642. Special Problems-Research
Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 8 credits. LMS 650 or LMS 660 or LMS 670, approval of department.
Research related to a large animal specialty.

LANDSCAPE ARCHITECTURE
See Urban Planning and Landscape Architecture.

LARGE ANIMAL SURGERY
AND MEDICINE
LSM

College of Veterinary Medicine

412. Livestock Hygiene and Disease Control
Spring. 3(3-0) Juniors; 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.

IDC. The Impact of Animal Resource Management Upon the World’s Developing Nations
For course description, see Interdisciplinary Courses.

621. Integrative Clinical Problems
Fall, Winter, Spring. 3(0-6) to 4(0-12) May reenroll for a maximum of 12 credits. Approval of department.
Comprehensive problem-solving explorations of selected clinical diseases, either systems or species oriented, in large animals.

642. Special Problems-Research
Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 8 credits. LMS 650 or LMS 660 or LMS 670, approval of department.
Research related to a large animal specialty.

650. Equine Clerkship I
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 2 of the professional veterinary curriculum, approval of department.
Concepts and supervised practice in equine medicine. Emphasis on diagnosis, prognosis, treatment and disease prevention.

653. Equine Clerkship II
Fall, Winter, Spring, Summer. 4 credits. LMS 650 and approval of department.
Advanced, supervised equine medicine and surgery.

654. Equine Clerkship III
Fall, Winter, Spring, Summer. 4 credits. LMS 650 and approval of department.
In-depth, supervised equine medicine and surgery.

656. Large Animal Anesthesiology Clerkship
Fall, Winter, Spring. 4 credits. Satisfactory completion of term 3 of the professional veterinary curriculum, approval of department.
Concepts and supervised practice in large animal anesthesiology.

660. Ambulatory Clerkship I
Fall, Winter, Spring. 4 credits. Satisfactory completion of term 3 of the professional veterinary curriculum, approval of department.
Concepts and supervised practice in ambulatory clinics. Emphasis is on diagnosis, prognosis, treatment and disease prevention.

662. Ambulatory Clerkship II
Fall, Winter, Spring, Summer. 4 credits. LMS 650, approval of department.
Advanced, supervised ambulatory clinics.

664. Ambulatory Clerkship III
Fall, Winter, Spring, Summer. 4 credits. LMS 650, approval of department.
In-depth, supervised farm animal medicine and surgery.

666. Herd Health Clerkship II
Fall, Winter, Spring. 4 credits. LMS 650, approval of department.
Concepts and supervised procedures for preventing health problems in herds maintained for food and fiber production.

670. Food Animal Clerkships
Fall, Winter, Spring. 4 credits. Satisfactory completion of term 5 of the professional veterinary curriculum, approval of department.
Concepts and supervised practice in food animal medicine. Emphasis on diagnosis, prognosis, treatment and disease prevention.

672. Food Animal Clerkship II
Fall, Winter, Spring, Summer. 4 credits. LMS 670, approval of department.
Advanced, supervised food animal surgery and medicine.

674. Preceptorial Clerkship
Fall, Winter, Spring, Summer. 8(0-21) to 16(0-48) May reenroll for a maximum of 16 credits. LMS 660, LMS 670, approval of department.
Applied large animal clinical science. Students participate in all activities in assigned private practices tutored by practitioners with adjunct faculty appointments.

LATIN
See Romance and Classical Languages.

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 COURSES

299. Special Projects
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 18 credits. Approval of department.
Work in areas outside regular course offerings.

315. World Literature in English
Fall. 3(3-0) Interdepartmental with and administered by the Department of English. Representative works, not from England or the United States, which were written originally in English, especially the English literature of present or former British Commonwealth nations, and nations from the Middle East and Africa.

316. World Literature in English Translation
Winter. 3(3-0) Interdepartmental with the Department of English. Significant and characteristic works of the Orient, the Middle East, and Africa in English translation.
African Languages

101. African Languages—Elementary
Fall, 3(3-0)
May reenroll for AFR 101-102-103 sequence in more than one African language.
Comprehension and speaking taught by a linguist with native informants. Offerings include Bemba, Hausa, Ibo, Pidgin, Swahili, Yoruba. These and other African languages are taught upon sufficient demand and availability of instructors.

102. African Languages—Elementary
Winter, 3(3-2) May reenroll for AFR 101-102-103 sequence in more than one African language. AFR 101.
Continuation of AFR 101.

103. African Languages—Elementary
Spring, 3(3-2) May reenroll for AFR 101-102-103 sequence in more than one African language. AFR 102.
Continuation of AFR 102.

200H. Honors Work
Fall, Winter, Spring. 1 to 16 credits. Approval of department.

201. African Languages—Intermediate
Fall, 4(5-0) May reenroll for AFR 201-202-203 sequence in more than one African language. AFR 103 in intermediate language or approval of department.
Continuation of African Languages—Elementary. Comprehension, speaking, reading, and writing taught by a linguist with native informants. See AFR 101 for languages available.

202. African Languages—Intermediate
Winter, 4(5-0) May reenroll for AFR 201-202-203 sequence in more than one African language. AFR 201.
Continuation of AFR 201.

203. African Languages—Intermediate
Spring, 4(5-0) May reenroll for AFR 201-202-203 sequence in more than one African language. AFR 202.
Continuation of AFR 202.

400H. Honors Work
Fall, Winter, Spring. Variable credit. Approval of department.

420. African Literature in Translation
Fall, Winter, Spring, 3(3-0) May reenroll for a maximum of 9 credits. Juniors or approval of department.
Development and influence of the ideas, forms and motifs of African literatures in the literatures of the world.

Chinese

CHS

101. Elementary Chinese
Fall, 3(3-0)
Introduction to Mandarin, the official spoken language of China, with emphasis on pronunciation drill and conversation practice.

102. Elementary Chinese
Winter, 3(3-3) CHS 101.
Continued practice in conversation and aural comprehension; introduction to the reading and writing of Chinese characters.

103. Elementary Chinese
Spring, 3(3-3) CHS 102.
Continuation of CHS 102 and grammatical analysis of basic Chinese sentence structure.

200H. Honors Work
Fall, Winter, Spring. 1 to 16 credits. Approval of department.

201. Second-Year Chinese
Fall, 3(3-0) CHS 103.
Conversation, reading, and writing at the intermediate level.

202. Second-Year Chinese
Winter, 3(3-0) CHS 201.
Reading of advanced texts; introducing Chinese radicals and practice in the use of a Chinese dictionary.

203. Second-Year Chinese
Spring, 3(3-0) CHS 202.
Continuation of CHS 202, selected texts from Chinese newspapers, periodicals, and political journals.

211. Second-Year Conversation and Composition
Fall, 2(2-0) CHS 103.
Conversation and composition at the intermediate level to supplement CHS 201.

222. Second-Year Conversation and Composition
Fall, 2(2-0) CHS 221.
Continuation of CHS 221.

223. Second-Year Conversation and Composition
Spring, 2(2-0) CHS 222.
Continuation of CHS 222.

250. Chinese Calligraphy
Spring, 2(2-0) One year in Chinese language or approval of department.
The essential characteristics of and fundamental skills involved in writing Chinese characters, from the point of view of practical use.

301. Readings in Modern Chinese Literature
Fall, 2(2-0) CHS 203.
Selected short stories from authors of the twentieth century.