

**Descriptions — Russian
of
Courses**

431. Russian Literature I
Fall. 3(3-0)
P: RUS 302 or RUS 342.
Reading and discussion in Russian of works by Russian writers of the first half of the nineteenth century.

432. Russian Literature II
Spring. 3(3-0)
P: RUS 302 or RUS 342.
Reading and discussion in Russian of works by Russian writers of the second half of the nineteenth and beginning of the twentieth centuries.

490. Independent Study
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course.
R: Approval of department.
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

491. Special Topics in Russian Studies
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 9 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.

493. Overseas Internship
Fall, Spring. 1 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
P: RUS 102 or approval of department. R: Not open to freshmen and sophomores.
Study of Russian language, culture, and literature at an approved site in the Russia. Exposure to Russian life and current events. Interaction with the Russian people.

499. Senior Thesis 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.
An individual research project supervised by a faculty member that demonstrates the student's ability to do independent research and submit or present a major paper.

801. Introduction to Graduate Study
Fall. 3(3-0)
Research techniques and principles of textual analysis as tools for graduate studies. Bibliographic sources.

802. Studies in Russian Language
Spring. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Open only to graduate students in Russian. Approval of department.
Fine points of grammar as reflected through studies of morphology, syntax, and practical stylistics. Emphasis on word order, adverbial modifiers, verbal aspects and gerund. Analysis of literary styles.

803. Studies in Translation
Spring of odd-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.
C: n.a. concurrently. R: Open only to graduate students in Russian. Approval of department.
Structured on two integrated courses: (a) translations of Russian literary/technical texts into English and (b) criticism of literary/technical translations (from Russian into English). Emphasis on the retention of all stylistic and linguistic layers of the original.

804. Topics in the Teaching of Russian
Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.
Methods of Russian language instruction. Current research on the acquisition of Russian.

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.

885. Studies in Russian for Business and Economics
Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.
R: Approval of department.
Emerging issues in the economic and political systems of Russia and other republics of the CIS. Physical and economic geography; demographics; natural resources; industry and agriculture; privatization; doing business in Russia today; cross-cultural communication.

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.
R: Completion of semester 5 of the professional veterinary program. 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.

625. Small Animal General Medicine Clerkship

Fall, Spring, Summer. 3 credits. 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. 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.

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. 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. 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. R: Completion of semester 5 of the professional veterinary program. 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.

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.

695. Emergency and Critical Care Medicine

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 the College of Veterinary Medicine. Admission, triage, diagnosis, treatment, and discharge of patients entering an emergency service. Daily instructional rounds.

Descriptions — Small Animal Clinical Sciences of Courses

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

101. Preview of Science
 Fall. 1(1-0) Interdepartmental with Natural Science, Agriculture and Natural Resources, and Engineering. Administered by Natural Science.
 R: Approval of College
 Overview of natural sciences. Transitional problems. Communications and computer skills. Problem solving skills. Diversity and ethics problems in science. Science and society.

192. Environmental Issues Seminar
 Fall, Spring. 1(1-0) A student may earn a maximum of 4 credits in all enrollments for this course. Interdepartmental with Natural Science, Agriculture and Natural Resources, and Engineering. Administered by Natural Science.
 R: Open only to students in the College of Agriculture and Natural Resources, College of Engineering, College of Natural Science, and College of Social Science. Approval of College.
 Environmental issues and problems explored from a variety of perspectives, including legal, scientific, historical, political, socio-economic, and technical points of view.

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.

499. Directed Research in Interdisciplinary Studies in Social Science (W)
 Fall, Spring, Summer. 3 credits.
 R: Open only to juniors and seniors in the Interdisciplinary Studies in Social Science major. Approval of college. Completion of Tier I writing requirement.
 Directed individual and small group research under faculty supervision in the student's Interdisciplinary Option.

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, PSL 101. 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 concurrently. 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 concurrently. 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.

474. Substance Abuse and the Human Services
 Spring of odd-numbered years. 3(3-0)
 R: Open only to juniors, seniors, and graduate students.
 Theories, assessment, intervention, and service delivery models.

490. Independent Study in Social Work
 Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.
 R: Open only to juniors and seniors. Approval of instructor and school.
 Individual reading and research supervised by a Social Work faculty member.

490II. Honors Independent Study
 Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
 R: Open only to Honors College Social Work majors. Approval of school.
 Study of a problem, phase or field of social work.

491. Special Topics in Social Work
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.
 R: Open only to majors in School of Social Work.
 Selected topics in social work. Topics include community dynamics or practice issues.

492. Seminar in Social Work
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.
 R: Open only to majors in School of Social Work.
 Selected professional issues, trends, programs or methods in social work including comparative analysis of national social welfare and social work systems.