

**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.

- 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.
- 490H. 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.
- 494A. Social Work Practicum I: Foundations**  
Fall. 5(1-16)  
P: SW 340. C: SW 440. R: Open only to seniors in Social Work.  
Supervised practicum in approved community agencies. Integration and application of concepts from foundation and concurrent practice courses.
- 494B. Social Work Practicum II: Generalist Practice**  
Spring. 5(1-16)  
P: SW 440, SW 494A. C: SW 441. R: Open only to seniors in Social Work.  
Continuation of SW 494A. Focus on writing skills for professional practice and career options.
- 810. Theories of Groups, Organizations, and Communities in Social Work**  
Fall. 3(3-0)  
R: Open only to graduate students in the School of Social Work. Not open to students with credit in SW 812A or SW 812B.  
Ecological and social-systems perspectives in social work. Theories of groups, formal organizations, and communities in a systems framework for social work practice. Ethical foundations of social work.
- 811. Social Work Perspectives in Human Development**  
Spring. 3(3-0)  
P: SW 810. R: Open only to graduate students in School of Social Work. Not open to students with credit in SW 812.  
Developmental theories applied to individuals and families within an ecological perspective. Biopsychosocial factors and interactions in human development for social work assessment and intervention.
- 812A. Human Behavior and the Social Environment I**  
Summer. 2(2-0)  
R: Open only to graduate students in School of Social Work. Not open to students with credit in SW 810 or SW 811.  
Ecological concepts of communities, groups, families, and individuals. Biopsychosocial factors and life span perspectives as a framework for social work practice.
- 812B. Human Behavior and the Social Environment II**  
Summer. 2(2-0)  
P: SW 812A. R: Open only to graduate students in School of Social Work. Not open to students with credit in SW 810 or SW 811.  
Continuation of SW 812A.
- 813. Maladaptive Behavior and Psychosocial Disorders**  
Fall. 3(3-0)  
P: SW 811 or SW 812B. R: Open only to graduate students in the School of Social Work.  
Social work perspective of person-in-environment as related to maladaptive behavior and psychosocial disorders. Cultural, gender, and racial diversity.
- 820. Social Welfare Policy and Services**  
Fall. 3(3-0)  
R: Open only to graduate students. Not open to students with credit in SW 821.  
Policy analysis in historical and philosophical context. The social work profession and social welfare policy. Gender, minority, social class, and international policy issues.
- 821. Social Welfare Policy and Service Delivery Systems**  
Summer. 2(2-0)  
C: SW 812A, SW 842A, SW 893A. R: Open only to graduate students in the School of Social Work. Not open to students with credit in SW 820.  
Professional, social, organizational, international, and political context of social welfare policy. Impact on the poor, women, and minorities. Service delivery systems.
- 822A. Social Welfare Policy and Services: Children, Youth and Families**  
Spring. 3(3-0)  
P: SW 820 or SW 821. R: Open only to graduate students in the School of Social Work.  
Development and consequences of specific policies. Multicultural and gender issues.
- 822B. Social Welfare Policy and Services: Adults**  
Spring. 3(3-0)  
P: SW 820 or SW 821. R: Open only to graduate students in the School of Social Work.  
Development and consequences of policies and programs for adults, especially women, minorities, and other disadvantaged groups.
- 822C. Social Welfare Policy and Services: Aging**  
Spring. 3(3-0)  
P: SW 820 or SW 821. R: Open only to graduate students in the School of Social Work.  
Development and consequences of policies and programs, especially for women and minority elders.
- 830. Applied Social Work Research: Experimental and Quasi-Experimental Designs**  
Spring. 3(3-0)  
R: Open only to graduate students in School of Social Work. One introductory research methods course and one introductory data analysis course. Not open to students with credit in SW 831.  
Evaluation of social work programs and practice. Measurement and evaluation processes. Experimental, quasi-experimental, and single-system designs. Sampling processes. Data analysis and computer applications in social work.
- 831. Applied Social Work Research: Design and Evaluation**  
Summer. 2(2-0)  
C: SW 812B, SW 842B, SW 893B. R: Open only to graduate students in School of Social Work. One introductory research methods course and one introductory data analysis course. Not open to students with credit in SW 830.  
Measurement and evaluation processes. Experimental, quasi-experimental, and single-subject design. Data analysis and computer applications in social work.
- 832. Applied Social Work Research: Survey and Field Designs**  
Fall. 3(3-0)  
P: SW 830 or SW 831. R: Open only to graduate students in School of Social Work.  
Evaluation of social work processes and outcomes. Scales of measurement. Survey, field, and qualitative research methods. Sampling strategies. Computer technologies in social work evaluation. Data analysis and dissemination of findings.
- 840. Social Work Practice: Generic Methods**  
Fall. 4(4-0)  
P: SW 810 or concurrently. C: SW 894A. R: Open only to graduate students in the School of Social Work. One introductory research methods course and one introductory data analysis course. Not open to students with credit in SW 842A or SW 842B.  
Conceptual framework for generalist social work practice. Ethical and philosophical basis for professional practice and accountability. Social work roles and methods with micro-and-macro client systems.
- 841. Social Work Practice: Intervention Models**  
Spring. 3(3-0)  
P: SW 811 or concurrently. SW 840. C: SW 894B. R: Open only to graduate students in Social Work. Not open to students with credit in SW 842A or SW 842B.  
Assessment and intervention by developmental stage and type of client system. Models of social work practice.
- 842A. Practice Methods and Evaluative Research I**  
Summer. 2(2-0)  
C: SW 812A, SW 821, SW 893A. R: Open only to graduate students in School of Social Work. Not open to students with credit in SW 840 or SW 841.  
Selection, implementation, and evaluation of models of social work intervention.
- 842B. Practice Methods and Evaluative Research II**  
Summer. 2(2-0)  
P: SW 842A. C: SW 812B, SW 831, SW 893B. R: Open only to graduate students in School of Social Work. Not open to students with credit in SW 840 or SW 841.  
Continuation of SW 842A.

**Descriptions — Social Work  
of  
Courses**

**850. Clinical Social Work Practice:  
Individual and Family Systems**  
Fall. 3(3-0)

P: SW 841 or SW 842B; SW 893B or SW 894B. C: SW 894D. R: Open only to graduate students in the School of Social Work.

Conceptual frameworks for clinical social work practice with individuals, couples, and families. Intervention strategies, techniques, and practice issues.

**851. Clinical Social Work Practice:  
Treatment Groups**  
Spring. 3(3-0)

P: SW 850, SW 894D. C: SW 894E. R: Open only to graduate students in Social Work.

Conceptual frameworks for clinical social work practice with small groups. Intervention strategies, techniques, research, and practice issues in prevention and treatment groups.

**860. Social Work Planning, Evaluation, and  
Administration**  
Fall. 3(3-0)

P: SW 841 or SW 842B. C: SW 894D or SW 894F. R: Open only to graduate students in the School of Social Work.

Environmental, political, and organizational contexts of social service delivery. Supervisory and administrative processes.

**861. Fiscal Management and Evaluation in  
Social Work**  
Spring. 3(3-0)

P: SW 860. C: SW 894G. R: Open only to graduate students in Social Work.

Budgeting, control and evaluation processes in social work agencies. Computer application for administrative processes.

**870. Advanced Clinical Social Work with  
Individual Adults**  
Spring of odd-numbered years. 3(3-0)

P: SW 850. C: SW 894E. R: Open only to graduate students in Social Work.

Interventions with individual adults. Case problem solving in empirically-based practice.

**871. Advanced Clinical Social Work with  
Families**  
Spring of even-numbered years. 3(3-0)

P: SW 850. C: SW 894E. R: Open only to graduate students in Social Work.

Family intervention skills. Case problem solving in empirically-based practice.

**872. Advanced Social Work Practice:  
Intervention with the Elderly**  
Spring of even-numbered years. 3(3-0)

P: SW 850. C: SW 894E. R: Open only to graduate students in Social Work.

Preventive, supportive, and rehabilitative measures. Independent and dependent elderly populations. Empirically-based practice.

**885. Use of Self in Social Work Practice**  
Fall of even-numbered years. 3(3-0)

P: SW 841 or SW 842B. C: SW 894D or SW 894F. R: Open only to graduate students in the School of Social Work.

Impact of social worker characteristics on intervention process. Models for analyzing and using the professional self in the process of client change. Experiential learning.

**886. Racial Minorities and Social Work  
Practice**  
Fall of odd-numbered years. 3(3-0)

R: Open only to graduate students in School of Social Work.

Historical, political, socio-economic and psychosocial factors affecting racial minorities. Implications for social work practice.

**890. Independent Study**

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

R: Approval of school.

Independent reading and research supervised by a faculty member.

**891. Special Topics in Graduate Social  
Work (MTC)**

Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to graduate students in School of Social Work.

Topics in social welfare, social policy, service delivery, research, theory, and practice.

**892. Graduate Seminars in Social Work**

Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Open only to graduate students in School of Social Work.

Selected professional issues, trends, programs, research, or methods in social work.

**893A. Social Work Field Instruction:  
Integration of Practice Methods I**  
Summer. 2(0-8)

C: SW 812A, SW 821, SW 842A. R: Open only to graduate students in the School of Social Work. Not open to students with credit in SW 894A or SW 894B.

Application of social work foundation concepts in a campus-based experience. Professionally supervised application in selected social service agencies.

**893B. Social Work Field Instruction:  
Integration of Practice Methods II**  
Summer. 2(0-8)

P: SW 893A. C: SW 812B, SW 831, SW 842B. R: Open only to graduate students in the School of Social Work. Not open to students with credit in SW 894A or SW 894B.

Continuation of SW 893A.

**894A. Social Work Field Instruction:  
Foundations of Applied Social Work  
Practice**  
Fall. 4(0-16)

P: SW 810 or concurrently; SW 820 or concurrently. C: SW 840. R: Open only to graduate students in Social Work. Not open to students with credit in SW 893A or SW 893B.

Foundation components of social work practice. Professionally supervised application in a campus based experience and in selected social service agencies.

**894B. Social Work Field Instruction: Models  
of Intervention**  
Spring. 4(0-16)

P: SW 894A, SW 840. C: SW 841. R: Open only to graduate students in Social Work. Not open to students with credit in SW 893A or SW 893B.

Professionally supervised application of theories of developmental stages, types of client systems, and models of practice in approved agencies.

**894D. Social Work Field Instruction: Clinical  
Intervention, Individuals and Families**  
Fall. 4(0-16)

P: SW 841 or SW 842B; SW 893B or SW 894B. C: SW 850. R: Open only to graduate students in the School of Social Work.

Professionally supervised development of skills for practice with individuals, couples, and family systems in approved agencies.

**894E. Social Work Field Instruction: Clinical  
Intervention with Groups**  
Spring. 4(0-16)

P: SW 894D. C: SW 851. R: Open only to graduate students in Social Work.

Professionally supervised development of skills for practice with groups in approved agencies.

**894F. Social Work Field Instruction: Work  
Planning, Evaluation, and  
Administration**  
Fall. 4(0-16)

P: SW 893B or SW 894B. C: SW 860. R: Open only to graduate students in the School of Social Work.

Professionally supervised application of concepts, principles, and methods to planning, evaluation, and administration in approved agencies.

**894G. Social Work Field Instruction: Fiscal  
Management and Evaluation**  
Spring. 4(0-16)

P: SW 894F. C: SW 861. R: Open only to graduate students in Social Work.

Professionally supervised application of social work concepts, principles, and methods to budgeting, control, and evaluation in approved social service agencies.

**900. Doctoral Proseminar in Social Work**  
Fall. 1(1-0)

R: Open only to doctoral students in Social Science and Social Work.

Major issues in social work practice, theory, and research. Social work and the social science disciplines.

**901. Knowledge Construction in Social Work**  
Fall of even-numbered years. 3(3-0)

R: Open only to doctoral students in Social Science and Social Work.

Historical evolution and contemporary status of social work knowledge. Epistemological and ethical issues in the construction of social work theory and knowledge.

**905. Social Work Practice Theories**  
Fall of odd-numbered years. 3(3-0)

R: Open only to doctoral students in Social Science and Social Work.

Selected meta-theories of problem formation and resolution at different levels of biopsychosocial life. Application to social work practice.

**910. Social Problems and Social Policy**  
Spring of even-numbered years. 3(3-0)

R: Open only to doctoral students in Social Science and Social Work.

Impact of public policies on social problems, social welfare, social programs, and social work practice. Application of analytical frameworks to selected areas of social welfare.

**920. Evaluation of Social Work Services and  
Practice**  
Spring of odd-numbered years. 3(3-0)

R: Open only to doctoral students in Social Science and Social Work.

Evaluation of social service organizations, service delivery, and practice outcomes. Evaluation models, design issues, and professional roles in planning and implementing evaluation studies of social work practice.

**990. 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 doctoral students in Social Science-Social Work. Approval of school.

Individual study of theoretical or applied problem in social work.