

# nursing



University of California  
San Francisco

**UCSF**

School of Nursing

# COURSE catalog

For the most up-to-date information, please visit the School of Nursing online at <http://nurseweb.ucsf.edu> (website).

The official catalog of all UCSF courses is available at <http://student.ucsf.edu/genecat/ucsfcat.html> (website).

For scheduling (meeting days/times) consult the class schedules published each quarter/term by the Office of Admissions and Registrar (OAR) and by the School of Nursing (see the "current students" information page at <http://nurseweb.ucsf.edu/www/ix-cs.shtml>).

The following extract from the catalog lists courses of primary interest to School of Nursing students.

The symbol § following the units designates a course approved for credit toward a graduate academic degree. Sessions: F=fall quarter, W=winter quarter, Sp=spring quarter, Su=summer term, SS=summer session. Some courses may not be offered each year; for more information, please contact the affiliated department.

## NURSING

### 141. Pharmacology and Nursing Care. (3) Su.

Lecture 3 hours.

L. Day

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 NURSG

### 142. Introduction to Nursing. (11) Su.

Lecture 3 hours. Patient contact 24 hours.

P. Bellefeuille, J. Perlas

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, Judy Greenwald

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.

J. Perlas, P. Bellefeuille, 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 are emphasized. Clinical experience provides opportunities for role development and application of knowledge and skills.

PHYSIOL NURSG

**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 NURSG

**146. Parent-Child Nursing. (7.5) . W., Sp.**

*Prerequisites:* N140, N141, N142, N144, N145.

Lecture 4 hours. Patient contact 10.5 hours.

B. Taft, M. Jesena

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.

L. Chiarello

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.

L. Chiarello

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.

J. Greenwald

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.

K. Dracup

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) § W.**

*Prerequisites:* None. *Restrictions:* MS degree students and pre-qualifying exam doctoral students. Enrollment limited to 25 students.

Lecture 1 hour.

J. Martin-Holland

Course reviews academic and scientific writing format and style, fostering an awareness of research-based scientific writing. Students will develop skills in writing an introductory paragraph, organizing a critical review of the literature, and creating a concise conclusion. Bibliographic search methodology and American Psychological Association (APA) editorial format will be reviewed and utilized.

PHYSIOL NURSG

**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 NURSG

**201B. Teaching-Learning Process. (2) § F.**

*Prerequisites:* Enrollment in graduate nursing program.

Lecture 2 hours.

Z. Mirsky

Course critically evaluates principles and theories of teaching-learning practices in nursing education, staff development and client teaching programs. Theoretical and practical applications, including presentation skills, for student-centered and distance [distribute] education will be explored.

PHYSIOL NURSG

**201C. Methods of Clinical Instruction. (2) § W.**

*Prerequisites:* None.

Seminar 2 hours.

N. Stotts

Course explores the theoretical foundations for clinical supervision, teaching and evaluation in nursing education. The focus will be on clinical activities commonly utilized to enhance the learning process in the clinical setting.

PHYSIOL NURSG

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

*Prerequisites:* Doctoral standing or consent of instructor.

Lecture 1 hour. Seminar 2 hours.

J. Faucett

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, C. Waters

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

**203. End-of-Life Care Across Practice Settings. (2) § Sp.**

*Prerequisites:* None.

Seminar 2 hours.

T. Koettters

Course examines the theory and practice of providing end-of-life care to patients and their families within and across multiple practice settings, including acute care. A multidisciplinary approach to palliative care will address symptom management as well as age-related, cultural, spiritual, ethical, and communication issues.

PHYSIOL NURSG

**204. Pathophysiology in Family Primary Care. (3) § W.**

*Prerequisites:* Completion of N270.

*Restrictions:* Enrollment in Family Nurse Practitioner [FNP] program or consent of instructor.

Lecture 3 hours.

E. Scarr, M. Scott

Course promotes the understanding and application of knowledge of fundamental disease processes in the clinical setting of outpatient primary care. Concepts of anatomy, physiology and pathophysiology are included. The etiology, pathogenesis, and clinical significance of selected disease processes are discussed. The course is organized around a systems approach to disease processes.

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. Research on Management of Psychiatric Conditions. (3) § F.**

*Prerequisites:* N227.

*Restrictions:* Enrollment in Psychiatric/Mental Health Nursing specialty or consent of instructor.

B. Phoenix

Course analyzes research on current practice approaches to adults with mental illness and children with severe emotional disturbance. The emphasis is on psychotherapeutic and psycho-educational interventions and long-term management of psychiatric symptomatology. This course fulfills the School of Nursing requirement for coursework in research utilization.

COMM HLTH SYST

**207A. Communicating with the Latino Patient I. (1) § W.**

*Prerequisites:* Students must demonstrate to instructor intermediate level of Spanish to enroll in course. *Restrictions:* Enrollment by consent of instructor will be given to first year Master's students. Second year students and MEPN students will be included if space available.

Seminar 1 hour.

P. Bernal de Pheils

Course provides advanced content and practice in Spanish. Emphasis will be in taking a health history, giving physical exam instructions and addressing patient concerns using proper terminology and correct tense verb and within the socio-cultural background of selected Latin American groups.

FAM HLTH

**207B. Communicating with the Latino Patient II. (1) § Sp.**

*Prerequisites:* Consent of instructor and successful completion of N207A.

*Restrictions:* Enrollment by consent of instructor will be given to first year Master's students. Second year students and MEPN students will be included if space available.

Seminar 1 hour.

P. Bernal de Pheils

Course provides advanced content and practice in Spanish. Emphasis will be in building confidence in communicating appropriately using com-

plex verb tenses, commands and sentence structure. Course will include cultural content to increase understanding of conduct and behavior so treatment is culturally sensitive and linguistically appropriate for patients/families of Latino American background.

FAM HLTH

**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 NURSG

**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 NURSG

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

*Prerequisites:* None. *Restrictions:* Enrollment in the Doctoral Program.

Lecture 2 hours.

R. Rehm

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 Research Design. (2) § F.**

*Prerequisites:* Enrollment in Doctoral Program in Nursing or consent of instructor.

*Restrictions:* Restricted to Doctoral students.

Lecture 2 hours.

G. Padilla, B. Cooper, N. Stotts

Course provides a critical analysis of techniques to conduct systematic reviews of bodies of knowledge, provides strategies to critique the scientific rigor (validity) of quantitative research designs. Students link theory with operations; causality in problem conceptualization; various quantitative research designs; critique designs; sampling, power analysis, measurement, and data analyses; conduct, synthesize, critique systematic reviews of bodies of knowledge.

PHYSIOL NURSG

**210A. Introduction to Health Care Informatics. (3) § W.**

Lecture 3 hours.

D. Wantland

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

**211A. Basic Topics in Leadership in Health Care Systems.** (1-6) § F, W., Sp., Su.

*Prerequisites:* None. *Restrictions:* Consent of instructor. Lecture 1-6 hours.  
E. O'Neil

Course examines basic topics in leadership in health care systems including management, human resources, financing and budgeting, and feedback and coaching.

COMM HLTH SYST

**211B. Managing Change in Health Care Systems.** (1-6) § F, W., Sp., Su.

*Prerequisites:* None. *Restrictions:* Consent of instructor.  
Lecture 1-6 hours.

E. O'Neil, J. Hirsch

Course examines the principles of organization change in health care systems. These include strategy, decision making and conflict management, communications, and quality improvement and management.

COMM HLTH SYST

**211C. Leadership Development & Self-Renewal.** (1-6) § F, W., Sp., Su.

*Prerequisites:* None. *Restrictions:* Consent of instructor. Lecture 1-6 hours.  
E. O'Neil, J. Hirsch

Course examines the principles of leadership and self-renewal including negotiating, motivating others, problem solving, managing diversity, improving care management, and developing skills and knowledge.

SOC BEH SCI

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

*Prerequisites:* N209A.  
Lecture 2 hours.

J. Humphreys, E. Davies

Course examines the construction of qualitative research and ethics in research. Students formulate research questions and design a qualitative study.

FAM HLTH

**212B. Quantitative Measurement and Theory.** (3) § Sp.

*Prerequisites:* N209B.  
Lecture 3 hours.

R. Slaughter

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

INTERDEPART

**213A. Common Problems of Cancer Care.** (3) § F.

*Prerequisites:* None.  
Seminar 3 hours.

T. Koettters, M. Cho



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 NURSG**

**213B. Oncologic Emergencies. (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 NURSG**

**213C. Chemotherapy Seminar. (2) § W.**

*Prerequisites:* None. *Restrictions:* Non-Oncology graduate nursing students need consent of instructor.

Lecture 1 hour. Seminar 1 hour.

T. Koettters

Course designed to familiarize the advanced practice nursing student with current topics in cancer chemotherapy, i.e., newly approved agents, new drug combinations, clinical trials. In addition, identification of unusual side effects and management of same, as well as safety issues will be addressed.

**PHYSIOL NURSG**

**215. Advanced Practice in Community Health. (3) . § W.**

*Prerequisites:* None.

Lecture 3 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 health systems.

**COMM HLTH SYST**

**215.01. Global Community Health Planning & Interventions. (3) § W.**

*Prerequisites:* None. *Restrictions:* None.

Lecture 3 hours.

C. Portillo

Course will examine theory and research-based community interventions conducted in the U.S. and globally. Community health promotion and planning and community-based participatory models will be used as explanatory models for developing interventions. Procedural knowledge is gained as students develop a program (intervention) proposal and apply health promotion and planning for community-based participatory principles as a framework.

**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 NURSG

**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 NURSG

**217A. Care of High-Risk Populations I. (2) § Sp.**

*Prerequisites:* Enrollment in Family Nurse Practitioner [FNP] Program or consent of instructor.

Lecture 2 hours.

J. Makonnen, M. White

Course introduces concepts of health care disparities, epidemiology of health conditions, and public health implications of caring for high-risk populations, with an emphasis on the incarcerated, homeless and mentally ill. Social, cultural and ethical concerns related to providing services to high-risk populations are discussed. Content covered in this introductory course will prepare students for N217B and N217C.

FAM HLTH

**217B. Care of High-Risk Populations II. (2) § W.**

*Prerequisites:* Enrollment in FNP Program and completion of N217A or consent of instructor. *Restrictions:* none.

Lecture 2 hours.

E. Scarr

Course presents selected topics encountered in primary care, focusing on conditions common in high-risk populations. Emphasis is on clinical presentation, the rational use of diagnostic testing, and implementation of management plans formulated for high-risk clients. Correlation with clinical practice is an integral aspect of the course. Course incorporates theoretical and psychosocial content presented in N217A.

FAM HLTH

**217C. Primary Care of High-Risk & Vulnerable Elders. (2) § Sp.**

*Prerequisites:* Enrollment in the Family Nurse Practitioner Program.

Completion of N270, N246, N247, N247.02A, N247.02B, N217A & N217B.

E. Scarr, M. Scott

Course focuses on the unique needs and care of high-risk and vulnerable elders. Using complex geriatric case studies of ethnically diverse elders developed by medical anthropologists and geriatricians, problem-based

learning (PBL) approaches will be used to highlight key issues in providing medical and nursing care to this population.

**FAM HLTH**

**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. (2) § W.**

*Prerequisites:* None.

Seminar 2 hours.

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. This seminar will develop the skills required for achieving success in an academic career.

**PHYSIOL NURSG**

**220.01. Academic Role Preparation I. (1) § F, W., Sp.**

*Prerequisites:* Admission to Doctoral Program

Seminar 1 hour.

M. Blegen, D. Fontaine

Seminar is designed to enhance students' knowledge of faculty roles and responsibilities. It will explore how the roles vary, dependent on the level of teaching [associate degree, baccalaureate] and type of institution [public, private]. Performance expectations and evaluative criteria for merit and promotion will be discussed.

**PHYSIOL NURSG**

**220.02. Academic Role Preparation II. (1) § F, W., Sp.**

*Prerequisites:* Admission to Doctoral Program

Seminar 1 hour.

D. Fontaine, M. Wallhagen

Seminar is designed to enhance students' knowledge of faculty roles and responsibilities. Role dimensions of research service, teaching and clinical competence will be evaluated and analyzed. Students will develop skill in and appreciation of the central aspects of communication, presentation, and evaluation as they underpin all components of the role.

**PHYSIOL NURSG**

**221. Theory in Advanced Practice Nursing. (2) § F.**

*Prerequisites:* None. Lecture 2 hours.

*Staff*

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 NURSG**

**221.01. Theories Related to Nursing Care of the Adult. (3) § F.**

*Prerequisites:* None. *Restrictions:* None.

Lecture 3 hours.

V. Carrieri-Kohlman

Course provides introduction to critical thinking, clinical and ethical reasoning about the discipline of nursing and its contributions to advanced nursing practice in the care of the adult. Includes a critique of theoretical approaches that guide development of science for nursing care of the adult. Research methods for development, testing, and implementation of selected theoretical approaches are discussed and critiqued.

PHYSIOL NURSG

**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, B. Aouizerat

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 is 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.

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) § Sp.**

*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 NURSG

**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 NURSG

**227. Theories of Mental Illness. (3) § F.**

*Prerequisites:* Consent of instructor.

Seminar 3 hours.

S. Weiss

Course examines major theories of mental illness and their implication for understanding the etiology and treatment of psychiatric conditions. Neurochemical, neuroendocrine, genetic, cognitive/behavioral, psychodynamic, attachment, and humanistic theories will be analyzed and applied to the assessment and management of mental health problems. Ethical issues raised by different theoretical perspectives will be discussed.

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 NURSG

**229. Philosophy of Nursing Science. (3) § W.**

*Prerequisites:* Doctoral standing or consent of the instructor.

Lecture 2 hours. Seminar 1 hour.

W. Holzemer, S. Rankin

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

PHYSIOL NURSG

**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 is 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. Adult Clinical Pharmacology. (4) . § W.**

*Prerequisites:* N270 or consent of instructor. *Restrictions:* Enrollment in an adult specialty

Lecture 2 hours. Online 3 hours.

J. Saxe

Course introduces the 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 adult life span.

COMM HLTH SYST

**232.04A. Pediatric Pharmacology. (2) § Sp.**

*Prerequisites:* Past or concurrent enrollment in N246 and N283B or consent of instructor

Lecture 2 hours.

N. Schapiro

Course provides overview of pediatric pharmacology with emphasis on medications used in primary care settings. Content includes developing changes in drug absorption, distribution, elimination and adverse effects from birth through adolescence. Legal, ethical, safety and patient education aspects of furnishing medications to children are discussed, as well as the integration of evidence-based pharmacologic interventions into advanced practice pediatric nursing.

FAM HLTH

**232.04B. Complex Topics in Pediatric Pharmacology. (2) § W.**

*Prerequisites:* Successful completion of N232.04A and successful completion of/or concurrent enrollment in N283C or consent of instructor  
Lecture 2 hours; online 6 hours.

N. Schapiro

Course builds on content from N232.04A, focusing on pharmacologic interventions for infants, children and adolescents with critical illness or chronic conditions. Emphasis is placed on evaluating pharmacologic research to guide decision-making, on minimizing adverse reactions and maximizing outcomes for children on multiple medications.

FAM HLTH

**232.05. Antibiotic Therapeutics in Acute Care. (2) § Sp.**

*Prerequisites:* Acute Care Nurse Practitioner Student or consent of instructor.

Lecture .5 hour. Web-based course work 4.5 hours.

J. Howie Esquivel

Course provides information regarding antibiotic therapy for acutely ill/hospitalized adults. This primarily web-based course contains modules on selected topics such as skin, cardiac and neurological infections.

PHYSIOL NURSG

**232.07A. Neonatal Pharmacology. (2) § Sp.**

*Prerequisites:* Concurrent enrollment in N254.01 *Neonatal & Infant Pathophysiology*, or permission of the instructor. *Restrictions:* None  
Lecture 2 hours.

M. Lynch

Course involves an analysis of pharmacologic interventions utilized for neonates and infants in varied health care settings. Emphasis is placed on empirical investigations and decision-making strategies for the pharmacologic management of acutely, chronically and critically ill neonates and infants. FAM HLTH

**232.07B. Complex Pharmacological Strategies for Neonates/ Infants. (2) § W.**

*Prerequisites:* Successful completion of N254.01 and N254.02 *Neonatal Pathophysiology* or permission of instructor. *Restrictions:* None.  
Lecture 2 hours. Web-based course work 6 hours.

M. Lynch

Course builds on content from N232.07A, focusing on pharmacologic interventions for acutely and critically ill neonates and infants requiring neonatal intensive care. Emphasis is placed on evaluating empirical research and descriptive literature to guide clinical decision-making regarding the selection of pharmacologic interventions that maximizes the clinical benefits and minimizes adverse responses to specific medication strategies. FAM HLTH

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

*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

**236A. Complementary Healing. (3) § F.**

*Prerequisites:* None. Lecture 3 hours.

C. Kelber

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

COMM HLTH SYST

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

*Prerequisites:* N236A.

*Restrictions:* Enrollment is [1] contingent on taking the prerequisite N236A and [2] 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

**238A. Child Development and Alterations in Behavior. (3) § W.**

*Prerequisites:* None.

Lecture 3 hours.

C. Kennedy

Course is designed to provide the student with a scientific basis for understanding the normal pattern of development in the infant and child [birth - 12 years of age]. Building on knowledge of normative development, common behavioral issues and mental health concerns that are encountered by advanced practice nurses in primary care and specialty settings will be reviewed.

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.

R. Garbez

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 of selected patient populations and major therapeutic nutritional modalities are addressed.

PHYSIOL NURSG



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

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

Seminar 1 hour.

A. Carley

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

**239.07A. Topics in Neonatal & Pediatric Nutrition. (1-2) § W.**

*Prerequisites:* Permission of Instructor.

*Restrictions:* None.

Lecture 1 hours. Independent Study 3 hours.

A. Carley

Course will build upon basic nutrition content and will prepare participants to address the nutritional needs of infants, toddlers and children in the clinical setting. Consistent with national health promotion guidelines, nutritional approaches will target a variety of pediatric clients including the well child and children experiencing or recuperating from illness.

FAM HLTH

**240.01. Biomarkers I. (2) § F.**

*Prerequisites:* Doctoral enrollment or by permission of instructor.

Seminar 2 hours.

R. Oka

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 NURSG

**240.02. Biomarkers II. (2) § W.**

*Prerequisites:* Doctoral enrollment or by permission of instructor.

Seminar 2 hours.

B. Aouizerat

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 NURSG

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

*Prerequisites:* None.

Seminar 2 hours.

B. Davies, A. Hughes

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) § Sp.**

*Prerequisites:* None.

Seminar 2 hours.

J. Humphreys

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

FAM HLTH

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

*Prerequisites:* None.

Seminar 3 hours.

T. Juarbe, C. Portillo

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, C. Portillo

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

COMM HLTH SYST

**240.08. Advanced Child Developmental Science. (2) § F, W., 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 science 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 SCI

**240.10. Health Policy II. (2) § Sp.**

*Prerequisites:* Doctoral enrollment or by permission of instructor.

Seminar 2 hours.

C. Harrington

Course addresses new health service research designs that address high priority national policy issues. The students will examine different research models that address key health policy research questions and assess the policy outcomes.

SOC BEH SCI

**240.11. Occupational & Environmental Health Research Seminar. (1-5) § F, W., Sp.**

*Prerequisites:* Consent of instructor.

Seminar 1 hour. Field work 0-12 hours.

J. Faucett

Seminar focuses on design and practical implementation of research on factors at work and in the environment that affect community health. Theoretical, ethical, policy and procedural issues related to occupational and environmental health research will be discussed. Students and faculty will bring examples from their research for discussion and problem solving.

COMM HLTH SYST

**240.12. Family Health & Relational Research. (2) § W.**

*Prerequisites:* N290 or consent of instructor.

Lecture 1 hour. Seminar 1 hour.

C. Chesla

Course provides an overview of research issues in family and dyadic research. It focuses on family and relational research methods providing participants with appropriate approaches to their own research projects. Upon completion of the course, students will be able to demonstrate knowledge of the state of family science in nursing and related disciplines.

FAM HLTH

**240.13. Research Methods: Psychological Factors. (2) § Sp.**

*Prerequisites:* Consent of instructors, limited to doctoral students.

Seminar 2 hours.

L. Chafetz, S. Weiss

Course focuses on research methods appropriate for the study of cognitive, emotional and behavioral variables that reflect an individual's psychosocial functioning. Emphasizes conceptual and methodological issues that need consideration when psychological factors are examined as predictors, outcomes and/or interventions.

COMM HLTH SYST

**240.14. Health Promotion & Chronic Disease Prevention. (2) § Sp.**

*Prerequisites:* Student should be planning or engaged in research related to health promotion/disease prevention or treatment of chronic illness.

*Instructor approval is required to attend seminar.*

Seminar 2 hours.

R. Oka

Seminar will focus on issues related to the conduct of clinical trials in health promotion, disease prevention and management of chronic illnesses across the lifespan. Students will select specific areas related to their future research programs. Content will include interventions for behavior change, multiple risk factor reduction, and life style modification in individuals at risk for or with chronic illnesses.

COMM HLTH SYST

**240.15 Gerontological Nursing Research. (2) § F.**

*Prerequisites:* None. *Restrictions:* Doctoral student or Master's student with prior approval of faculty

Seminar 2 hours.

M. Wallhagen

Advanced nursing seminar involves a critical investigation of gerontological nursing research with an emphasis on theoretical and methodological perspectives.

PHYSIOL NURSG

**240.16. Research Issues in Aging: Interdisciplinary Perspectives. (2) § W.**

*Prerequisites:* None. *Restrictions:* Doctoral student or Master's student with prior approval of faculty

Seminar 2 hours.

M. Wallhagen

Seminar is a critical examination of research in aging, focusing on collaborative, interdisciplinary research (i.e., nursing, medicine, geropsychiatry and the social and behavioral sciences). Emphasis will be on the interdisciplinary research process and methodological and theoretical frameworks.

PHYSIOL NURSG

**240.17. Cardiovascular Disease Epidemiology. (1-3) § W**

*Prerequisites:* Suitable for doctoral students in all four schools, post-doctoral students, research fellows and visiting scientists.

Lecture 1 hour. Seminar 1-2 hours.

E. Froelicher

Course provides selected state of the art topics in cardiovascular disease, highlighting the epidemiological challenges and opportunities for additional progress in this field.

PHYSIOL NURSG

**240.18. Workforce & Health Systems. (2) § W.**

*Prerequisites:* None. *Restrictions:* Doctoral students

Seminar 2 hours.

J. Seago

Course critically analyzes the research process including issues related to theory, concepts, conceptual framework, research design, data collection and analyses, scholarly dialogue and critique, and publication. Content emphasis is on healthcare organizations, nurse workforce, patient outcomes and analyses using large existing data bases.

COMM HLTH SYST

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

*Prerequisites:* None.

Lecture 2 hours.

K. Dracup/D. Fontaine

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

PHYSIOL NURSG

**241.04. Professional Issues in Pediatric Nursing. (1) § Sp.**

*Prerequisites:* Enrollment in the APPN program and completion of N241 or consent of instructor. *Restrictions:* Concurrent enrollment in N404.02.

Lecture 1 hour.

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 and to facilitate transition to clinical

practice across pediatric clinical settings. The course will complement N241 with content and discussions on pediatric advanced practice and role delineation.

FAM HLTH

**241.06. Professional Issues in Midwifery Practice. (1) § W.**

*Prerequisites:* Enrollment in Nurse-Midwifery specialty.

Lecture 1 hour.

L. Ennis

Course expands content of N241 to issues important to professional practice for nurse-midwives. Includes content such as methods of ensuring quality midwifery practice, the legal basis of midwifery practice and the history of midwifery practice.

FAM HLTH

**242A. HIV/AIDS: An Overview. (2) § F.**

*Prerequisites:* None.

Lecture 1 hour. Seminar 1 hour.

C. Dawson-Rose

Course will provide an overview of the AIDS epidemic with a focus on related epidemiological concepts, public health policies, health care disparities, and psychosocial issues.

COMM HLTH SYST

**242B. HIV/AIDS: Clinical Pharmacology. (1) § F., Sp.**

*Prerequisites:* None. *Restrictions:* class size limited to 30 participants

Lecture 1 hour.

S. Stringari-Murray

Course will introduce the clinical application of pharmacology in the management of HIV-infected adults and adolescents based on the current U.S. DHHS Treatment Guidelines for Antiretroviral Therapies and the Prevention of Opportunistic Infections.

COMM HLTH SYST

**242C. HIV/AIDS: Population-Based Chronic Illness Care. (1) § Sp.**

*Prerequisites:* None.

Lecture 1 hour.

C. Portillo

Course will introduce students to population-based chronic illness models of care and the applications to the health care delivery systems.

COMM HLTH SYST

**242D. HIV/AIDS: Integrated Care. (3) § F.**

*Prerequisites:* N242A, B, C

Lecture 3 hours.

S. Stringari-Murray

Course will present evidence-based care for persons with HIV/AIDS. HIV/AIDS pathophysiology, clinical manifestations of HIV in the Post-HAART era, the assessment and management of common signs and symptoms and co-morbid conditions will be discussed from a model of chronic illness care perspective.

COMM HLTH SYST

**242.01. HIV/AIDS: Seminar. (1) § W.**

*Prerequisites:* N242A, B, C, D

Seminar 1 hour.

S. Stringari-Murray

Course provides the student with the opportunity to enhance clinical decision-making abilities through case study analysis with an interdisciplinary team of HIV/AIDS experts who are providing care for persons with HIV/AIDS.

**COMM HLTH SYST**

**242.02 HIV/AIDS: Seminar. (1) § Sp.**

*Prerequisites:* N242.01

Seminar 1 hour.

S. Stringari-Murray

Course, which is a continuation of N242.01, provides the student with the opportunity to enhance clinical decision-making abilities through case study analysis with an interdisciplinary team of HIV/AIDS experts who regularly care for persons with HIV/AIDS.

**COMM HLTH SYST**

**243.01. Family Therapies. (3) § W.**

Lecture 3 hours.

K. Shook

Course will examine theories of family therapies and their application to the practice of psychiatric nursing. Particular areas of emphasis are work with families of the seriously mentally ill and families experiencing trauma. Family assessments and supportive, educational, and therapeutic interventions will be described and evaluated.

**COMM HLTH SYST**

**243.02. Group Psychotherapies. (2) § F, W.**

*Prerequisites:* Psychiatric/ Mental Health students or consent of instructor.

Seminar 2 hours.

K. Shook, B. Phoenix

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

**COMM HLTH SYST**

**243.03. Adult Psychotherapeutic Treatment Modalities. (2) § Sp.**

*Prerequisites:* N257 or equivalent content.

Lecture 2 hours.

L. Chafetz

Course focuses on principles of supportive psychotherapies with adults experiencing a range of psychiatric problems. It also reviews models of crisis intervention, behavioral, cognitive behavioral, and motivational interventions. It is designed to use clinical case materials as the basis for discussion of assessment, goal setting and intervention.

**COMM HLTH SYST**

**244A. Theories of Human Response to Trauma. (2) § W.**

*Prerequisites:* None.

Lecture 2 hours.

L. Chafetz

Course examines theories from the social, behavioral and neurosciences that explicate human responses to different types of trauma. Course utilizes developmental theories to understand effects of traumatic events on persons across the lifespan.

**COMM HLTH SYST**

**244B. Assessment & Intervention with Survivors of Abuse & Violence. (2) § Sp.**  
*Prerequisites:* N244A. *Restrictions:* Students in Psychiatric/Mental Health Nursing specialty or permission of instructor

Lecture 2 hours.

B. Phoenix

Course focuses on psychosocial assessment and treatment approaches for individuals and families with past or current experience of physical, sexual or emotional violence or abuse.

COMM HLTH SYST

**244C. Mental Health Care for Populations Experiencing Disasters. (2) § F.**

*Prerequisites:* None.

Lecture 2 hours.

S. Garritson

Course focuses on assessment and treatment of individuals and groups experiencing disasters resulting from natural or human events. Emphasis is given to approaches that address both short and long-term sequelae of terrorism or disasters.

COMM HLTH SYST

**245. Health Protection & Promotion. (2) § W.**

*Prerequisites:* None.

Lecture 2 hours.

R. Oka

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: Health Promotion. (1-2) § W.**

*Prerequisites:* N270, presently enrolled in N245, or consent of instructor.

*Restrictions:* Limited to those students in the ANP, APNP, & Advanced Community Health & International Nrsng. [HIV focus]. ANP-generalists, HIV, ICH and ACHIN students will take this course for two units; all others will take course for one unit.

Seminar 1 hour. One ten-hour seminar.

C. Kelber

Seminar is taken concurrently with N245 and provides the specialty content necessary for the above students. Application from Health Protection lectures will be made to the specialty areas using case presentations and other relevant learning strategies. The addition of self-care content constitutes new course material.

COMM HLTH SYST

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

*Prerequisites:* Concurrent enrollment in N245.

Seminar 2 hours.

B. Hollinger, T. Ooms

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. Macera

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 NURSG

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

*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

**245.04A. Seminar in Pediatric Health Promotion. (1) § F, W.**

Seminar 1 hour.

A. Chen

Seminar focuses on pediatric health maintenance, encompassing prevention, health promotion, and the management of developmental stressors. Issues that affect the delivery of primary healthcare to vulnerable populations will be discussed. Emphasis is placed on anticipatory guidance and the role of the Advanced Practice Pediatric Nurse in working with the family in assessing common health issues.

FAM HLTH

**245.05. Health Promotion in Acute Care. (2) § W.**

*Prerequisites:* Concurrent enrollment in N245 or Acute Care Nurse Practitioner Student or consent of instructor.

Lecture 2 hours.

M. Hawk

Course provides specialty content necessary for Acute Care Nurse Practitioners (ACNPs) to institute health promotion and health care maintenance activities in the care of stable hospitalized patients using clinical decision-making models.

PHYSIOL NURSG

**245.07. Infant Neuromotor/Behavior 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.

M. Scott

Course introduces students to signs and symptoms of illness across the life span 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, T. Ooms

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 NURSG

**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. Capaldini

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.

P. Dennehy

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.

M. Scott, E. Monasterio

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

**252A. Mental Health & High Risk Families (2) § F.**

*Prerequisites:* Consent of instructor.

Lecture 2 hours.

C. Harris-Muchell

Course analyzes the effects of impoverished environments, sociocultural factors, and mental health problems in the family on the mental health of children and other family members.

COMM HLTH SYST

**252B. Psychotherapeutic Techniques with Children & Youth. (2) § Sp.**

*Prerequisites:* N257 and N227 or consent of instructor.

Lecture 2 hours.

S. Weiss

Course provides an introduction to the psychotherapeutic treatment of cognitive, emotional and behavioral problems experienced by children and adolescents. Content builds upon client-centered, cognitive-behavioral and psychodynamic therapies.

COMM HLTH SYST

**252C. Mental Health Case Management for Children & Adolescents. (2) § F.**

*Prerequisites:* N252A, B

Lecture 2 hours.

C. Harris-Muchell

Course examines the responsibilities and skills required of an effective case manager in the context of community-based mental health care for children and adolescents. COM 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 SCI

**254.01. Neonatal and Infant Pathophysiology. (3) § Sp.**

*Prerequisites:* None.

Lecture 3 hours.

A. Carley

Course supports a comprehensive exploration of pathophysiologic phenomena in the cardiac, respiratory, gastrointestinal and neurologic systems in the fetus, neonate, and infant. Clinical presentation, associated symptomatology, and therapeutic management strategies will be discussed.

FAM HLTH

**254.02. Neonatal and Infant Pathophysiology. (3) § F.**

*Prerequisites:* None.

Lecture 3 hours.

M. Lynch

Course supports a comprehensive exploration of pathophysiologic phenomena in the hematologic, immunologic, renal, endocrine and cellular/dermatologic systems in the fetus, neonate, and infant. Clinical presentation, associated symptomatology, and therapeutic management strategies will be discussed.

FAM HLTH

**255A. Diagnosis and Treatment of Acutely Ill/Injured I. (3) § F.**

*Prerequisites:* Acute Care Nurse Practitioner Student or consent of instructor.

Lecture 2 hours. Seminar 1 hour.

J. Howie Esquivel

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 NURSG

**255B. Diagnosis and Treatment of Acutely Ill/Injured II. (3) § W.**

*Prerequisites:* Acute Care Nurse Practitioner student or consent of instructor, N255A. *Restrictions:* None.

Lecture 3 hours.

J. Howie Esquivel, R. O'Malley

Lecture focuses on diagnosis and treatment of acute illness and injuries affecting body systems such as the cardiac, pulmonary and central nervous systems.

PHYSIOL NURSG

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

*Prerequisites:* Acute Care Nurse Practitioner or Critical Care/Trauma student.

Lecture 2 hours.

R. Garbez

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

PHYSIOL NURSG

**257. Assessment/Management of Common Psychiatric Symptoms. (2) § F.**

*Prerequisites:* None.

Lecture 2 hours.

B. Phoenix

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

**259.01. Women's Reproductive Health. (1-2) § F.**

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 clinical decision making and management of common gynecological conditions, normal pregnancy, and postpartum in collaboration with health team members.

FAM HLTH

**259.02. Women's Health: Special Problems. (2) § W., Sp.**

*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.

T. Juarbe

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 sociocultural, professional and ethical issues.

FAM HLTH

**259.04. Contraception in Primary Care. (1) § F, W., Sp.**

*Prerequisites:* None.

Self-paced module.

J. Makonnen

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

**260D. Latino Health and Culture. (2) § Su.**

*Prerequisites:* Consent of instructor. *Restrictions:* Enrollment to be determined by availability of practicum experience.

Seminar 2 hours.

P. Bernal de Pheils

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

**260F. Cultural Competency. (2) § Sp., W.**

*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 micro-teach exercises and role playing. Preparatory work will be based on the syllabus of required  
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

**260H. Global Health & International Nursing. (2) § W.**

*Prerequisites:* None. *Restrictions:* Enrollment in Advanced Community Health & International Nursing [ACHIN] specialty or consent of instructor.

Lecture 2 hours.

W. Holzemer, C. Portillo

Course will examine global health from a nursing perspective, exploring global work force issues, definitions of nursing, nursing educational models, roles of nursing in national policy development, and international organizations that link nursing to global health, such as the World Health Organization, Pan American Health Organization, International Council of Nurses, and the International Council of Nurse Midwives.

COMM HLTH SYST

**260I. Culture, Spirituality & Health. (2) § Sp.**

*Prerequisites:* None. *Restrictions:* Maximum 20 students in class.

Lecture 2 hours.

J. Sweet

Course 260I will cover multi-cultural healing principles and practices and the role of spirituality in health and healing. Participants will have the opportunity to enhance their delivery of culturally sensitive care through guided self-assessments, role playing, group discussion and case studies.

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.

INTERDEPART

**262.01. Research Utilization in Acute and Chronically Ill Adults. (2) § Sp.**

*Prerequisites:* N262A.

Lecture 2 hours.

N. Donaldson

Course develops skill in systematic analysis, critical appraisal and synthesis of research related to a selected clinical nursing problem in adult acute care and chronically ill patients. Students will explicate an evidence-based solution to the selected clinical practice problem or issue and develop a preliminary plan to translate the evidence into practice that engages stakeholders and clinicians in a particular micro-system.

PHYSIOL NURSG

**262.02. Family Research Utilization. (2) § F.**

*Prerequisites:* N262A.

Seminar 2 hours.

R. Rehm

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. J. Chen

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.

H. Kennedy

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

**262.05. Primary and Complementary Care Research Utilization. (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

**262.06. Research Utilization in Health Policy. (2) § F., Sp.**

*Prerequisites:* N262A.

Seminar 2 hours.

S. Chapman

Course focuses on the development of critical thinking skills related to utilization and evaluation of research findings in the area of health policy. The course uses scientific and practical approaches to research and policy analysis.

SOC BEH SCI

**265. Cancer Prevention/Early Detection. (2) § F.**

*Prerequisites:* None.

Seminar 2 hours.

T. Koettters

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 NURSG

**267.01 Ethical Issues in Nursing Practice. (3) § W.**

*Prerequisites:* None.

Seminar 3 hours.

M. Sutphen

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 NURSG

**267.04. Neonatal/Pediatric 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, C. Kennedy

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.

B. Hollinger

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 NURSG



**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

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.

E. Monasterio

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, Sp.**

*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.

R. Rehm

Course provides the unique health care demands of vulnerable children with need for prolonged health support. The impact of the caregiving 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.

B. Burgel

Course analyzes the role of the Occupational Health Nurse in managing 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) § F, W, Sp.**

*Prerequisites:* None.

Seminar 1 hour.

R. Segovia-Bain

For this course students attend six Occupational Medicine Grand Rounds (or equivalent), in addition to seminars. Requirements include: written summary and critique of Grand Rounds sessions; research critique of at least two occupational and environmental health related studies; attendance at seminar sessions; class participation.

COMM HLTH SYST

**274A. Health Hazards in the Workplace. (4) § Sp.**

*Prerequisites:* M180 and/or N273A or consent of instructor.

Lecture 3 hours. Field work 3 hours.

P. Quinlan, M. Gillen

A prevention-focused course emphasizing the identification of chemical, biologic, physical, ergonomic, psychological, and safety hazards of work; identification of environmental monitoring methods, selection of health surveillance and safety measures; and discussion of methods to 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.

M. Gillen

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) § 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 sociocultural 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.

V. Carrieri-Kohlman

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 NURSG

**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

**281D. Nurse-Midwifery Management IV. (3) § Sp.**

*Prerequisites:* Enrollment in Nurse-Midwifery specialty and completion of N281ABC and N282ABC.

Lecture 3 hours.

M. Johnstone

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) § Sp.**

*Prerequisites:* Enrollment in Nurse-Midwifery specialty and completion of N281A and N282A.

Lecture 4 hours.

C. Belew

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.

C. Belew

Course reviews and analyzes complicated reproductive and gynecologic conditions requiring advanced management skills.

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. (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

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

**283D. Impact of Genetics on Pediatric Health and Illness. (3) § Sp.**

*Prerequisites:* Concurrent enrollment in N283A Pediatric Physiology, or permission of the instructor. *Restrictions:* None

Lecture 2 hours.

M. Lynch

Course incorporates content on genetics and genomics and highlights the impact of genetics on health and illness in infants, children and adolescents. Emphasis is placed on empirical investigations and decision-making strategies that address screening, diagnosis and management of genetic-related health care conditions.

FAM HLTH

**283E. Pediatric Acute Care Pathophysiology & Management. (2) § F.**

*Prerequisites:* Concurrent enrollment in N283C Complex Pediatric Pathophysiology.

*Restrictions:* None.

Lecture 2 hours.

M. McCulley

Course addresses pathophysiologic phenomena related symptomatology, diagnostic evaluation, differential diagnosis and clinical management for conditions occurring in acutely and crucially ill children at risk of death.

FAM HLTH

**283F. Cultural and Ethical Issues in Pediatric End-of-Life Care. (2) § W.**

*Prerequisites:* Concurrent enrollment in N283H Pediatric Palliative Care and/or consent of faculty of record.

*Restrictions:* None.

Lecture 2 hours.

E. Davies

Course addresses pathophysiologic phenomena related symptomatology, diagnostic evaluation, differential diagnosis and clinical management for conditions occurring in acutely and crucially ill children at risk of death.

FAM HLTH

**283G. Complex Clinical Management in Acutely Ill Children. (3) § Sp.**

*Prerequisites:* Satisfactory completion of N283E Pediatric Acute Care Pathophysiology & Management and 283F Cultural and Ethical Issues in Pediatric End-of-Life Care.

*Restrictions:* None.

Lecture 3 hours.

M. Lynch

Course integrates the clinical management of the acutely or critically ill child with ethical and cultural considerations important for children at risk of dying and their families. Emphasis is placed on evaluating empirical research and descriptive literature to guide clinical decision-making towards choosing therapeutic interventions that maximize clinical benefits and minimize adverse responses.

FAM HLTH

**283H. Pediatric Palliative Care. (1) § Wi.**

*Prerequisites:* Consent of faculty of record.

*Restrictions:* None.

Seminar 3 hours.

E. Davies

Course presents the End-of-Life Nursing Education Consortium (ELNEC) module for Pediatrics training in pediatric end-of-life care. The ELNEC training focuses on pediatric palliative care concepts and teaching strategies.

FAM HLTH

**283.03. Common Pediatric Illness Clinical Seminar. (1) § Sp.**

*Prerequisites:* Successful completion of N245.04A and concurrent enrollment in N404.02 and N246, N283B, & N232.04A, or consent of instructor.

*Restrictions:* Limited to Advanced Practice Pediatric Nursing (APPN) and post-masters students, or consent of instructor.

A. Chen

Seminar provides a format for the synthesis and application of knowledge from other courses that address pediatric pathophysiology, pharmacology, symptom assessment and management. Through case presentations, discussions and other learning strategies, students will refine skills in differential diagnosis, problem-oriented charting and oral presentation of acute problems commonly encountered in pediatric primary care.

FAM HLTH

**283.04. Complex Pediatric Primary Care Seminar. (1) § F.**

*Prerequisites:* Successful completion of N404.02, concurrent enrollment in N404.02 and N283C or permission of instructor

Seminar 2 hours.

M. McCulley

Seminar provides students with the opportunity to apply content about complex illness to the primary care setting, and prepares students for entering specialty clinical rotations in Winter Quarter. Through formal case presentations, discussion and other assignments, students will refine their ability to formulate complex care plans, and start to develop other aspects of the Advanced Practice Pediatric Nursing role.

FAM HLTH

**284. Introduction to Radiology. (1) § Sp.**

*Prerequisites:* None. *Restrictions:* School of Nursing Nurse Practitioner student.

Web-based module.

J. Taylor-Woodbury

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.

H. Kennedy, A. Clarke

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.

H. Kennedy, A. Clarke

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

**287A. Health Systems Management. (4) § F.**

*Prerequisites:* None.

Seminar 1 hour. Lecture 3 hours.

J. Spicer

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. Human Resource Issues in Health Care. (3) § F.**

*Prerequisites:* None.

Lecture 3 hours.

J. Hirsch

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

**287D. Financial Management. (3) § W.**

*Prerequisites:* None.

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. (3) § Sp.**

*Prerequisites:* N287D. *Restrictions:* Experience in use of *Microsoft Excel* spreadsheets.

Lecture 3 hours.

J. Hirsch, J. Seago

Course offers advanced financial management concepts including supply/demand models, working capital, financial structure, cost of capital, costing and valuation. Discussions include both financial theory and policy with an emphasis on comparisons of integrated, profit/not for profit, and public/private health systems.

COMM HLTH SYST

**287G. Data Management & Analysis. (4) § W.**

*Prerequisites:* None.

Lecture 3 hours. Lab 3 hours.

R. Slaughter, B. Cooper,

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

**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 NURSG

**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.

G. Chan

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 NURSG

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

*Prerequisites:* Prior or concurrent enrollment in N208A, N208B or consent of instructor.

Lecture 1 hour. Seminar 1 hour.

K. Puntillo

Course provides critical analysis of issues and population-specific problems that confront Advanced Practice Nurses in acute and critical care settings. Topics include family and aging issues as well as cultural, ethical and socio-economic factors that influence patient care.

PHYSIOL NURSG

**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 NURSG

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

*Prerequisites:* Acute Care Nurse Practitioner student or consent of instructor.

Lecture 3 hours.

R. Garbez

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 NURSG

**289A. Advanced Quantitative Research Methods I. (4) § F.**

*Prerequisites:* N209, N212, B187, B192, SPSS workshop or completion of SPSS tutorial and consent of instructor. *Restrictions:* Doctoral student or consent of instructor.

Lecture 3 hours. Lab 2 hours.

A. Alkon, J. Spetz

This advanced quantitative nursing research course focuses on how research questions are addressed by statistical analytic models. The coursework provides content on analytic techniques, such as multiple and logistical regression and power estimation with hands-on experience provided through lab exercises in planning, conducting and interpreting analyses using SPSS.

INTERDEPART

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

W. N209, N212, B187, N289A or consent of instructor.

*Restrictions:* Nursing Doctoral student or consent of instructor.

Lecture 5 hours.

S. Weiss, K. Lee

The second quarter of advanced quantitative nursing research methods focuses on research questions, designs, data collection procedures and analyses related to longitudinal studies and intervention research. Content is focused on methodological techniques and issues pertaining to investigation of change over time.

INTERDEPART

**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.

C. Chesla

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

**291. Applied Statistical Methods for Longitudinal & Hierarchical Data. (4) § Sp.**

*Prerequisites:* Biostat 192 or the equivalent.

*Restrictions:* 15 enrolled students

Lecture 3 hours. Lab 3 hours.

B. Cooper

Course introduces advanced methods for correlated observations. Reviews general linear model methods for linear regression and repeated measure--within subjects--analyses, including limitations of GLM regarding correlated and/or missing data. Presents multilevel model as preferred methods for analyzing correlated gaussian data from longitudinal and some hierarchical designs, Introduces generalized estimating equations as additional alternative.

COMM HLTH SYST

**292A. Physiology of Pregnancy. (2) § Sp.**

*Prerequisites:* Consent of instructor.

Conference 0.25 hour. 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 sequelae are highlighted.

FAM HLTH

**294A. Introduction to Human Genomics. (3) § F.**

*Prerequisites:* None.

Lecture 2 hours. Web-based course work 3 hours.

B. Aouizerat

Course focuses on the history of genetics, basic human and molecular genetics, an introduction to genetic variation [SNPs, etc.], patterns of inheritance, multifactorial inheritance and common diseases, influences of gene action and expression, clinical cytogenetics, the Human Genome Project, genetics terminology and molecular biology laboratory methods.

PHYSIOL NURSG

**294B. Medical Genetics for Nursing. (3) § W.**

*Prerequisites:* N294A or consent of instructor.

Lecture 2 hours. Web-based course work 3 hours.

M. Engler

Course addresses the genetic basis of human disease [cardiovascular, oncology, gerontology]; genetic screening and diagnosis, ethical, legal and social implications related to genetic information and technology; ethnic, racial and cultural considerations for providing genetic services; and genetic therapeutics, such as, pharmacogenetics, gene therapy, stem cell transplants, enzyme replacement.

PHYSIOL NURSG

**294C. Advanced Practice Nursing in Genetics. (3) § Sp.**

*Prerequisites:* N294A and N294B.

Lecture 2 hours. Seminar 1 hour.

M. Wallhagen

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 NURSG

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

*Prerequisites:* Foundational coursework 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 NURSG

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

*Prerequisites:* Foundational coursework in clinical practice in Genomics Nursing or consent of instructor.

Seminar 1 hour.

B. Aouizerat

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 NURSG

**295A. Care 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 using case studies, lectures, and discussions. Integrates pathophysiological, pharmacological, psychosocial, and ethical concepts. Critically analyzes evidence-based approaches to assessment and care.

PHYSIOL NURSG

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

*Prerequisites:* Completion of N208AB or consent of instructor.

Lecture 2 hours. Seminar 1 hour.

L. Mackin

Course focuses on advanced practice nursing of older clients across care settings using case studies, lectures, and discussions. Integrates pathophysiological, pharmacological, psychosocial, and ethical concepts. Critically analyzes evidence-based approaches to assessment and care.

PHYSIOL NURSG

**295C. Case Studies in Geriatrics. (3) § W., Sp.**

*Prerequisites:* N232, N270, N245, N295A, N295B.

*Restrictions:* Must be concurrent with clinical practica or residency in gerontological nursing or by consent of instructor.

Lecture 1 hour. Seminar 2 hours.

C. Deitrich, T. Berta

Case studies of complex illness in older adults across settings are analyzed to refine critical decision-making in clinical case management and

pharmacotherapeutics while utilizing the theory and practice of geriatrics and gerontology.

#### PHYSIOL NURSG

##### **297. Human Responses to Pain. (2) § W.**

Lecture 2 hours.

K. Puntillo

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 NURSG

##### **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 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.

#### INTERDEPART

##### **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.

R. O'Malley

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 NURSG

**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 Esquivel

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 NURSG

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

*Prerequisites:* Completion of N255AB or consent of instructor.

Clinic 12-24 hours.

J. Howie Esquivel

The culminating clinical experience in the role of the ACNP, emphasizing 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 NURSG

**405. Practicum in Mental Health & Community 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 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 Nursing (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 NURSG

**407.05. Clinical Practicum and Conference. (1-6) § W.**

*Prerequisites:* Concurrent enrollment in N245 and N245.05. ACNP student or consent of instructor.

Clinic 3-18 hours.

M. Hawk

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 NURSG

**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 NURSG

**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.

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 NURSG

**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 NURSG

**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 NURSG

**434. Teaching Residency. (4-12) § F, W., Sp.**

*Prerequisites:* Consent of instructor.

Lab 12-36 hours.

*Staff*

Course provides the 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.

B. Davies

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. K. Johnson, B. Phoenix

Seminar in case conference format to develop clinical judgment 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.

*Staff*

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 SCI

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

*Prerequisites:* N253, N262A, S228 and consent of instructor.

Lab 6-24 hours.

*Staff*

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 SCI

**NUTRITION**

**218. Nutrition Principles Across the Life Span. (2) § F., W.**

*Prerequisites:* None.

Project 3 hours. Web-based coursework 3 hours.

K. Clark

Course covers nutrition principles in health promotion and treatment of disease across the life span. It emphasizes the clinical challenges of conveying nutrition information to patients in the advanced practice setting, and explores the most effective techniques for successful counseling.

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 SCI

**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 SCI

**207. Sociology of Health & Medicine. (3) § F.**

Seminar 2 hours. Lab 3 hours.

J. Shim

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 SCI

**208. Social Psychology of Health & Illness. (3) § W.**

*Prerequisites:* Required for doctoral students in sociology.

*Restrictions:* Doctoral-level students in nursing or sociology.

Lecture 2 hours. Lab 3 hours.

J. Shim

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 SCI

**210. Proseminar in Health Policy. (1) § F, W., Sp.**

*Prerequisites:* None.

Seminar 1 hour.

C. Harrington, S. Chapman

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 SCI

**211. Information Technology & Organizational Change. (2) § Sp.**

*Prerequisites:* S262 or S225 or BMI 200 or consent of instructor.

Seminar 2 hours.

R. Miller

Course examines electronic medical records [EMRs] in health care organizations, focusing on: EMR capabilities, use, costs and benefits; factors

affecting costs and benefits; theories of innovation diffusion; the relationship between IT and organizational changes; EMR health policy options.  
SOC BEH SCI

**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 SCI

**212B. Sociological Theory: Contemporary. (5) § W.**

*Prerequisites:* S212A and must be a doctoral student.

Lecture 2 hours. Research 9 hours.

H. Pinderhughes

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 SCI

**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 SCI

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

*Prerequisites:* Consent of instructor.

Lecture 2 hours. Lab 0-6 hours.

C. Estes

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

SOC BEH SCI

**219. Social Policy in Aging. (2-4) § W., Sp.**

*Prerequisites:* None.

Lecture 2 hours. Lab 0-6 hours.

C. Estes

Course provides critical analysis of major social, economic, and political issues of growing old in America, including issues of chronic illness, disabilities, social policy in the public and private sectors including health, income and social services and political movements.

SOC BEH SCI

**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 SCI

**222. Health Care Economics and Policy.** (2) § W.

*Prerequisites:* None.

Lecture 3 hours.

J. Spetz

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 SCI

**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 SCI

**225. Organizational Analysis of U.S. Healthcare** (4) § W.

Lecture 2 hours. Seminar 2 hours.

M. Kitchener

Course develops participants' capacity to understand and conduct

systematic research on health care organizations. Covers the major theoretical perspectives on organizations: contingency theory, resource dependency, organizational ecology, institutional theory, networks, strategic management, economic perspectives. Each perspective is considered in the context of studies of health care organizations including: hospitals, HMOs, mental health agencies, nursing homes, biotechnology firms, and academic health centers.

SOC BEH SCI

**226. Long-Term Care Policies.** (2-3) § F.

*Prerequisites:* None.

Seminar 2 hours. Project 3 hours.

C. Harrington, R. Newcomer

Course examines long-term care policies, with a special emphasis on nursing homes, home health care, and home- and community-based waiver programs. Issues around the long-term care labor market, access to services, quality of care and quality of life, and critical cost and legal issues are examined.

SOC BEH SCI

**227. Advanced Seminar in Organizational Analysis of U.S. Health Care.** (1-2) § Sp.

*Prerequisites:* Successful completion of S225 or similar introduction to organizational analysis of healthcare.

Seminar 1 hour. Project 3 hours.

M. Kitchener

Seminar allows those who have completed an introductory course in organizational analysis to extend their capacity to conduct theory- based research in healthcare settings. The seminar considers recent applications of theoretical perspectives such as institutional theory and participants develop an analytical framework for a research project of their choice using a generic model, the weekly reading and class discussion.

SOC BEH SCI

**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 SCI

**233. Sociology of Aging.** (3) § W., Sp.

Lecture 2 hours. Lab 3 hours.

P. Fox

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 SCI

**235. Tobacco Control Policy Issues.** (1-3) § Sp.

*Prerequisites:* None.

Lecture 1 hour. Seminar 2 hours. Project 3 hours.

R. Malone, E. Smith

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 SCI

**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, J. Shim

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

SOC BEH SCI

**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.

A. Clarke

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 SCI

**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 SCI

**245. Gender, Race & Coloniality.** (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 SCI

**246. Communications & Policy Leadership.** (3) § Sp.

*Prerequisites:* None. Lecture 1 hour. Seminar 1 hour.

R. Malone

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

SOC BEH SCI

**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 SCI

**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 SCI

**260. Policy and Politics of Health.** (2-5) § F, 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 SCI

**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 SCI

**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 SCI

**282. Sociology of Science/Technology.** (2-4) § W.

Lab 0-6 hours. Seminar 2 hours.

A. Clarke

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

SOC BEH SCI

**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 SCI

**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 SCI

**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 SCI

**285B. Qualitative Methods II. (5) § W.**

*Prerequisites:* S285A and second-year doctoral students.

Seminar 3 hours. Field work 6 hours.

A. Clarke, H. Kennedy

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 SCI

**285C. Qualitative Analysis. (3) § F., W., Sp.**

*Prerequisites:* S285AB/N285AB.

*Restrictions:* 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 SCI

**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 SCI

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

*Prerequisites:* N209, N212 or equivalent, B187 and doctoral students only.

*Restrictions:* None.

Lecture 3 hours.

*Staff*

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.

INTERDEPART



**289B. Advanced Quantitative Research Methods II. (3-5) § W.**

*Prerequisites:* N209, N212, B187, N289A or equivalent.

*Restrictions:* None.

Lecture 5 hours.

R. Newcomer, J. Mullan

The second course in a two-quarter series provides a practical understanding of the statistical procedures including logistic regression, repeated measures, survival analysis, latent variables and structural equation modeling, and cost effectiveness analysis. Attention is given to "how and when" to use each, how to diagnose and adjust to violations of the functional form and other assumptions of these procedures, and how to interpret computer output.

INTERDEPART

**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 SCI

**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 SCI

