

**Descriptions — Russian
of
Courses**

806. Studies in Slavic Linguistics (MTC)
Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

Topics in historical or applied slavic linguistics such as Old Church Slavonic, history of the Russian language, and Russian phonology, morphology and syntax.

810. Studies in Pre-Nineteenth Century Russian Literature
Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

Russian literature up to 1800 with emphasis on major works and authors. Literary periods, movements, and developments.

820. Studies in 19th-Century Russian Prose (MTC)
Spring of even-numbered years. 3(3-0) A student may earn a maximum of 15 credits in all enrollments for this course.

Authors such as Pushkin, Gogol, Dostoevsky, Turgenyev, Tolstoy, and Chekhov.

825. Studies in 20th Century Russian Prose
Fall of even-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

Contemporary Russian (Soviet) literature. Russian emigre literature.

830. Studies in Russian Poetry
Fall of even-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

Nineteenth and 20th century poets such as Zhukovsky, Batyushkov, Pushkin, Baratynsky, Tyutchev, Lermontov, Fet, and A.K. Tolstoy. Russian Symbolist and Acmeist poetry. Major poets of the Soviet period.

840. Studies in Russian Drama
Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

Classics of Russian drama including works of Griboyedov, Pushkin, Gogol, Ostrovsky, and Chekhov. Twentieth-century Russian drama.

850. Russian Culture, Civilization, and Folklore
Spring of odd-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

Russian cultural texts in art, architecture, folklore, literature, music, and cinema. Peoples and cultures, inter-ethnic relations, and Russian folklore. Topics vary.

890. Independent Study
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.
Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.

891. Special Topics in Russian Studies
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.
Special topics supplementing regular course offerings proposed by faculty on a group study basis for graduate students.

892. Seminar in Russian Literature
Spring of odd-numbered years. 3(3-0) A student may earn a maximum of 15 credits in all enrollments for this course.

R: Approval of department.
Intensive study of specific author, period, or work.

898. Master's Research
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

R: Approval of department.
Directed research for Plan B master's degree requirements.

899. Master's Thesis Research
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

R: Approval of department.
Directed research for Plan A master's degree requirements.

990. Doctoral Independent Study
Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 18 credits in all enrollments for this course.

R: Approval of department.
Special projects, directed reading, and research arranged by an individual doctoral student and a faculty member in areas supplementing the regular course offerings.

991. Special Topics in Russian Studies
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.
Special topics supplementing regular course offerings proposed by faculty on a group study basis for doctoral students.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 18 credits. A student may earn a maximum of 36 credits in all enrollments for this course.

R: Approval of department.

SMALL ANIMAL CLINICAL SCIENCES SCS

**Department of Small Animal
Clinical Sciences
College of Veterinary Medicine**

511. Veterinary Radiology
Fall. 1(1-0)
R: Open only to graduate-professional students in College of Veterinary Medicine.
Principles of veterinary radiology, radiation safety, and normal radiologic anatomy.

611. Diagnostic Imaging Clerkship
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Completion of 5 semesters of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in SCS 623.
Diagnostic Radiography and ultra sound imaging. Radiation safety. Special procedures.

612. Problems in Diagnostic Imaging Clerkship
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

P: SCS 611. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
Advanced diagnostic radiography, ultrasound imaging, and magnetic resonance imaging.

621. Anesthesiology Clerkship
Fall, Spring, Summer. 3 credits.
R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 648.
Supervised anesthesiology practice.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

622. General Medicine and Intensive Care Unit Clerkship
Fall, Spring, Summer. 4 credits.

R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 625 or SCS 645.
Diagnostic and therapeutic plans and procedures for pet animal patients presented by appointment and as emergencies.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

623. Radiology Clerkship
Fall, Spring, Summer. 3 credits.

R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 611.
Supervised radiology practice.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

624. Small Animal Surgery Clerkship
Fall, Spring, Summer. 4 credits.

R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 626 or SCS 646.
Soft tissue and orthopedic surgery in companion animals.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

625. Small Animal General Medicine Clerkship
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 622.
Diagnostic and treatment services for routine and emergency outpatients.

626. Small Animal Soft Tissue Surgery Clerkship
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 624.
Diagnosis and preoperative, surgical, and postoperative care of patients requiring routine elective and major soft tissue surgical procedures.

- 627. Veterinary Molecular Biology Clerkship**
Fall, Spring, Summer. 2 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
R: Completion of three years of the graduate-professional program in the College of Veterinary Medicine. Concepts and techniques of veterinary molecular biology.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.
- 631. Problems in Small Animal Anesthesiology Clerkship**
Fall, Spring, Summer. 2 credits.
P: SCS 621. R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Anesthesiology problems.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.
- 634. Problems in Soft Tissue Surgery Clerkship**
Fall, Spring, Summer. 2 credits.
P: SCS 624. R: Open only to graduate-professional students in College of Veterinary Medicine. Soft tissue surgery problems.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.
- 636. Problems in Soft Tissue Surgery Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: SCS 626. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine. Soft tissue surgery problems.
- 640. Cardiology Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 660.
Diagnosis and medical, and surgical treatment of small animal thoracic and cardiovascular disorders.
- 641. Ophthalmology Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 663.
Ophthalmic evaluation of all species. Diagnosis and medical and surgical treatment of ophthalmic disease.
- 642. Zoo and Wildlife Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 665.
Zoo animal and wildlife medicine and surgery.
- 643. Neurology Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 666.
Diagnosis and medical and surgical treatment of small animal neurological disorders.
- 644. Dermatology Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 681.
Diagnosis and treatment of small animal dermatological disorders.
- 645. Intensive Care Unit Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 622.
Intensive care and management of critically ill small animals.
- 646. Small Animal Orthopedic Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 624.
Diagnosis and preoperative, surgical, and postoperative care of patients requiring routine and major orthopedic surgical procedures.
- 647. Small Animal Internal Medicine Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: Completion of semester 5 of the professional veterinary program. R: Open only to graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 661.
Diagnosis and therapy for complicated medicine cases of small animals.
- 648. Anesthesia Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Completion of 5 semesters of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in SCS 621.
Pre-anesthesia evaluation, induction, monitoring, and recovery of large and small animal patients requiring routine and major surgical procedure.
- 650. Advanced Cardiology**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: SCS 640. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
Advanced cardiology practice.
- 651. Problems in Ophthalmology Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: SCS 641. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
Ophthalmic problems.
- 653. Problems in Neurology Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: SCS 643. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
Neurologic problems.
- 656. Problems in Orthopedic Surgery Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: SCS 646. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
Orthopedic surgery problems.
- 657. Problems in Internal Medicine Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: SCS 647. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
Internal medicine problems.
- 658. Problems in Anesthesiology Clerkship**
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: SCS 648. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
Advanced practice of anesthesiology in the teaching hospital setting.
- 660. Cardiology Clerkship**
Fall, Spring, Summer. 2 credits.
R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 640.
Cardiology practice.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.
- 661. Internal Medicine Clerkship**
Fall, Spring, Summer. 3 credits.
R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 647.
Supervised internal medicine practice.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.
- 663. Ophthalmology Clerkship**
Fall, Spring, Summer. 2 credits.
R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 641.
Ophthalmology practice.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.
- 665. Zoo and Wildlife Clerkship**
Fall, Spring. 2 credits.
R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 642.
Zoo animal and wildlife medicine and surgery.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

Descriptions — Small Animal Clinical Sciences of Courses

666. Neurology Clerkship
Fall, Spring, Summer. 2 credits.
R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 643.
 Neurology practice.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

671. Problems in Internal Medicine Clerkship
Fall, Spring, Summer. 2 credits.
P: SCS 661. R: Open only to fourth year graduate-professional students in College of Veterinary Medicine.
 Internal medicine problems.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

673. Problems in Ophthalmology Clerkship
Spring. 2 credits.
P: SCS 663. R: Open only to fourth year graduate-professional students in College of Veterinary Medicine.
 Ophthalmology problems.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

674. Problems in Orthopedic Surgery Clerkship
Fall, Spring, Summer. 2 credits.
P: SCS 624. R: Open only to fourth year graduate-professional students in College of Veterinary Medicine.
 Orthopedic surgery problems.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

680. Special Problems Clerkship
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Approval of department.
 Clinical training with problem cases.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

681. Dermatology Clerkship
Fall, Spring, Summer. 2 credits.
R: Open only to fourth year graduate-professional students in College of Veterinary Medicine. Not open to students with credit in SCS 644.
 Dermatology practice.
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.

690. Veterinary Molecular Biology Clerkship
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
 Concepts and techniques of veterinary molecular biology.

693. Problems in Small Animal Clinical Sciences Clerkship
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.
 Special problems.

808. Problems in Small Animal Surgery
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 15 credits in all enrollments for this course.
R: Open only to graduate students in Small Animal Clinical Sciences.

810. Problems in Small Animal Medicine
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 15 credits in all enrollments for this course.
R: Open only to graduate students in Small Animal Clinical Sciences.

813. Small Animal Seminar
Fall, Spring, Summer. 1(1-0) A student may earn a maximum of 3 credits in all enrollments for this course.
R: Open only to graduate students in Small Animal Clinical Sciences.

826. Cardiology
Fall of even-numbered years. 3(3-0)
R: Open only to graduate students in Small Animal Clinical Sciences.
 Advances in veterinary cardiology. Congenital and acquired diseases. Electrocardiology, cardiac catheterization, and surgery.

899. Master's Thesis Research
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
R: Open only to graduate students in Small Animal Clinical Sciences.

SOCIAL SCIENCE SSC
College of Social Science

493. Social Science Internship
Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
R: Open only to juniors and seniors in College of Social Science. Approval of college.
 Methods and concepts from social and behavioral sciences applied in career-related settings.

496. Field Study Abroad
Fall, Spring, Summer. 3 to 10 credits. A student may earn a maximum of 16 credits in all enrollments for this course.
R: Open only to juniors and seniors. Approval of college.
 Study abroad under MSU faculty supervision. Social behavior and processes in selected countries.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 36 credits in all enrollments for this course.

SOCIAL WORK SW
School of Social Work
College of Social Science

200. Introduction to Social Work
Fall, Spring. 3(3-0)
 Social work practice, ethics, and values, in the context of social welfare policy in the United States.

310. Human Behavior and Social Environment
Fall. 3(3-0)
P: SW 200, PSY 101, SOC 100, PSY 236; BS 110 or ZOL 341 or TCC 325 or PSL 250. R: Open only to majors in Social Work.
 General systems and ecological theories within the context of lifespan development as applied to social work.

320. Social Work and Social Policy
Fall. 3(3-0)
P: SW 200, PLS 100, EC 202. R: Open only to majors in Social Work.
 History of social work and of public policy in welfare, health and civil rights. Roles of social work professionals in policy analysis, implementation and evaluation.

340. Foundations of Social Work Practice
Spring. 3(3-0)
P: SW 310, SW 320. R: Open only to majors in Social Work.
 Ethical and philosophical basis for generalist social work practice. Interviewing skills, assessment, and problem solving within an ecological-systems and developmental framework.

430. Research Methods in Social Work I
Spring, Summer. 3(3-0)
P: Completion of University mathematics requirement. R: Open only to majors in School of Social Work.
 Research processes employing quantitative methods in the measurement of outcomes of social work intervention.

431. Research Methods in Social Work II
Fall, Summer. 3(3-0)
P: SW 430. R: Open only to majors in School of Social Work.
 Concepts and methodology for scientific evaluation of social work practice. Theory construction, research design, sampling, and data collection.

440. Social Work Practice with Individuals and Families (W)
Fall. 3(3-0)
P: SW 340. C: SW 494A. R: Open only to Social Work seniors, approval of school. Completion of Tier I writing requirement.
 Social work intervention with individuals, families, and small groups.

441. Social Work Practice with Groups, Organizations and Communities
Spring. 3(3-0)
P: SW 440. C: SW 494B. R: Open only to seniors in Social Work.
 Planning and social intervention. Assessment of persons, situations, and environment.

470. Foreign Area Studies in Social Work
Fall, Spring, Summer. 2 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
R: Open only to majors in School of Social Work.
 Social work issues in settings outside the continental U.S.A.

471. Child Welfare
Fall. 3(3-0)
R: Open only to juniors, seniors, and graduate students in the School of Social Work.
 Social work practice and policy approaches to intervention. Needs and problems of children from the prenatal period through infancy, childhood, and adolescence.

472. Social Work in Health Care
Fall. 3(3-0)
R: Open only to juniors, seniors and graduate students.
 Psychosocial impact of illness and trauma. Social work practice in health care settings. Role of culture, values, and life style.

473. Rural Social Work
Spring of even-numbered years. 3(3-0)
R: Open only to juniors, seniors, and graduate students.
 Characteristics of rural persons and communities. Implications for social work roles, programming, service delivery, research, and practice.