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. 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 Appia 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.

900. Special Problems—Theatre
Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 15 credits. Approval of department. 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  VM (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-year 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

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.
562. Hematopoietic System  
Spring. 2(2-0) Sixth-term Veterinary Medicine students.  
Normal structure and function of the hematopoietic system and pathophysiologic effects of hematopoietic diseases. Clinical manifestations, laboratory evaluation and medical management.

563. Visual System  
Spring. 2(2-0) Sixth-term Veterinary Medicine students.  
Methods of examination, diagnosis, and treatment 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, control, 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, diagnosis and treatment.

570. Principles of Anesthesia  
Fall. 2(2-0) Seventh-term Veterinary Medicine students.  

571. Core of Medicine Laboratories II  
Fall. 1(0-3) Seventh-term Veterinary Medicine students.  
Classification, diagnosis and treatment of diseases 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 pharmacological principles providing basis for medical and surgical treatment. Diagnostic and surgical procedures 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. Diagnostic and surgical procedures and radiologic interpretation.

576. Digestive System I  
Fall. 4(4-0) Seventh-term Veterinary Medicine students.  
Pathogenesis, diagnosis, and treatment of diseases 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(0-3) Eighth-term Veterinary Medicine students.  
Diagnosis and treatment of diseases of the reproductive, digestive and musculoskeletal systems.

582. Musculoskeletal System I  
Winter. 3(3-0) Eighth-term Veterinary Medicine students.  
Diagnosis and treatment of musculoskeletal diseases of animals with emphasis on pathological changes, radiological techniques, and interpretation of radiographs.

584. Digestive System II  
Winter. 4(4-0) Eighth-term Veterinary Medicine students.  
Pathogenesis, diagnosis and treatment of diseases 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 medical problem solving. Legal responsibilities of the veterinary medical profession.

591. Core of Medicine Laboratories IV  
Spring. 2(0-8) Ninth-term Veterinary Medicine students.  
Diagnosis and treatment of common toxicologic conditions, musculoskeletal disorders and orthopedic conditions in animals.

592. Musculoskeletal System II  
Spring. 4(4-0) Eighth-term Veterinary Medicine students.  
Diagnosis, prognosis and management of musculoskeletal 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 conditions.

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 treatment of abnormalities involving bones and joints.

602. Veterinary Practice Management  
Spring. 2(0-9) 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 24 credits. Professional veterinary medicine students; completion of preclinical courses and approval of college. Students may not receive credit in both VM 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 credits. 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  

College of Arts and Letters  
College of Social Science

201. Introduction to Women's Studies: Women's Consciousness  
(TDC 233.) Fall, Winter, Spring. 4(4-0) Interdepartmental with the colleges of Arts and Letters and Social Science. Development of women's consciousness in various historical, cross-cultural and scientific contexts. Concepts basic to feminist thought are clarified. Critique of sexism in traditional scholarship.

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 credits if different topic is taken. Sophomores, W S 201 or approval of instructor. Interdepartmental with the colleges of Arts and Letters and Social Science. Special topic emphasizing women and/or gender.

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. Interdepartmental with the colleges of Arts and Letters and Social Science. Integration of feminist knowledge through work experience in legislative, community or educational settings.

401. Women's Studies Senior Level Seminar  
Spring. 4(4-0) Juniors; W S 201 or six credits of AT 181, AT 182, AT 183. Interdepartmental with the colleges of Arts and Letters and Social Science. Synthesis of course work in women's studies. Emphasis on individualized research projects.

402. Feminist Theory  
Fall. 4(4-0). Nine credits in women's studies courses, approval of instructor. Interdepartmental 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.