders. Emphasis is on basic communication science, including study of the anatomical, physiological, and physical bases of hearing. Undergraduate courses present information on normal communication processes and provide an introduction to audiologic assessment and hearing loss management.

Learning disabilities is concerned with learning processes and their dysfunctions, including disorders of perception, memory, language, and conceptualization. Such disorders lead to problems in the acquisition and use of oral language, reading, writing, and math skills that require specialized remediation. Undergraduate course work stresses theoretical, scientific, clinical, and educational issues as a foundation for advanced training.

Speech and language pathology introduces students to the psychological, linguistic, neurological, acoustic, anatomical, and physiological bases of normal speech and language behavior. As their knowledge of normal speech, language, learning, and hearing processes increases, students are introduced to the communicative disorders that result from the disruption of these processes. Advanced undergraduate courses are concerned with the nature, recognition, and management of common communicative disorders and present issues related to administration and public policy.

Accelerated Degree Program in Medical Education

Students admitted to the Honors Program in Medical Education with an emphasis in human communication sciences must meet the 300- and 400-level course requirements of the department (see following description). However, because they spend only three years on the Evanston campus, they take fewer 100- and 200-level courses in the department and the School of Communication than some four-year undergraduates.

For information on applying to HPME, see Special Admission Programs on page 17. For a description of the program, including requirements, see page 35 in the Cross-School Options chapter of this catalog.

Honors Program

An honors program is available for students in their senior year who have maintained an outstanding undergraduate record through their junior year. Upon successful completion of an honors project, they will graduate with honors in communication sciences and disorders. Also see Honors and Prizes on page 29 in the Undergraduate Education chapter of this catalog.

Independent Study

Students may register for units of independent study, in which they work closely with a faculty member on a topic of mutual interest. Students interested in independent study should select courses that may lead to more advanced library or laboratory research.

Requirements for a Major in Human Communication Sciences

There is one set of requirements for a major in human communication sciences. However, well-designed course plans are recommended for each area of concentration. Students should consult their adviser for details.

- 2 GEN CMN courses: 108 and a choice of 101, 102, or 103; both must be passed with a grade of C (not C-) or higher
- A total of 13 CSD courses, all of which must be passed with a grade of C (not C-) or higher, and including the following:
 - 100-level course: 112
 - 200-level course: 202
 - 300- and 400-level courses in communicative disorders: 10 courses, including 3 clinically oriented and 3 basic science courses
 - Statistics: a choice of 304 (which fulfills both the statistics requirement and 1 of the 13 CSD course requirements) or 1 of 2 non-CSD statistics courses — PSYCH 201 or STAT 210 — neither of which fulfills 1 of the 13 CSD course requirements
 - Writing proficiency: requirement for all students
 - Distribution requirements: 18 courses outside the department, including 3 in the School of Communication's science, mathematics, and technology distribution area (1 in mathematics, 1 in biology, and 1 in physics or chemistry; either the biology or the physics/chemistry course must have a lab component); 3 in the school's individual and social behavior distribution area; 3 in the school's humanities and fine arts distribution area; and 9 additional courses outside the department, including 3 in any combination of science, mathematics, technology, and/or individual and social behavior

- Electives in communication and other areas to complete a minimum of 45 courses

Also see the description of requirements for students admitted to the Honors Program in Medical Education on page 35.

Human Communication Sciences Minor (7 units)

www.communication.northwestern.edu/programs/minor_human_communication_sciences

A minor in human communication sciences requires at least 7 courses in the communication sciences and disorders department. No courses for the minor may be taken using the P/N option, and all classes must be completed with a grade of C- or higher in order to be counted toward the minor.

- CSD 202 Neurobiology of Communication (or another 200- or 300-level course if granted a waiver based on course work in another department)
- At least 3 300- or 400-level basic science courses chosen from the following (students should consult with their adviser for other course options):
 - CSD 301 Anatomy and Physiology of the Vocal Mechanism
 - CSD 302 Anatomy and Physiology of the Peripheral Hearing Mechanism
 - CSD 303 Brain and Cognition
 - CSD 306 Psychoacoustics
 - CSD 307 Acoustic Phonetics
 - CSD 309 Culture, Language, and Learning
 - CSD 310 Biological Foundations of Speech and Music
 - CSD 350 Cognitive Development in Atypical Learners
 - CSD 392 Language Development and Usage
 - CSD 399 Independent Study
 - CSD 406 Functional Neuroanatomy
- At least 3 300- or 400-level clinical courses chosen from the following (students should consult with their advisers for other course options):
 - CSD 318 Introduction to Audiology
 - CSD 336 The Field of Special Education
 - CSD 339 Early Communication Intervention with Infants and Toddlers
 - CSD 373 Introduction to Learning Disabilities
 - CSD 375 Diagnostic Procedures for Exceptional Children
 - CSD 376 Remedial Education for Children with Learning Disabilities
 - CSD 396 Diagnostic Procedures in Speech and Language Pathology
 - CSD 419 Pediatric Audiology
 - CSD 438 Dysphagia
 - CSD 444 Development and Disorders of Mathematics
 - CSD 465 Hearing Impairment
 - CSD 491 Articulation and Phonological Disorders in Children
 - CSD 493 Vocal Physiology and Pathology

Courses for Undergraduates and Graduates

GEN CMN 108-0 Human Communication Disorders See Introductory and Related Courses.

CSD 112-0 The Scientific Exploration of Communication Introduction course to the biology and physics of human communication. Basic properties of speech sounds and how they are produced and received by the listener; relation between human anatomical structures involved in sound production, modulation, and reception; brain mechanisms involved in processing the sounds of speech.

CSD 202-0 Neurobiology of Communication Human anatomy, physiology, and neurology in relation to communicative behavior. Sensory, perceptual, cognitive, and motor processes.

CSD 205-0 Study of Learning and Learning Problems in the Classroom Study of children's learning in classroom settings. Field placement, using informal assessments of social, cognitive, and communication functioning, for children with and without exceptionalities.

CSD 207-0 Seminar in Communication Sciences and Disorders Major topics of research interest in communicative disorders. Principles of research in communicative disorders.

CSD 301-0 Anatomy and Physiology of the Vocal Mechanism Anatomical and physiological mechanisms of breathing, phonation, and articulation. Laboratories include dissection and participation in physiological research. Prerequisite: sophomore standing or above.

CSD 302-0 Anatomy and Physiology of the Peripheral Hearing Mechanism Gross and fine structure; function of the peripheral auditory system. Prerequisites: junior standing or above, 202, 307, or consent of instructor.

CSD 303-0 Brain and Cognition Neural bases of cognitive processing with emphases on neuroimaging approaches in the areas of encoding, perception, attention, memory, language, reading, motor control, and executive functioning. Taught with PSYCH 365; students may not earn credit for both courses.

CSD 304-0 Statistics in Communication Sciences and Disorders Introduction to research design and data analysis in communication sciences and disorders; statistical inference.

CSD 305-0 Phonetics Training in transcription of English speech sounds. Introduction to phonological analysis, dynamics of articulation, and dialect variations.

CSD 306-0 Psychoacoustics Principles underlying perception of pitch, loudness, auditory space, auditory patterns, and speech. Psychophysical procedures for studying psychoacoustics and the impact of hearing impairment are considered.

CSD 307-0 Acoustic Phonetics Acoustic theory of speech production and perception. Emphasis on acoustic cues underlying speech sound identification and their physiologic correlates. Laboratory and lecture.

CSD 309-0 Culture, Language, and Learning Language and culture; transmission of culture through language; effects

of cultural variety on perception, cognition, and learning; implications of cultural and linguistic diversity in communicative disorders.

CSD 310-0 Biological Foundations of Speech and Music

Anatomy and physiology of the central auditory pathway, experience-related neural plasticity, right/left brain specialization, audiovisual integration, auditory learning and perception, and neural encoding of speech and music. Prerequisite: junior standing or consent of instructor.

CSD 314-0 Topics in Cognitive Neurosciences Introduction to the study of cognitive neuroscience, with emphasis on cross-disciplinary approaches to understanding the mechanisms of the mind.

CSD 318-0 Introduction to Audiology Introduction to the measurement of hearing in humans. Basic anatomy of the ear, measurement of hearing, potential disorders of hearing. Lecture/laboratory.

CSD 334-0 Delivery Systems in Speech and Language Pathology

Organization and administration of speech-language pathology services in schools, health care agencies, and private practice. Prerequisites: 397 and senior standing.

CSD 336-0 The Field of Special Education Criteria for in-school evaluation, eligibility, and intervention for students with disabilities. Legal basis of policies and regulations.

CSD 339-0 Early Communication Intervention with Infants and Toddlers Models of service systems, current practices in early intervention, legislation, infant development processes, and risk factors. Emphasis on individual family service planning, assessment, and intervention.

CSD 342-0 Typical and Atypical Development in Infants and Toddlers Description and theory relevant to the physical, motor, cognitive, linguistic, and social development of both typical and atypical children during the first three years of life.

CSD 343-0 Family Systems: Theory and Intervention Strategies in Early Intervention Models of family-systems theory and application pertaining to the functioning of families with disabled infants or toddlers. Intervention strategies appropriate for early-intervention professionals. Prerequisite: advanced status in developmental disabilities or consent of instructor.

CSD 350-0 Cognitive Development in Atypical Learners

Normal cognitive development in perception, attention, memory, language, conceptualization, and problem solving with application to atypical children with genetic and brain abnormalities.

CSD 351-0 Development and Disorders of Memory Scientific models and evidence for memory development. Memory disorders in relation to developmental and life-span issues.

CSD 369-0 Special Topics in Speech and Language Pathology Current scientific and professional problems in speech and language pathology. Topics vary by quarter.

CSD 370-0 Special Topics in Learning Disabilities Current scientific and professional problems in learning disabilities.

CSD 373-0 Introduction to Learning Disabilities Psychological, neurological, and linguistic theories of language and learning as related to learning disabilities.

CSD 374-0 Behavior Assessment and Management in Children

Theories and application of behavior analysis and management principles. Emphasis on assessment techniques, classroom management approaches, and strategies for the facilitation of learning.

CSD 375-0 Diagnostic Procedures for Exceptional Children

Introduces students to differential diagnostic procedures used in special education. Examination of cognitive and emotional disorders, sensory impairment, physical handicaps, and legal aspects of diagnosis.

CSD 376-0 Remedial Education for Children with Learning Disabilities

Theories and intervention principles for disorders of oral language, reading, written language, mathematics, and nonverbal learning.

CSD 377-0 Learning Disabilities in Early Childhood

Theoretical issues, assessment, and educational principles for young children with learning disabilities. Emphasis on problems of language, cognition, and pre-academic learning. Instruction and home management.

CSD 380-0 Introduction to Clinical Procedures in Learning Disabilities

Practicum experience in clinical settings. Learning processes and application of instructional approaches. Field studies, reading, and weekly seminars. Prerequisites: 375 and 376.

CSD 381-0 Social Development in Normal and Learning-Disabled Children

Current theories of and empirical research on social-emotional development from infancy through adolescence; identification and treatment of social deficits in learning-disabled children.

CSD 388-0 Attention Deficit Disorder and Related Disorders

Identification and treatment of attention deficit disorders and related childhood behavior disorders. Emphasis on objective and subjective assessment, life-span issues, and medical and psychological interventions.

CSD 392-0 Language Development and Usage

Development of spoken and written language as it relates to child development; includes phonological, morphological, syntactic, semantic, and pragmatic components. Cultural and individual linguistic diversity.

CSD 396-0 Diagnostic Procedures in Speech and Language Pathology

Evaluation of speech and language disorders. Interviewing, report writing; use of standardized tests; examination of speech sensory and motor functions. Prerequisite: senior standing or above, 392, or consent of instructor.

CSD 397-0 Introduction to Clinical Procedures in Speech and Language Pathology

Beginning practicum experience in a clinical setting. Emphasis on planning and executing a remedial program for individuals with problems of speech sound production and language usage. Prerequisite: consent of instructor.

CSD 399-0 Independent Study Prerequisite: consent of undergraduate dean after submission of petition.

Undergraduates may take 400-level courses with permission of the instructor.

COMMUNICATION STUDIES

www.communication.northwestern.edu/departments/communicationstudies

The Department of Communication Studies offers courses that explore the major media, practices, and problems of a communication-intensive society. Topics include — but are not limited to — bargaining and negotiation, collective decision making, organizational innovation, human-computer interaction, Internet use, public opinion formation, popular culture, social movements, and the history of political discourse in the United States. Students work with scholarship from the humanities and the social sciences, and course work emphasizes the analytical and ethical requirements of responsible persuasion. Both required and elective courses are intended to prepare students for personal success and civic leadership.

Requirements for a Major in Communication Studies

14 School of Communication courses:

- GEN CMN 102
- 205, 250, and 270; students should complete these courses and 220 (see below) before the end of the sophomore year because the material covered is prerequisite to more advanced courses
- A 2-course writing sequence consisting of 220, for which students will complete shorter essay assignments, and 394, for which students will complete a longer (25-page) research paper on a topic related to the seminar theme; 394 is taken during the junior year
- An additional 8 200- or 300-level School of Communication courses, at least 5 of which must be in the department; of those 5, at least 4 must be at the 300 level (the following courses may be combined to fulfill no more than 2 of the required units: 1 unit of 290 Forensics, 1 unit of 393 Field Study, 1 or 2 units of 389 Practicum in Communication Research, 1 or 2 units of 399 Independent Study)

Additional requirements:

- A field of concentration outside the School of Communication (normally one of the disciplines of the Weinberg College of Arts and Sciences), consisting of at least 6 courses; of these 6, at least 3 must be 300- or 400-level courses (courses taken to satisfy the School of Communication distribution requirement may be applied to the field of concentration if they fall within the discipline in which the student chooses to concentrate; a non-School of Communication minor, dual major, or adjunct major satisfies this requirement)

- Language requirement: proficiency in a classical or modern foreign language equivalent to the work covered in a second-year college-level course (proficiency is established in precisely the same manner as in the Weinberg College of Arts and Sciences; see the section on foreign language requirements on page 42 in the Weinberg chapter of this catalog)
- Distribution requirements: 18 courses outside the department, including 3 courses from each of the three School of Communication distribution areas: science, mathematics, and technology; individual and social behavior; and humanities and fine arts
- Electives in communication and other areas to complete a minimum of 45 courses

Courses used to satisfy the major and distribution requirements must receive a grade of C- or higher and cannot be taken P/N.

Departmental Honors Program

The Undergraduate Honors Program in Communication Studies offers an opportunity for highly motivated students to conduct original scholarly research. Through the senior year, each student works closely with faculty to produce an original research project in an interest area determined by the student. Seniors who successfully complete the program will be eligible to graduate with departmental honors. Also see Honors and Prizes on page 29 in the Undergraduate Education chapter of this catalog.

Courses Primarily for Freshmen and Sophomores

GEN CMN 101-0 Interpersonal Communication See Introductory and Related Courses.

GEN CMN 102-0 Public Speaking See Introductory and Related Courses.

GEN CMN 104-0 Argumentation and Debate See Introductory and Related Courses.

COMM ST 201-0 Research Methods in Communication

Foundations of knowledge in many areas of the field, including the nature of interpersonal interaction and the impact of mass media. How communication researchers do their work; how to judge the quality of research products. Prerequisite for many other courses in the department.

COMM ST 205-0 Theories of Persuasion Survey of major theories that explain how to change another person's attitudes and behaviors. Applications to persuasion within a variety of contexts, including relationships, organizations, legal campaigns, and the mass culture.

COMM ST 210-0 The Arts of Controversy: An Introduction to Rhetorical Thinking Controversy as a rhetorical practice essential to healthy political culture. Use of rhetoric to appreciate different (and frequently conflicting) approaches to issues.

COMM ST 215-0 Principles of Rhetorical Criticism Introduction to the critical study of political, legal, and ceremonial rhetoric. Development of skills in analyzing and assessing

such rhetoric and appreciating how it reflects and shapes basic social and cultural values.

PERF ST 216-0 Performance and Culture See Performance Studies.

COMM ST 220-0 Theories of Argumentation Fundamental principles and practice of critical reasoning and public argument. For students interested in legal, academic, or political realms of communication and advocacy.

COMM ST 221-0 Speech Writing Theory and practice in the principles of composition and in the preparation and delivery of manuscript speeches.

COMM ST 229-0 Communication Technology, Community, and Personal Identity Philosophical, critical, and scientific analysis of how the intensification of technology in cultural, professional, and recreational domains is affecting our social relations and personal identities.

COMM ST 241-0 Theories of Relational Communication An overview of communication theories and research dealing with developing, sustaining, and terminating interpersonal relationships. Direct application to friendship, work, and romantic relationships.

COMM ST 250-0 Team Leadership and Decision Making Theories and research relating to communication in small groups and group decision making.

COMM ST 270-0 Theories of Mediated Communication Introductory survey of current issues in research on the mass media, the Internet, and computer-mediated communication.

COMM ST 275-0 Persuasive Images: Rhetoric of Contemporary Culture Analysis of image-making in all forms of popular culture — in film and television but also shopping malls, supermarkets, car dealers, and doctors' offices.

COMM ST 290-0 Forensics Independent research and analysis in conjunction with participation in intercollegiate forensics. Credit may not be earned for 290 more than once.

COMM ST 298-0 Undergraduate Seminar Student- or faculty-initiated seminars to consider special topics. Credit for 298 may be earned more than once. No more than 2 units of such credit may be applied toward fulfillment of the major requirements.

Courses Primarily for Juniors, Seniors, and Graduate Students

COMM ST 310-0 Development of Rhetorical Theory Study of classical and contemporary texts to understand foundational problems, concepts, and claims regarding the political, social, and cultural functions of public discourse.

PERF ST 311-0 Performance in Everyday Life See Performance Studies.

COMM ST 315-0 Rhetoric of Social Movements Study of traditional theories of opposition derived from sociological and rhetorical analyses of mass movements. Examines new social movements such as advocacy groups related to abortion, animal rights, feminism, and other local and national issues.

PERF ST 316-0 Folklore and Oral Traditions See Performance Studies.

COMM ST 322-0 Rhetoric of the American Presidency Offers students the opportunity to conduct an in-depth, quarter-long study of the rhetoric of particular presidents. May only be taken twice for major credit; additional credits count as electives.

COMM ST 324-1,2 Rhetoric of U.S. Women's Rights Today women cause no sensation when they address public gatherings, but in the 1820s, when American social reformers broke the taboo, such behavior was scandalous. **1.** Development of the new women's oratorical tradition from its origins through the early 20th century. **2.** Continued development from 1920 to the present.

COMM ST 325-1,2,3 Rhetorical History of the United States History of the United States, as studied through key rhetorical texts. Focus on moments of political crisis and cultural change. **1.** Colonial period to the outbreak of the Civil War. **2.** Civil War to World War I. **3.** World War I to the 1960s.

COMM ST 326-0 African American Rhetoric Survey of key texts of 20th-century African American public discourse as well as a forum to discuss those texts and engage them analytically and critically.

COMM ST 327-0 Contemporary Rhetorical Practice Contemporary history from a rhetorical perspective. Analysis of public communications and rhetorical study of non-oratorical events; emphasis on social movements and political controversy in the United States since 1960.

COMM ST 328-0 The Rhetoric of War The genre of war rhetoric; American experience in the 20th century as drawn from speeches, diaries, newspaper reports, government documents, films, and poetry.

COMM ST 329-0 Rhetoric, Science, and Technology Contemporary debates on the standing and production of scientific argument. Current controversies over the social constitution and consequences of science and technology.

COMM ST 330-1,2 Contemporary Problems in Freedom of Speech Personal freedom and public communication under the U.S. Constitution. **1.** Principles, forms of reasoning, and court decisions governing conflicts between freedom of speech and public order, property rights, personal security, morality, and racial and gender equality in traditional, mass, and new electronic media. **2.** Analysis of selected issues introduced in 330-1. Prerequisite: 330-1.

COMM ST 331-0 Deliberative Democracy Examination of the idea that legitimate democracy issues shape the public deliberation of citizens. Topics include questions of pluralism, equality, reason, and rhetoric in public deliberation.

COMM ST 332-0 The Rhetoric of Multiculturalism Examination of debates about the meaning and significance of cultural pluralism in American and global politics and about the rhetorical, communicative, and political challenges this condition raises.

COMM ST 335-0 Philosophy of Language and Communication

Relationship between language and human communication behavior. How language structures individual world views; the process of meaning formation; therapeutic communication; the experience of creativity.

COMM ST 340-0 Community Integration of Labeled People

Examination of local integration initiatives, the role of professionals, the language used to describe the initiatives, the social service system's responses, and the agents and communities that have constructed inclusive environments for people labeled with disabilities.

COMM ST 341-0 Communication and Aging Relationship between adult developmental processes and changes in communication behavior. Prerequisites: 201 and 250.

RTVF 341-0 Technological Innovations See Radio/Television/Film.

COMM ST 343-0 Health Communication Examination of how communication can enhance and maintain the well-being of citizens in intentional health care contexts.

COMM ST 344-0 Interpersonal Conflict In-depth analysis of theories and research examining conflict within relationships. Special emphasis on conflict within friendships, dating relationships, and family. Prerequisites: 201 and 205.

COMM ST 350-0 Computer-Mediated Communication and Information Systems Examination and analysis of the tools of and issues in computer-mediated communication and networked information systems; effects of new communication technologies at the interpersonal, group, organizational, and societal levels.

COMM ST 355-0 Audience Analysis Methods used to analyze electronic media audiences; emphasis on quantitative research techniques. Prerequisites: 201 (or equivalent) and 270.

COMM ST 360-0 Theories of Organizational Communication Theories and research dealing with communication in formal organizations and institutions. Prerequisites: 201 and 250.

COMM ST 361-0 Intergroup Communication and Urban Change The small group as an agent of social change in urban society; internal and external communication in such change. Prerequisites: 201 and 250.

COMM ST 362-0 Professional-Client Communication Communication between professionals and clients in medicine, law, education, psychotherapy, and social services. Alternatives to the professional-client model of problem solving. Prerequisites: 201 and 250.

COMM ST 363-0 Bargaining and Negotiation Communication in bargaining and negotiation in organizational settings. Cognitive and motivational theories emphasizing bargaining and negotiation strategies. Prerequisites: 201, 205, and 360.

COMM ST 364-0 Collective Decision Making and Communication in Organizations Research on how organizations make, communicate, and implement collective decisions. Assessing decision effectiveness, group decision making,

leadership in organizations, and organizational design.

Prerequisites: 201 and 360.

COMM ST 365-0 Solving Problems in Applied Organizational Communication Advanced concepts and techniques for defining and analyzing organizational problems. Preparation for recognizing and working with problems in business organizations. Prerequisites: 201 and 360.

COMM ST 366-0 Organizational Innovation Organizations and communities depend on innovative ideas, products, or processes to help them solve their problems and to grow in new directions. This course looks at a number of interpersonal and organizational variables as they relate to the production, acceptance, and adoption of new ideas.

COMM ST 370-0 Current Perspectives in Mass Communication Research In-depth study of theories currently applied to the study of mass communication. Prerequisites: 201 and 270.

COMM ST 371-0 Public Opinion Nature of public opinion; history of techniques for expressing and assessing public opinion. Theories about the relationships among media, public opinion, and policy. Prerequisites: 201, 205, and 270.

COMM ST 372-0 Mass Communication and Campaign Strategies Communication components of political campaigns, including broadcast advertising, direct mail, candidate speeches, debates, and news coverage. Campaign professionals share their expertise; students critically examine the effectiveness and appropriateness of campaign strategies and tactics. Prerequisites: 201, 205, and 270.

COMM ST 373-0 News Media and American Society

Examination of the news form, content and meaning of the news, and the role of the news media in social continuity and change. Prerequisite: 270.

COMM ST 374-0 Information and Communication Technology in American Society Historical, sociological, and philosophical analysis of how developments in information and communication technologies have altered our understanding of ourselves and our world.

COMM ST 376-0 The Rhetoric of Popular Criticism How critics communicate their ideas and values to the public. Prerequisite: 275.

COMM ST 377-0 Marketing Popular Culture The invention and packaging of popular culture products, including film, music, television, and celebrities. Prerequisite: 275.

COMM ST 378-0 Online Communities Examination of the types of computer-mediated interactions and collaborations that occur among people who share common (or perhaps uncommon) interests and of the language they use to express themselves.

COMM ST 380-0 Political Communication Nature and functions of communication within established political institutions; decision-making strategies, deliberative discourse, and electoral campaigns; field study of advocacy and interest groups. Prerequisites: 220 and either 205 or 210.

COMM ST 382-0 Family Communication Behavior An overview of the family as a communication system. Intergenerational interaction patterns, intimacy and conflict patterns, decision making, environmental and cultural factors, and enrichment efforts. A wide range of family types and research methods are considered. Prerequisite: 241.

COMM ST 383-0 Satellites Historical development and contemporary issues regarding satellites. Government, research, military, and corporate uses of satellites and the relationships between satellites and telecommunications, geostrategic issues, information society, cyberspace, and economic development.

COMM ST 384-0 Global Media and International Affairs Analysis of public diplomacy and comparative media systems across nations, exploring the relationships between sovereign states and private media systems.

COMM ST 385-0 Technology and the American Cultural Landscape Research seminar focusing on the history of technology in American culture and how it might affect our experience.

COMM ST 386-0 Science, Technology, and Society Examination of developments in information and communication technology in the larger context of American science and technology since 1900. Prerequisite: previous course work on the historical or social dimensions of information and communication technology.

COMM ST 388-0 Internet and Society The social, cultural, political, and economic implications of information technologies.

COMM ST 389-0 Practicum in Communication Research Collaboration with a faculty member on design and execution of a communication research project. Students learn how to complete a research project and write a report. Prerequisite: 201.

COMM ST 390-0 Children's Culture Examination of children's media technologies from psychological, sociological, historical, and other perspectives. Reflection on and engagement in the creation of new media for children are intrinsic parts of the course.

COMM ST 391-0 Ethical Issues in Communication Ethical problems in public, group, and interpersonal communication; criteria for their resolution.

COMM ST 392-0 Global Culture and Communication Examination of current topics and events to familiarize students with the cultural dimensions of globalization and the critical importance of culture and communication in understanding the globalized world.

COMM ST 393-0 Field Study in Communication Enrollment only by petition in advance. Arrangements for winter quarter must be made by November 1 and for spring quarter by February 1.

COMM ST 394-0 Undergraduate Research Seminar Small seminars in research topics led by different members of the department faculty. Provides students an opportunity to conduct research. Prerequisite: 220.

COMM ST 395-0 Topics in Communication Studies Reading, research, and discussion in areas of significance. Topics vary.

COMM ST 397-0 Senior Honors Thesis Students work on a yearlong project, culminating in a senior thesis, with the guidance of a faculty adviser. Upon successful completion a student is eligible to graduate with departmental honors.

COMM ST 398-0 Undergraduate Seminar Student- or faculty-initiated seminars to consider special topics. Credit for 398 may be earned more than once. No more than 2 units of such credit may be applied toward fulfillment of the major requirements.

COMM ST 399-0 Independent Study Enrollment only by petition in advance.

See the Cross-School Options chapter for opportunities open to all Northwestern undergraduates.

PERFORMANCE STUDIES

www.communication.northwestern.edu/departments/performancestudies

The Department of Performance Studies integrates artistic and analytical approaches to a wide range of performance texts, events, and processes. The courses explore an interdisciplinary range of literary, cultural, and personal texts in performance. The department has particular strengths in the study of literature through solo performance; the ensemble adaptation and staging of poetic, narrative, and nonfictional texts; intercultural performance; performance art; cultural studies and the ethnography of performance; performance theory and criticism. Internships and field study for performance studies majors extend and deepen their classroom work with experiential learning. Extracurricular work provides students with a variety of opportunities to perform, adapt, and direct, enabling their creative work to reach an audience outside the classroom.

Performance studies majors have been successful in many professions that require intelligence and imagination as well as critical and creative skills. In addition to pursuing careers in professional theatre and arts development, many graduates teach literature, theatre, humanities, and performance studies. Majors have found performance studies an excellent preparation for law school and complementary to their interests in creative writing, communication, new media, anthropology, dance, literature, or social work. Performance studies can be thought of as a major that bridges artistic expression and conceptual analysis, theory and practice. Performance, in its manifold forms, is the subject and the method of study.

Requirements for a Major in Performance Studies

- Introductory courses: GEN CMN 102 and 103
- A minimum of 4 200-level courses in communication, including the following courses in the department: 216, 224, and 2 units of 210-1, 210-2, or 210-3

- Production courses in theatre: 2 quarters of THEATRE 119; 2 quarters of PERF ST 119; or 1 quarter of THEATRE 119 and 1 quarter of PERF ST 119 (0 units)
- An additional 10 courses in communication, at least 8 of which must be in the department at the 300 or 400 level; not more than 1 unit of either 399 Independent Study or 331 Field Study may apply toward the required 8 300-level performance studies courses, and not more than 2 units of 399 Independent Study and 1 unit of 331 Field Study may apply toward the required total of 10 courses in communication
- 6 courses at the 200 level or above outside communication; if they apply, courses taken to meet the distribution requirement may be used to satisfy this requirement
- Distribution requirements: 18 courses outside the school, including 10 courses from the School of Communication distribution areas: 2 from science, mathematics, and technology; 3 from individual and social behavior; and 5 from humanities and fine arts
- Electives in communication and other areas to complete a minimum of 45 courses

Courses Primarily for Freshmen and Sophomores

GEN CMN 103-0 Analysis and Performance of Literature

See Introductory and Related Courses.

PERF ST 119 Production Laboratory Registration for performance studies majors fulfilling production crew requirements. Students perform duties for run crews and house crews in connection with department-sponsored productions in Annie May Swift Hall's Krause Performance Lab.

PERF ST 210-1 Performance of Poetry Introduction to the analysis and performance of poetry. Prerequisite: GEN CMN 103 or equivalent.

PERF ST 210-2 Performance of Narrative Fiction Introduction to the study of narrative performance. Prerequisite: GEN CMN 103 or equivalent.

PERF ST 210-3 Performance of Drama Introduction to drama and theatricality from a performance studies perspective. Prerequisite: GEN CMN 103 or equivalent.

PERF ST 216-0 Performance and Culture Performative bases of culture; ritual, festival, and ceremony.

PERF ST 224-0 Adapting Narrative for Group Performance Introduction to theories and methods of adapting narrative for the stage, with special emphasis on chamber theatre. Prerequisite: GEN CMN 103 or equivalent.

Courses Primarily for Juniors, Seniors, and Graduate Students

Unless otherwise indicated, 1 200-level course in the department is a prerequisite.

PERF ST 307-1,2 Studies in Gender and Performance

1. Introduction to theories on gender in relation to selected literary texts. How gender is prescribed, reinforced, and transgressed; how race, class, and sexuality disrupt and/or affirm these representations. **2.** Examination of theories

of gender performance from a cultural studies perspective. Close attention to live performance, including drag, performance art, and film. A third course in this series (THEATRE 307) is offered by the Department of Theatre.

PERF ST 308-0 Performing Modern and Contemporary Poetry Use of performance in the analysis and criticism of modern and contemporary poetry.

PERF ST 309-0 Performance of Black Literature Exploration of black poetry, short fiction, and novels, as literary texts and cultural texts, through solo, duo, and group performance. The literary genre will vary from year to year.

PERF ST 310-0 Literature and Performance of Women of Color Literary expressions by native, Latina, African, and Asian American women reflecting intersections of gender, sexuality, ethnicity, class, and culture in the United States. Feminisms considered across race and culture. Includes poetry, fiction, autobiography, drama, and critical theory.

PERF ST 311-0 Performance in Everyday Life Conceptual view of human beings as actors. Dramatism and the perspective of life as theatre.

PERF ST 315-0 Nonfiction Studies Exploration of the dramatic impulse in nonfiction texts. Emphasis on autobiographical one-person shows.

PERF ST 316-0 Folklore and Oral Traditions Genres of oral literature and an introduction to the methods and aims of folklore research. The nature of verbal art as performance and the importance of cultural context.

PERF ST 318-1 Shakespeare's English Histories Use of performance in the analysis and criticism of Shakespeare's two tetralogies of English history plays.

PERF ST 318-2 Shakespeare Adaptations Use of performance in the analysis and criticism of selected Shakespeare plays and their adaptations by other writers.

PERF ST 321-0 Performing the American '50s Use of performance in the analysis and criticism of selected postwar American literature.

PERF ST 322-0 Performing the Psychological Novel Use of performance in the analysis and criticism of selected 19th- and 20th-century novels.

PERF ST 324-1,2 Presentational Aesthetics 1. Theatrical convention, presentational mode, and conscious artifice in the performance of dramatic literature, poetry, and nonfiction. **2.** Theory and practice of chamber theatre, its conventions and presentational modes; adaptation, staging, and performance of prose fiction. Choice of performer's or director's perspective. Prerequisite: 224.

PERF ST 326-1,2 Performance Art 1. History, development, and theories of performance art as a live-art genre from the modernist avant-garde to contemporary cross-cultural forms. Media in all forms, with emphasis on performance process and audience relationship. **2.** Further theoretical and laboratory exploration of compositional processes and political strategies of performance, media, and event/audience contexts.

PERF ST 327-0 Field Methods in Performance Studies Theory

and practice of fieldwork on performance; practical fieldwork experience.

PERF ST 328-0 Studies in James Joyce Primary emphasis on extensive critical study and performance of Joyce's *Ulysses*, resulting in either a lecture-performance, a recital, or a research paper.

PERF ST 329-0 Performing Individual Poetic Styles

Content varies. Major poems of a significant writer or writers, permitting in-depth encounter with the writer, cultural context, and performance-related issues.

PERF ST 330-0 Topics in Performance Studies Readings, discussion, and creative work in performance studies research and artistic practice. Topics vary. May be repeated for credit.

PERF ST 331-0 Field Study/Internship in Performance Studies Intensive participation in off-campus production and/or field research experience. Departmental approval required.

PERF ST 332-0 Urban Festivity Ethnographic study of festivals, parades, exhibitions, civic celebrations, and other genres of urban cultural performance. Multiethnic expressions of Chicago identity. Field research methods.

PERF ST 334-0 Human Rights and Radical Performance

How social movements, local communities, and individual activists from specific regions around the world use performance to seek political empowerment and social justice. Performance as theory, method, and event in the arts of resistance; human rights as ideology and praxis within indigenous histories, imaginaries, and contexts.

PERF ST 335-0 Social Art Tactics Exploration of historical and theoretical foundations of social art practice, including work focused on social change in such genres as performance, digital media, relational art, and photography. Performance/art workshops; development of performance-based interventions.

PERF ST 336-0 Performance of Latina/o Literature

Exploration of U.S. Latina/o literature through narratives of migration, annexation, exile, and diaspora; focus on the arrival and development of Latina/o cultural enclaves in the United States. Use of performance to understand further such materials as autobiography, narrative fiction, drama, poetry, and radio commentary.

PERF ST 338-0 Family Stories, Memoirs, and Diaries Use of performance to explore family stories, memoirs, diaries, and other biographical and autobiographical sources.

PERF ST 399-0 Independent Study Prerequisite: consent of undergraduate dean after submission of petition.

RADIO/TELEVISION/FILM

www.communication.northwestern.edu/departments/rtf

The Department of Radio/Television/Film offers education in the history, theory, and production of media. Broad-based and interdisciplinary in orientation, the department offers a range of perspectives on media forms from cinema to broadcast and cable television to alternative media to emerging technologies. Courses emphasize that media are

social and cultural practices in dialogue with the broader context of the humanities. The department is dedicated to integrating theory and practice, creating intersections with other disciplines, and fostering cutting-edge media production. Originality, critical analysis, and vision are valued in both scholarly research and creative work. The department's goal is to educate students and citizens to critically interpret contemporary media, envision alternative structures in theory and practice, and reinvent the media of the future.

Production facilities include 16mm film and HD equipment, sound stage, and editing; field video and multiple-camera television studio facilities; linear and non-linear video editing; advanced audio postproduction; and state-of-the-art computer graphics. Students operate the 7,200-watt FM radio station WNUR, which serves the Chicago area and also broadcasts on the Internet. The School of Communication funds four active student-run cocurricular production groups and offers juniors and seniors numerous opportunities for internships at television and radio stations and production companies in the Chicago, New York, and Los Angeles areas. Frequent guest lectures are offered by alumni with careers in media and by other well-known professionals.

Please see Academic Options earlier in this chapter for information on the following programs administered through the Department of Radio/Television/Film: animate arts (page 160), film and media studies (page 161), sound design (page 161), and the Certificate Program in Creative Writing for the Media (page 162).

Requirements for a Major in Radio/Television/Film

- Introductory courses: 190 (190 and second-year standing — not through AP credits — are the prerequisites for all 300-level production courses); a minimum of 3 courses in communication at the 100 or 200 level outside the department
- 200-level courses: 220, 230, and 1 other 200-level course in the department or COMM ST 275
- An additional 8 courses in communication at the 300 and 400 levels, including at least 6 courses in the department at the 300 and 400 levels; not more than 1 unit of 349 Internship in Radio/Television/Film and 1 unit of 399 Independent Study may be applied toward the 6 courses required in the department; the remaining internship and 399 units count as elective credits
- 6 courses at the 200 level or above outside communication, including at least 3 courses at the 300 level or above; courses taken to meet the distribution requirement may be used to fulfill this requirement
- Language requirement: competency in a modern foreign language, which may be established by a placement exam; completion of the fourth quarter or a higher class; or an AP score of 3, 4, or 5

- Distribution requirements: 18 courses outside the school, including 8 courses from the School of Communication distribution areas: 2 from science, mathematics, and technology; 3 from individual and social behavior; and 3 from humanities and fine arts
- Electives in communication and other areas to complete a minimum of 45 courses

Courses Primarily for Freshmen and Sophomores

RTVF 190-0 Media Construction Introduces the core components of media — idea, image, sound, and sequence

— while teaching the technical fundamentals involved in shooting and editing video. Students work with SLR and digital video cameras, with Photoshop and Final Cut Pro editing software. Four projects in different genres must be completed over the course of the quarter. This course is a pre-requisite for all upper-level production courses. Required for majors; typically taken in freshman year.

RTVF 202-0 Freshman Topics Seminar Beginning seminar focused around a special topic of media analysis, history, or theory. Freshmen will learn research, analytic, and writing skills while focusing on issues relevant to film, media and/or digital arts and culture.

RTVF 220-0 Analyzing Media Texts Introduction to the study of the moving image. Basic elements of style across media including film, television, and interactive media. Focus on close analysis of texts to find significance. Prerequisite for upper-level courses in the department. Required for majors; typically taken in freshman year.

RTVF 230-0 Understanding Media Contexts Media industries as social and cultural forces; economic and political dimensions of the global media. Required for majors; typically taken in freshman year.

RTVF 260-0 Foundations of Screenwriting Introduction to writing for the screen (film, television, and/or computer). Structure, character, dialogue, format, voice, scope, pace, context. Lecture/workshop. Prerequisite for upper-level writing courses in the department.

COMM ST 275-0 Persuasive Images: Rhetoric of Contemporary Culture See Communication Studies.

RTVF 298-0 Studies in Media Topics Theoretical or practical or both; emphasis on evolving trends.

Courses Primarily for Juniors, Seniors, and Graduate Students

RTVF 301-0 Race and Ethnicity in Film and TV How race and ethnicity are depicted in film and media; audience response, activism, and/or alternative media production by groups of color.

RTVF 310-0 Television History Political, cultural, social, and industrial history of television, from the classic network era to the postnetwork contemporary period of media convergence. Exploration of programs as well as major events and shifts in television history.

RTVF 312-1, 2 History of Film International survey of motion pictures as a distinctive medium of expression from its prehistory to the present.

RTVF 313-1 Documentary Film: History and Criticism Survey of the schools, styles, and purposes of documentary film as a unique form of artistic expression and sociopolitical persuasion.

RTVF 313-2 Documentary Film and Video Contemporary work and issues in documentary film and video.

RTVF 321-0 Radio/Television/Film Authorship Idea of authorship in the media and an examination of different uses of author theory related to the work of particular artists.

RTVF 322-0 Radio/Television/Film Genre Concept of genre in the media, with reference to popular American forms.

RTVF 323-1 Experimental Film: History and Criticism Films and theories of experimentalists since the 1920s; contemporary underground movement.

RTVF 323-2 Experimental Film and Video Contemporary work in experimental film and video.

RTVF 325-0 Film, Media, and Gender Explores issues of gender in film and media. Introduces students to major debates and theories regarding gender and sexuality in the media.

RTVF 326-0 Film and TV Criticism Contemporary critical methods applied to film and/or television. Students read literature on critical methods and analysis and write critical analyses of films and television programs.

RTVF 330-0 Culture Industries Overview of business and social organization of film and television industry. Introduction to how media industries produce cultural products for local, national, and transnational audiences.

RTVF 331-0 Regulation of Broadcasting Government regulation and industry self-regulation; historical perspective and examination of current issues.

RTVF 334-0 Media Arts and Visual Culture An exploration of the way artists use electronic media as forms of visual expression and how artists have historically appropriated communication technologies such as radio, video/television, and computers.

RTVF 341-0 Technological Innovations How technology develops and is assimilated into mass media.

RTVF 342-0 Program Planning and Programming Programming broadcast stations, networks, and cable in relation to audiences, markets, coverage, policies, and facilities.

RTVF 345-0 History of Hollywood Cinema Overview of the development of the classical Hollywood cinema, with particular emphasis on the 1920s through the early 1960s. Explores the relationship between industry practices and aesthetic features of classical narrative film genres.

RTVF 349-0 Internship in Radio/Television/Film (1–4 units) Selected students work in production departments of radio and television stations and film studios. Guided research and reading.

RTVF 351-0 National Cinema Historical aspects of cinema in a culture outside the United States or a social/cultural/intellectual movement within the general evolution of cinema.

RTVF 353-0 Film, Media, and Globalization Explores theories of media's role in the globalization of cultures. Examines transnational production, marketing, and reception of film, television, and/or digital media.

COMM ST 355-0 Audience Analysis See Communication Studies.

RTVF 360-0 Topics in Screenwriting Various approaches to screenwriting, emphasizing different modes and genres, such as the short film, the feature film, screenplays based on preexisting material, the teen film, interactive computer scenarios. May be taken twice for credit, depending on the change in topic. Prerequisite: 260.

RTVF 372-0 Editing The technique and art of editing for film. Topics include editing for continuity, controlling pace and rhythm, and editing nonlinear narratives. Prerequisites: 190, 380, and second-year standing (not through AP credits).

RTVF 375-0 Designing for the Internet Design concepts as they relate to the web in an intensive studio/workshop environment. Prerequisites: 190 and second-year standing (not through AP credits).

RTVF 376-0 Interactive Media Exploration of the techniques and aesthetics of interactivity using various media. Prerequisites: 190, second-year standing (not through AP credits), and consent of instructor.

COMM ST 377-0 Marketing Popular Culture See Communication Studies.

RTVF 379-0 Topics in Film/Video/Audio Production In-depth study and practice of one area of film, video, or television. May be taken more than once for credit, depending on changes in topic. Prerequisite: 380.

RTVF 380-0 Lighting and Cinematography Techniques, aesthetics, and technologies of lighting and camera skills, including film and video. Prerequisites: 190 and second-year standing (not through AP credits).

RTVF 383-0 Sound Production Techniques and technologies of audio production, emphasizing location recording. Survey of techniques used for film, video, experimental audio, and radio production. Postproduction includes work with a digital audio workstation. Lecture/laboratory.

RTVF 384-0 Foundations of Sound Design Aesthetics and techniques of the sound/image relationship in media.

RTVF 385-0 Integrated Media Arts Introduction to theory and practice of media using microcomputers. For nonmajors.

RTVF 390-0 Directing Single-camera dramatic directing, including visualization and breakdown of scripts, camera blocking, and working with actors. Prerequisites: 190 and second-year standing (not through AP credits).

RTVF 391-0 TV Studio Directing Directing, crewing, and technical skills for multiple camera live-on-tape television production in narrative and nonnarrative genres; pre-production, directorial communication, blocking, pacing, visualization. Prerequisite: 380.

RTVF 392-0 Documentary Production Students examine documentary practices and produce their own shorts. Prerequisites: 190 and second-year standing (not through AP credits).

RTVF 393-0 2-D Computer Animation Animation techniques in the 2-D sphere and incorporation of visual design principles.

RTVF 394-0 Experimental Media Production Creation of an experimental work as a linear film or video, an interactive web site, an installation, a game, or a multidisciplinary performance. Prerequisites: 190 and second-year standing (not through AP credits).

RTVF 395-0 Computer Animation: 3-D The fundamental concepts and techniques of 3-D computer modeling and animation. Use of concepts acquired in camera-based production techniques to create a rendered animation. Prerequisites: 190 and second-year standing (not through AP credits).

RTVF 397-1, 2 Advanced Production, Advanced Postproduction Two-quarter sequence for students creating advanced artistic production, with critique of work throughout the production and postproduction process; conceptual resources offered as needed. Students may work in any genre (documentary, narrative, experimental) and any medium. Admission based on portfolio of previous media work and proposal for project, including script and budget.

RTVF 398-0 Symposium: Issues in Radio/Television/Film Special issues and topics in the analysis of radio, television, film, and popular culture.

RTVF 399-0 Independent Study Prerequisite: consent of undergraduate dean after submission of petition.

THEATRE

www.communication.northwestern.edu/departments/theatre

Of all the performing arts, none draws on the rich variety of human experience more fully than theatre. Theatre communicates the drama of life — whether the past, present, or future, and whether real or imagined — with immediacy, excitement, and eloquence. The student of theatre, therefore, must be a student of human society and must understand how social forces impinge on human behavior. To paraphrase Boswell, students of the theatre take as their subject the entire system of human life.

For this reason students who major in theatre at Northwestern combine a liberal arts education with intensive training in the theories and arts of the theatre. At the heart of the theatre program lies the idea that the best theatre artist is the one who combines a broad knowledge of the

literature and theory of the field with highly developed skills in its practice.

Students spend approximately one-third of their program studying in the Department of Theatre, including courses in history, literature, and criticism; acting, voice, and movement; directing; stage production; design; playwriting; dramaturgy; creative drama and children's theatre; and dance. Students develop the ability to approach problems and issues from a variety of perspectives while developing skills in research and writing, laboratory work, group discussion, oral presentation, performance, and production. Another third of the program comprises distribution requirements outside the department, and a final third is devoted to elective courses selected from a wide spectrum of University offerings.

A major in dance is also available within the Department of Theatre (see page 177).

Requirements for a Major in Theatre

- **Introductory courses**

THEATRE 140-1 Theatre in Context, 140-2 Theatre in Context, 140-3 Production in Context (includes one build crew and one run crew)

GEN CMN 110 Voice for Performance

GEN CMN 103 Analysis and Performance of Literature or 1 performance studies or radio/television/film course

- **Production:** one registration for THEATRE 119, taken in the sophomore year (0 units)
- **10 200- and 300-level theatre courses,** with a minimum of 5 courses at the 300 level or above, with courses from each of the following groups:

- **Performance** (at least 2 courses)

THEATRE 210 Training the Actor's Voice

THEATRE 243-1,2,3 Acting I: Principles of Characterization

THEATRE 253-1,2 Mime

THEATRE 260 Fundamentals of Stage Directing

THEATRE 310 Advanced Voice/Styles

THEATRE 311 Dialects for the Stage

THEATRE 312-1 The Art of Storytelling

THEATRE 330 Special Topics

THEATRE 340-1,2 Stage Directing

THEATRE 341-1,2,3 Acting II: Analysis and Performance

THEATRE 346-1,2,3 Playwriting

THEATRE 347 Theatre for Young Audiences

THEATRE 348-1 Creative Drama

THEATRE 348-2 Advanced Creative Drama

THEATRE 349-1,2,3 Acting III: Problems in Style

THEATRE 359 Directing for the Open Stage (see Graduate School catalog)

THEATRE 442 Theatre Practice: Children's Theatre Tour (see Graduate School catalog)

- **Design/technology** (at least 2 courses at the 200 level)

THEATRE 240-1,2,3 Stagecraft

THEATRE 241-1,2,3 Design Process

THEATRE 242 Stage Makeup

THEATRE 249-1 Introduction to Stage Management

THEATRE 249-2 Advanced Stage Management

THEATRE 263 Theatre Sound

THEATRE 330 Special Topics

THEATRE 342 Lighting Design II

THEATRE 343 Scene Design II

THEATRE 344 Costume Design II

THEATRE 350 Production Management

THEATRE 353 Topics in Stagecraft

THEATRE 354 History of Costume and Décor

THEATRE 355 Scene Painting

THEATRE 356-1,2,3,4 Graphic Arts for the Stage Designer

THEATRE 357-1,2 Freehand Drawing for the Stage Designer

THEATRE 361 Textile Arts and Crafts for the Costume Designer

THEATRE 363 Theatre Sound

THEATRE 364-1,2,3 Period Pattern Drafting and Draping

THEATRE 379 Topics in Stage Management and Leadership

- **History, literature, and criticism** (at least 3 courses)

2 of the 3 courses must come from the same area of study; for a copy of the current academic year's "Linked Sequences in History, Literature, and Criticism," see a theatre adviser

- **Courses outside communication:** 6 courses at the 200 level or above, including at least 3 courses at the 300 level or above (may include courses taken to meet the distribution requirement)
- **Distribution requirements:** 18 courses outside the school, including 8 courses from the School of Communication distribution areas: 2 from science, mathematics, and technology; 3 from individual and social behavior; and 3 from humanities and fine arts
- **Electives in communication and other areas to complete a minimum of 45 courses**

Theatre Minor (7 units)

www.communication.northwestern.edu/programs/minor_theatre

The minor in theatre encourages students majoring in other fields to organize their theatre studies in a coherent manner. The minor requires students to gain both depth and breadth in the study and practice of theatre.

Of the 7 courses for the minor, 3 must be 300-level courses. At least 5 of the 7 courses for the minor must be offered by the theatre department; the other 2 may be approved courses in departments or programs outside theatre (e.g., performance studies, gender studies, comparative

literature). No courses for the minor may be taken using the P/N option, and all classes must be completed with a grade of C- or higher in order to be counted toward the minor.

- 2 courses in theatre history, literature, criticism, or theory
- 1 course in theatre performance
- 1 course in theatre design
- 2 additional courses in one of the above areas to form a required concentration
- 1 elective

See the Cross-School Options chapter for opportunities open to all Northwestern undergraduates.

Theatre Courses Primarily for Freshmen and Sophomores

THEATRE 119-0 Production Laboratory (0 units) Registration for students fulfilling production crew requirements.

THEATRE 140-1,2 Theatre in Context **1.** Combination of lecture, discussion, assignments, play viewing, and text analysis. **2.** Seminar in three sections emphasizing theatre history, literature, and criticism; research; and writing skills. Prerequisite: consent of department.

THEATRE 140-3 Production in Context A combination of lecture, discussion, and production lab participation implementing the directing and design process of a theatrical production. Prerequisite: consent of department.

THEATRE 141 Introduction to Design for the Theatre Introduces the principles and elements of visual design as they relate to the theatre design areas of scenery, costume, and lighting. Applies these principles and elements to a play by creating scenery, costume, and lighting design ideas based on text analysis, point of view, and research in a production notebook format. Does not count toward the requirements for the theatre major. Course is a requirement and prerequisite for all 200-level design courses for the theatre minor.

THEATRE 143-0 Acting: Basic Techniques For nonmajors. Introduction to the study of acting: sensory response, imagination, and characterization work leading to prepared scenes from selected plays.

THEATRE 210-0 Training the Actor's Voice Training and development of the actor's voice, integrating work in GEN CMN 110 with use of heightened text. Students work to develop optimal pitch and vocal range, improve articulation, and develop skills in intonation and stress through performance of scenes, monologues, and Shakespeare sonnets. Prerequisites: GEN CMN 110 and consent of instructor.

THEATRE 240-1,2,3 Stagecraft Craft and technology used in mounting a theatrical production. Crew participation in department productions. **1.** Lighting: mechanics, physics, and practices of the stage lighting technician. **2.** Scenery: construction, rigging, and handling. **3.** Costumes: sewing

techniques, fitting, equipment, and fabrics. Prerequisite: sophomore standing or consent of instructor.

THEATRE 241-1,2,3 Design Process Development of stage design for the theatrical designer, from initial reading of the script to final design. Crew participation in department productions. **1.** Scene design I. **2.** Costume design I. **3.** Lighting design I. Prerequisite: sophomore standing and consent of instructor.

THEATRE 242-0 Stage Makeup Theory and practice of stage makeup. Crew participation in department productions. Prerequisite: consent of instructor.

THEATRE 243-1,2, 3 Acting I: Principles of Characterization **1.** Basic concepts. **2.** Dramatic imagination. **3.** Dramatic characterization. Prerequisites: 140-1,2 (or equivalent) and consent of instructor.

THEATRE 244-1,2 Development of Contemporary Theatre Critical study of major dramatists, theories, and production styles. **1.** 1870–1920. **2.** 1920–present.

THEATRE 249-1 Introduction to Stage Management Preproduction, rehearsal, and technical rehearsal process of theatrical productions. Basic stage management tools taught in theory: assembling a production book, blocking, scheduling, communication, and cueing. Prerequisite: consent of instructor.

THEATRE 249-2 Advanced Stage Management Problem solving in the stage manager's leadership role; advanced study in production realization and communication. Students will be required to stage manage or assistant stage manage a department production and will prepare a production book based on the production. Prerequisite: consent of instructor.

THEATRE 253-1,2 Mime **1.** Basic training in the arts of mime, including physical awareness, imagination, object techniques, illusion, sculpture, creation of environments, and the process of formulating performable mime pieces. **2.** Creation of solo and group mime dramas, culminating in a recital performance at the end of the quarter. Prerequisite: consent of instructor.

THEATRE 260-0 Fundamentals of Stage Directing An introductory course focusing on defining the role of the director while discovering a variety of directorial strategies. Prerequisite: consent of instructor.

THEATRE 263-0 Theatre Sound An introductory class in sound design for the theatre. Crew participation in department productions. Prerequisite: consent of instructor.

THEATRE 272-0 Special Topics: Music Theatre (2 quarters, .5 units each) Recommended for sophomore theatre majors interested in music theatre.

Theatre Courses Primarily for Juniors, Seniors, and Graduate Students

Unless otherwise noted, these courses are open only to students who have completed the departmental 200-level requirements or their equivalents.

THEATRE 307-0 Studies in Gender and Performance

Exploration of recent research on the social and political background of gender, particularly women's access to performative expressions. Historical aesthetics: changing debates on women's participation in the public theatre and the significance of the body in performance. PERF ST 307-1,2 are the first 2 courses in this series.

THEATRE 310-0 Advanced Voice/Styles Advanced vocal techniques of the stage actor. Vocal styles include Molière, Restoration comedy, Shaw, Coward, Stoppard. Prerequisites: GEN CMN 110 (or equivalent) and consent of instructor.

THEATRE 311-0 Dialects for the Stage Using the International Phonetic Alphabet, dialect recordings, and selected text, students learn dialects for stage and film performance. Principal dialects covered: standard British, Cockney, Irish, French, Russian, German. Prerequisites: GEN CMN 110 (or equivalent) and consent of instructor.

THEATRE 312-1,2 The Art of Storytelling Ancient traditions and current renaissance of storytelling. Strategies for selecting, preparing, and sharing stories in performance. Applications in theatre, communication, education, religion, law, healing professions, leadership, and business. **1.** Basic techniques. **2.** Advanced techniques of research, preparation, and performance, culminating in a public event. Students use storytelling in presentations and performance. Prerequisites for 312-2: 312-1 and consent of instructor.

THEATRE 330 Special Topics Content varies. May be repeated with change of topic. Prerequisite: consent of instructor.

THEATRE 339 Advanced Acting Scene-study course in advanced acting techniques emphasizing scene analysis and character development. Focus on creation of realistic characters from modern theatre. Primarily intended for graduate students and undergraduate transfer students. Prerequisite: consent of instructor.

THEATRE 340-1,2 Stage Directing 1. Staging fundamentals: blocking, movement, business, tempo, script selection and analysis, casting, and rehearsal planning. **2.** Special problems: exposition, suspense, surprise, marking of climaxes, and creation of mood. Prerequisite: consent of instructor.

THEATRE 341-1,2,3 Acting II: Analysis and Performance Theory, principles, and techniques of interpretation of drama from the point of view of the actor. **1.** Greek tragedy. **2.** Shakespeare. **3.** Modern drama. Prerequisite: consent of instructor.

THEATRE 342-0 Lighting Design II For advanced undergraduate lighting design students and graduate students studying lighting design as a secondary area. Lectures and design projects. Prerequisites: 241-3 and consent of instructor.

THEATRE 343-0 Scene Design II For advanced undergraduate set design students and graduate students studying scene design as a secondary area. Lectures and design projects. Prerequisites: 241-1 and consent of instructor.

THEATRE 344-0 Costume Design II For advanced undergraduates studying costume design and graduate students studying costume design as a secondary area. Lectures and design projects. Prerequisites: 241-2 and consent of instructor.

THEATRE 345-1,2,3 History of Western Theatrical Practice Comprehensive survey of the theory and history of theatre and drama. **1.** The classical period. **2.** The Middle Ages, Renaissance, and early 17th century. **3.** Late 17th century through the modern era.

THEATRE 346-1,2,3 Playwriting Fundamental techniques of playwriting. A yearlong sequence aimed at developing an original full-length play. Prerequisites: junior or senior standing and consent of instructor.

THEATRE 347-0 Theatre for Young Audiences Selection, evaluation, direction, and production of plays for children. Prerequisite: consent of instructor.

THEATRE 348-1 Creative Drama Process-centered improvisation and its applications to teaching, performance, therapy, writing, recreation, and other areas. Prerequisite: consent of instructor.

THEATRE 348-2 Advanced Creative Drama Explores improvised drama as a teaching method and a means of learning for the elementary school child. Theory and practice through reading, discussion, films, and observation. Course culminates in extended teaching projects with children from local schools. Prerequisites: 348-1 (or equivalent) and consent of instructor.

THEATRE 349-1,2,3 Acting III: Problems in Style Advanced problems in acting theories and styles. **1.** Comedy. **2.** Contemporary drama. **3.** Special topics. Prerequisite: consent of instructor.

THEATRE 350-0 Production Management Role and duties of a production manager. Experience in production management. Production management of modern shows in different venues. Prerequisite: consent of instructor.

THEATRE 351-0 Staging of Contemporary Drama Production problems peculiar to directing of plays for contemporary theatre. Prerequisite: 340-1,2 or equivalent.

THEATRE 352-1,2 Music Theatre Techniques Various performance styles of musical theatre. Current topic will be listed in the quarterly class schedule. May be repeated for credit with change of topic. Open to students in the Music Theatre Certificate Program or by consent of instructor. Prerequisites: junior standing and 243-1,2,3.

THEATRE 353-0 Topics in Stagecraft Seminars with guest or resident faculty on topics in stagecraft. Prerequisite: consent of instructor.

THEATRE 354-0 History of Costume and Décor Style and aesthetics of art, architecture, fashion, and decorative arts. Special emphasis on periods of theatrical production. Current topic will be listed in the quarterly class schedule. May be repeated for credit with change of topic. Prerequisite: consent of instructor.

THEATRE 355-0 Scene Painting Traditional and contemporary theory and practice of scene painting. Lecture and studio. Lab fee required. Prerequisite: consent of instructor.

THEATRE 356-1,2,3 Graphic Arts for the Stage Designer Techniques and materials of graphic communication for the stage designer. May be repeated for credit with change of topic. Crew participation in department productions may be required. **1.** Perspective, rendering, and color. **2.** Theatrical drafting and calligraphy. **3.** Theatrical model building and three-dimensional design development. Prerequisite: junior standing or consent of instructor.

THEATRE 356-4 Drawing and Painting for the Theatre: Drafting Introduction to and application of graphic tools, materials, and techniques used in drafting scenic and lighting designs for the theatre. Prerequisites: 356-1,2,3, 357-1, and/or consent of instructor.

THEATRE 357-1,2 Freehand Drawing for the Stage Designer Drawing for scenery, costume, and lighting designers; principles of drawing and composition using a variety of drawing materials. Lecture and studio. **1.** Freehand drawing. **2.** The figure in space. Prerequisite: consent of instructor.

THEATRE 361-0 Textile Arts and Crafts for the Costume Designer For advanced undergraduate and graduate students studying costume design. Topics may include fabric dyeing, fabric modification, wig ventilation, millinery construction, and yarn arts. May be repeated for credit with change of topic. Prerequisites: 344 and consent of instructor.

THEATRE 362-0 20th-Century Stage Design Major stylistic developments in 20th-century scenography and scene, costume, and lighting design. Emphasis on the American artist in context of the major influences that have shaped the craft. Prerequisite: consent of instructor.

THEATRE 363-0 Theatre Sound Planning and execution of sound for theatrical production; design of the actor's acoustical environment. Crew participation in department productions. Prerequisites: junior standing and consent of instructor.

THEATRE 364-1,2,3 Period Pattern Drafting and Draping Techniques of flat pattern drafting and advanced construction used to create historical garment patterns for the stage. **1.** Flat patterns. **2.** Draping. **3.** Period patterns. Prerequisites: junior standing and consent of instructor.

THEATRE 365-1,2 American Theatre and Drama Survey of American theatre and drama; examines relevance of plays, performances such as pageants and blackface minstrelsy, theatre companies, and their original contexts to their national identity. **1.** Beginnings through the 1930s. **2.** 1940s to present. Prerequisite: 140-1,2 or consent of instructor.

THEATRE 366-0 Special Topics in History, Literature, or Criticism Content varies. Studies of individual playwrights, national or regional theatres, historical periods, performance practices, or theoretical inquiries. Prerequisite: 140-1,2 or consent of instructor.

THEATRE 367-0 History of the Lyric Theatre Three-part course, covering the major movements in the histories of dance, opera, and musical comedy. Examination of artists and their works.

THEATRE 368-0 African Theatre and Drama Major practices in African theatre and drama. Topics may include festival practices, traveling and popular theatres, Anglophone drama, nationalist dramas, reappropriation of the Western canon, or theatre for development. Prerequisite: 345-1, -2, or -3 or AF AM ST 259 or consent of instructor.

THEATRE 369-0 Latin American Theatre Explores the intersection of theatre and politics in modern and contemporary Latin American theatre by linking dramatic texts to readings in history, genre, and theory.

THEATRE 373-0 Computer Graphics for the Theatre Artist Computer graphics for the stage designer. Investigation of available software programs and strategies for use in theatre. Current topic will be listed in the quarterly class schedule. May be repeated for credit with change of topic. Lecture/laboratory. Crew participation in department productions may be required. Prerequisite: consent of instructor.

THEATRE 374-0 Text Analysis for Theatrical Production Seminar in analysis of dramatic and nondramatic texts as it relates to the problems of realized theatrical production. Prerequisite: consent of instructor.

THEATRE 376-0 Participation Theatre for Young Audiences Participation and story theatre, incorporating improvisation into the structure of a scripted play for the child audience. Prerequisite: consent of instructor.

THEATRE 379-0 Topics in Stage Management and Leadership Leadership versus management, delegating, team building, theatrical hierarchy, organizing the design process. Advanced study in leadership, management, communication, and actor-director-designer relationships. Course requires stage managing a mainstage production. Prerequisite: consent of instructor.

THEATRE 380-0 Internship in Theatre Practice (3 units for undergraduates; 2 units for graduates) Production and/or management activities in a theatre company. Prerequisite: consent of department.

DANCE 387-0 Theatre/Dance Practicum See Dance.

THEATRE 399-0 Independent Study Prerequisite: consent of undergraduate dean after submission of petition.

Dance Major

www.communication.northwestern.edu/programs/major_dance

The Department of Theatre also offers a major in dance. The dance major prepares students for further advanced academic work or a wide range of positions in professional dance. The major's comprehensive curriculum emphasizes the study of dance as well as the act of dancing. Students are prepared for lifetime involvement in the field and for continued development intellectually, artistically, and

professionally within the dance world. In addition to dance technique and choreography, the program provides students with opportunities for writing, research, and analysis in the field. The major presents a well-integrated view of dance while also providing sound technical training in a variety of forms, with modern dance and jazz as the foundation techniques. The department offers a number of dance organizations and performing opportunities.

Requirements for a Major in Dance

- Introductory courses: DANCE 101-1,2,3; THEATRE 140-3 (dance majors' section)
 - Upper division core requirements: DANCE 202, 225, and 395
 - 200- or 300-level communication courses: 3 courses
 - Dance technique classes: a minimum of 4 units from the list below (each dance technique class carries .33 units; three classes add up to 1 unit of credit) plus an additional .33 unit of 140 Cultural Forms; as part of the 4 units, at least 1 unit of modern and at least 1 unit of Jump Rhythm Technique (a section of Jazz I and II) must be taken sequentially, each in consecutive quarters in a single academic year
- DANCE 110 Movement for the Stage
 DANCE 120 Topics in Preparation for Performance
 DANCE 130 Music Theatre Dance
 DANCE 140 Cultural Forms
 DANCE 150 Modern I
 DANCE 160 Jazz I
 DANCE 170 Ballet I
 DANCE 180 Tap I
 DANCE 250 Modern II
 DANCE 260 Jazz II
 DANCE 270 Ballet II
 DANCE 280 Tap II
 DANCE 350 Modern III
 DANCE 360 Jazz III
 DANCE 370 Ballet III
 DANCE 380 Tap III

- At least 5 courses chosen from the following categories:

Performance (at least 2 units)

DANCE 235 Choreography for Music Theatre
 DANCE 325 Advanced Choreographic Study
 DANCE 326 Advanced Improvisation
 DANCE 345 Studies in Collaboration
 DANCE 387 Theatre/Dance Practicum
 DANCE 465 Studies in Dance (see Graduate School catalog)

History, theory, and criticism (at least 2 units)

DANCE 201 Cultural Studies of Dance
 DANCE 215 Dance History
 DANCE 315 Dance Criticism
 DANCE 335 Special Topics in Dance Research (methods or history topics)

DANCE 365 American Rhythm Dancing and the African American Performance Aesthetic
 THEATRE 367 History of the Lyric Theatre
 DANCE 399 Independent Study

Professional studies (at least 1 unit)

DANCE 335 Special Topics in Dance Research
 DANCE 355 Dance in Education
 DANCE 356 Theories of Dance and Expressive Arts Therapies
 DANCE 375 Summer Dance Institute
 THEATRE 380 Internship in Theatre Practice
 DANCE 399 Independent Study
 DANCE 465 Studies in Dance (see Graduate School catalog)

- Courses outside communication: 6 courses at the 200 level or above, including at least 3 courses at the 300 level or above (may include courses taken to meet the distribution requirement)
- Distribution requirements: 18 courses outside the school, including 8 courses from the School of Communication distribution areas: 2 from science, mathematics, and technology; 3 from individual and social behavior; and 3 from humanities and fine arts
- Electives in communication and other areas to complete a minimum of 45 courses

Dance Minor (7 units)

www.communication.northwestern.edu/programs/minor_dance

The dance program offers courses that introduce the many areas of study within the dance world as well as the many opportunities to contribute to the field. Technique study in the program focuses primarily on contemporary modern dance and Jump Rhythm Technique supported by study in ballet, tap, and other movement classes.

All students are eligible for this minor, as space allows.

The minor in dance requires 7 courses in the program. No courses for the minor may be taken using the P/N option, and all classes must be completed with a grade of C- or higher in order to be counted toward the minor.

- 3 courses from the primary and secondary core:
 - DANCE 101-1 Introduction to the Dance Experience: Dance in Context
 - DANCE 101-2 Introduction to the Dance Experience: Movement Awareness
 - DANCE 225 Dance Composition
- 1 course in dance history, theory, or criticism
- 2 units of dance technique in modern and Jump Rhythm techniques (each dance technique class carries .33 unit, so 6 classes add up to the 2-unit requirement); these classes do not need to be taken in a 3-course sequence
- 1 elective reflecting the student's special interests (a dance technique sequence may not be used to satisfy this requirement)

Dance Technique Courses Open to Undergraduates

DANCE 110-0 Movement for the Stage Movement and body awareness. Improvisational techniques using time, space, weight, and effort as the instrument of expression.

DANCE 120-0 Topics in Preparation for Performance Different techniques each quarter to help prepare students for performance. Techniques include Pilates, yoga, Alexander technique, and the Feldenkrais method.

DANCE 130-0 Music Theatre Dance Choreography from Broadway shows. Explores various styles of original Broadway choreography through study of jazz, tap, modern, and ballet repertoire (not technique). Each class includes a short warm-up period.

DANCE 140-0 Cultural Forms Sections offer instruction in different ethnic dance forms; sections offered in the past include flamenco, Indian, salsa, and African.

DANCE 150-0, 250-0, 350-0 Modern Offered at levels I, II, and III each quarter to develop modern dance technique. Higher levels progress more rapidly with a greater level of complexity, as class work focuses on a wider range of qualities and aesthetics. Style of modern technique varies with each instructor.

DANCE 160-0, 260-0, 360-0 Jazz Offered at levels I, II, and III each quarter to develop jazz technique. As class advances, students learn more advanced rhythmic phrases, more complex body-part isolations, and quicker direction changes in space. Style of jazz technique varies with each instructor.

DANCE 170-0, 270-0, 370-0 Ballet Offered at levels I, II, and III each quarter to cover ballet from basic principles through advanced skills. Terminology and movements are based on class level. Dancers begin at the barre and continue in the center, across the floor, and from the corner with combinations of steps, including turns and jumps.

DANCE 180-0, 280-0, 380-0 Tap Tap technique. One level is offered each quarter, starting at beginning level. The fundamentals of tap are developed through each level, and rhythmic awareness is expanded.

Dance Academic Courses Open to Undergraduates

DANCE 101-1,2,3 Introduction to the Dance Experience Foundation for further studies in dance technique, science, history, and analysis. 1. Introduction to body-mind approaches to movement study, including Laban movement analysis, yoga, tai chi, body-mind centering, and Feldenkrais. 2. Dance in context: places dance in the context of other aspects of human behavior, exploring social dance, ritual, and theatrical performance. 3. Introduction to improvisation: dance and movement improvisation as a tool for developing a personal movement vocabulary.

DANCE 201 Cultural Studies of Dance Dance as a force in culture and society amid ethnic, social, and theatrical traditions. Participation in labs, class lectures, and discussions.

Required readings; independent video viewing and concert attendance.

DANCE 202 Experiential Anatomy for Performers The language and analysis of anatomy; heightening of bodily awareness using kinesthetic sensation and imagery. Combines theory and practice to achieve both intellectual and experiential awareness of the kinesthetics of anatomy.

DANCE 215-0 Dance History Choreographic accomplishments in the major developmental periods of American dance. Readings, discussion, video screenings, movement workshops, and research.

DANCE 225-0 Dance Composition Fundamental choreographic elements: time, space, shape, form, dynamics, and design. Choreographic exploration of the basic principles of dance composition.

DANCE 235-0 Choreography for Music Theatre How to manipulate space, time, and energy in short movement studies; creating a movement study in dramatic action that relies on those manipulations; choreographing a short dance to music for other dancers using the previous movement studies as guideposts.

DANCE 315-0 Dance Criticism Critical and theoretical thought of writers on Western theatrical dance.

DANCE 325-0 Advanced Choreographic Study Manipulation of space, time, and energy according to the principles of organic compositional development to produce personal, poetically charged choreographic statements. Lecture-laboratory investigation of advanced choreographic concepts; abstraction, style, use of music, group work, humor in dance. Prerequisite: 225 or consent of instructor.

DANCE 326-0 Advanced Improvisation Improvisation as a source for composition and performance. Recommended for musicians and actors wishing to expand knowledge and/or command of dance vocabulary and for dancers wishing to investigate the musical and theatrical dimensions of their art. Emphasis on interrelationships between people moving and between the performing arts that students bring to the course. Prerequisite: 101-3 or consent of instructor.

DANCE 335-0 Special Topics in Dance Research Research methodologies, dance scholarship, criticism, and historical reconstruction. Critical issues and contemporary problems. Content varies.

DANCE 345-0 Studies in Collaboration Workshop exploration of collaboration as well as historical and theoretical perspectives. Seminar, practicum. Through studio work, reading, and discussion, dancers and musicians will explore our shared language.

DANCE 355-0 Dance in Education Organizing and teaching dance technique and creative movement for children and adolescents. Creative play, movement exploration, acquisition of basic motor skills, links to the classroom. Lecture, laboratory, and field experiences.

DANCE 356-0 Theories of Dance and Expressive Arts Therapies Overview of dance, drama, and art therapies as currently

practiced in treating disabled, mentally ill, or other special populations. Introduces diverse theoretical perspectives in the role and use of art forms as therapeutic modalities. Symbolic meaning, group dynamics, and the language of movement as it relates to personality, body image, and expression.

DANCE 365-0 American Rhythm Dancing and the African American Performance Aesthetic Viewing (via video) and evaluating the sources and contemporary influences of jazz, tap, Broadway, and other vernacular forms of theatre dance. Light movement exercises to convey the kinesthetic basis of American rhythm dancing.

DANCE 375-0 Summer Dance Institute One-week summer workshop exploring various forms of dance with guest artists.

DANCE 387-0 Theatre/Dance Practicum Offered during the summer to provide academic credit to students participating in a Northwestern performance.

DANCE 395-0 Senior Seminar A forum for addressing issues of transition, career planning, and support, providing a structure for analyzing opportunities in the professional dance world. The seminar is also responsible for creating and producing the Senior Concert, the culminating activity of the dance major. The course meets as a yearlong sequence with grade and 1 credit unit awarded in the spring.

DANCE 399-0 Independent Study Prerequisite: consent of undergraduate dean after submission of petition.