SANITARY ENGINEERING
See Civil and Sanitary Engineering.

SMALL ANIMAL SURGERY AND MEDICINE* SSM
College of Veterinary Medicine

504. Small Animal Clinic I (VSM 504.) Fall, Winter, Spring, 3(0-10)
Eighth-term or ninth-term Veterinary Medicine students.
Concepts and practices of clinical veterinary medicine. Rotations through hospital services including outpatient clinic, medicine, surgery, radiology, clinical pathology, and pharmacy.

511. Small Animal Surgery and Medicine I (VSM 511.) Fall, Spring, 8(7-3)
Second-term Veterinary Medicine students.
Basic surgery. Laboratory and lectures with television demonstrations. Anesthesiology, basic radiology, small animal husbandry, and diseases of the upper digestive system.

512. Small Animal Surgery and Medicine II (VSM 512.) Winter, Summer, 7(6-3)
Diseases of musculoskeletal, digestive and respiratory systems. Includes radiology and surgical laboratory with demonstrations.

513. Small Animal Surgery and Medicine III (VSM 513.) Fall Spring, 7(7-0) 512.
Diseases of urogenital, endocrine, cardiovascular, hematopoietic and integumentary systems and specific infectious diseases. Includes radiographic and surgical techniques.

604. Small Animal Clinic II (VSM 604.) Fall, Winter, Spring, Summer, 12(0-36) 504.
Concepts and practices of clinical veterinary medicine. Rotation through hospital services. Diagnosis, prognosis, treatment, and prevention of disease through handling of clinic patients under direct supervision of staff veterinarians.

614. Small Animal Surgery and Medicine IV (VSM 614.) Winter, Summer, 3(3-0)
Ocurrence, etiology, symptomatology, diagnosis, treatment and prevention of diseases of nervous system, organ of special sense, physical and chemical agents and neoplasia.

651. Clinico-Pathologic Conference (VSM 651.) Fall, Winter, Spring, Summer. 0 or 1(1-0) May re-enroll for a maximum of 2 credits. Professional Veterinary Medicine students.
Clinico-pathologic conference on selected clinical cases. Students will be required to enroll each term (first nine terms) without credit and in terms ten and eleven for 1 credit each term.

689. Problems in Small Animal Surgery (VSM 689.) Fall, Winter, Spring, Summer. Variable credit.

810. Problems in Small Animal Medicine (BSM 810.) Fall, Winter, Spring, Summer. Variable credit.
813. Seminar (VSM 813.) Fall, Winter, Spring. 1 credit.
822. Bone and Joint Surgery (VSM 822.) Winter. 3(2-4) Approval of department.
Fundamentals, theory and practice covering the various conditions and surgery of bones and joints.
823. Special Surgery (VSM 823.) Spring. 3(1-6) May re-enroll for a maximum of 8 credits. Approval of department.
Surgical technique and tissue reactions following surgery in small animals.
825. Ventilation and Anesthesia in Surgical Patient (VSM 825.) Winter. 2(1-3) Approval of department.
Management of anesthesia and ventilation of the surgical patient. Description of various anesthetic agents, monitoring equipment and anesthetic machines.
826. Cardiology (VSM 826.) Fall. 3(2-4) Approval of department.
Study recent advances in veterinary cardiology. Includes electrocardiography, congenital and acquired diseases, cardiac catheterization and surgery.
833. Radiology (VSM 833.) Spring. 3(3-0) Approval of department.
Advanced Roentgen diagnosis, with particular emphasis on early detection of diseases of bone. Problem studies concurrent with course.
899. Research (VSM 899.) Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 18 credits. Approval of department.
Research on thesis problems.

SOCIAL SCIENCE S S
University College

810. Problems in Social Science (VSM 810.) Fall, Winter, Spring, Summer. Variable credit.
813. Seminar (VSM 813.) Fall, Winter, Spring. 1 credit.
822. Social Medicine and Surgery (VSM 822.) Winter. 3(2-4) Approval of department.
Fundamentals, theory and practice covering the various conditions and surgery of bones and joints.
823. Social Medicine and Surgery (VSM 823.) Spring. 3(1-6) May re-enroll for a maximum of 8 credits. Approval of department.
Surgical technique and tissue reactions following surgery in small animals.
825. Social Medicine and Surgery (VSM 825.) Winter. 2(1-3) Approval of department.
Management of anesthesia and ventilation of the surgical patient. Description of various anesthetic agents, monitoring equipment and anesthetic machines.
826. Social Medicine and Surgery (VSM 826.) Fall. 3(2-4) Approval of department.
Study recent advances in veterinary cardiology. Includes electrocardiography, congenital and acquired diseases, cardiac catheterization and surgery.
833. Social Medicine and Surgery (VSM 833.) Spring. 3(3-0) Approval of department.
Advanced Roentgen diagnosis, with particular emphasis on early detection of diseases of bone. Problem studies concurrent with course.
899. Research (VSM 899.) Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 18 credits. Approval of department.
Research on thesis problems.

SOCIAL SCIENCE S S
College of Social Science

210. Methods of Social Science I (VSM 210.) Fall, Winter, Spring. 4(3-0) S S 232 or concurrently.
Characteristics of social science theory and method. Logical and practical aspects of data collection; standard techniques of investigation in the social sciences.

*Established November 1, 1985. Formerly a part of the Department of Veterinary Surgery and Medicine.