

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. Neurology 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.

694. Small Animal Specialty Practice Clerkship

Fall, Spring, Summer. 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: Completion of semester 5 of the professional veterinary program. R: Open only to fourth year graduate-professional students in the College of Veterinary Medicine

Supervised, off-campus, specialty practice experience in an assigned veterinary practice or other school of veterinary medicine.

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.

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.

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.

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; Engineering; and Communication Arts and Sciences. Administered by Natural Science. R: Open only to students in the College of Agriculture and Natural Resources or College of Engineering or College of Natural Science or College of Communication Arts and Sciences or 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.

290. Selected Topics in Social Science
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 freshmen or sophomores.

Topics may cover contemporary, theoretical, or applied issues or interdisciplinary approaches.

390. Disease in Society: An Introduction to Epidemiology and Public Health

Spring. 3(3-0) Interdepartmental with Epidemiology. Administered by Epidemiology.

Human epidemiology and population health issues facing contemporary society, in both developed and less developed settings. Health-related information in the mass media and scholarly publications.

490. Special Topics in Social Science

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to juniors or seniors or graduate students.

Topics may cover contemporary, theoretical, or applied issues or interdisciplinary approaches.

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 or seniors in the 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 or 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. P: Completion of Tier I writing requirement. R: Open only to juniors or seniors in the Interdisciplinary Studies in Social Science major. Approval of college.

Directed individual and small group research under faculty supervision in the student's Interdisciplinary Concentration.

826. International Development and Sustainability

Summer. 3(3-0) Interdepartmental with Anthropology; Political Science; Forestry; and Resource Development. Administered by Resource Development.

Environmental, economic, political, legal, management, and cultural components of sustainable development.

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.