101B. Comprehensive English (1 S 95S, 100) Fall, Winter, Spring, Summer 3(4-6) No student may earn credit in both 101A and 101B. Admission by examination or approval of department. Instruction and practice in reading and writing. Instruction in reading is emphasized.

102. Comprehensive English Fall, Winter, Spring, Summer. 3(4-6)
Continuation of 101 with emphasis on reading and writing.

103. Comprehensive English Fall, Winter, Spring, Summer. 3(4-6)
Continuation of 102 with emphasis on reading and writing on American cultural topics.

111. American Thought and Language Fall, Winter, Spring, Summer. 3(3-0)
Students may not receive credit for 111 and 102. Admission by examination or approval of department.
A. Aims to improve the student's ability to read and write and to acquaint him with the American heritage. Reading is in selected historical, social, and literary documents.
B. Whole books approach to regular program.
C. Emphasizes American humanities approach to regular program.
D. American minorities track. Subject matter for writing will be accounts of the experience of blacks, Indians and immigrants during the nineteenth and twentieth centuries.
E. American Radical Thought and Literature. Subject matter for writing will be radical literary and social documents of the seventeenth and eighteenth centuries.
F. Film track. Written exposition is based on both cinematic and fictional versions of literary and historical documents.
G. Adaptation of the regular program for honors students.

112. American Thought and Language Fall, Winter, Spring, Summer. 3(3-0)
Students may not receive credit for 112 and 111. Admission by examination or approval of department.
A. Aims to improve the student's ability to read and write and to acquaint him with the American heritage. Reading is in selected historical, social, and literary documents.
B. Whole books approach to regular program.
C. Emphasizes American humanities approach to regular program.
D. American minorities track. Subject matter for writing will be accounts of the experience of blacks, Indians and immigrants during the nineteenth and twentieth centuries.
E. American Radical Thought and Literature. Subject matter for writing will be radical literary and social documents of the seventeenth and eighteenth centuries.
F. Film track. Written exposition is based on both cinematic and fictional versions of literary and historical documents.
G. Adaptation of the regular program for honors students.

ANATOMY

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College of Human Medicine

College of Osteopathic Medicine

College of Veterinary Medicine

316. General Anatomy Fall, Spring. 5(5-0) N S 193.

321. Gross and Microscopic Anatomy Fall, Spring. 9(4-14) First-term Veterinary Medicine students; approval of department for graduate students. Gross anatomy of a representative animal, the dog, is studied. Cytology, embryology, comparative histology, neuroanatomy and organology are combined with dissection, demonstration and practical applications to give complete coverage.


523. Anatomy of Areas of Surgical and Clinical Importance in Domestic Animals Winter, Summer. 8(3-14) Sixth-term Veterinary Medicine students. Lectures, dissection of fresh material and the study of prosections, models, radiographs and reprints related to areas of surgical and clinical importance in domestic animals.

540. Gross Biomedical Structure Fall, Winter, Spring. Variable credit. May re-enroll for a maximum of 15 credits. Human Medicine students; approval of department for graduate students. Human structure, systemic and regional, is studied in self-instructional and dissection sequences. Application of this knowledge to recognition of normal and abnormal structure in appropriate medical contexts is accomplished through self-instructional and clinical sessions.

543. Microscopic Anatomy Fall. 5(3-6) Human Medicine students; approval of department for graduate students. The normal structure of cells, tissues and organs as they appear under the light and electron microscope.

801. Seminar Fall, Winter, Spring. 1(1-0) Approval of department.

813. Problems in Anatomy Fall, Winter, Spring. Variable credit. May re-enroll for a maximum of 15 credits. Basic disciplines in various areas and approval of department.

815. Anatomy of the Nervous System (415). Fall. 5(5-5) Approval of department.

899. Research Fall, Winter, Spring, Summer. Variable credit. Majors.

901. Seminar Fall, Winter, Spring. 1(1-0) Approval of department.

999. Research Fall, Winter, Spring, Summer. Variable credit. Majors.

ANIMAL HUSBANDRY

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College of Agriculture and Natural Resources

111. Livestock and Meat Industry Fall, Spring. 4(3-4)
Adaptation, distribution and numbers of livestock throughout the world; significance and economic importance. Trends in livestock production. Evaluating, grading, classifying and marketing of livestock and meat. Relationship of live animal conformation to carcass merit.


242. Meats, Poultry and Fishery Products I Fall. 3(2-9) Interdepartmental with and administered by Food Science. Principles of evaluation and nutritive value. Identification of grades and cuts of beef, pork, lamb and poultry products.

245. Meat Evaluation and Grading Fall, Spring. 1 to 3 credits. May re-enroll for a maximum of 4 credits subject to a maximum of 10 credits in 245 and 333 combined. 241.
Evaluation of carcasses and wholesale cuts of beef, pork, veal and lamb in accordance with federal and commercial grading standards. Inspection trips through large meat packing plants.

335. Livestock Selection Fall, Winter, Spring. 1 to 3 credits. May re-enroll for a maximum of 9 credits subject to a maximum of 10 credits in 245 and 333 combined. 111.
Evaluation of productive merit of individual animals. Comparison of type with a standard. Recognition of form to function. Field trips to prominent livestock breeding establishments and to major livestock events.