141B. Studies in Language and Culture
Fall. 1 credit. 141A concurrently. Independent study in language and culture.

142A. Studies in Language and Culture Winter. 3(3-0). 141A or approval of college; 142B concurrently. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lecture and discussion preparation for graduate study in language and culture. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phonemics with intensive drills. Lectures on the basic concepts of phonetics and phono...
LABORATORY ANIMAL RESOURCES

College of Veterinary Medicine

501. Introduction to Veterinary Medicine I
   Summer, 2(2-0) Admission to professional veterinary program. Interdepartmental with and administered by the Small Animal Surgery and Medicine Department. Species and breed identification, predisposition for specific diseases, basic care and feeding, restraint, and handling of small domestic animals, unusual pets, and laboratory animals.

502. Introduction to Veterinary Medicine II
   Spring, 4(3-3) Admission to the professional veterinary program. Interdepartmental with and administered by the Small Animal Surgery and Medicine Department.

503. Introduction to Veterinary Medicine III
   Spring, 4(3-3) Admission to professional veterinary program. Interdepartmental with the Department of Small Animal Surgery and Medicine.

521. Large Animal Surgery and Medicine I
   (VSM 521.) Fall, Spring, 8(7-3) Seventh-term Veterinary Medicine students. Occurrence, etiology, symptomatology, diagnosis, prognosis, treatment, and prevention of diseases of reproductive, digestive, and respiratory systems. Demonstration of laboratory experience in basic clinical skills including restraint, diagnosis, medication, and surgery.

522. Large Animal Surgery and Medicine II
   (VSM 522.) Winter, Spring, 6(5-3) Occurrence, diagnosis, and treatment of surgical diseases of large animals. Discussion of diseases of cardiovascular, hematopoietic, urinary, nervous, and integumentary systems. Demonstrations and laboratory experience in large animal surgery techniques.

523. Large Animal Surgery and Medicine III
   (VSM 523.) Fall, Spring, 7(7-0) Occurrence, diagnosis, and treatment of surgical and reproductive diseases. Includes radiology and diseases of locomotion.

   Winter, 3(4-0) For course description, see Interdisciplinary Courses.

593. Etiology, pathogenesis, epidemiology, pathological changes, differential diagnosis, prevention, control, and treatment of specific infectious diseases of large animals.

824. Laboratory Animal Medicine
   (VSM 824.) Fall, Spring, 2(2-3) Completion of ninth-term professional Veterinary Medicine program.

825. Comparative Medical Experimentation
   Winter, 2(1-3) Graduate status. B.S. in biological sciences and approval of department.

826. Laboratory Animal Pathology
   Spring, 4(3-3) Graduate status and approval of department. Interdepartmental with the Department of Pathology. Macro and microscopic studies on the diseases of laboratory animals, with special emphasis on naturally-occurring diseases which might interfere with the interpretation of experimental results.

LATIN

Linguistics and Oriental and African Languages

College of Arts and Letters

Courses in Chinese and Japanese on the 300 level or higher are normally conducted in the language.

LINGUISTICS AND ORIENTAL AND AFRICAN LANGUAGES

Latin

See Romance Languages

LINGUISTICS AND ORIENTAL AND AFRICAN LANGUAGES

College of Arts and Letters

412. Livestock Hygiene and Disease Control
   (VSM 412.) Winter, 3(3-0) Juniors and seniors majoring in veterinary agriculture majors. Fundamentals of health and disease in animals, relation of infectious and parasitic diseases of animals to human health, disease prevention, and role of veterinarian in preventive medicine.