

VSCS - VET SMALL ANIMAL CLIN SC

VSCS 681 Seminar

Credit 1. 1 Other Hour. Current scientific work in medical and surgical fields in and related to small animal medicine and surgery. May be repeated for credit. **Prerequisite:** DVM degree or approval of department head.

VSCS 685 Directed Studies

Credits 1 to 8. 1 to 8 Other Hours. Original investigations of problems in field of small animal surgery, therapeutics or radiology. **Prerequisite:** DVM degree or approval of instructor and department head.

VSCS 689 Special Topics in...

Credits 1 to 4. 1 to 4 Lecture Hours. 0 to 6 Lab Hours. Special topics in an identified area of small animal medicine or surgery. May be repeated for credit. **Prerequisite:** DVM degree or approval of instructor and department head.

VSCS 691 Research

Credits 1 to 23. 1 to 23 Other Hours. Research for thesis.

VSCS 697 Teaching Anatomy Lab

Credits 4. 2 Lecture Hours. 12 Lab Hours. Theory and practical aspects of teaching neuroanatomy lab and clinical neurology; emphasis on content, instructional methods and practical aspects of neuroanatomy lab. **Prerequisites:** Graduation classification in VIBS/VSCS; appointment as TA for VIBS 913 anatomy lab.

VSCS 698 Teaching Surgery Lab

Credits 4. 2 Lecture Hours. 12 Lab Hours. Theory and practical aspects of teaching surgical procedures, with emphasis on content, instructional methods and practical aspects of surgery lab. May be repeated one time for credit. **Prerequisites:** Graduate classification in VIBS/VSCS; appointment as TA for VSCS 932.

VSCS 910 Integrated Animal Care I

Credits 3. 2 Lecture Hours. 2 Lab Hours. Foundation in companion animal and large animal veterinary care; focus on day-one veterinary wellness and preventive care and herd-health concepts; exposure includes companion animal species, common large animal species, pocket pets, reptiles, camelids, miniature pigs and birds; clinical application of topics including neonatal care, husbandry practices, animal behavior, parasite prevention, immunization protocols and healthy animal nutrition. **Prerequisite:** Enrollment in the first year of professional DVM curriculum.

VSCS 926 Professional and Clinical Skills III

Credits 3. 1 Lecture Hour. 6 Lab Hours. Integration and reinforcement of foundational knowledge offered in concurrent courses through critical thinking exercises, professional skills application activities (ethics/contextual decision-making, leadership, skills for well-being, personal/practice financial literacy, core communication skills) and application of technical skills; opportunities for learning include didactic, hands-on and case-based interactions utilizing simulation, models, animals, actors and case scenarios; part III of a VI part series. **Prerequisite:** Enrollment in the second year of professional DVM curriculum.

VSCS 930 Principles of Anesthesia & Analgesia

Credits 3. 2 Lecture Hours. 2 Lab Hours. Principles of Anesthesia & Analgesia. Clinical practice of veterinary anesthesia and analgesia; equipment for administration of inhalant anesthetics, evaluation and preparation of patients for anesthesia, equipment and techniques for monitoring anesthetized patients; methods for controlling pain during the perianesthetic period; anesthetic principles for management of various species; anesthetic principles for management of patients with coexisting disease. **Prerequisites:** Enrollment in the second year of professional DVM curriculum.

VSCS 932 Principles of Surgery

Credits 2. 1 Lecture Hour. 2 Lab Hours. Surgical management of veterinary patients; focus on basic surgical equipment, techniques, procedures and preparation of the surgeon and patient. **Prerequisites:** Enrollment in the second year of professional DVM curriculum.

VSCS 934 Professional & Clinical Skills V

Credits 3. 7 Lab Hours. Professional & Clinical Skills V. Integration and reinforcement of foundational knowledge offered in concurrent courses through critical thinking exercises, professional skills application activities (ethics/contextual decision-making, leadership, skills for well-being, personal/practice financial literacy, core communication skills) and application of technical skills; opportunities for learning include didactic, hands-on and case-based interactions utilizing simulation, models, animals, actors and case scenarios; part V of a VI part series. **Prerequisite:** Enrollment in the third year of professional DVM curriculum.

VSCS 940 Small Animal Clinics I

Credits 2. 35 Lab Hours. Student participation with clinical cases in the small animal medicine services of the Veterinary Teaching Hospital. Must be taken two times. **Prerequisite:** Fourth year classification in veterinary medicine or approval of department head.

VSCS 941 Small Animal Primary Care

Credits 4. 4 Other Hours. Clinical cases in the small animal primary care medicine and surgery service of the Veterinary Medical Teaching Hospital. **Prerequisite:** Fourth year classification in veterinary medicine.

VSCS 945 Advanced Small Animal Clinical Elective

Credits 2. 35 Lab Hours. Student participation with clinical cases for advanced student in selected services of the small animal medicine and surgery sections of the Veterinary Teaching Hospital. May be taken 12 times. **Prerequisite:** VSCS 940 or approval of department head.

VSCS 948 Small Animal Medicine and Surgery Elective

Credits 1 to 12. 1 to 12 Lecture Hours. In-depth study of selected disease processes in the various disciplines of small animal medicine and surgery will be conducted emphasizing management, diagnostics and medical or surgical treatment. May be repeated for credit. **Prerequisite:** Third year classification in veterinary medicine or approval of department head.

VSCS 953 Small Animal Clinical Skills

Credit 1. 1 Lecture Hour. Acquisition of basic technical skills useful in the diagnosis and treatment of small animals in general veterinary practice. Modular one month course. **Prerequisite:** Third year classification in veterinary medicine in good standing.

VSCS 954 Small Animal Medicine I

Credits 6. 5 Lecture Hours. 2 Lab Hours. Medical disease of dogs and cats; pathophysiology, diagnosis and therapy of diseases prevalent in small animals. **Prerequisite:** Third year classification in veterinary medicine in good standing.

VSCS 955 Small Animal Medicine II

Credits 6. 6 Lecture Hours. 2 Lab Hours. Continuation of Small Animal Medicine I; medical disease of dogs and cats; pathophysiology, diagnosis and therapy of diseases prevalent in small animals.

VSCS 956 Small Animal Diagnostics & Therapeutics I

Credits 4.5. 4.5 Lecture Hours. Small Animal Diagnostics & Therapeutics I. Medical and surgical diseases in dogs and cats including pathophysiology, diagnosis and therapeutic management; understanding of self-directed continued study and appropriate use of referral; disorders of the reproductive, respiratory, hemolymphatic, dermatologic, urinary, neurologic, gastrointestinal, ophthalmic, cardiovascular, neuromuscular, orthopedic and endocrine systems; includes neoplastic, nutritional, infectious and metabolic disorders. **Prerequisite:** Enrollment in the third year of professional DVM curriculum.

VSCS 957 Small Animal Diagnostics & Therapeutics II

Credits 4.5. 4.5 Lecture Hours. Small Animal Diagnostics & Therapeutics II. Medical and surgical diseases in dogs and cats including pathophysiology, diagnosis and therapeutic management; understanding of self-directed continued study and appropriate use of referral; disorders of the reproductive, respiratory, hemolymphatic, dermatologic, urinary, neurologic, gastrointestinal, ophthalmic, cardiovascular, neuromuscular, orthopedic and endocrine systems; includes neoplastic, nutritional, infectious and metabolic disorders. **Prerequisite:** Enrollment in the third year of professional DVM curriculum.

VSCS 958 Clinical Focus-Tracking I - Companion Animal

Credits 2. 2 Lecture Hours. Advanced medical and surgical disorders of the dog and cat; history-taking and problem-solving skills; physical examination findings; laboratory/imaging results; formulation of diagnostic and therapeutic plans. **Prerequisite:** Enrollment in the third year of professional DVM curriculum.

VSCS 960 Clinical Focus-Tracking II - Companion Animal

Credits 2. 2 Lecture Hours. Advanced medical and surgical disorders of the dog and cat; history-taking and problem-solving skills; physical examination findings; laboratory/imaging results; formulation of diagnostic and therapeutic plans. **Prerequisite:** Enrollment in the third year of professional DVM curriculum.

VSCS 985 Directed Studies

Credits 1 to 4. 1 to 4 Other Hours. Directed individual study of a selected problem in small animal medicine, surgery or radiology. May be repeated for credit. **Prerequisites:** Matriculation in veterinary professional curriculum and approval of department head.

VSCS 988 Small Animal Medicine and Surgery Selective

Credits 2. 2 Lecture Hours. In-depth study of selected disease processes in the various disciplines of small animal medicine and surgery; emphasis on management, diagnostics and medical treatment or therapeutic approaches. **Prerequisites:** Third year classification in veterinary medicine and in good standing. May be taken for credit up to eight hours.