

**Descriptions — Theatre  
of  
Courses**

**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.

**802. Stage Voice**  
Fall, Winter, Spring. 2(0-4) May reenroll for a maximum of 12 credits. Approval of department.

Practicum in the art of voicing a dramatic text. Practice of developmental and corrective exercises and performance of selected texts.

**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.

**813. Conceptual Visualization**  
Fall. 1(1-0)

Interrelationships of script, director and designers in finding and developing a conceptual approach to a play.

**814. Twentieth Century Theatrical Design**  
Fall of odd-numbered years. 4(4-0)

Twentieth century scenic design concepts and the work of designers from Appial and Craig to the present.

**815. Period Research and Resources for Designers and Directors**  
Fall of even-numbered years. 4(4-0)

Methodology for researching historical artifacts and customs needed to adapt for use in sets, props, costumes and directing.

**890. Special Projects - Theatre**  
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 15 credits. Approval of department.

Special projects related to specific assignments in acting, directing or design in departmentally approved productions.

**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.

**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.

**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 treatment, solid and liquid waste treatment and disposal 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 surgical 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 diseases of the urinary, hematopoietic, nervous, integumentary and visual systems of animals.

**URBAN PLANNING**

See Geography.

**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**  
Fall. 6(5-3) Seventh-term Veterinary  
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.

**586. Digestive System II**  
Winter. 4(4-0) Eighth-term Veterinary  
Medicine students.

Pathogenesis, diagnosis and treatment of dis-  
eases of the alimentary tract and digestive organs  
of food animals and horses.

**588. Principles of Surgery II**  
Winter. 3(2-3) Eighth-term Veterinary  
Medicine students.

Fundamental large animal surgery. Surgical  
techniques and management of animals before,  
during and after surgery.

**590. Client Communication and  
Jurisprudence**  
Spring. 2(2-0) Ninth-term Veterinary  
Medicine students.

Communication and interviewing skills for  
effective client relations. Communication  
aspects of medical records and their use in medi-  
cal problem solving. Legal responsibilities of the  
veterinary medical profession.

**591. Core of Medicine Laboratories IV**  
Spring. 2(0-6) Ninth-term Veterinary  
Medicine students.

Diagnosis and treatment of common toxicologic  
conditions, musculoskeletal disorders and ortho-  
pedic conditions in animals.

**592. Musculoskeletal System II**  
Spring. 4(4-0) Eighth-term Veterinary  
Medicine students.

Diagnosis, prognosis and management of mus-  
culoskeletal diseases of large animals. Anatomical  
relationships of normal to abnormal  
function. Surgical procedures applicable to the  
equine and ruminant. Radiographic diagnosis  
and interpretation of various lameness condi-  
tions.

**596. Diseases of Bones and Joints**  
Spring. 3(3-0) Ninth-term Veterinary  
Medicine students.

Anatomy and pathophysiology of diseases of  
bones and joints. Diagnosis, prognosis and treat-  
ment of abnormalities involving bones and  
joints.

**602. Veterinary Practice Management**  
Spring. 2(2-0) Ninth-term Veterinary  
Medicine students, approval of college.

Establishment of a veterinary practice.

**610. Veterinary Externship**  
Fall, Winter, Spring, Summer. 6 to 12  
credits. May reenroll for a maximum of 12 cred-  
its. Veterinary Medicine students; completion of  
preclinical courses and approval of college. Stu-  
dents may not receive credit in both V M 610  
and LCS 674.

Clinical or research experience in an off-campus  
setting.

**690. Special Problems in Veterinary  
Medicine**

Fall, Winter, Spring, Summer. 1 to 6  
credits. May reenroll for a maximum of 24 cred-  
its. Professional veterinary medicine students  
and/or approval of department.

Individual study under the direction of a faculty  
member on an experimental, theoretical or  
applied problem.

## WOMEN'S STUDIES PROGRAM W S

### College of Arts and Letters College of Social Science

**201. Introduction to Women's Studies:  
Women's Consciousness**  
(IDC 233.) Fall, Winter, Spring.  
4(4-0) Interdepartmental with the colleges of  
Arts and Letters and Social Science.

Development of women's consciousness in vari-  
ous historical, cross-cultural and scientific con-  
texts. Contexts basic to feminist thought are  
clarified. Critique of sexism in traditional schol-  
arship.

**300. Special Topics in Women's Studies**  
Spring of even-numbered years. 3(3-0)  
or 4(4-0) May reenroll for a maximum of 8 cred-  
its if different topic is taken. Sophomores, W S  
201 or approval of instructor. Interdepartmen-  
tal with the colleges of Arts and Letters and  
Social Science.  
Special topic emphasizing women and/or gen-  
der.

**305. Women's Studies Internship**  
Fall, Winter, Spring, Summer. 2 to 4  
credits. May reenroll for a maximum of 4 credits.  
Six credits of women's studies courses, approval  
of Women's Studies Program. Interdepartmen-  
tal with the colleges of Arts and Letters and  
Social Science.

Integration of feminist knowledge through work  
experience in legislative, community or educa-  
tional settings.

**401. Women's Studies Senior Level  
Seminar**  
Spring. 4(4-0) Juniors; W S 201 or six  
credits of ATL 181, ATL 182, ATL 183. Interde-  
partmental with the colleges of Arts and Letters  
and Social Science.

Synthesis of course work in women's studies.  
Emphasis is on individualized research projects.

**402. Feminist Theory**  
Fall. 4(4-0) Nine credits in women's  
studies courses, approval of instructor. Interde-  
partmental with the colleges of Arts and Letters  
and Social Science.

Integrative theoretical approaches to women's  
studies; ways of conceptualizing sex and gender;  
varieties of explanation of sexual inequality;  
feminist critiques of traditional knowledge.