651. Problems in Ophthalmalogy 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.  
Ophthalmologic 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 647. R: Completion of semester 5 of the graduate-professional program in the College of Veterinary Medicine.  
Orthopedic surgery problems.  
Q: SCS 671

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.  
Q: SCS 671

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 647.  
Cardiologic problems.  
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.  
Q: SCS 680

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.  
Q: SCS 681

663. Ophthalmalogy 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.  
Ophthalmologic practice.  
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.  
Q: SCS 683

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.  
Q: SCS 685

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.  
Neurologic practice.  
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.  
Q: SCS 686

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.  
Q: SCS 671

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

674. Problems in Orthopedic Surgery Clerkship  
Fall, Spring, Summer. 2 credits.  
P: SCS 664. 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.  
Q: SCS 674

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. Not open to students with credit in SCS 640.  
Clinical training with problem cases.  
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.  
Q: SCS 680

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 641.  
Dermatologic practice.  
Temporary approval effective from Fall Semester 1992 through Spring Semester 1996.  
Q: SCS 681

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.

692. 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.  
Q: SCS 689

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.  
Q: SCS 808

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.  
Q: SCS 810

826. Cardiology  
Fall of even-numbered years. 3(3-0)  
R: Open only to graduate students in Small Animal Clinical Sciences.  
Q: SCS 826

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.  
Q: SCS 899

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.  
Q: SCS 493

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.  
Q: SCS 496

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.  
Q: SCS 999

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.  
Q: SW 200

310. Human Behavior and Social Environment  
Fall. 3(3-0)  
P: SW 200, PSY 161, SOC 100, PSY 236; BS 110 or ZOL 241 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.  
Q: SW 205, PSY 160, PSY 170, SOC 241, PSY 225, BS 210, JS 211 Q: SW 438