929. Comparative Nutrition—Vitamins
   BCH 452 and a previous course on principles of nutrition, Intedepartmental with Human Nutrition and Foods.
   Chemical and physical properties, standards of activity, occurrence, metabolic roles, antinutrients, deficiency and toxicity signs, requirements and factors affecting requirements.

963. Genetics of Breed Improvement
   Winter. 3(3-0) ANS 461, STT 421.

964. Breeding Systems and Plans
   Spring. 3(3-0) 963.
   Biometric relations between related animals. Role of selection in changing populations. The effects of different mating systems.

999. Research
   Fall, Winter, Spring, Summer. Variable credit. Approval of department.

ANIMAL SCIENCE ANS

College of Agriculture and Natural Resources

101. Animal Science
   Fall. 5(4-2)
   Survey of the animal industries including history, economic geography, anatomy and physiology, nutrition and feed usage, and systems of commercial livestock and poultry production.

213. Animal Science Seminar
   Fall. 1(3-0)
   Animal science industries. Industry representatives will be utilized to discuss particular areas.

325. Principles of Animal Nutrition
   Spring. 5(3-0) CEM 132; BCH 200 recommended.

491. Principles of Animal Breeding
   Winter. 3(3-0) CSC 250.

525. Animal Nutrition
   Winter, Summer. 5(4-2) BCH 401.

526. Animal Nutrition
   Spring. 4(4-0) One course each: biochemistry, physiology; and approval of department.
   Nutrition basic to animal feeding. Application of chemistry and physiology to nutrition. Nutrient requirements for normal body functions. Techniques involved in nutrition research; readings in current literature.

854. Design of Animal Experiments
   Spring. 4(4-0) STT 422.
   Choice, implementation and statistical analysis of experimental plans for research with animals. Designs for reduction of experimental error. Analysis of experiments with complex structure or unequal subclass numbers.

965. Biometrical Genetics
   Fall. 4(4-0) One course in quantitative or population genetics.

ANTHROPOLOGY ANP

College of Human Medicine
College of Osteopathic Medicine
College of Social Science

100. The Origin of Man and Culture
   Fall, Winter, Spring, Summer. 4(3-1)
   Introduction to physical anthropology; the position of man within the animal kingdom, the genetic mechanisms of evolution, human beginnings and the fossil record, racial evolution and racial types among modern man, the anticipation of culture among other animals and the development of human culture, and culture as an adaptive mechanism.

171. Introduction to Anthropology
   Fall, Winter, Spring, Summer. 4(3-1)
   Comparison of ways of life among primitive, peasant and civilized peoples. Implications of these styles of life for understanding of human behavior in general and exotic cultures in particular.

200. Resource Ecology and Man
   For course description, see Interdisciplinary Courses.

236. Origin of Civilization: Archaeology
   Spring, 4(3-0) 100.
   The rise, development and spread of culture in the prehistoric era of human history and still influencing environmental quality, population control, and allocation of resources in primitive and modern societies.

281. The Africans and Their Cultures
   Fall. Spring. 4(3-0) Sophomors or approval of department.
   Racial and cultural problems confronting the African peoples.

285. Anthropology and the Modern World
   Spring. 4(2-2) 171.
   Intercultural nature of cultural traditions in the modern world. Consideration of how people of developing nations respond to the dominant cultural forces of industrialized nations.

350. Peasant Society
   Fall. 4(3-1) 171.
   Anthropoligcal study of peasantry. Comparative examination of the rural societies and cultures of Asia, Europe, and Latin America.

386. Culture, Health and Illness
   Spring. 4(3-1) 171.
   Anthropological study of health behavior. Comparative view of primitive, folk and scientific medical systems and their effect on the individual and the community in the illness situation.

387. Ethnicity and Nation Building
   Spring. 4(2-2) 171.
   Ethnic minority and the roles they play in fostering and/or hindering nation building processes in Third World countries. A theoretical framework is utilized to compare systematically these roles in various areas of the world.

389. Continuing Revolution in China: Problems and Approaches
   For course description, see Interdisciplinary Courses.

390. Survey of Subsaharan Africa
   For course description, see Interdisciplinary Courses.

391. Survey of Subsaharan Africa
   For course description, see Interdisciplinary Courses.

400. Honors Work
   Fall, Winter, Spring, Summer. 1 to 16 credits. May re-enroll for a maximum of 20 credits. Approval of department.

411. Studies in the Anthropology of Asia
   Fall, Winter, Spring. 4(3-0) May re-enroll for credit for Part II in an area and/or for another area. 171, 275 or approval of department.
   Separate courses in Asian cultures: China; Japan; Southeast Asia; South Asia; North Asia; Central Asia. A two part course sequence is usually given. Part I: Ethnographic survey. Part II: Sub-areas, special problems and approaches.