

**Descriptions — Telecommunication  
of  
Courses**

**801. Telecommunication Technologies**  
Spring, Summer. 4(4-0) Approval of department.

Developing technologies in telecommunication, such as telephony, cable, multiple multipoint distribution services, videocassette recordings, low power television, videotext, satellite distribution. Impacts and interrelationships of services.

**810. Telecommunication Policy Analysis**  
Winter, Spring. 4(4-0) TC 310, or approval of department.

Systematic interdisciplinary analysis of major public and private telecommunication policies applying tenets from law, political science, economics, communication, general social science and technology.

**815. Multichannel TV Operations and Programing**  
Spring. 4(4-0) TC 401, TC 415 or approval of department.

Case studies in multichannel television system management and programing; cable, multiple multipoint distribution service, satellite master antenna TV, direct broadcast satellite.

**821. Mass Communication Theory and Research**  
Fall, Spring. 4(4-0)

Current behavioral science theories and research, e.g., media institutions, decision-making, mass media exposure patterns, diffusion of news and influence, effective message strategies, political communication, and mass media in socialization.

**822. Art Instructional Media Laboratory II — Television**  
Fall, Winter, Spring, Summer. 4(1-9)  
May reenroll for a maximum of 8 credits. Approval of department. Interdepartmental with and administered by Studio Art.

Analysis of teaching video tapes and television programs in art. Utilization of television as a medium of artistic expression and communication for application to art education or related fields.

**825. Seminar in Instructional Television**  
Spring. 3(3-0) Approval of department. Interdepartmental with and administered by the Department of Counseling, Educational Psychology and Special Education.

Television use in instruction, particularly as it concerns the learner, the classroom teacher, the instructional developer and the administration.

**830. The Television Producer**  
Winter. 4(4-0) TC 361 or approval of department.

Producer's functions in planning and supervising the execution of television programs, with emphasis on content, organization and use of production techniques to secure the intended audience response.

**831. Media Research I**  
Fall. 4(4-0) Approval of department. Intedepartmental with the Department of Advertising.

Survey and experimental research designs and their relationship to mass media problems. Applied mass media research, audience research, consumer studies, mass media message research.

**832. Media Research II**  
Winter. 4(4-0) TC 831. Interdepartmental with the Department of Advertising.  
Data analysis techniques and presentation of mass media research data. Models for the study of mass media research problems.

**840. News and Public Affairs Programming**  
Winter. 4(4-0) Approval of department.

Analysis of broadcast journalism functions in relation to program design. Writing practice in analytic and editorial forms. Programming responsibilities, legal and ethical restraints.

**841. News and Public Affairs Producing**  
Spring. 4(2-4) Approval of department.  
Researching, writing and producing extended news and public affairs reports.

**850. Telecommunication Sales and Sales Management**  
Winter. 4(4-0) TC 401 or approval of department.

The sales process for telecommunication account executives. Development and presentation of an actual sales presentation. Direction and supervision of facility sales and promotion personnel, setting up compensation plans.

**851. Telecommunication Financial Management**  
Spring. 4(4-0) TC 832.

Financial analysis of broadcast stations and cable systems, acquisition criteria, recapitalization, and evaluation of system performance. Role of finance and managerial economics in pricing, profit maximization. Application of forecasting techniques.

**852. Telecommunication Industries**  
Spring. 4(4-0) EC 201 or approval of department.

Economic examination of telecommunication industries with emphasis on market structure, conduct, performance, program diversity, new technologies, recent regulatory policies, anti-trust, and common carrier.

**869. Telecommunication and Development**  
Fall. 4(4-0) TC 498 recommended.

Role of telecommunication and electronic media in change and development in Third World within frameworks of diffusion of innovations, critical and dependency theories.

**870. Comparative Telecommunication Systems**  
Winter. 4(4-0) TC 498 or approval of department.

Comparative analysis of broadcasting, cable, satellite and telephone systems. Emphasis on development and economics policy, historical and cultural context; consideration of both content and structure in developed and developing countries.

**871. International Telecommunication Systems and Issues**  
Spring. 4(4-0) TC 498 or approval of department.

International issues: crossborder radio, television sales/flows, foreign investment, transborder data flow, satellite broadcasting. Institutions such as ITU, UNESCO, INTELSAT and Eurovision.

**880. Public Broadcasting**  
Winter. 4(4-0) TC 489 or approval of department.

Investigation of the role, organization, and problems of non-profit broadcasting by television and radio, especially since its recognition by federal legislation as an alternate program service to commercial broadcasting in the United States.

**890. Special Problems**  
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 6 credits. Approval of department.

**899. Master's Thesis Research**  
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**910. Public Policy in Mass Media II**  
Spring. 4(4-0) Students in the Ph.D. Program in the Mass Media or approval of department.

Analysis of theory, documents and research in public policy as it relates to mass media including administrative, antitrust, copyright, advertising and communication policy.

**931. Mass Media and the First Amendment**  
Fall. 4(4-0) Advanced graduate students. Interdepartmental with the Department of Advertising and the School of Journalism. Administered by the School of Journalism.

First amendment rights and the mass media. Analysis in depth of past and present public policy in areas of confrontation over guaranteed rights of freedom of expression.

**THEATRE THR**  
**College of Arts and Letters**

**101. Theatre Appreciation: Foundations**  
Fall, Winter, Spring, Summer. 3(3-0).  
An overview of theatre arts as a recreational, cultural and social force in contemporary life; fundamentals of play production.

**104. Introduction to Costuming**  
Fall, Winter, Spring. 3(2-2)  
Introductory study of theatrical costuming including theory, patterning, materials, construction and history of dress.

**211. Sophomore Acting Practicum**  
Fall. 4(0-10) THR 223 or approval of department.  
Intensive training in rehearsal techniques and performance skills through exercises, improvisation and scenes. Emphasis is placed on individual expression, development and potential.

**212. Stage Voice Practicum**  
Winter. 4(0-10)  
Intensive training in breathing, tone production, articulation, and phrasing through exercises and performance projects. Emphasis is placed on helping students understand their voice and speaking potentials.

**221. Introduction to Technical Theatre**  
Fall, Winter, Spring, Summer. 3(2-2)  
Fundamentals of the technical aspects of stage practice with an opportunity to practice basic technical theatre skills in the department shops.

**223. Introduction to Acting**  
Fall, Winter, Spring, Summer. 4(1-6)  
Training beginning performers to utilize their experiences to develop themselves as artistic instruments.

**300A. Rehearsal**  
Fall, Winter, Spring, Summer. 1(0-3)  
May reenroll for a maximum of 7 credits. Approval of department.  
Rehearsal in department's major productions.

**300B. Production**

Fall, Winter, Spring, Summer. 1(0-3)  
May reenroll for a maximum of 7 credits.  
Approval of department.

Construction work or running crew for department's major productions.

**301. Beginning Directing**

Fall, Winter. 3(0-6) THR 320, THR 321 or approval of department.

Fundamentals of directing emphasizing theory and practice of basic concepts.

**302. Intermediate Directing**

Winter, Spring. 3(1-4) THR 301 or approval of department.

Emphasis on practical application and expansion of directing technique.

**303. Advanced Directing**

Spring. 4(0-8) THR 302 or approval of department.

Preparation and performance of a one-act play or short work in selected space with limited resources.

**304. Design Media and Techniques**

Spring. 3(2-2) THR 320, THR 321 or approval of department.

Basic rendering and design techniques relative to effective costume and scenic design.

**320. Theatre Practicum**

Fall, Spring. 5(0-15) THR 101, THR 104, THR 221, THR 223 or approval of department. THR 321 concurrently.

Exploration of theatre as a cooperative venture beginning with ideas, expanding through design and rehearsal, culminating in production. Apprenticeship experience stressed.

**321. Theatre Production Design**

Fall, Spring. 4(0-12) THR 101, THR 104, THR 221, THR 223 or approval of department. THR 320 concurrently.

Study and practice in drafting and the use of graphics for the stage, plus practical shop work on departmental productions.

**323. Intermediate Acting**

Fall, Winter, Spring, Summer. 4(1-6) THR 223, for nonmajors only.

Continuation of THR 223 with emphasis on vocal interpretation and characterization.

**335. Film and Drama, a Comparison**

(J M 335A., A L 335.) Winter, Spring, 3(3-2) Juniors.

A comparison of dramatic and cinematic forms with primary emphasis on the unique attributes of each medium that create differing impacts and responses on the reader/viewer.

**401A. Dance Studio I**

Fall, Winter of even-numbered years; Spring of odd-numbered years. 2(0-6) May reenroll for a maximum of 12 credits. HCP 211 or approval of department.

Intensive practicum in theatrical dance forms with emphasis on performance. Selected dance idioms and specialized styles of dance will enhance development of dancers as performing artists.

**401B. Dance Studio II**

Fall, Winter of odd-numbered years; Spring of even-numbered years. 2(0-6) May reenroll for a maximum of 12 credits. HCP 211 or approval of department.

An intensive practicum in theatrical dance with an emphasis on dance forms that are exemplary of musical theatre genre.

**402. Movement Studio**

Fall, Winter, Spring. 2(0-6) May reenroll for a maximum of 12 credits. A course in acting, approval of department.

Practicum in theatrical dance and movement. Various idioms of movement are introduced to enhance range of performer.

**403. Labanotation**

Fall of odd-numbered years. 3(3-0)

Theory and practice of labanotation, a system of recording movement in space and time designed for dancers, choreographers, directors, designers, and useful in acting, as well.

**404. Choreography**

Spring of odd-numbered years. 3(0-6) THR 401A, THR 401B or THR 402.

Basic understanding of dance choreography.

**405. Dance Production**

Spring of even-numbered years. 3(2-2) Approval of department.

Principles and methods involved. Practical experience in development and presentation of dance programs.

**406. Oral Interpretation**

Winter, Spring. 3(1-4) THR 223 or approval of department.

Training in selecting, interpreting, and performing literature for an audience.

**411. Acting Studio I**

Fall. 4(0-10) May reenroll for a maximum of 8 credits. THR 211, approval of department.

An intensive acting practicum designed to deal with problems in acting style as well as the extension of the performer's range.

**412. Acting Studio II**

Winter. 4(0-10) May reenroll for a maximum of 8 credits. THR 411 or approval of department.

Continuation of THR 411.

**413. Acting Studio III**

Spring. 4(0-10) May reenroll for a maximum of 8 credits. THR 412 or approval of department.

Continuation of THR 412.

**414. Auditioning**

Fall. 2(1-2) Approval of department.

Selection and preparation of audition materials to prepare the student for the audition situation.

**415. Stage Dialects**

Winter. 3(2-2)

Basic sounds, rhythms, melodies of several dialects using ear training method. Knowledge of phonetics, foreign languages helpful but not required. Students practice and perform each dialect.

**416. Theatre Script Analysis**

Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.

For all theatre practitioners. Concentration on structure, language, themes, imagery and the development of creative interpretations of a script.

**420. Creative Dramatics I**

Fall, Winter, Spring, Summer. 3(1-4)

Techniques for developing playmaking, story dramatization and improvisational skills in young people with emphasis on the school, camp and recreational use of these activities.

**421. Creative Dramatics II**

Spring. 3(1-4) THR 420.

Development of youth oriented creative dramatic sessions for guided classroom and recreational use.

**426. Children's Theatre**

Spring. 3(2-2)

Development of skills necessary to produce traditional or improvised performances for children beginning with the idea or play and culminating in assessment of audience reaction.

**432. Theatrical Makeup**

Fall, Winter. 3(1-4) Majors or approval of department.

Theory and application of makeup for the stage: two dimensional.

**433. Advanced Theatrical Makeup**

Spring of odd-numbered years. 3(1-4) THR 432.

Three dimensional forms of makeup: prostheses, hair, masks.

**434. Stage Costume Design**

(440.) Spring of even-numbered years. 4(4-0) THR 104 or approval of department.

Theory of costume design. Costume design problems.

**435. Advanced Stage Scenery Design**

(440.) Winter. 4(4-0) THR 320, THR 321, THR 304 or approval of department.

Theory of and special problems in stage design.

**436. Stage Lighting Design**

(440.) Fall. 4(4-0) THR 221.

Theory and practice in lighting design and equipment.

**437. Scene Painting**

Fall of odd-numbered years. 3(0-6) Majors or approval of department.

A "hands-on" course which introduces and explores the styles, techniques and materials necessary for painting scenery for the stage.

**475. Black African Theatre Forms**

Spring of even-numbered years. 3(3-0) Approval of department.

Overview of selected Caribbean and African playwrights. Examination of performance styles and historical situations that may affect the playwright.

**477. Development of Theatre I**

Fall of even-numbered years. 3(3-0)

Origins and evolution of Western physical theatre from 500 B.C. to 1850 A.D. with emphasis on theatre as a performance art and a social expression.

**478. Development of Theatre II**

Fall of odd-numbered years. 3(3-0)

Crisis and change in the theatre forms since 1850 with emphasis on the emergence of the stage director and the influence of new technology.

**479. Black American Theatre**

Spring of odd-numbered years. 3(3-0)

Black American Theatre from its beginning in ritual theatre and oral tradition of Africa through its redevelopment in America.

**480. American Theatre History**

Spring of even-numbered years. 3(3-0)

Focus on major events and artists of the American Theatre from 1665 to the present.

**Descriptions — Theatre  
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**481. Direction and Design: Styles**  
Spring of odd-numbered years. 3(0-6)  
THR 303.

Provide background in historic research skills and historic production techniques.

**483. Theatre Organization and Management**  
Fall. 3(3-0)

Administration, organization and philosophy of theatre.

**489. Tour**

Spring. 3(0-6) May reenroll for a maximum of 6 credits. Approval of department.

Rehearsal for and participation in the various departmental touring productions.

**490. Theatres of India and Southeast Asia**

Winter of odd-numbered years. 3(3-0)

Origins and development of major theatre forms of India and Southeast Asia supplemented by significant plays illustrative of the courtly tradition, religious ritual and social revolution.

**491. Theatres of China and Japan**

Winter of even-numbered years. 3(3-0)

Origins and development of major theatre forms of China and Japan supplemented by key plays and their unique manner of presentation.

**493. History of Dance I**

Fall of even-numbered years. 3(3-0)

Approval of department.

Historical overview of dance to 1900. Emphasis on various dance forms, artists and cultures.

**494. History of Dance II**

Winter of odd-numbered years. 3(3-0)

Approval of department.

The history of dance from 1900 to the present. Focus on various dance forms, philosophies and personalities, including those of the American musical theatre.

**499A. Readings in Special Theatre Problems**

Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 12 credits. Approval of department.

Independent study projects related to specific problems in theatre production of an advanced and/or experimental nature. Taught tutorially.

**499B. Design Tutorial**

Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 12 credits. Approval of department.

Independent study projects related to specific problems in theatrical design of an advanced and/or experimental nature. Taught tutorially.

**499C. Directing Tutorial**

Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 12 credits. Approval of department.

Independent study projects related to specific problems in direction of an advanced and/or experimental nature. Taught tutorially.

**499D. Children's Theatre Tutorial**

Fall, Winter, Spring, Summer. 3 to 6 credits. May reenroll for a maximum of 12 credits. THR 420, THR 421.

Independent study projects related to specific problems in children's theatre or creative dramatics.

**499E. Dance Tutorial**

Fall, Winter, Spring. 1 to 3 credits. May reenroll for a maximum of 12 credits. Approval of department.

Independent study projects related to specific problems in dance of an advanced and/or experimental nature.

**800. Theatre Methodology and Research**

Fall. 3(3-0)

Explores research techniques appropriate to theatre. Practical library projects strengthen skills necessary to digest and relate data meaningfully at all levels of theatre.

**801A. Dramatic Theory and Criticism: Greek to Neoclassic**

Fall. 3(4-0) Approval of department.

Dramatic criticism and theory from Aristotle to 1770. Emphasis on classic contributions.

**801B. Dramatic Theory and Criticism: 1800 to Present**

Winter. 3(4-0) Approval of department.

Dramatic criticism and theory from Romanticism to the present day.

**803A. Practicum in Theatre Arts: Acting**

Fall, Winter, Spring, Summer. 3(0-10)

May reenroll for a maximum of 18 credits. Approval of department.

Graduate practicum in acting.

**804. Problems in Theatrical Design**

Fall, Winter, Spring, Summer. 4(4-0)

May reenroll for a maximum of 20 credits. Approval of department.

Problems in theatre design—costumes, scenery, lighting, architecture, properties, sound.

**805. Studies in Comparative Theatre and Drama**

Fall, Winter, Spring, Summer. 3(3-0)

May reenroll for a maximum of 12 credits. Approval of department. Interdepartmental with the Department of English.

Comparative study of selected playwrights, movements, trends and developments in world drama from the beginnings to the present day.

**806. Advanced Directing Practices**

Winter, Summer. 4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

Directing theory and practice in the 20th century. Study and laboratory experimentation.

**808. Studies in Theatre History**

Fall, Winter, Spring, Summer. 3(3-0)

May reenroll for a maximum of 18 credits. Approval of department.

Selected periods in Western and Asian Theatre History emphasizing the theatre as a cultural expression and a performing art.

**809. Acting Theory**

Fall. 2(2-0) Approval of instructor.

Discussion of the theories, processes, techniques, and styles of acting set forth in the writings of prominent performers, teachers, and critics.

**899. Master's Thesis Research**

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**990. Special Problems—Theatre**

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 15 credits.

Special problems in theatre research and experimentation with emphasis on the relation of theatre to other disciplines.

**999. Doctoral Dissertation Research**

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

## URBAN PLANNING

See Geography.

## VETERINARY MEDICINE V M (COLLEGE OF)

**512. Physical Examination and Animal Handling I**

Winter. 2(0-6) First year Veterinary Medicine students.

Techniques for restraint and examination of horses, poultry, dogs, cats, caged birds; inspections of production units.

**515. Introduction to Veterinary Practice and Animal Behavior**

Winter. 2(2-0) First year Veterinary Medicine students.

Animal behavior including patterns, inheritance, learning, communication, sleep patterns, social structure, physical examination, ingestive and eliminative; human-animal bonding; solving behavior problems; medical record development and establishing client relationships.

**517. Perspectives in Veterinary Medicine**

Fall. 1(1-0) First-term Veterinary Medicine students.

Ethical principles, historical background and organization of the veterinary profession.

**540. Metabolic Diseases and Endocrinology**

Winter. 2(2-0) Fifth-term Veterinary Medicine students.

Biochemical and physiological basis of metabolic and endocrine diseases of animals including diagnosis, treatment and management.

**542. Principles of Radiology**

Fall. 2(2-0) Fourth-term Veterinary Medicine students.

Fundamentals of veterinary radiography. Normal radiographic anatomy. Principles of radiographic interpretation. Radiation safety.

**544. Veterinary Epidemiology**

Fall. 4(4-0) Fourth-term Veterinary Medicine students.

Meaning and relevancy of biostatistics in veterinary medicine. Descriptive and inferential statistics. Study design and critical literature review. Disease determinants, ecology, distribution and populations at risk. Analytic-clinical investigative epidemiology.