

**Descriptions — Telecommunication  
of  
Courses**

**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. HPE 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. HPE 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**  
(HPR 411., HPE 411.) Spring of odd-numbered years. 3(0-6) THR 401A, THR 401B or THR 402.  
Basic understanding of dance choreography.

**405. Dance Production**  
(HPR 436., HPE 436.) 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 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.
- 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**  
(HPR 321B., HPE 321B., HPE 322.)  
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**  
(HPR 321C., HPE 321C., HPE 323.)  
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.

## Descriptions — Theatre of Courses

- 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 cred-  
its.  
Special problems in theatre research and experi-  
mentation with emphasis on the relation of the-  
atre to other disciplines.
- 999. Doctoral Dissertation Research**  
Fall, Winter, Spring, Summer. Variable  
credit. Approval of department.

## URBAN PLANNING

See Geography.

## VETERINARY MEDICINE VM (COLLEGE OF)

- 511. Introduction to Veterinary  
Medicine I**  
Fall. 2(2-0) First-term Veterinary  
Medicine students.  
Species and breed identification, predisposition  
for specific diseases, basic care and feeding,  
restraint and handling of small domestic ani-  
mals, unusual pets, and laboratory animals.
- 517. Perspectives in Veterinary  
Medicine**  
Fall. 1(1-0) First-term Veterinary  
Medicine students.  
Ethical principles, historical background and  
organization of the veterinary profession.
- 521. Introduction to Veterinary  
Medicine II**  
Spring. 4(3-4) Third-term Veterinary  
Medicine students.  
Restraint, physical examination and diagnostic  
procedures in food animals and horses. Funda-  
mentals of equine conformation, gaits, shoeing  
and routine medical care.
- 531. Animal Behavior**  
Winter. 3(3-0) Second-term Veteri-  
nary Medicine students.  
Emphasis on behavior of animals relating to dis-  
ease prevention and treatment. Veterinary etho-  
logy including animal communications, re-  
production, restraint, handling, housing and  
feeding habits.
- 540. Metabolic Diseases and  
Endocrinology**  
Winter. 2(2-0) Fifth-term Veterinary  
Medicine students.  
Biochemical and physiological basis of meta-  
bolic and endocrine diseases of animals includ-  
ing diagnosis, treatment and management.
- 542. Principles of Radiology**  
Fall. 2(2-0) Fourth-term Veterinary  
Medicine students.  
Fundamentals of veterinary radiography. Nor-  
mal radiographic anatomy. Principles of radio-  
graphic interpretation. Radiation safety.
- 544. Veterinary Epidemiology**  
Fall. 4(4-0) Fourth-term Veterinary  
Medicine students.  
Meaning and relevancy of biostatistics in veteri-  
nary medicine. Descriptive and inferential sta-  
tistics. Study design and critical literature  
review. Disease determinants, ecology, distribu-  
tion and populations at risk. Analytic-clinical  
investigative epidemiology.
- 550. Preventive Veterinary Medicine  
and Public Health**  
Spring. 4(4-0) Sixth-term veterinary  
medicine students.  
Public health aspects of veterinary medicine.  
Preventive and regulatory medicine including  
meat and milk hygiene, water supply and treat-  
ment, solid and liquid waste treatment and dis-  
posal and zoonosis.
- 560. Urinary System**  
Spring. 3(3-0) Sixth-term Veterinary  
Medicine students.  
Normal and abnormal structure and function,  
diagnostic methods, and the medical and surgi-  
cal manipulation of the urinary system.
- 561. Core of Medicine Laboratories I**  
Spring. 2(0-6) Sixth-term Veterinary  
Medicine students.  
Classification diagnosis and treatment of dis-  
eases of the urinary, hematopoietic, nervous,  
integumentary and visual systems of animals.
- 562. Hematopoietic System**  
Spring. 2(2-0) Sixth-term Veterinary  
Medicine students.  
Normal structure and function of the hemato-  
poietic system and pathophysiologic effects of  
hematopoietic diseases. Clinical manifestations,  
laboratory evaluation and medical manage-  
ment.
- 563. Visual System**  
Spring. 2(2-0) Sixth-term Veterinary  
Medicine students.  
Methods of examination, diagnosis, and treat-  
ment of ocular diseases.
- 564. Survey of Infectious Agents**  
Winter. 3(3-0) Fifth-term veterinary  
medicine students.  
Host-microorganism relationship in diseases of  
animals; laboratory diagnosis, treatment, con-  
trol, and public health significance.
- 566. Nervous System**  
Spring. 3(3-0) Sixth-term Veterinary  
Medicine students.  
Normal and abnormal neural structure and  
function in animals with emphasis on clinical  
neurology and neuropathology.
- 568. Integumentary System**  
Spring. 3(3-0) Sixth-term Veterinary  
Medicine students.  
Diseases of the integumentary system of animals  
with emphasis on laboratory examinations,  
interpretations of pathological features, diagno-  
sis and treatment.
- 570. Principles of Anesthesia**  
Fall. 2(2-0) Seventh-term Veterinary  
Medicine students.  
Principles and techniques of administering anes-  
thetic agents. Supportive care including fluid  
therapy. Emergency procedures. Euthanasia  
agents.
- 571. Core of Medicine Laboratories II**  
Fall. 1(0-3) Seventh-term Veterinary  
Medicine students.  
Classification, diagnosis and treatment of dis-  
eases of the cardiovascular, respiratory and  
digestive systems of animals. Preanesthetic and  
anesthetic procedures and skills.
- 572. Cardiovascular System**  
Fall. 3(3-0) Seventh-term Veterinary  
Medicine students.  
Pathogenesis, diagnosis, and management of  
cardiovascular diseases of animals. Anatomical,  
physiological, pathological and pharmacologi-  
cal principles providing basis for medical and  
surgical treatment. Diagnostic and surgical pro-  
cedures and radiologic interpretation.
- 574. Respiratory System**  
Winter. 4(4-0) Eighth-term Veterinary  
Medicine students.  
Pathogenesis, diagnosis, and management of  
respiratory diseases of animals; anatomical,  
physiological and surgical treatments. Diagnos-  
tic and surgical procedures and radiologic inter-  
pretation.
- 576. Digestive System I**  
Fall. 4(4-0) Seventh-term Veterinary  
Medicine students.  
Pathogenesis, diagnosis, and treatment of dis-  
eases of the alimentary tract and digestive organs  
of small animals.
- 578. Principles of Surgery I**  
Fall. 3(2-3) Seventh-term Veterinary  
Medicine students.  
Fundamentals of surgery. Common procedures  
used in soft tissue surgery with small animals.
- 580. Theriogenology**  
(516.) Fall. 6(5-3) Seventh-term Veteri-  
nary Medicine students.  
Reproductive function and diseases of animals'  
genital structure and function and endocrine  
controls. Examination, diagnosis and treatment  
of the mammary gland and reproductive tract.
- 581. Core of Medicine Laboratories III**  
Winter. 3(0-9) Eighth-term Veterinary  
Medicine students.  
Diagnosis and treatment of diseases of the repro-  
ductive, digestive and musculoskeletal systems.
- 582. Musculoskeletal System I**  
Winter. 3(3-0) Eighth-term Veterinary  
Medicine students.  
Diagnosis and treatment of musculoskeletal dis-  
eases of animals with emphasis on pathological  
changes, radiological techniques, and interpre-  
tation of radiographs.