

# UCSF

school of nursing



2003-2004

University of California  
San Francisco



School of Nursing

# COURSES

The symbol § following the units designates a course approved for credit toward a graduate academic degree. Sessions: Su= summer term, SS=summer session, F=fall quarter, W=winter quarter, Sp=spring quarter.

## NURSING

**141. Pharmacology and Nursing Care.** (3) Su. Lecture 3 hours. M. Scott

This introductory course examines the principles of pharmacokinetics and pharmacodynamics for major drug classes. Assessment and management of the therapeutic and toxic effects of pharmacologic interventions are emphasized. PHYSIOL NURS

**142. Introduction to Nursing.** (11) Su. Lecture 3 hours. Patient contact 24 hours. L. Bridgers

Course explores the concepts of health and illness and role of the professional nurse. Focuses on using the nursing process in care of persons across the adaptation and developmental continua. Concurrent laboratory designed to develop skills and knowledge common to the nursing care of adults. FAM HLTH

**143. Effective Communication.** (3) F, W. Lecture 3 hours. K. Shook, E. Madrid

Course reviews selected theories of human interaction and presents principles and techniques of effective communication as they relate to establishing and maintaining a helping relationship. Students use laboratory experience to develop skills in communication and interaction. COMM HLTH SYST

**144. Adult Medical-Surgical/Geriatric Nursing.** (13.5) F, W.

Prerequisites: Enrollment in the Master's Entry Program in Nursing (MEPN) and successful completion of N140, N141, N142, N145.

Lecture 4 hours. Clinic 26x11 weeks. M. Scott, L. Day

Course surveys selected medical-surgical conditions, problems of aging, and nurse's role in promoting optimal functioning. Planning, implementing, and evaluating interventions based on data analysis is emphasized. Clinical experience provides opportunities for role development and application of knowledge and skills. PHYSIOL NURS

**145. Pathophysiology.** (5) Su. Prerequisites: Admission to the Master's Entry Program in Nursing (MEPN). Lecture 5 hours. L. Day  
Course provides understanding of disease and its treatment, and an understanding of basic principles of microbiology as the basis for nursing assessment and intervention. Major diseases will be explored, in part by using a conceptual approach. PHYSIOL NURS

**146. Parent-Child Nursing.** (7.5). W, Sp. Prerequisites: N140, N141, N142, N144, N145. Lecture 4 hours. Patient contact 10.5 hours. L. Bridgers

This clinical course in the nursing care of children and families integrates theoretical concepts related to the management of pediatric patients in acute and ambulatory settings. Application of concepts of growth and development of the child and family is included. FAM HLTH

**147. Childbearing Families.** (7.5) F, Sp. Prerequisites: N140, N141, N142, N145. Lecture 4 hours. Patient contact 10.5 hours. Staff Course focuses on biopsychosocial concepts of normal reproductive and childbearing events. Emphasis is on nursing assessment and management of the childbearing family, the woman, fetus and newborn during the antepartum, intrapartum, and postpartum periods. FAM HLTH

**148. Socio-Cultural Issues in Health/Illness.** (2) F, W. Prerequisites: Enrollment in Master's Entry Program in Nursing (MEPN), N142. Lecture 2 hours. R. Eversley

Course provides an introduction to significant socio-cultural concepts in health and illness to increase the student's understanding of variations and their ability to provide culturally competent nursing care. FAM HLTH

**149. Psych/Mental Health Nursing.** (6) W, Sp. Prerequisites: N140, N141, N142, N143, N144, N145, N146. Lecture 3 hours. Patient contact 9 hours. S. Ziehm, K. Shook

Course presents biopsychosocial theories of human behavior as they relate to function, alteration, and/or disruption of mental processes; reviews current knowledge related to nursing care, psychiatric treatment, and psychosocial rehabilitation of the identified mentally ill adults and children and their families. COMM HLTH SYST

**150. Community Health Nursing.** (8.5) F, Sp. Prerequisites: Enrollment in Master's Entry Program in Nursing (MEPN), N140, N141, N142, N145. Lecture 3 hours. Clinic 16.5 hours. E. Madrid Course focuses on applying the nursing process to community health nursing practice in community settings. Concepts and research from nursing, family, and community health will be explored. Nursing care of vulnerable groups in the community will be emphasized. COMM HLTH SYST

**151. Issues in Nursing.** (3) Sp. Prerequisites: Enrollment in Master's Entry Program in Nursing (MEPN), N142, N144. Lecture 3 hours. Staff Course explores major issues and trends in contemporary nursing and health care delivery as they relate to nursing practice, education, and research. Course identifies strategies nurses can use to influence issues affecting nursing practice and health care delivery. FAM HLTH

**187. Scientific Writing.** (1) § F, W, Sp. Prerequisites: Consent of instructor. Lecture 1 hour. Enrollment limited. J. Grout Course reviews bibliographic search methodology, the style of scientific writing, American Psychological Association (APA) editorial format, and composition of the introductory paragraph. PHYSIOL NURS

**197. Group Independent Study.** (1-5) SS1, SS2, F, W, Sp. Lab 3-15 hours. Staff

Students collaborate in clinical investigation and study special problems related to nursing and health sciences under the direction of faculty. Students may select topics for study related to their area of interest.

**198. Supervised Study in Nursing.** (1-5) SS1, SS2, F, W, Sp.

Prerequisites: Consent of instructor. Lab 3-15 hours. Staff

Student conducts library research and does directed reading under supervision of a faculty member with approval of the chairperson of the department.

**199. Laboratory Project in Nursing.** (1-5) SS1, SS2, F, W, Sp.

Prerequisites: Consent of instructor. Lab 3-15 hours. Staff

Student conducts a laboratory research project under direction of a faculty member with the approval of the chairperson of the department.

**201A. Curriculum Development.** (2) § Sp. Prerequisites: None.

Lecture 2 hours. N. Stotts

Course provides the theoretical basis for curriculum development. The role of the philosophy and conceptual framework in driving program and course design will be analyzed. The fit of program and course evaluation strategies will be critically evaluated. PHYSIOL NURS

**201B. Teaching-Learning Process.** (3) § W. Prerequisites: Enrollment

in graduate nursing program. Seminar 3 hours. Z. Mirsky

Course reviews educational principles and theories that influence teaching-learning strategies in nursing education, staff development and client teaching programs. PHYSIOL NURS

**202A. Theory Development in Nursing.** (3) § F. Prerequisites:

Doctoral standing or consent of instructor. Lecture 1 hour. Seminar 2 hours. Staff

Critical analyses of contemporary strategies for the development of nursing theory building, particularly as they relate to selected nursing phenomena and an in-depth analysis of selected theoretical schools of thought. COMM HLTH SYST

**202B. Behavior Theories for Nursing Research.** (2) § Sp.

Prerequisites: N202A or N264 or consent of instructor. Seminar 2 hours. J. Faucett

Seminar will examine theories that have been used to study health-related human behavior and behavior change from an historical as well as conceptual perspective. The course will include a critical review of each theory and its applicability for nursing research. COMM HLTH SYST

**202C. Theories & Conceptual Frameworks.** (3-4) § Sp.

Prerequisites: Doctoral standing. Lecture 3 hours. A. Meleis

Comparative study and critical analysis of major conceptual models and theories in nursing. Considers relationship congruency of models to prototype theories; system, interaction, developmental, adaptation level theories. Examines the implication of nursing theories and models for practice and research. COMM HLTH SYST

**204. Pathophysiology in Family Primary Care.** (3) § F. Prerequisites: None. Restrictions: Enrollment in Family Nurse Practitioner (FNP) program or consent of instructor. Seminar 1 hour. Online web-based 2 hours per week. D. Fraser

Course is designed to promote the understanding and application of knowledge of fundamental disease processes in the clinical setting of a family nurse practitioner. Concepts of anatomy, physiology, and pathophysiology are included. FAM HLTH

**205. Concepts in Chronic Illness.** (2) § W. Prerequisites: N221 or N279 or permission of instructor. Lecture 2 hours. C. Chesla

Course reviews, analyzes and critiques selected conceptions of chronic illness. Empiric support for and applicability of chronic illness concepts are reviewed across settings, populations and the lifespan. Applicability to diverse U.S. populations is emphasized. FAM HLTH

**206A. Psychiatric Symptom Management.** (3) § F. Prerequisites: N227 and N219 or consent of instructor. Lab 3 hours. Seminar 2 hours. B. Phoenix

Seminar for advanced practice psychiatric nursing students to examine and discuss current theories and practice approaches to manage symptoms of psychiatric disorders including models for self-care, relapse prevention and psychoeducation with individuals, groups and families. COMM HLTH SYST

**207. HIV Complex Case Management.** (2) § W. Prerequisites: N233B (Pathophysiology of AIDS) or equivalent and/or consent of instructor. Lecture 2 hours. S. Stringari

HIV-related case studies are analyzed to delineate clinical decision-making variables which include the relevant pathophysiological, research, psychological/sociological factors that impact disease expression, patient management, and outcomes. In the context of case analyses, theoretical perspectives will be discussed. COMM HLTH SYST

**208A. Human Pathophysiology and Aging.** (3) § F. Prerequisites: None. Lecture 3 hours. M. Engler

Course integrates and applies knowledge of aging and pathophysiological concepts/alterations in selected organs and systems as a basis for advanced practice. Content areas to be addressed include: altered cellular, neurological, and hormonal regulation. PHYSIOL NURS

**208B. Human Pathophysiology and Aging.** (3) § W. Prerequisites: None. Lecture 3 hours. M. Engler

Course integrates and applies knowledge of aging and pathophysiological concepts/alterations in selected organs and systems as a basis for advanced practice. Content areas to be addressed include: altered cardiovascular, pulmonary, and renal function. PHYSIOL NURS

**209A. Comparative Qualitative Research Design.** (2) § F.

Prerequisites: None. Restrictions: Enrollment in the Doctoral Program. Lecture 2 hours. B. Davies

Course provides an introduction to the principles and methods of qualitative research, critically analyzing the elements of qualitative

research design set within the context of the research questions to be asked and the existing knowledge in the area. FAM HLTH

**209B. Comparative Quantitative Research Design.** (2) § F.

Prerequisites: None. Restrictions: Enrollment in the Doctoral Program. Lecture 2 hours. W. Holzemer

Course provides a critical analyses of techniques to conduct systematic reviews of bodies of knowledge, scientific rigor of quantitative research designs, and issues related to clinical relevancy of research findings. COMM HLTH SYST

**210A. Introduction to Health Care Informatics.** (3) § F. Lecture 3 hours. Staff

Introduction and overview of health care informatics, focused on the building blocks for computer-based systems with specific application examples (e.g., clinical information systems, educational technologies, telemedicine, digital libraries, simulation and modeling). COMM HLTH SYST

**210B. Decision Support Systems.** (3) § W, Sp. Prerequisites: N210A (Introduction to Health Care Informatics). Lecture 3 hours. C. Mead  
Introduction and overview of decision making and decision support systems in health care, including theoretical approaches, model-based decision support (decision analysis and multiple criteria models), and knowledge-based support systems. COMM HLTH SYST

**212A. Qualitative Data Collection and Ethics.** (2) § Sp.

Prerequisites: N209A. Lecture 2 hours. P. Benner, J. Humphreys  
Course examines the construction of qualitative research and ethics in research. Students formulate research questions and design a qualitative study. SOC BEH SC

**212B. Quantitative Measurement and Theory.** (3). § Sp. Prerequisites: N209B. Lecture 3 hours. J. Norbeck, R. Slaughter

Course critically evaluates concepts underlying measurement reliability and validity. Construction of measurement tools and their use in quantitative research will be explored. COMM HLTH SYST

**213A. Common Problems of Cancer Care.** (3) § F. Prerequisites: None. Seminar 3 hours. M. Dodd

Course addresses the theoretical and scientifically based clinical perspectives essential to managing common problems of the person with cancer and HIV/AIDS related malignancies. This includes nursing interventions, self-care, and ambulatory/home measures across the illness continuum of these disease states. PHYSIOL NURS

**213B. Complex Cancer/AIDS Care.** (3) § W. Prerequisites: None. Lecture 3 hours. C. Miaskowski

Course addresses the theoretical and scientific basis for management of complex clinical conditions experienced by patients with cancer and HIV/AIDS. Emphasis is on nursing management of conditions such as: spinal cord compression, sepsis, superior vena cava syndrome, and pneumocystis carinii pneumonia. PHYSIOL NURS

**214A. Community-Based Long-Term Care.** (1-2) § W. Prerequisites: S222 (taken prior to or concurrent with course). Seminar 1 hour.

Optional field work 3 hours. L. Reif

Course analyzes empirical research and theory dealing with noninstitutional approaches to long-term care. Examination of patient characteristics and needs, models of service delivery, factors affecting service utilization, and nurses' roles in provision and management of community-based long-term care. PHYSIOL NURS

**214B. Institutional Care of the Aged.** (2-3) § W. Prerequisites: None. Seminar 2 hours. Optional field work 3 hours. J. Kayser-Jones  
Course uses a theoretical, historical, and cross-cultural approach to focus on issues, problems, and trends in institutional care of the elderly. Research studies will be discussed and analyzed, and the health professionals' role in providing care will be explored. PHYSIOL NURS

**215. Advanced Practice in Public and Community-Based Care Systems.** (4). § Sp. Prerequisites: None. Lecture 4 hours. C. Waters  
Course includes a comprehensive analysis of methods, theory and research to assess, plan, intervene and evaluate health risks and resources for diverse populations and their interface with public and community-based care systems. COMM HLTH SYST

**216A. Cardiovascular Disease I.** (3) § F. Prerequisites: None. Seminar 3 hours. E. Froelicher  
Course correlates pathophysiology, clinical diagnosis, and current management of cardiovascular disorders across the illness continuum and across settings. Content areas include: cardiac diagnostics, hypertension, hyperlipidemia, atherosclerosis, and myocardial ischemia. PHYSIOL NURS

**216B. Cardiovascular Disease II.** (3) § W. Prerequisites: N216A or consent of instructor. Seminar 3 hours. M. Engler  
Course correlates pathophysiology, clinical diagnosis, and current management of cardiovascular disorders across the illness continuum and across settings. Content areas include: revascularization procedures, valvular heart disease, cardiomyopathy, and heart failure. PHYSIOL NURS

**219. Psychiatric Assessment.** (2-3) § W. Lecture 2 hours. Lab 3 hours (optional). L. Chafetz  
Course uses clinical material in the critical examination of standard psychiatric diagnoses. Emphasis will be on the utility of assessment tools such as the mental status examination and the psychiatric history across diverse clinical specialties and the life span. COMM HLTH SYST

**220. Academic Role Development.** (1) § W. Prerequisites: None. Seminar 1 hour. K. Dracup  
Seminar focuses on development of a career as a university faculty member. Emphasis will be on understanding how to develop a program of research and develop a reputation in the field. Foci will include teaching, mentoring students, university/public service. PHYSIOL NURS

**221. Theory in Advanced Practice Nursing.** (2) § F. Prerequisites: None. Lecture 2 hours. P. Patterson  
Course provides an introduction to critical thinking about the discipline of nursing. Comparative analyses of frameworks to critique competing

theoretical approaches to nursing practice are presented. Methods for the development, testing, and implementation of practice theories are discussed. PHYSIOL NURS

**222A. Clinical Management of Chronic Illness I.** (2). § W.

Prerequisites: N246, N247, & N247.02A. Lecture 2 hours. E. Scarr  
Course presents the clinical management of patients with selected chronic illnesses. Content builds on existing knowledge of anatomy, physiology and pathophysiology. Emphasis is on common presenting symptoms, rational use of diagnostic testing and the formulation of appropriate management plans. Correlation with clinical practice is an integral aspect of course. FAM HLTH

**222B. Clinical Management of Chronic Illness II.** (2). § Sp.

Prerequisites: N222A, N246, N247, N247.02A, & N247.02B, or instructor approval. Lecture 2 hours. E. Monasterio  
Course presents the clinical management of patients and families across the lifespan with selected chronic illnesses. Expanded content in cardiorespiratory, endocrine, and musculoskeletal conditions is emphasized, and content builds on existing knowledge of anatomy, physiology and pathophysiology. FAM HLTH

**223A. Symptom Research Proseminar.** (2) § F. Prerequisites:

Symptom Management Trainee or consent of instructor. Seminar 2 hours. J. Humphreys, S. Rankin

Course focuses on theories and research related to symptom perception and evaluation. INTERDEPART

**223B. Symptom Research Proseminar.** (2) § W. Prerequisites:

Symptom Management Trainee or consent of instructor. Lecture 2 hours. S. Janson

Course focuses on theories and research pertinent to symptom management strategies and therapeutics. Research on salient interventions are critiqued across symptoms and research design, methods, implementation and analysis. INTERDEPART

**223C. Symptom Research Proseminar.** (2) § Sp. Prerequisites:

Symptom Management Trainee or consent of instructor. Lecture 2 hours. J. Faucett, V. Carrieri-Kohlman

Course focuses on symptom outcomes. Biopsychosocial and economic outcomes related to the symptom experience/management strategies are discussed, measurement issues are presented with discussion of validity and reliability issues, and research studies related to these variables are criticized. INTERDEPART

**225. Cardiac Rhythm: Theory & Analysis.** (2) § W. Prerequisites:

Consent of instructor. Lecture 2 hours. B. Drew

Cardiac electrophysiology in normal and pathological states and the scientific base for nursing's response to cardiac arrhythmias. Content includes: theory and research on the mechanisms, diagnosis, electrocardiographic monitoring, treatment of cardiac arrhythmias, and use of the electrocardiogram for nursing research. PHYSIOL NURS

**226. Managed Care: Clinical Implications.** (1) § W. Prerequisites:

Concurrent enrollment in S222 (Health Care Economics & Policy). Seminar 1 hour. N. Stotts



Course examines the impact of managed care systems on patient care services across health care settings. Emphasis will be placed on the roles and functions of clinical nurse specialists working with aggregates of patients/clients in managed care systems. PHYSIOL NURS

**227. Theories of Mental Illness.** (4) § Sp. Prerequisites: Consent of Instructor. Seminar 3 hours. Project 3 hours. S. Weiss

Course examines major biological and psychosocial theories of mental illness and their implications for understanding the etiology, onset, course and treatment of selected psychiatric conditions. Neuro-biological, genetic, cognitive-behavioral, psychodynamic, humanistic and stress-diathesis models will be addressed. COMM HLTH SYST

**228. Concepts in Nursing Practice.** (2) § W. Prerequisites: None. Lecture 2 hours. V. Carrieri-Kohlman

Course examines selected clinical concepts from their scientific and theoretical basis. Theoretical issues related to the application of the concepts across settings and life span will be addressed. Students will be introduced to a process of concepts analysis. PHYSIOL NURS

**229. Philosophy of Nursing Science.** (3) § W. Prerequisites: Doctoral standing or consent of the instructor. Lecture 2 hours. Seminar 1 hour. P. Benner

Contemporary philosophic viewpoints on the nature of nursing science, addressing natural science, integrative science, and human science traditions and scientific integrity. PHYSIOL NURS

**230. Measuring Outcomes of Health Care.** (3) § F. Prerequisites: None. Lecture 3 hours. V. Carrieri-Kohlman

Course presents current approaches and methods for clinical effectiveness and outcomes evaluation. The influence of patient, provider, and organizational factors on clinical effectiveness and outcomes evaluation are critically analyzed. COMM HLTH SYST

**231A. Substance Use and Mental Illness.** (2) § Sp. Prerequisites: Enrollment in Psychiatric Master's Program or consent of instructor. Lecture 2 hours. B. Phoenix

Examines causes and consequences of substance use disorders among severely mentally ill adults. Examines service delivery models developed for harm reduction and to promote recovery among high-risk populations. Emphasis on culturally competent services for diverse groups. COMM HLTH SYST

**232. Clinical Pharmacology.** (1-2). § Sp. Prerequisites: Consent of instructor. Lecture 1-2 hours. J. Saxe

Course focuses on clinical application of pharmacology in the management of patients, including frequently prescribed drugs for the treatment of chronic diseases and minor acute illnesses across the life span. COMM HLTH SYST

**232.03. Geriatric Pharmacology.** (1) § W, Sp. Prerequisites: N232, N247, N270. Lecture 1 hour. C. Deitrich, R. Finley

Course focuses on the clinical application of pharmacology in the management of older adults in ambulatory and nursing home settings. Emphasis is on case discussions and student participation. PHYSIOL NURS

**232.04. Neonatal/Pediatric Pharmacology.** (2) § Sp. Prerequisites: None. Lecture 2 hours. N. Schapiro

Course provides systematic presentation of the clinical application of pharmacologic interventions commonly prescribed for healthy and sick infants and children in varied health care environments. Emphasis is placed on the integration of pharmacologic interventions as a component of advanced practice nursing. FAM HLTH

**232.05. Pharmacology in Acute Care.** (1) § Sp. Prerequisites: Acute Care Nurse Practitioner Student or consent of instructor. Lecture 1 hour. S. Kayser, J. Howie

Course provides theoretical basis for furnishing, administering and evaluating effects of drugs commonly prescribed to acutely/critically ill or injured patients, such as vaso actives, antibiotics regimes, analgesics and sedatives. Legal issues related to drug administration will be addressed. PHYSIOL NURS

**233A. AIDS Overview and Prev Strategies.** (3) § F. Prerequisites: None. Lecture 3 hours. C. Portillo

Course provides an overview of the AIDS epidemic and prevention of AIDS-prevention theories and ethical dilemmas are discussed. Emphasis is on prevention issues for different target populations, such as health care worker, injection drug users (IDUs), women, and children. COMM HLTH SYST

**233B. Pathophysiology of HIV/AIDS.** (3) § W. Prerequisites: None. Lecture 3 hours. C. Dawson-Rose

Course prepares nurses to provide scientific and empirically based care to HIV patients. Concepts related to HIV, virology, immunology, infectious diseases, oncology, and symptomatology are presented. Case studies used to provide exemplars and models of nursing care of persons with HIV/AIDS. COMM HLTH SYST

**233C. Issues in Hospice Care.** (3) § Sp. Prerequisites: Consent of instructor. Lecture 3 hours. C. Portillo

Course explores history, function, and models of hospice care. Supportive physical/psychosocial nursing interventions to promote symptom control and family coping during end-stage of life are covered with emphasis on AIDS. Research, legal, ethical issues and nursing implications are discussed. COMM HLTH SYST

**234. Program Development and Management.** (3) § W.

Prerequisites: None. Lecture 3 hours. C. Waters

Course provides content on program planning and financial analysis. Consideration is given to translating this knowledge and skills for clinical nurse specialists to utilize in a changing health care environment. COMM HLTH SYST

**235A. Child Mental Health Assessment.** (2) § F. Lecture 2 hours. S. Weiss

Course discusses assessment approach and diagnostic criteria for mental health problems occurring from infancy through adolescence. Child mental health status will be assessed across a spectrum of disorders through case studies. COMM HLTH SYST

**235B. Child Mental Health Counseling II.** (2) § W. Prerequisites:

N235A. Seminar 2 hours. S. Weiss

Course covers cognitive, behavioral, and gestalt theories of child mental health counseling. Theories of group counseling will also be examined, including methods based on play, activity, and interview. COMM HLTH SYST

**236A. Complementary Healing.** (3) § F. Prerequisites: None. Lecture

3 hours. C. Kelber, J. Sweet

Course provides the conceptual framework for understanding complementary approaches to health and healing, as well as holistic nursing practice. COMM HLTH SYST

**236B. Exploring Indigenous Healing.** (2) § W. Prerequisites: None.

Lecture 2 hours. C. Kelber

A survey course covering indigenous healing principles and practices, designed to enhance nursing practice in a variety of settings by increasing cultural sensitivity and awareness and offering exposure to indigenous healing practices. COMM HLTH SYST

**236C. Research in Complementary Healing.** (2) § Sp. Prerequisites:

Successful completion of N236A and N262A. Lecture 2 hours. S.

Janson

Course develops skills in research utilization and the critical review of current published research on complementary approaches to health and healing. COMM HLTH SYST

**236D. Complementary Healing in Nursing.** (3). § W. Prerequisites:

N236A, N236B, N236C. Restrictions: Enrollment is a) contingent on taking the prerequisites N236ABC and b) is limited to preserve a 1:2 faculty-student ratio to provide the necessary, intensive hands-on learning environment. Lecture 2 hours. Workshop/Field work 30 hours. J. Sweet

Course provides an in-depth exploration of complementary modalities within the scope of nursing practice and offers intensive workshop experiences in energy healing, imagery, and herbalism. Current practice standards and state of the science issues are addressed. COMM HLTH SYST

**237. Management of Human Lactation.** (2) § F. Prerequisites:

Enrollment in the School of Nursing or consent of instructor. Lecture 2 hours. A. Windom

Course provides an exploration of theories, concepts, and knowledge of human lactation management, encompassing the promotion of breast feeding and identifying barriers to successful lactation among diverse populations. FAM HLTH

**238A. Infant & Child Development.** (2) § W. Prerequisites: None.

Lecture 2 hours. C. Kennedy

Course covers major theories and research findings dealing with social, emotional, and cognitive development of the child from birth through school age. FAM HLTH

**238B. Adolescent Development.** (2) § Sp. Lecture 2 hours. S. Kools

Course explores relevant theory, literature, and research findings dealing with normal development during the adolescent period. FAM HLTH

**239A. Nutrition in Acute Care Patients.** (2) § F, W, Sp, Su.

Prerequisites: None. Independent module/guided study. N. Stotts  
Course focuses on examination of nutritional issues in acute care nursing practice. Guided study addresses biochemical bases of nutrition during maintenance, starvation, and hypermetabolism. The nutritional needs to selected patient populations and major therapeutic nutritional modalities are addressed. PHYSIOL NURS

**239.04. Nutritional Issues in Pediatric Nursing.** (1) § W.

Prerequisites: None. Restrictions: Concurrent enrollment in N404.02.  
Seminar 1 hour. P. Jackson

Course is designed to explore selected topics related to pediatric nutrition. Guided study and discussion will focus on clinical assessment, diagnosis, and management of common nutritional problems in children. FAM HLTH

**239.07. Neonatal & Infant Nutrition.** (2) § W. Prerequisites: None.

Lecture 2 hours. M. Lynch

Course focuses on exploration of selected nutritional issues that impact on growth and development for healthy and sick neonates and infants. Analysis of the scientific literature and clinical outcomes related to nutritional interventions will be addressed. FAM HLTH

**240.01. Biomarkers I.** (2) § F. Prerequisites: Doctoral enrollment or by permission of instructor. Seminar 2 hours. M. Dodd

Course addresses models of biobehavioral markers in health and disease with a focus on stress-coping and immune function. Students examine the process of selecting appropriate markers and using them to assess the effect of interventions on underlying processes and mechanisms. PHYSIOL NURS

**240.02. Biomarkers II.** (2) § W. Prerequisites: Doctoral enrollment or by permission of instructor. Seminar 2 hours. M. Dodd

Course addresses models of biobehavioral markers in health and disease with a focus on gene expression. Students examine the process of selecting appropriate markers and using them to assess the effect of interventions on underlying processes and mechanisms. PHYSIOL NURS

**240.03. Research in Grief & Bereavement.** (2) § Sp. Prerequisites:

None. Seminar 2 hours. B. Davies, C. Portillo

Course discusses issues relevant to the experience of grief and the study of bereavement across the life span. Theories pertinent to the study of grief and bereavement and research are critiqued for their contribution to the development of bereavement interventions and the creation of knowledge in this field. FAM HLTH

**240.04. Violence & Health.** (2) § F. Prerequisites: None. Seminar 2 hours. J. Humphreys, A. Alkon

Seminar focuses on family violence and its impact on health, family, and community. FAM HLTH

**240.05. Vulnerable Women & Their Well-Being.** (3) § W, Sp.

Prerequisites: None. Seminar 3 hours. D. Taylor

Course addresses the way gender interacts with multiple personal and environmental factors to affect women's health. Seminar participants

critically analyze the impact of women's activities on their health and well-being, including global strategies for improving the health of women, their families and communities. FAM HLTH

**240.06. Seminar on HIV/AIDS Prevention & Care.** (1) § F, W, Sp.

Prerequisites: None. Seminar 1 hour. W. Holzemer

Course focuses upon relevant research, theories, measurement, and strategies for investigating HIV/AIDS prevention and care. COMM HLTH SYST

**240.07. Seminar on Adherence.** (2) § Sp. Prerequisites: N209AB.

Seminar 2 hours. S. Janson, W. Holzemer

Course focuses on relevant theory, methods of measurement and research, and intervention strategies for investigating issues related to patient adherence. COMM HLTH SYST

**240.08. Advanced Child Developmental Science.** (2) § Sp.

Prerequisites: None. Seminar 2 hours. S. Weiss, S. Kools, C. Kennedy

Course will address advanced knowledge in developmental theory and methods as the context for research with infants, children and adolescents. Developmental sciences serves as the paradigm for examining research on physical and mental health during childhood. INTERDEPART

**240.09. Health Policy I.** (2) § F. Prerequisites: Doctoral enrollment or

by permission of instructor. Seminar 2 hours. C. Harrington

Course addresses models of health policy research with a focus on integrating health services research theory and methods. The students will examine different research models that address a range of health policy research questions and assess the policy outcomes. SOC BEH SC

**241. Dimensions of Advanced Practice Nursing.** (2) § F.

Prerequisites: None. Lecture 2 hours. D. Taylor

Course provides students the opportunity to define the social, political, legal, legislative, regulatory, and organizational factors that influence advanced nursing practice. PHYSIOL NURS

**241.01 Issues in Nurse Midwifery Practice.** (3) § Su. Prerequisites:

Enrollment in the midwifery program at UCSF/School of Nursing.

Seminar 3 hours. L. Ennis

Seminar focuses on a critical analysis of current issues in midwifery, including the context of practice, health policy, and patient education. FAM HLTH

**241.04. Professional Issues in Pediatric Nursing.** (2) § Sp.

Prerequisites: None. Restrictions: Concurrent enrollment in N404.02.

Seminar 2 hours. K. Duderstadt

Seminar is designed to enable students in the Advanced Practice Pediatric Nursing specialty to explore issues related to professional role development as an advanced practice nurse. FAM HLTH

**242. Occupational & Environmental Health Research Seminar.** (1-5)

§ F, W, Sp. Prerequisites: Consent of instructor. Seminar 1 hour; Field work 0-12 hours. J. Faucett, M. Gillen

Seminar focuses on design and practical implementation of research on factors at work and in the environment that affect community

health. Procedural, ethical, theoretical, and policy issues related to occupational health research will be discussed. Students and faculty will bring examples from their research for discussion and problem-solving. COMM HLTH SYST

**243.01. Family Therapies.** (3) § F, W, Sp. Lecture 3 hours. J. Norbeck, K. Shook

Course will examine theories of family therapies and their application in the practice of psychiatric nursing. A particular emphasis is on working with families of the seriously mentally ill. Family assessments and supportive, educational, and therapeutic interventions will be described and evaluated. COMM HLTH SYST

**243.02. Trends in Group Psychotherapy Modalities.** (2) § W, Sp.

Prerequisites: Psychiatric/Mental Health students or consent of instructor. Seminar 2 hours. J. Norbeck, K. Shook

Students will examine and discuss theories and practice of various group modalities in current use. COMM HLTH SYST

**245. Health Protection & Promotion.** (2) § W. Prerequisites: None.

Lecture 2 hours. G. Collins-Bride

Course emphasizes principles of individual health protection and promotion across the life span in advanced nursing practice. The examination of models of disease prevention, and health promotion for individual wellness in the context of the family, community, and culture is emphasized. COMM HLTH SYST

**245.01. Seminar in Adult Primary Care.** (1) § W. Prerequisites: N270, presently enrolled in N245, or consent of instructor. Seminar 1 hour. J. Sweet

Seminar is taken concurrently with N245 and provides the specialty content necessary for adult primary care nurse practitioners.

Application from N245 lectures will be made to the specialty area using case presentations and other relevant learning strategies.

COMM HLTH SYST

**245.02. Seminar in Family Primary Care.** (2) § W. Prerequisites:

Concurrent enrollment in N245. Seminar 2 hours. B. Hollinger

Seminar is taken concurrently with N245 to analyze and incorporate interventions in health protection and promotion particular to families.

Application from N245 will be made using case presentations and other relevant learning strategies. FAM HLTH

**245.03. Seminar in Gerontological Primary Care.** (1) § W.

Prerequisites: Concurrent course N245. Seminar 1 hour. L. Mackin

Seminar is taken concurrently with N245 and provides specialty content necessary for gerontological primary care nurse practitioners.

Application from N245 lectures will be made to the specialty area using case presentations and other relevant learning strategies.

PHYSIOL NURS

**245.04. Pediatric Health Promotion and Protection.** (2) § W.

Prerequisites: N270, N245, or concurrent enrollment in N245, or consent of instructor. Lecture 2 hours. N. Schapiro

Course provides exploration of theories, concepts and knowledge for comprehensive child health supervision, encompassing prevention

and health promotion. Emphasis placed upon parents as participants in assessment, decision making, and management of common health problems and normal developmental stresses in infancy, childhood, and adolescence. FAM HLTH

**245.05. Health Promotion in Acute Care.** (1) § W, Sp. Prerequisites: Concurrent enrollment in N245 or Acute Care Nurse Practitioner Student or consent of instructor. Lecture 1 hour. T. Rigney  
Course provides specialty content necessary for ACNPs to institute health promotion and maintenance activities in the care of stable hospitalized patients using clinical decision-making models. PHYSIOL NURS

**245.06. Seminar in Home Care.** (1) § W. Prerequisites: Concurrently with N245. Seminar 1 hour. C. Portillo  
Seminar is taken concurrently with N245 and provides the specialty content necessary for health promotion in home care. Application from N245 lectures will be made to the specialty area through reading and discussion. COMM HLTH SYST

**245.07. Infant Neuromotor & Neurobehavioral Development.** (2) § W. Prerequisites: None. Restrictions: Course must be taken in conjunction with N245 and N406. Lecture 2 hours. M. Lynch  
Course provides an exploration of scientific literature for health promotion strategies on growth and development for the healthy and sick neonate and infant. Special emphasis reflects neuromotor and neurobehavioral development of the infant with acute or chronic illness conditions. FAM HLTH

**246. Symptom Assessment & Management.** (3) § Sp. Prerequisites: N270, N245. Lecture 3 hours. L. Lommel  
Course introduces students to signs and symptoms of illness across the life span that are commonly encountered in ambulatory care. Symptoms and signs will be analyzed using a clinical decision-making model. FAM HLTH

**246.01. Seminar in Adult Primary Care.** (1) § Sp. Prerequisites: Completion of N270 and accompanying skills lab, N245 and related practicum. Seminar 1 hour. F. Dreier  
Seminar is taken concurrently with N246 and provides the specialty content necessary for adult primary care nurse practitioners in the areas of Adult, Adult Psychiatric and Occupational Health. Application from N246 lectures will be made to the specialty area using case presentations and other relevant learning strategies. COMM HLTH SYST

**246.02. Seminar in Family Primary Care.** (2) § Sp. Prerequisites: Concurrent enrollment in N246. Seminar 2 hours. B. Hollinger  
Seminar is taken concurrently with N246 and provides specialty content necessary for family primary care nurse practitioners. Application from N246 lectures will be made using case presentations and other relevant learning strategies. FAM HLTH

**246.03. Seminar in Gerontological Primary Care.** (1) § Sp. Seminar 1 hour. L. Mackin  
Seminar is taken concurrently with N246 and provides the specialty content necessary for gerontological primary care nurse practitioners.

Application from N246 lectures will be made to the specialty area using case presentations and other relevant learning strategies.

PHYSIOL NURS

**246.04. Seminar in Pediatric Primary Care.** (1) § Sp. Seminar 1 hour. P. Jackson

Seminar is taken concurrently with N246 and provides the specialty content necessary for pediatric primary care nurse practitioners. Application from N246 lectures will be made to the specialty area using case presentations and other relevant learning strategies. FAM HLTH

**246.06. Nurse-Midwifery Primary Care.** (1) § Sp. Prerequisites: Enrollment in Nurse-Midwifery Specialty and concurrent enrollment in N246. Seminar 1 hour. M. Mays

Seminar provides specialty content necessary for primary care nurse-midwives. Application from N246 lectures will be made using case presentations and other relevant learning strategies. FAM HLTH

**247. Complex Health Problems and Management.** (3) § F.

Prerequisites: N270, N245, N246, and enrollment in Family Nurse Practitioner, Adult Nurse Practitioner or Geriatric Nurse Practitioner Program, or consent of instructor. Lecture 3 hours. L. Capalini  
Course introduces the more complex health problems encountered in primary care. Client's clinical presentation, underlying causes and appropriate treatment are discussed. Separate specialty track seminars permit elaboration of problems as they occur in the specialty. COMM HLTH SYST

**247.01. Seminar in Adult Primary Care: Complex Health Problems.**

(2) § W. Prerequisites: N270, N245, N245.01, N246, N246.01, N247. Seminar 2 hours. J. Saxe

§ Seminar provides the opportunity to enhance clinical problem-solving abilities through case study analysis and provides the specialty content necessary for Adult Primary Care Nurse Practitioners. COMM HLTH SYST

**247.02A. Seminar in Family Primary Care.** (3) § F. Prerequisites:

Completion of N246 and concurrent enrollment in N247. Seminar 3 hours. Project 1 hour. E. Scarr, E. Monasterio

Seminar is taken concurrently with N247 and provides the specialty content necessary for Family Nurse Practitioners. Application from N247 lectures will be made to the specialty area using case presentations and relevant learning strategies. FAM HLTH

**247.02B. Seminar: Advanced Family Primary Care.** (2) § W.

Prerequisites: N270, N245, N245.02, N246, N246.02, N247, N247.02A, N279, N271.02 or consent of instructor. Seminar 2 hours. Staff  
Advanced specialty seminar to extend knowledge of the varied scope of problems in family primary care. Advanced skill training in case presentation and management that represents integration of prior theoretical and clinical coursework. FAM HLTH

**248. Group Independent Study.** (1-6) § F, W, Sp. Prerequisites:

Consent of instructor. Lecture 1-6 hours. Staff

Students collaborate in clinical investigations and other studies of special problems in nursing and health sciences under the direction of



faculty. Students may select areas related to their long-term interests and future research or clinical program. INTERDEPART

**249. Independent Study.** (1-5) § F, W, Sp. Prerequisites: Consent of instructor. Lecture 1-5 hours. Staff

Student undertakes an individual study with emphasis on special problems in nursing. Students may select an area of study which is related to his/her area of interest or future goals. INTERDEPART

**250. Research.** (1-8) § F, W, Sp. Prerequisites: Admission to doctoral study and consent of instructor. Staff

Course offers students an opportunity to engage in research with selected faculty. INTERDEPART

**252. Current Concepts in Home Care.** (3) § F. Prerequisites: None. Lecture 3 hours. C. Portillo

Course provides historical perspective on home care and introduces the current home care environment. Current concepts related to the care of the individual are introduced using the Georgetown Home Health Care Classification System. COMM HLTH SYST

**252B. Advanced Practice Issues/Home Care.** (3) § W. Prerequisites: N252. Lecture 3 hours. C. Portillo

Course examines theoretical approaches and strategies for clinical effectiveness for patient/family and aggregate levels in home care settings applicable to the advanced practice home care nurse role. COMM HLTH SYST

**253. Theories of the Policy Process.** (3) § F. Prerequisites: None. Seminar 3 hours. R. Malone

Course focuses on learning and using theories of the policy process, including analyzing how health policy problems are constructed. Perspectives on agenda setting, media roles, advocacy, policy innovations, diffusion and implementation will be integrated with examples of policy problems. SOC BEH SC

**254.01. Neonatal/Infant Physio/Patho.** (3) § Sp. Prerequisites: None. Lecture 3 hours. M. Lynch

Course supports a comprehensive exploration of system development, physiologic function, and pathophysiological phenomena in the cellular/dermatologic, neurologic, and renal systems in the fetus, neonate, and infants. Clinical presentation, associated symptomatology and therapeutic management strategies will be discussed. FAM HLTH

**254.02. Neonatal/Infant Physio/Patho.** (3) § Sp. Prerequisites: None. Lecture 3 hours. M. Lynch

Comprehensive exploration of system development, physiologic function and pathophysiological phenomena in the cardiovascular, respiratory and gastrointestinal systems in the fetus, neonate and infant. Clinical presentation, associated symptomatology and therapeutic management strategies will be discussed. FAM HLTH

**255A. DX/RX of Acutely Ill/Injured I.** (3) § F. Prerequisites: N208AB, Acute Care Nurse Practitioner Student or consent of instructor.

Lecture 2 hours. Seminar 1 hour. J. Howie, R. Garbez

Course focuses on diagnosis and treatment of acute illness and injuries affecting body systems such as the cardiac, pulmonary and

central nervous systems. Seminar provides critical analysis of selected studies utilized to monitor and manage acutely ill/injured patients.

PHYSIOL NURS

**255B. DX/RX of Acutely Ill/Injured II.** (2) § W. Prerequisites: N208AB, Acute Care Nurse Practitioner Student or consent of instructor.

Lecture 2 hours. J. Howie, K. Puntillo

Course focuses on diagnostic criteria and treatment of clinical problems associated with acute illnesses and injuries such as pain, wounds and resuscitation. PHYSIOL NURS

**255C. Diagnostic & Therapeutic Lecture.** (2) § W. Prerequisites:

Acute Care Nurse Practitioner or Critical Care/Trauma student. Lecture 2 hours. R. Garbez, J. Howie

Course provides the content necessary to order and interpret selected diagnostic and therapeutic regimens necessary to make clinical inferences of diagnoses. PHYSIOL NURS

**256. Transitions & Health.** (3) § W, Sp. Lecture 3 hours. Course may be repeated for credit. J. Lipson

Course provides critical and analytical review of theories/research linking health of individuals, families and communities to relocations and transitions. Focuses on responses/coping with situational/developmental/health-illness/socio-cultural/organizational transitions. Critique focuses on research conceptualization/methods in transitions and evaluation of research utilized in clinical/administrative practice.

COMM HLTH SYST

**257. Assessment/Management of Common Psychiatric**

**Symptoms.** (2) § F. Prerequisites: None. Lecture 2 hours. L. Chafetz

Course analyzes common signs and symptoms of psychiatric illness from a biopsychosocial perspective. The diagnostic process will be highlighted and symptom management will be discussed. COMM HLTH SYST

**257.01. Assessment/Management of Child Psychiatric Symptoms.**

(2) § F. Prerequisites: None. Seminar 2 hours. S. Kools, C. Kennedy

Course introduces students to common child/adolescent mental health symptom presentations/related conditions encountered by advanced practice pediatric nurses in primary care/specialty settings. Clinical presentation/underlying causes/appropriate management is discussed across the span of childhood along with impacts of parental mental illness. FAM HLTH

**258B. Family/Childbearing Phenomena.** (3) § W. Seminar 2 hours.

Project 3 hours. K. Lee

Course studies perinatal phenomena identified in national reports for their theoretical, practice, and research implications. Phenomena include prevention of low birthweight infants, contemporary stressors for childbearing families, cognitive model to assess cultural diversity in perinatal health care, and related legislation. FAM HLTH

**259.01. Women's Reproductive Health.** (1-2) § Sp. Lecture 2 hours.

P. Bernal de Pheils

Course provides exploration of theories, concepts, and knowledge necessary to maintain and promote women's health. Emphasis is on

application of current research regarding decision making and management of pregnancy, the interconceptional and perimenopausal periods, and collaboration with health team members. FAM HLTH

**259.02. Women's Health: Special Problems.** (2) § W. Prerequisites: None. Lecture 2 hours. P. Bernal de Pheils

Theory and management of biopsychosocial and cultural components of women's health and illness conditions across the lifespan.

Emphasis is placed on critical analysis of research and clinical management strategies applied to complex women's health and illness conditions. FAM HLTH

**259.03. Advanced Women's Health Seminar.** (2) § Sp. Prerequisites: Consent of instructor. Seminar 2 hours. J. Murphy

Course focuses on the assessment and management of complex women's health problems. These conditions are explored in the context of women and their families across the lifespan and include socio-cultural, professional and ethical issues. FAM HLTH

**259.04. Contraception in Primary Care.** (1) § F, W, Sp. Prerequisites: None. Self-paced module. J. Murphy

Course explores the complex and comprehensive contraception issues within the context of the family and community environment.

This self-paced module prepares the learner to counsel individuals and their partners in contraceptive decision making. FAM HLTH

**260A. Cultural Concepts in Health.** (2) § F, W. Lecture 2 hours. J. Lipson

Course covers basic concepts and issues in medical anthropology and cross-cultural nursing, focusing both on the research literature and clinical implications for nurses and other health care providers. COMM HLTH SYST

**260B. Culture and Child/Family Health.** (2) § F. Lecture 2 hours. I. Martinson

Course will focus on sociocultural factors such as race, ethnicity, gender, and class that impact children's health and family well-being.

Implications for advanced practice nursing and health policy for children and families will be considered. FAM HLTH

**260C. Global Health Issues.** (3) § Sp. Lecture 3 hours. J. Lipson, A. Meleis

Course examines selected world health issues in a framework of community-oriented primary health care. Focus is on global issues such as development, environment, nutrition, population, international organizations, and nursing roles in international health. COMM HLTH SYST

**260D. Latino Health and Culture.** (2) § F. Prerequisites: Consent of instructor. Restrictions: Enrollment to be determined by availability of practicum experience. Seminar 2 hours. P. Bernal de Pheils, P. Jackson

Seminar analyzes issues regarding the Latino culture, its inter-relationship to health, illness and immigrant status in preparation for experiencing nursing care in a Latin American country, and gaining understanding of the culture, health care issues, and health care delivery. FAM HLTH

**260E. Urban Health.** (3) § F. Prerequisites: None. Lecture 2 hours. Field work 3 hours. M. Cohen

Course analyzes, evaluates, and applies substantive knowledge related to selected health problems of vulnerable urban populations. Focuses on application of theory/research to policy development and practice. Field experiences will focus on at least one high-risk urban group. COMM HLTH SYST

**260F. Cultural Competency.** (2) § Sp. Prerequisites: None. Workshop. C. Bain

Course is designed to provide a variety of experiences using various strategies to enhance the student's understanding about the impact of culture upon clients' perception of health and the delivery of care. The course has been designed as an experiential and interactive workshop, through class discussions, group microteach exercises and role playing. Preparatory work will be based on the syllabus of required readings. COMM HLTH SYST

**260G. Disparities in Women's Health Care.** (2) § Sp. Prerequisites: Consent of instructor. Seminar 2 hours. H. Kennedy

Course will use socio-cultural and feminist constructs to examine issues of disparity in the health care of women and their families. The impact of these disparities will be examined from the multidimensional concepts of gender, power, and the environment as they influence the chance to achieve optimal health. FAM HLTH

**261. Mental Health Nursing and the Law.** (2) § W, Sp. Prerequisites: Enrollment in MS program in Psychiatric Nursing or consent of instructor. Lecture 2 hours. G. Gresham

Course reviews history and development of mental health legislation and decisional law in the U.S. and California. Explores current mental health laws as they relate to and influence the practice of psychiatric nursing in the public and private sectors. COMM HLTH SYST

**262A. Research Methods.** (2) § W. Prerequisites: None. Lecture 2 hours. A. Alkon

Course provides advanced research methods to understand research questions/hypotheses, sampling, study designs, and results. Utilization of research findings and interpreting findings to guide clinical practice are emphasized. FAM HLTH

**262.01. Research Utilization.** (2) § Sp. Prerequisites: N262A. Lecture 2 hours. V. Carrieri-Kohlman, B. Drew

Course prepares students to critically evaluate published research, and to utilize research findings to guide practice, select interventions, evaluate outcomes, and identify problems to be addressed by future research. PHYSIOL NURS

**262.02. Family Research Utilization.** (2) § F. Prerequisites: N262A. Seminar 2 hours. T. Juarbe

Course focuses on the development of critical thinking skills related to utilization and evaluation of research findings in the area of family health. The scientific and practical merit of published research reports is evaluated for potential utilization in clinical practice. FAM HLTH

**262.03. Pediatric/Family Research Utilization.** (2) § F. Prerequisites: N262A. Seminar 2 hours. A. Alkon

Course provides advanced practice nurses with skills to utilize research related to pediatric/family health care. Research critique skills will focus on interpreting study methods, findings, conclusions, and clinical implications in relevant research articles. FAM HLTH

**262.04. Perinatal Research Utilization.** (2) § F. Prerequisites: N262A. Seminar 2 hours. K. Lee

Course focuses on development of critique skills for advanced practice nurses to use in evaluation and utilization of research findings in perinatal nursing practice. Study designs, measures, findings, and clinical implications of current relevant research will be explored. FAM HLTH

**264. Foundations of Nursing Knowledge.** (3) § W. Prerequisites:

Doctoral student or consent of instructor. Seminar 3 hours. A. Meleis  
Course analyzes historical trends in theoretical nursing in the U.S. and in selected other countries, and a critique of the dominant epistemological approaches that influenced the development and testing of theoretical knowledge in nursing. COMM HLTH SYST

**265. Cancer Prevention/Early Detection.** (2) § F. Prerequisites: None. Seminar 2 hours. N. Facione

Course provides in-depth examination of the cultural and economic issues surrounding cancer prevention and early detection, including: Equity of access to services, the criteria for evaluating community programs, populations at risk, and behavioral models to guide outreach. PHYSIOL NURS

**267.01 Ethical Issues in Nursing Practice.** (3) § W. Prerequisites: None. Seminar 3 hours. P. Benner

Course explores selected ethical theories including social ethics related to health care and nursing practice. Both institutional and broader health care policies related to ethical issues will be explored in light of virtue and social justice ethics. PHYSIOL NURS

**267.04. Neonatal/Ped Ethical Issues.** (2) § W. Prerequisites: None. Lecture 2 hours. K. Duderstadt

Course uses ethical theories and principles to explore conflict resolution in chronic, acute, and primary health care for infants, children, and adolescents. FAM HLTH

**269. Human Health & Nursing Systems.** (4) § F. Prerequisites: None. Seminar 4 hours. B. Drew

Course analyzes theoretical foundations and research issues underlying specific content areas in nursing science. Research in each specific content area is analyzed from the perspectives of the dimensions of nursing knowledge (health, illness, environment, therapeutics) and various units of analysis. FAM HLTH

**270. Advanced Health Assessment.** (2) § F, W. Lecture 2 hours. P. Jackson

Course introduces assessment concepts and skills to determine the health status of clients across the life span. Focuses on the collection and interpretation of clinical data derived from the history and physical exam. PHYSIOL NURS

**270.04. Pediatric Physical Assessment.** (2) § F. Prerequisites: None. Lecture 2 hours. K. Duderstadt

Course is designed to enhance and complement life span content from N270. Course focuses on pediatric specialty content. FAM HLTH

**270.07. Neonatal/Infant Assessment.** (2) § F. Prerequisites: Course content must be taken in conjunction with N406. Lecture 2 hours.

A. Carley

Course addresses concepts in advanced assessment utilized to determine the health status of neonates and infants. Discussion focuses on the collection and interpretation of clinical data derived from the history and physical exam and diagnostic interventions. FAM HLTH

**271.01. Decision Making in Adult Primary Care.** (3) § Sp.

Prerequisites: N246, N247, N247.01 or consent of instructor. Lecture 3 hours. C. Kelber, E. Hughes

Case studies of complex chronic illnesses are analyzed to delineate critical decision-making variables, which include the relevant pathophysiology, epidemiologic principles, and psychological/sociological variables that impact symptom disease expression, clinical management, and methods of coping. COMM HLTH SYST

**271.02. Special Problems in Family Primary Care.** (2) § W.

Prerequisites: N245, N246, N247, N270, N279 or consent of instructor. Seminar 2 hours. C. Chesla

Course explores complex health/illness problems as they occur in families. Complex assessment and management of patients and their families, across the life span, are discussed. FAM HLTH

**271.04. School Health & Nursing.** (3) § W. Prerequisites: School health focus or consent of instructor. Seminar 3 hours. N. Schapiro

Course explores contemporary school health issues, the interdisciplinary approach to the provision of school health services, including special education, the role of the Advanced Practice Nurse in the school setting, comprehensive school health program, and school health education. FAM HLTH

**271.06. Management of Clinical Occupational Health Problems.** (2)

§ W. Prerequisites: Consent of instructor. Lecture 2 hours. B. BURGEL  
Multidisciplinary course exploring the evaluation and clinical management of acute and chronic occupational and environmental health problems. Clinical diagnostic strategies and epidemiologic methods are used in evaluation of occupational health problems, including health hazards evaluations, surveillance and disability evaluation. COMM HLTH SYST

**272. Children with Special Health Needs.** (2) § W. Prerequisites:

N283ABC or consent of instructor. Lecture 2 hours. P. Jackson

Course provides the unique health care demands of vulnerable children with need for prolonged health support. The impact of the care giving environment, community, and care providers will be addressed in relation to the well-being of the child and family. FAM HLTH

**273A. Current Concepts in Occupational Health Nursing.** (2) § F.

Prerequisites: Consent of instructor. Lecture 2 hours. M. Gillen

Course analyzes the role of the Occupational Health Nurse in manag-

ing an Occupational Health Service within a changing regulatory and fiscal environment. Emphasis is on planning, development, and evaluation of occupational health programs. COMM HLTH SYST

**273B. Issues in Occupational Health.** (1) § Sp. Prerequisites:

Consent of instructor. Seminar 1 hour. J. Faucett, B. Burgel

Course focuses on the process and outcomes of developing federal and state policies and regulations for occupational health and safety. COMM HLTH SYST

**274A. Health and Safety Hazards/Workplace.** (4) § Sp.

Prerequisites: Consent of instructor. Lecture 3 hours. Lab 3 hours. P. Quinlan

Course introduces principles of industrial hygiene and safety for identification of chemical, biologic, physical, ergonomic, and safety hazards at work. Student will identify environmental monitoring methods, select health surveillance and safety measures, and discuss methods of control exposures and injuries. COMM HLTH SYST

**274B. Factors in Injury Control.** (2) § F. Prerequisites: Enrollment in Occupational Health Program or permission of instructor. Seminar 2 hours. J. Faucett

Course describes and discusses political, sociocultural, organizational, interpersonal, and individual factors affecting injuries, injury control, and work re-entry. Students will learn how the principles of risk communication and adult learning may be applied in occupational health programs. COMM HLTH SYST

**274C. Occupational Safety.** (2) § F. Prerequisites: Consent of instructor. Lecture 2 hours. B. Plog

Course emphasizes identification of safety hazards of work; components of an injury/illness prevention program; principles of hazard control and accident investigation; essentials of safety inspections and audits; application of safety inspection methods and ergonomic job analysis. COMM HLTH SYST

**274D. Farmworker Primary Health Care.** (2) § F, Sp. Prerequisites: N 270. Lecture 2 hours. B. Hollinger

Course is an introduction to the diverse Western farmworker population and includes common health problems and the influence of socio-cultural factors and public policy on health systems. FAM HLTH

**276. Research Rotation.** (1-6) § F, W, Sp, Su. Prerequisites: Completion of first year of doctoral study and consent of advisor. Lab 3-18 hours. Staff

The student will participate in ongoing faculty research. This experience will contribute to the student's methodological or substantive expertise. INTERDEPART

**279. Family Nursing Theory and Practice.** (3) § F. Prerequisites: None. Lecture 3 hours. J. Humphreys

Course integrates empirical evidence of reciprocal family and health interactions with family theoretical and therapeutic concepts applicable to advanced nursing practice. FAM HLTH

**280.02. Evidence-Based Practice: Critical Care.** (2) § Sp.

Prerequisites: Current enrollment in ACNP Residency; ACNP student; or consent of instructor. Seminar 2 hours. N. Stotts

Seminar provides practice in clinical decision making related to critical care area of emphasis. Evidence-based literature and clinical case studies used to evaluate diagnostics and clinical therapies. PHYSIOL NURS

**281A. Nurse-Midwifery Management I.** (4) § F. Prerequisites:

Enrollment in Nurse-Midwifery specialty. Lecture 4 hours. R. Kaplan  
Course reviews and analyzes the etiology and management of selected conditions in normal pregnancy. The impact of pregnancy on the mother, baby and family will be emphasized. FAM HLTH

**281B. Nurse-Midwifery Management II.** (4) § W. Prerequisites:

Enrollment in Nurse-Midwifery specialty and completion of N281A and N282A. Lecture 4 hours. D. Anderson

Course reviews and analyzes the etiology and management of selected conditions during the intrapartum and postpartum periods. The impact of these periods on the mother, baby and family will be emphasized. FAM HLTH

**281C. Nurse-Midwifery Management III.** (4) § Sp. Prerequisites:

Enrollment in Nurse-Midwifery specialty and completion of N281AB and N282AB. Lecture 4 hours. S. Wiener

Course reviews and analyzes management of selected reproductive and gynecologic conditions from menarche through and beyond menopause. Methods of family planning are explored in depth. FAM HLTH



**281D. Nurse-Midwifery Management IV.** (3) § Su. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281ABC and N282ABC. Lecture 3 hours. L. Ennis  
Course reviews and analyzes selected conditions during fetal development and the early newborn period. Focus is on midwifery management of the fetus and newborn during pregnancy, at birth, and through early infancy period. FAM HLTH

**282A. Nurse-Midwifery Complications I.** (4) § F. Prerequisites: Enrollment in Nurse-Midwifery specialty. Lecture 4 hours. H. Cost  
Course reviews and analyzes selected complications of pregnancy in the antepartal period. The impact of the complications on the mother, baby and family will be emphasized. FAM HLTH

**282B. Nurse-Midwifery Complications II.** (4) § W. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281A and N282A. Lecture 4 hours. Staff  
Course reviews and analyzes selected complications of pregnancy in the intrapartum period. FAM HLTH

**282C. Nurse-Midwifery Complications III.** (2) § Su. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281AB and N282AB. Lecture 2 hours. L. Ennis  
Course reviews and analyzes complicated reproductive and gynecologic conditions requiring advanced management skills. FAM HLTH

**282D. Nurse-Midwifery Complications IV.** (2) § Su. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281ABC and N282ABC. Lecture 2 hours. M. Lynch  
Course reviews and analyzes selected complications of the fetal and neonatal periods. FAM HLTH

**283A. Pediatric Physiologic Development.** (3) § W. Prerequisites: None. Lecture 3 hours. M. Lynch  
Course studies major organ system function as modified by developmental needs and system immaturity in the infant, child, and adolescent. Implications for advanced practice pediatric nursing interventions will be addressed in relation to health promotion and illness prevention. FAM HLTH

**283B. Common Pediatric Pathophysiology & Clinical Management.** (2-3) § Sp. Prerequisites: None. Lecture 3 hours. M. Lynch  
Course will provide a conceptual approach to examine common pediatric pathophysiologic phenomena observed in varied caregiving environments and across the illness continuum. The interrelationships of human responses, clinical manifestations, and therapeutic interventions will be discussed. FAM HLTH

**283C. Complex Pediatric Pathophysiology & Clinical Management.** (3) § F. Prerequisites: N283AB. Lecture 3 hours. M. Lynch, K. Duderstadt  
Course will provide a conceptual approach to examine complex acute and chronic pediatric pathophysiologic phenomena observed in varied caregiving environments in infants, children, and adolescents. The interrelationships of human responses, clinical manifestations, and therapeutic interventions will be discussed. FAM HLTH

**284. Introduction to Radiology.** (1) § Sp. Prerequisites: None. Restrictions: School of Nursing Nurse Practitioner student. Web-based module. C. Kelber

Web-based course provides an overview of radiological terminology and a basic understanding of the use of various diagnostic imaging methods in primary care across the lifespan. COMM HLTH SYST

**285A. Qualitative Methods I.** (5) § F. Prerequisites: Second-year doctoral student. Seminar 3 hours. Field work 6 hours. Staff

Course reviews many of the types of qualitative research methods, emphasizing assumptions, approaches. Focus on design, entree, ethics, data-gathering techniques (interviewing, observing) data recording and management. Introduction to data analysis. INTERDEPART

**285B. Qualitative Methods II.** (5) § W. Prerequisites: N285A and second-year doctoral student. Seminar 3 hours. Field work 6 hours. Staff Course compares and contrasts modes of qualitative analysis.

Examines issues in establishing plausibility, credibility, adequacy. Intensive data analysis and examination of the problems of presentation of findings with focus on questions of authority and preparation of text. INTERDEPART

**285C. Interpretive Phenomenology.** (2) § Sp. Prerequisites:

Philosophy courses in phenomenology (may be acquired outside UCSF and also with the consent of the instructor) and N285A&B (Qualitative Methods I&II). Seminar 2 hours. P. Benner

Course describes, explains, and demonstrates interpretive phenomenological research. Students generate, present, and critique interpretive commentaries of shared texts. Readings in interpretive methods and exemplary interpretive research are assigned weekly. INTERDEPART

**286A. Research in Stress & Coping.** (3-4) § W. Prerequisites:

Consent of instructor or doctoral-level theory development. Lecture 3 hours. Contract for 1 unit for proposal development (optional). P. Benner

Course critically analyzes the relationship of stress and coping to health and illness. Examines theoretical and empirical links between coping strategies and therapeutic interventions. Emphasis is on research programs. PHYSIOL NURS

**287A. Health Systems Management.** (4) § F. Prerequisites: None. Seminar 1 hour. Lecture 3 hours. C. Waters

Course includes a comprehensive examination of organizational systems including theory and research, behavior of organizations and behavior of individuals and groups within organizations, intra and inter organizational restructure/redesign or work processes using change theory, and project design and management. COMM HLTH SYST

**287B. Workforce Management.** (3) § W. Prerequisites: None. Lecture 3 hours. J. Seago

Course critically analyzes management and personnel theories relative to employer-employee relations in health organizations. Emphasis is on labor movement, labor legislation and regulation, contract negotiations,

conflict resolution and grievance procedures, working relationships, human capital and development, and leadership. COMM HLTH SYST

**287C. Strategic Marketing Management.** (3) § Sp. Prerequisites:

None. Lecture 3 hours. C. Waters

Course includes a comprehensive examination of strategic marketing theories and research. Emphasis is placed on organizational planning, creation of business plans and financial feasibility both inside and outside the organization, market research, development of joint ventures and multi-institutional projects. COMM HLTH SYST

**287D. Financial Management for Nurse Administrators.** (3) § W.

Lecture 3 hours. J. Seago

Course offers introduction to financial accounting principles as they relate to financial management in health care settings. Emphasis is on the manager's role and responsibilities in budgeting, monitoring, controlling, and in costing nursing care. COMM HLTH SYST

**287E. Advanced Financial Management.** (4) § Sp. Prerequisites:

N287D; knowledge of Excel. Lecture 3 hours. Seminar 1 hour. J. Spetz

Course offers advanced financial management concepts including supply/demand models, working capital, financial structure, cost of capital, costing and valuation. Includes both financial theory and policy emphasizing comparisons of integrated, profit/not-for-profit, and public/private health systems. COMM HLTH SYST

**287F. Clinical Research Management.** (3) § W. Prerequisites: None.

Lecture 3 hours. M. White

Course provides an overview of clinical research designs and the research process; the nurse's role in the conduct of research as a project/data manager and clinician; the sociopolitical climate in which research is conducted; and ethical issues in research among human subjects. COMM HLTH SYST

**287G. Data Management & Analysis.** (4) § W. Prerequisites: None.

Lecture 3 hours. Lab 3 hours. M. White

Course covers the basic concepts and methods of data management and data analysis, with practical experience in writing a plan for and carrying out a data analysis. COMM HLTH SYST

**287H. Clinical Research Management II.** (3) § Sp. Prerequisites:

None. Lecture 3 hours. C. Portillo

The role of Clinical Research Nurses in managing the conduct of research is analyzed. Emphasis is on roles and responsibilities involved in clinical research management through analysis and application of organizational, legal, and ethical concepts. COMM HLTH SYST

**288A. Management of Acutely Ill/Injured I.** (3) § F. Prerequisites:

Prior or concurrent enrollment in N208A and N208B or consent of instructor. Seminar 3 hours. K. Puntillo

Seminar provides a critical analysis of methods used to monitor and manage high-risk cardio-pulmonary-renal-neural dysfunction and to promote patient comfort. Through use of case studies, students analyze clinical data from multiple sources, make management decisions, and evaluate treatment outcomes. PHYSIOL NURS

**288B. Management of Acutely Ill/Injured II.** (3) § W. Prerequisites: Prior or concurrent enrollment in N208A, N208B, prior enrollment in N288A and/or consent of instructor. Seminar 3 hours. V. Carrieri-Kohlman

Seminar provides critical analysis of methods used to monitor and manage life threatening conditions such as sepsis/MODS, oncologic emergencies, and need for resuscitation. Through use of case studies, students analyze clinical data from multiple sources, make management decisions, and evaluate treatment outcomes. PHYSIOL NURS

**288C. Issues in Acute Care Advanced Practice.** (2) § W.

Prerequisites: Prior or concurrent enrollment in N208A, N208B or consent of instructor. Seminar 2 hours. G. Chan

Course provides critical analysis of issues and population-specific problems that confront Advanced Practice Nurses. Topics include family and aging issues, care delivery systems, ethical and socio-economic issues, violence and end-of-life issues. PHYSIOL NURS

**288D. Critical Care/Trauma Proseminar.** (1) § F, W. Prerequisites:

Enrollment in the Critical Care/Trauma Specialty. Seminar 1 hour. C. West  
Course introduces advanced practice roles in critical care and trauma settings overviewing the economic, political, legal, and professional influences on practice outcomes. PHYSIOL NURS

**288E. Advanced Practice in Trauma Nursing.** (2) § W. Prerequisites:

None. Lecture 2 hours. S. Barr, K. Puntillo

Course provides an interactive forum for review and discussion of evolving practices in emergency and trauma. Physical injuries, diagnostic modalities, management strategies, case vignettes, and pertinent issues are discussed and their theoretical and practical interactions are explored. PHYSIOL NURS

**288F. Exacerbations of Chronic Illness.** (3) § Sp. Prerequisites:

Acute Care Nurse Practitioner student or consent of instructor. Lecture 3 hours. K. Hauer

Course introduces complex medical disorders encountered in the inpatient setting. In didactic lectures and case-based discussion, the basic pathophysiology, clinical presentation, and management of chronic medical problems and their acute exacerbations will be presented. PHYSIOL NURS

**289A. Advanced Quantitative Research Methods I.** (3) § F.

Prerequisites: N209 and N212 or equivalent, B187 and doctoral student only. Lecture 2 hours. Lab 3 hours. R. Newcomer, E. Froelicher  
Course addresses theoretical basis of advanced quantitative methods. Fundamental issues of causality, and design issues pertinent to causality, are addressed using randomized clinical trials as models for experimental designs. Methods of sampling and issues in data collection and measurement are explored. PHYSIOL NURS

**289B. Advanced Quantitative Research Methods II.** (3) § W.

Prerequisites: N289A and doctoral student only. Lecture 2 hours. Lab 3 hours. R. Newcomer, E. Froelicher

Course covers continuing analysis of quantitative research methods including selected survey, longitudinal study designs. Focus compares

and contrasts research designs, proposes strategies for maximizing strengths of various designs. Explores fit of research questions, methods, and statistical approaches. Examples of methods include questions answered by time series analysis, life table and survival analysis. PHYSIOL NURS

**289.01 Advanced Methods: Meta-Analysis.** (2) § F. Prerequisites: Completion of first year of doctoral program. Lecture 2 hours. K. Lee  
Course will familiarize students with meta-analysis techniques for conducting integrative research review on a phenomenon of interest. Content includes an overview of meta-analysis techniques, issues and controversies, steps in conducting a meta-analysis, including effect sizes, and inter-rater reliability. FAM HLTH

**290. Family Theory/Research in Health.** (3) § F. Prerequisites: None. Restrictions: Doctoral student or consent of instructor. Seminar 3 hours. S. Rankin

Course presents and critiques theoretical perspectives and research approaches dominant in the study of family and health. Compatibility of theories and research approaches is examined. FAM HLTH

**292A. Physiology of Pregnancy.** (2) § W. Prerequisites: Consent of instructor. Conference .25 hours. Project 1.75 hours. K. Lee  
Course reviews and analyzes advanced physiology and pathophysiology of pregnancy and their impact on the maternal-fetal unit as a basis for nursing practice and research. Emphasis is on reproductive and endocrine systems affecting adaptation and development during pregnancy. FAM HLTH

**292B. Fetal & Neonatal Risk in Pregnancy.** (2). § W. Prerequisites: None. Lecture 2 hours. A. Carley  
Course addresses fetal and neonatal risks associated with complications of pregnancy. Application of research and clinical outcomes of complex pregnancy and fetal conditions and sequela are highlighted. FAM HLTH

**293A. Abstraction and Modeling I.** (3) § F. Prerequisites: None. Restrictions: Maximum number of students: 16-18. Lecture 3 hours. C. Mead

Course designed to introduce students to the use of visual models as essential tools for understanding complex systems. The course focuses on providing students with an introduction to object-oriented systems analysis, and a survey of the iconography of the United Modeling Language (UML). COMM HLTH SYST

**293B. Abstraction and Modeling II.** (3) § W. Prerequisites: N293A or consent of instructor. Restrictions: Maximum number of students: 16-18. Lecture 3 hours. C. Mead

Course provides students with an opportunity to enhance the knowledge engineering and visual modeling skills learned during N293A using more complex systems architectures. Students will learn to use Class Responsibility Collaboration (CRC) Cards and other requirements gathering processes to extract and visually model domain knowledge from domain experts. COMM HLTH SYST

**293C. Abstraction and Modeling III.** (3) § Sp. Prerequisites: N293A and N293B or consent of instructor. Restrictions: Maximum number of students: 16-18. Lecture 3 hours. C. Mead

Course increases a student's Unified Modeling Language (UML) reading and writing skills to the point where they can critically review both specific models and the literature regarding the application of UML to understanding complex healthcare systems. In addition, the course focuses on two aspects of advanced visual modeling: 1) The specification of model constraints (i.e., domain-specific Business Rules) using the UML's Object Constraint Language (OCL) and 2) the inclusion of known architectural "patterns." COMM HLTH SYST

**294A. Introduction to Human Genomics.** (1) § F. Prerequisites: Concurrent enrollment in N208A. Lecture 1 hour. C. Miaskowski, M. Mietus-Snyder

Course focuses on the principles of human genetics for nurses practicing in this specialty area. This course will provide an introduction to the genetics of cell biology, terminology, and the mechanisms of genetic inheritance. PHYSIOL NURS

**294B. Medical Genetics for Nursing.** (2) § W. Prerequisites: Concurrent enrollment in N208B. Lecture 2 hours. M. Engler, A. Toland  
Course focuses on the basic principles of human genetics. This course addresses the genetic mechanism of human diseases, scientific testing and prediction related to false positives and negatives, patterns of complete penetrance, variable expressivity, and the principles underlying gene therapy. PHYSIOL NURS

**294C. Advanced Practice Nursing in Genetics.** (3) § Sp. Prerequisites: N294A and N294B. Lecture 2 hours. Seminar 1 hour. N. Facione

Course surveys common genetic syndromes, relative risk assessment, screening and surveillance guidelines, and the educational and management needs of clients and their families related to the predisposition to genetic disease. Course focuses on the role of the clinical nurse specialist. PHYSIOL NURS

**294D. Ethics and Policy in Genetics/Genomics.** (3) § Sp.

Prerequisites: Foundational course work in clinical practice in Genomics Nursing or consent of instructor. Seminar 3 hours. P. Benner

Course explores ethics, philosophy and social policy of genetics research, screening, and therapeutic interventions. Using case-based discussions, students will explore the use of genetics in social policy in light of past, current and future research. Social and health care implications related to the understanding of human nature, informed consent, insurance, employment, emotional impact and predictive variability of genetic screening will be explored. PHYSIOL NURS

**294E. Topics in Genetics/Genomics.** (1) § Sp. Prerequisites:

Foundational course work in clinical practice in Genomics Nursing or consent of instructor. Seminar 1 hour. A. Clarke

Seminar will bring guest lecturers whose work is on the cutting edge of social, scientific, clinical and/or policy concerns regarding nursing

and genetics. Using clinical case examples, these seminar discussions will span the consideration of ethics and policy, privacy, discrimination, decision-making support, advocacy, access to services and cultural sensitivity. PHYSIOL NURS

**295A. Management of Older Adults.** (3) § F. Prerequisites:

Completion of N208AB or consent of instructor. Lecture 2 hours.

Seminar 1 hour. L. Macera

Course focuses on advanced practice nursing of older clients across care settings. Case studies, lectures, and discussions allow students to integrate pathophysiologic, pharmacologic, psychosocial, and ethical concepts and to analyze critical approaches to assessment and care. PHYSIOL NURS

**295B. Care of Older Adults.** (3) § W. Prerequisites: Completion of

N295A, N208AB or consent of instructor. Lecture 3 hours. L. Macera

Course focuses on advanced practice nursing of older clients across care settings. Case studies, lectures, and discussions allow students to integrate pathophysiologic, pharmacologic, psychosocial, and ethical concepts and to analyze critical approaches to assessment and care. PHYSIOL NURS

**295C. Case Studies in Geriatrics.** (2) § W. Prerequisites: N270, N245, N246, N247. Restriction: Must be concurrent with clinical residency in gerontological primary care. Lecture 1 hour. Seminar 1 hour. C.

Deitrich

Case studies of complex illness in older adults across settings are analyzed to refine critical decision-making skills in clinical and case management while utilizing the theory and practice of geriatrics and gerontology. PHYSIOL NURS

**297. Human Responses to Pain.** (2) § F. Lecture 2 hours. C.

Miaskowski

Course explores research related to physiological, psychological, and social responses to human pain; nursing implications for pain assessment; and management of acute and chronic painful conditions across the life span. PHYSIOL NURS

**298. Thesis or Comprehensive Exam.** (0) § F, W, Sp. Prerequisites:

Advancement to candidacy and permission of the graduate adviser.

Staff

For graduate students engaged in writing the thesis for the master's degree or taking a comprehensive examination required for the master's degree.

**299. Dissertation.** (0) § F, W, Sp. Prerequisites: Advancement to candidacy and permission of the graduate adviser. Staff

For graduate students engaged in writing the dissertation for the Doctor of Nursing Science (DNS) or Doctor of Philosophy in Nursing degree.

**404. Clinical Residency.** (4-12) § F, W, Sp. Prerequisites: Consent of instructor. Lab 12-36 hours. Staff

Student has opportunity to apply and evaluate theories, concepts, and skills in the work setting under the supervision of a preceptor. INTER-DEPART

**404.01. Adult Primary Care Clinical Residency.** (1-12) § F, W, Sp, Su. Prerequisites: N270, N245, N245.01, N246, N246.01 and consent of instructor. Seminar 1 hour. Clinic 3-36 hours. Staff

Course provides an opportunity to apply and evaluate theories, concepts, and skills in primary care under the supervision of a physician and/or nurse practitioner preceptor. COMM HLTH SYST

**404.02. Advanced Practice Residency.** (2-12) § Su, F, W, Sp.

Prerequisites: Consent of instructor. Patient contact 6-36 hours. Staff

Course provides student with the opportunity to apply and evaluate theories, concepts and skills under the supervision of a preceptor in one or more clinical practice settings. FAM HLTH

**404.05A. ACNP Residency I.** (2-8) § F. Prerequisites: Prior or concurrent enrollment in N255A, prior or concurrent enrollment in N288A,

ACNP student or consent of instructor. Clinic 6-24 hours. J. Howie Course provides a clinical experience in the role of ACNP. Focus is on decision making regarding diagnosis and treatment of patients with unstable cardio-pulmonary-renal problems commonly seen in acute/critical care clinical settings. PHYSIOL NURS

**404.05B. ACNP Residency II.** (2-8) § W. Prerequisites: Prior or concurrent enrollment in N255B, prior or concurrent enrollment in N288B,

ACNP student or consent of instructor. Clinic 6-24 hours. J. Howie Course provides a clinical experience in the role of ACNP. Focus is on decision-making regarding diagnosis and treatment of patients commonly seen in acute/critical care clinical settings with metabolic dysfunctions, infections, wounds, pain and needs for sedation and nutrition. PHYSIOL NURS

**404.05C. ACNP Residency III.** (4-8) § Sp. Prerequisites: Completion

of N255AB or consent of instructor. Clinic 12-24 hours. J. Howie Culminating clinical experience in the role of the ACNP, with emphasis on cardiopulmonary, critical care, or Emergency Department/ Trauma. Emphasizes the ACNP as principal provider of care, with a designated team, for a specific patient care environment or a specific patient population. PHYSIOL NURS

**405. Practicum in Mental Health & Com Nurs.** (1-8) § F, W, Sp.

Prerequisites: Consent of instructor. Lab 3-24 hours. Staff

Opportunity to apply theory in clinical practice to further develop skills and to extend clinical expertise in selected aspects of mental health and community nursing. Guided clinical laboratory experience is designed to develop mastery of advanced skills. COMM HLTH SYST

**406. Practicum in Family Health Care Nurs.** (1-8) § F, W, Sp.

Prerequisites: Consent of instructor. Lab 3-24 hours. Staff

Course provides student opportunity to apply theory in clinical practice to further develop skills and to extend clinical expertise in selected aspects of family health care nursing. Guided clinical laboratory experience is designed to develop mastery of advanced skills. FAM HLTH

**407. Practicum in Physiological Nursing.** (1-8) § F, W, Sp.

Prerequisites: Consent of Instructor. Lab 3-24 hours. Staff

Opportunity to apply theory in clinical practice to further develop skills and to extend clinical expertise in selected aspects of physiological



nursing. Guided clinical laboratory experience is designed to develop mastery of advanced skills. PHYSIOL NURS

**407.05. ACNP Health Promotion Practicum.** (1-6) § W. Prerequisites: Concurrent enrollment in N245 and N245.05. ACNP student or consent of instructor. Clinic 3-18 hours. T. Rigney, R. Garbez

This clinical course is designed to assist students to advance their history and physical examination skills while developing health promotion and maintenance skills for stable hospitalized patients using clinical decision-making models. PHYSIOL NURS

**407.07. ACNP Therapeutics Skills Lab.** (1) § Sp. Prerequisites: ACNP student or consent of instructor. Lab 3 hours. M. Hawk

In laboratory sessions and selected clinical settings, students develop psychomotor skills necessary for performance of invasive procedures, e.g., suturing and wound care. PHYSIOL NURS

**407.08. ACNP Chronic Illness Practicum.** (2-6) § Sp. Prerequisites: Concurrent enrollment in N246 and N246.05. ACNP student or consent of instructor. Clinic 6-18 hours. T. Rigney, R. Garbez

Clinical experience focuses on episodic/chronic health needs of hospitalized adults. Emphasizes diagnosis and management of chronic illnesses of patients e.g. those with diabetes, coronary artery disease, COPD, GI and GU problems, and infectious diseases. PHYSIOL NURS

**407.09. Skills Lab Clinical Practicum.** (1) § F. Prerequisites: ACNP student or consent of instructor; concurrent enrollment or completion of N270. Lab 3 hours. R. Garbez

Course provides the opportunity to apply theory in clinical practice to further develop skills and to extend clinical expertise in selected aspects of physiological nursing. Guided clinical laboratory experience designed to develop mastery of advanced skills. PHYSIOL NURS

**407.10. Clinical Practicum.** (1) § F. Prerequisites: ACNP student or consent of instructor; concurrent enrollment or completion of N270. Patient contact 3 hours. R. Garbez

Course applies health assessment concepts and skills under supervision of clinical preceptors. Performance of systematic health assessment of healthy adults, and/or adults with stable acute or chronic illness. Development of an increasing ability to differentiate between normal and abnormal findings. Beginning development of the role of the Acute Care Nurse Practitioner, with emphasis on the collaborative relationship, and the continuum of care from primary to tertiary settings. PHYSIOL NURS

**407.11. Venous Access Safety.** (1) § F, Sp. Prerequisites: Consent of instructor. Lab 1-2 hours. N. Donaldson, J. Pearl, M. Ryder

Course focuses on evidence-based principles that are the foundation for optimizing patient safety and outcomes related to appropriate venous access strategies, care and maintenance of vascular access devices, and management of complications associated with vascular access devices. PHYSIOL NURS

**434. Teaching Residency.** (4-12) § F, W, Sp. Prerequisites: Consent of instructor. Lab 12-36 hours. Staff Opportunity to apply and evaluate theories, concepts, and skills in the work setting under the supervision of a preceptor. INTERDEPART

**435. Consultation Residency.** (4-12) § F, W, Sp. Prerequisites:

Consent of instructor. Lab 12-36 hours. Staff

Opportunity to apply and evaluate theories, concepts, and skills in the work setting under the supervision of a preceptor. INTERDEPART

**436. Teaching Practicum.** (1-8) § F, W, Sp. Prerequisites: Consent of instructor. Lab 3-24 hours. Staff

Supervised practice in selected components of the teaching role in nursing. COMM HLTH SYST

**445. System Intervention in Pediatric Nursing.** (2) § Sp.

Prerequisites: None. Restrictions: Concurrent enrollment in N404.02 or consent of instructor. Clinic 6 hours. K. Duderstadt

Clinical experience focuses on program/process/practice assessment, planning, and intervention in (a) pediatric specialty setting(s) to improve client care processes within the setting and/or across setting boundaries. FAM HLTH

**467. Teaching Residency.** (1-3) § Su, F, W, Sp. Prerequisites:

Admission to doctoral study and consent of instructor. Lab 1-3 hours. Staff

Course offers students an opportunity to engage in teaching with selected faculty. INTERDEPART

**469. Management of Psychotropic Regimens.** (2) § Sp.

Prerequisites: None. Restrictions: Enrollment in Psychiatric Master's program or consent of instructor. Seminar 1 hour. Project 1 hour. L. Chafetz, P. Forster

Seminar in case conference format to develop clinical judgement about management of regimens for psychiatric symptoms. COMM HLTH SYST

**470. Administration Residency.** (2-12) § SS1, SS2, F, W, Sp.

Prerequisites: Completion of N287AB and N287D, each with a grade of B or higher, and consent of instructor. Lab 6-36 hours. Staff

Course provides opportunity to apply and evaluate theories, concepts, and skills in the work setting under the supervision of a preceptor. COMM HLTH SYST

**471. Practicum in Health Policy.** (1-8) § F, W, Sp, Su. Prerequisites:

N253, N262A, S228 and consent of instructor. Lab 3-24 hours. C. Harrington, R. Malone, R. Newcomer

Course provides an opportunity to learn hands-on policy and research analysis working with faculty on a policy or research project. Guided laboratory experience is designed to develop mastery in policy analysis or research. SOC BEH SC

**472. Health Policy Residency.** (2-8) § F, W, Sp, Su. Prerequisites:

N253, N262A, S228 and consent of instructor. Lab 6-24 hours. C. Harrington, R. Malone, R. Newcomer

Course provides an opportunity to apply and evaluate policy theories, concepts, and skills in health policy under the supervision of a health policy faculty member or preceptor in a health policy setting. SOC BEH SC

## NUTRITION

**249. Independent Study in Nutrition.** (1-4) § F, W, Sp. Prerequisites: None. Lecture 1-4 hours. Staff

Course is designed to focus on the exploration of selected nutritional issues in clinical nursing practice. Guided study will include analyses of scientific and popular nutrition literature, and identification and delineation of therapeutic approaches. FAM HLTH

## SOCIOLOGY

**201. Violence as a Health Problem in the United States.** (2-4) § W, Sp. Prerequisites: None. Lecture 2 hours. Lab 0-6 hours. H.

Pinderhughes

Course explores scope and etiology of violence in the United States. Discussion includes the links between different types of violence, examination of competing theoretical approaches to explain the courses of violence and different policy approaches to resolve and prevent violence. SOC BEH SC

**203. Illness Experience: Phenomenological Perspectives.** (2-3) § Sp. Prerequisites: None. Seminar 2 hours. Library Research 3 hours.

G. Becker

Course explores phenomenological approaches to illness experience, emphasizing cultural life course, experience of chronicity and disability, aging processes, and embodiment. Class discussion of readings and other material presented is the primary mode utilized to develop knowledge of the topic. SOC BEH SC

**205. Health Professions, Occupations, and Work.** (3) § W. Lecture 2 hours. Lab 3 hours. C. Harrington

Course examines the nature of occupations and professions; their constellation in hospitals and clinics, the medical division of labor, specialties and specialization, professional and occupational ideologies, the sociology of work relationships, careers. SOC BEH SC

**207. Sociology of Health & Medicine.** (3) § F. Seminar 2 hours. Lab 3 hours. C. Estes

Course introduces the student to classical perspectives in medical sociology and development of a critical perspective in the field to serve as a foundation for independent and advanced study in medical sociology. SOC BEH SC

**208. Social Psychology of Health & Illness.** (3) § W. Prerequisites: Required for doctoral students in sociology. Restriction: Doctoral-level students in nursing or sociology. Lecture 2 hours. Lab 3 hours. G.

Becker

Course examines the relationship of social class, ethnic identification, group membership, family structure, occupation, and life style to health and illness, and therapeutic interaction of lay persons and health professionals. SOC BEH SC

**209. Sociology of Power.** (2-4) § F, W, Sp. Prerequisites: A graduate-level sociological theory course. Restrictions: Doctoral students only. Lecture 2-4 hours. C. Estes

Course surveys the classical and contemporary sociological issues in theoretical and empirical work on power; explores underlying assump-

tions and paradigms emerging and reflecting a sociopolitical milieu. The student will analyze literature and debates on power structure research and theory. SOC BEH SC

**210. Proseminar in Health Policy.** (1) § F, W, Sp. Prerequisites: None. Seminar 1 hour. C. Harrington, R. Newcomer

Policy seminar to extend knowledge of the varied scope of health policy research and analysis. The focus will be on specific policy research, analysis and implementation strategies. SOC BEH SC

**212A. Sociological Theory: Classical.** (5) § F. Prerequisites: Doctoral students only. Lecture 2 hours. Lab 9 hours. B. Powers

Course examines and evaluates classical and recent contributions to sociological theory. The main objective is the generation of a critical capacity with respect to received theory in both its formal and substantive varieties. SOC BEH SC

**212B. Sociological Theory: Contemporary.** (5) § W. Prerequisites: S212A and must be a doctoral student. Lecture 2 hours. Research 9 hours. C. Estes

Course examines and evaluates contemporary contributions to sociological theory. The main objective is the generation of a critical capacity with respect to received theory in both its formal and substantive varieties. SOC BEH SC

**212C. Sociological Theory: Symbolic Interactionism.** (5) § Sp.

Prerequisites: S212AB or permission of instructor. Doctoral students only. Lecture 2 hours. Research 9 hours. A. Clarke

Course consists of readings and discussions on interactionist theory in sociology, with emphasis on the origins and development of the Chicago School of Sociology, as well as an examination of the link between philosophy of pragmatism and interactionism. SOC BEH SC

**218. Advanced Topics in the Socio-Analysis of Aging.** (2-4) § W.

Prerequisites: Consent of instructor. Lecture 2 hours. Lab 0-6 hours. G. Becker

Course is designed for doctoral students investigating advanced research issues preparatory to qualifying examinations. Topics to be analyzed will vary each year, but will be focused upon a specific area. Laboratory assignments are for research activities on special topics in the area of aging. SOC BEH SC

**219. Social Policy & Aging.** (2-4) § W, Sp. Prerequisites: Consent of instructor. Lecture 2 hours. Lab 0-6 hours. C. Estes

Course will provide a critical analysis of major social, economic and political issues of growing old in America; will examine social policy in the public and private sectors including health, income, and social services; and consider prospects for social change and political movements. SOC BEH SC

**220. Seminar in Sociology.** (1-3) § F, W, Sp. Prerequisites: None.

Restrictions: Doctoral students only. Lecture 1 hour. Lab 0-6 hours. V. Olesen

Doctoral student seminar to discuss methods and problems in current research. Course may be repeated for credit. SOC BEH SC

**221. Qualifying Examination.** (1-8) § F, W, Sp. Prerequisites: Completion of preliminary examinations. Open to Sociology students only. C. Harrington, C. Estes, A. Clarke, R. Newcomer, V. Olesen  
Course will offer preparation for the specialty area qualifying examination. SOC BEH SC

**222. Health Care Economics and Policy.** (3) § Sp. Prerequisites: None. Lecture 3 hours. C. Harrington  
Course provides a critical analysis of economic, sociological, and political factors that affect health care. Examines U.S. health policies that impact on access, quality, costs, delivery systems, professional practices, and reform. SOC BEH SC

**223. Perspectives on Public Policy.** (3) § F, W, Sp. Prerequisites: Consent of instructor. Lecture 2 hours. Lab 3 hours. H. Pinderhughes  
Course offers systematic overview of health policy in American government-its scope, dynamics, and conceptual and practical dilemmas. Students will become acquainted with major issues involved in formulating, financing, implementing, and assessing patterns of decision (i.e., policy) established by government. SOC BEH SC

**225. Health Care Institutions.** (2-5) § F, W, Sp. Lab 0-9 hours. Seminar 2 hours. R. Newcomer  
Course examines formal organizational theory, structure, and processes for health care organizations. The focus is on how organizations function within the socioeconomic and political environment in the United States. SOC BEH SC

**226. Long Term Care Policies.** (2-3) § F. Prerequisites: None. Seminar 2 hours. Project 3 hours. C. Harrington, R. Newcomer  
Course addresses the way gender interacts with multiple personal and environmental factors to affect women's health. Seminar participants critically analyze the impact of women's activities on their health, and well-being including global strategies for improving the health of women, their families and communities. SOC BEH SC

**230. Sociocultural Issues in AIDS.** (2-3) § W. Seminar 2 hours. Project 3 hours. C. Harrington, R. Eversley, A. Leblanc  
Course examines the history and social psychology of AIDS in relation to health, illness, disease, and death. Includes demographic trends, the cost burden, and special problems of minorities, women, and caregivers, along with policy issues. SOC BEH SC

**233. Sociology of Aging.** (3) § W, Sp. Lecture 2 hours. Lab 3 hours. P. Fox, S. Kaufman  
Course reviews theories of aging including a review of theories of aging, current and historical trends in aging, factors related to aging, effects of aging on individuals and families, and formal and informal service systems for an aging population. SOC BEH SC

**234. Introduction to Geriatrics and Aging.** (2-3) § F, W, Sp. Lab 3 hours. Seminar 1-2 hours. G. Becker, S. Kaufman  
Course examines health status of the aged in the United States in light of relevant biological, behavioral, sociocultural, and political factors. Topics relevant to health care professionals working with the elderly will be discussed. SOC BEH SC

**235. Tobacco Control Policy Issues.** (2-3) § Sp. Prerequisites: None. Seminar 2 hours. Project 3 hours. R. Malone

Course focuses on issues and evolution of tobacco control policies in the United States and internationally. Lectures and readings in the history of tobacco control will prepare students to engage in weekly discussions and case studies of particular tobacco control policies. SOC BEH SC

**236. Race/Class Factors in Health Care Delivery.** (3) § F, W, Sp. Prerequisites: Consent of instructor. Graduate standing. Lecture 2 hours. Lab 3 hours. H. Pinderhughes

Course examines racial and class membership impact on access to health care services, variations in the quality of those services, and how professional and subprofessional roles in the health care system are organized along racial and class lines. SOC BEH SC

**238. Feminist Theory.** (2-4) § F, W, Sp. Prerequisites: Some background in social theory. Doctoral students only. Lecture 2 hours. Field work 0-6 hours. V. Olesen

Course provides in-depth overview and examination of 20th-century feminist theories from sociology, anthropology, and interdisciplinary perspectives. Emphasis is on current contributions and debates, with attention to relations between feminist theories and issues for research in women's health and healing. SOC BEH SC

**239. Evaluation Research Methods.** (3) § F, W, Sp. Prerequisites: Sociology 214A and 214B. Non-doctoral students may enroll upon approval of instructor. Lecture 2 hours. Lab 3 hours. R. Newcomer  
Course analyzes field work as evaluation method, as applied to health care settings and programs, contrasting this approach with quantitative methods predicated on analysis of outcomes. Conduct of such evaluative research, and relationship with audiences, such as policy-makers, analyzed. SOC BEH SC

**240. Older Women's Issues.** (2-4) § F, W. Lab 0-6 hours. Seminar 2 hours. C. Estes

Course analyzes postmenopausal women's socioeconomic status and changing social roles. Topics include demographic issues, economic trends, individual social and health status, policy implications for individuals and society. SOC BEH SC

**241. Women, Work & Health.** (2-4) § F. Seminar 2 hours. Optional project for additional units. J. Weinberg

How sociocultural systems place women in work roles, the implications for their health, their part in illness prevention and care of the sick. Analyzes "hidden careers," work and health in developing societies, relationship between work and morbidity-mortality patterns. SOC BEH SC

**242. Women's Health: Research.** (2-4) § Sp. Prerequisites: One or more women's health courses and one survey course in social research methods or social epidemiology. Seminar 2 hours. Optional project for additional units. Staff

An advanced survey of quantitative research methods in analysis of women's health issues. Will focus on data sources, design types, evaluation methods, data analysis, and proposal and report writing.

Exploration of current research controversies. SOC BEH SC

**243. Qualitative Research in Women's Health.** (2-4) § W.

Prerequisites: One or more women's health courses and one course in qualitative methods. Doctoral students only. Seminar 2 hours. Optional project for additional units. V. Olesen

An advanced survey of qualitative research methods in analysis of women's participation in health and healing systems. Will review epistemological assumptions, analytic strategies, design and modes to assure credibility, plausibility. Will focus on data sources and analysis of data. SOC BEH SC

**244. Advanced Methods for Survey Analysis.** (3) § Sp. Prerequisites:

Introductory statistics through multivariate analysis. Lecture 2 hours.

Lab 3 hours. M. LaPlante

Course teaches analytical methods to analyze large, complex, multi-stage stratified cluster sample surveys, i.e., National Health Interview Survey, Current Populations Survey, health/demographic surveys. Covers sampling theory for multi-stage stratified cluster samples and applied instruction in using appropriate software (SUDAAN). SOC BEH SC

**245. Gender and Science.** (3) § Sp. Seminar 3 hours. A. Clarke

Course is a study of historical and contemporary issues in the social construction of biological and medical sciences, epistemological problems, and feminist perspectives. Focus is on impact of gender on scientific work and includes scientific constructions of gender and women's careers in science. SOC BEH SC

**246. Communications & Policy Leadership.** (2) § Sp. Prerequisites:

None. Seminar 2 hours. R. Malone

Course focuses on developing students' skills in various types of policy-relevant communications and leadership across different policy venues. SOC BEH SC

**248. Group Independent Study.** (1-4) § F, W, Sp. Prerequisites:

Consent of instructor. Seminar 1-4 hours. Staff

Groups of two or more students select special problems to investigate on a collaborative basis. These studies may be conducted through readings, the collection or analysis of empirical data, or the development of conceptual analysis or of methodologies. SOC BEH SC

**249. Special Studies.** (1-8) § F, W, Sp. Prerequisites: Consent of

instructor. Staff

Students select special problems to investigate on an individual or collaborative basis. These studies may be conducted through readings, the collection or analysis of empirical data, or the development of conceptual analysis or of methodologies. SOC BEH SC

**251. Women's Health: Sociocultural.** (2-4) § Sp. Prerequisites:

Consent of instructor. Lab 0-6 hours. Seminar 2 hours. Staff

Exploration of relationship between culture and health for women in non-Western societies. Effects of modernization and migration on uti-

lization of traditional and cosmopolitan health care and on women's roles as providers will be discussed, and contemporary controversies will be analyzed. SOC BEH SC

**252. Women's Health: Socio-Historical.** (2-4) § W. Prerequisites: Consent of instructor. Lab 0-6 hours. Seminar 2 hours. A. Clarke  
Sociological analysis of women's health status, roles as providers and patients, and the development of medical ideas about women from a historical perspective. Emphasis on 19th- and 20th-century developments in industrialized societies. SOC BEH SC

**253. Sociology of Reproduction.** (2-4) § Sp. Lab 0-6 hours. Seminar 2 hours. Offered in alternate years. Not offered 2002-2003. A. Clarke  
Course focuses on recent theoretical and substantive developments concerning female sexuality, birth control, population control, abortion, reproductive technologies, and pregnancy/childbirth. Examines race and class relations and concerns of the state, science, and medicine. SOC BEH SC

**254. Women's Health: Policy Issues.** (2-4) § W. Prerequisites: Consent of instructor. Lab 0-6 hours. Seminar 2 hours. Staff  
Consideration of factors in the emergence of issues in women's health and related policy. Perspectives on women as policymakers and the implementation of policy on women's health, participation in care and healing systems and access to training. SOC BEH SC

**256. Introduction to Survey Research.** (3) § Sp. Prerequisites: Biostatistics 183 and 185AB or equivalent. Restriction: Doctoral level; non-doctoral students may enroll upon consent of instructor. Lecture 2 hours. Lab 3 hours. R. Newcomer

Course introduces sample theory, sample development, and methods of survey research. Course provides rudimentary skills for those conducting their own research and large field surveys. SOC BEH SC

**257. Minority Health and Aging.** (2-3) § F, Sp (offered once yearly). Not offered 2002-2003. Lecture 2 hours. Field work 0-3 hours. G. Becker  
Course explores the diversity of racial and ethnic variation and examines the health and aging experience of minority elderly within the context of families, communities, and the nation. SOC BEH SC

**260. Policy and Politics of Health.** (2-5) § W, Sp. Lecture 2 hours. Field work 0-9 hours. C. Harrington  
Course examines health care policy and politics in terms of historical and contemporary issues related to access, quality, and cost. Organizational, financing, and labor market issues are included, along with strategies for social change. SOC BEH SC

**271. Professional Issues Seminar.** (1) § F, W, Sp. Restriction: Doctoral students in Sociology or consent of instructor. Seminar 1 hour. R. Newcomer  
Seminar addresses professional and career issues for sociologists, including teaching, research, writing for publication, and presentation of papers at professional meetings. Focuses on career and educational planning, résumé development, internships, mentorships, and job interviews. SOC BEH SC



**272. Dissertation Research Seminar.** (1-3) § F, W, Sp. Restriction: Doctoral students in Sociology or consent of instructor. Seminar 1 hour. Lab 0-6 hours. S. Kaufman

Course addresses logic of research design and execution for students. Clarification of research question, delineation of work plan, and orientation to relevant theoretical literature or empirical data available. SOC BEH SC

**273. Demography of Health and Aging.** (3) § W, Sp. Prerequisites: Consent of instructor. Lecture 2 hours. Lab 3 hours. M. LaPlante

Course provides an overview of demographic studies of morbidity, disability, and mortality. Sociodemographic variations and changes over time in health and mortality profiles of populations and the relationship of morbidity, disability, and mortality trends will be covered. SOC BEH SC

**276. Multidisciplinary Geriatric Assessment.** (1-3) § F, W, Sp. Lab 3-9 hours. G. Becker, S. Kaufman

Course provides clinical experience in multidisciplinary assessment for sociologists, nurses, physicians, and other clinicians. Course involves application of social, psychological, economic, and other factors in assessment. SOC BEH SC

**277. Seminar on Disability.** (1-3) § F, W, Sp. Prerequisites: Doctoral students. Lab 3 hours. Seminar 1-2 hours. M. LaPlante

Course covers social and medical models and theories of disability and handicap. Areas covered include definitions, utility of role theory, models of identification and causation, and social perspectives on disability policy. SOC BEH SC

**278. Sociology of Alcohol and Drugs.** (2-3) § F. Lab 0-3 hours. Seminar 2 hours. Offered in alternate years. Not offered 2002-2003. Fillmore

Course examines alcohol and drug use from multiple theoretical perspectives in various historical and cultural contexts. Examines the distribution of alcohol and drug use across and within societies and various policies and their consequences for the control and management. SOC BEH SC

**280. Meta-Analysis in Health Research.** (3) § F. Prerequisites: Basic research statistics and Research Methods (S270AB or N295). Lab 3 hours. Seminar 2 hours. Offered in alternate years. Not offered 2002-2003. K. Fillmore

Course introduces meta-analysis techniques and applications in health research, including research design, sampling and data collection, and analytical techniques and software. Uses examples from drug and alcohol studies, and other health care evaluation studies. SOC BEH SC

**281. Ethics and Law in Health Care.** (2-3) § W. Project 0-3 hours. Seminar 2 hours. J. Weinberg

Course provides an understanding of legal policy issues relating to health care in the U.S. Health care provision is profoundly affected by issues involving ethics/law/social policy. Students gain insights into ways ethical principles/legal decision/policy perspectives affect health care. SOC BEH SC

**282. Sociology of Science/Technology.** (2-4) § W. Lab 0-6 hours. Seminar 2 hours. Offered in alternate years. Offered 2002-2003. A. Clarke

Course examines early functionalist and Marxist theories, Kuhn's work, social constructionist, ethnomethodological, interactionist, neo-functional, critical, and neo-Marxist perspectives. Focuses on laboratory, controversy, technological, and representational studies and organization and funding. Links history and philosophy. SOC BEH SC

**283. Selected Topics/Health Economics.** (2-3) § W. Prerequisites: S262 (Health Care Economics). Lab 0-3 hours. Seminar 2 hours. R. Miller

Course examines selected topics in health care economics, with attention to basic economic theory of supply and demand for health care services and health insurance. Includes national health insurance proposals and the Canadian health care system. SOC BEH SC

**284. Health Care Economics.** (4) § W. Prerequisites: None. Seminar 3 hours. Project 3 hours. W. Max

Course examines basic economic theory as applied to the health care sector. This will include the structure of health care service and labor markets and the analysis of critical economic and cost issues relevant to public policy. SOC BEH SC

**285A. Qualitative Methods I.** (5) § F. Prerequisites: Second-year doctoral students. Seminar 3 hours. Field work 6 hours. Staff

Course reviews many of the types of qualitative research methods, emphasizing assumptions, approaches. Focus on design, entree, ethics, data-gathering techniques (interviewing, observing), data recording and management. Introduction to data analysis. SOC BEH SC

**285B. Qualitative Methods II.** (5) § W. Prerequisites: N285A/S285A and second-year doctoral students. Seminar 3 hours. Field work 6 hours. Staff

Course compares and contrasts modes of qualitative analysis. Examines issues in establishing plausibility, credibility, adequacy. Intensive data analysis and examination of the problems of presentation of findings with focus on questions of authority and preparation of text. SOC BEH SC

**285C. Qualitative Analysis.** (3) § F, W, Sp. Prerequisites: S285AB/N285AB. Restriction: Doctoral students in Sociology. Lecture 2 hours. Lab 3 hours. A. Clarke, V. Olesen, P. Benner

In-depth experience with specific type of qualitative research guided by instructor trained and experienced in that approach. Styles of work offered by various instructors will include advanced grounded theory analysis, ethnography, hermeneutic analysis, narrative analysis. SOC BEH SC

**286. Gender, Sex and Health.** (2-4) § F, W, Sp. Prerequisites: None. Lecture 2 hours. Field work 0-6 hours. A. Clarke, J. Fosket

Course examines women's participation in formal/informal health and healing systems, emphasizing health problems, recruitment to health professions, images of women in health and illness, and women as

providers. Health issues of women of color in the U.S. are highlighted. SOC BEH SC

**289A. Advanced Quantitative Research Methods I.** (3) § F.

Prerequisites: N209 and N212 or equivalent, B187 and Doctoral students only. Lecture 2 hours. Lab 3 hours. R. Newcomer, E. Froelicher  
Course addresses theoretical basis of advanced quantitative methods. Fundamental issues of causality, and design issues pertinent to causality, are addressed using randomized clinical trials as models for experimental designs. Methods of sampling and issues in data collection and measurement are explored. SOC BEH SC

**289B. Advanced Quantitative Research Methods II.** (3) § W.

Prerequisites: S289A and doctoral students only. Lecture 2 hours. Lab 3 hours. R. Newcomer, E. Froelicher

Course covers continuing analysis of quantitative research methods including selected survey, longitudinal study designs. Focus compares and contrasts research designs, proposes strategies for maximizing strengths of various designs. Explores fit of research questions, methods, and statistical approaches. Examples of methods include questions answered by time series analysis, lifetable and survival analysis. SOC BEH SC

**289C. Advanced Measurement Methods.** (3) § Sp. Prerequisites:

S289AB or equivalent course(s) in quantitative methods and doctoral students only. Lecture 2 hours. Lab 3 hours. A. Stewart

Overview of current standard approaches to conceptualizing and measuring self-reported health, review of psychometric properties of self-reported measures of health, adequacy of measurement in diverse populations, development of health status surveys, and selection of appropriate measures for research purposes. SOC BEH SC

**299. Dissertation.** (0) § F, W, Sp. Prerequisites: Advancement to candidacy and permission of the graduate adviser. Staff

For graduate students engaged in writing the dissertation for the PhD degree. SOC BEH SC