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/gencat/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.shtmf).

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**

**N141. Pharmacology & Nursing Care.** (3) [Summer]
*Prerequisites:* None
Lecture 3 hours.
L. Day
The 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.

**PHYSIOLOGICAL NURSING**

**N142. Introduction to Nursing.** (11) [Summer]
*Prerequisites:* None
Patient Contact 24 hours. Lecture 3 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. Coincident laboratory design to develop skills and knowledge common to the nursing care of adults.

**PHYSIOLOGICAL NURSING**

**N143. Effective Communication.** (3) [Fall Winter]
*Prerequisites:* None
Lecture 3 hours.
S. Ziehm, S. Proctor
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.

**COMMUNITY HEALTH SYSTEMS**
N144. **Adult Medical-Surgical/Geriatric Nursing.** (13.5) [Fall Winter]

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

Lecture 4 hours.
M. Scott, L. Day

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

**PHYSIOLOGICAL NURSING**

N145. **Pathophysiology.** (5) [Summer]

**Prerequisites:** Admission to the UCSF Masters 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.

**PHYSIOLOGICAL NURSING**

N146. **Parent-Child Nursing.** (7.5) [Winter Spring]

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

Patient Contact 10.5 hours. Lecture 4 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.

**FAMILY HEALTH CARE NURSING**

N147. **Childbearing Families.** (7.5) [Fall Winter Spring]

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

Patient Contact 10.5 hours. Lecture 4 hours.
L. Chiarello

Focuses on biophysiosocial 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.

**FAMILY HEALTH CARE NURSING**

N148. **Socio-Cultural Issues in Health/Illness.** (2) [Fall Winter]

**Prerequisites:** N142

Lecture 2 hours.
J. Martin-Holland, L. Chiarello

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

**FAMILY HEALTH CARE NURSING**

N149. **Psychiatric Mental Health Nursing.** (6) [Winter Spring]

**Prerequisites:** N140, N141, N142, N143, N144, N145, N146.

Lecture 3 hours.
S. Ziehm

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.

**COMMUNITY HEALTH SYSTEMS**
N150. Community Health Nursing. (8.5) [Fall Spring]
Prerequisites: N140, N141, N142, N145.
Lecture 3 hours. Clinical Experience 16.5 hours.
S. Proctor
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.
COMMUNITY HEALTH SYSTEMS
N151. Issues in Nursing. (3) [Spring]
Prerequisites: 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.
FAMILY HEALTH CARE NURSING
N187. Scientific Writing. (1) [Winter]
Prerequisites: None
Lecture 1 hour.
J. Martin-Holland
Course reviews academic & 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.
PHYSIOLOGICAL NURSING
N201A. Curriculum Development. (2) § [Fall]
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.
PHYSIOLOGICAL NURSING
N201B. Teaching-Learning Process. (2) § [Winter]
Prerequisites: Enrollment in a 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 (distributed) education will be explored.
PHYSIOLOGICAL NURSING
N201C. Methods of Clinical Instruction. (2) § [Spring]
Prerequisites: None
Seminar 2 hours.
L. Day, 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.
PHYSIOLOGICAL NURSING
N202A. Theory Development in Nursing. (3) § [Fall]
Prerequisites: None
Seminar 2 hours. Lecture 1 hour.
J. Faucett, C. Portillo
Critical analyses of contemporary strategies for the development of nursing theory building, particularly as they relate to selected nursing phenomenon and an in depth analyses of selected theoretical schools of thought.

COMMUNITY HEALTH SYSTEMS

N202B. Behavior Theories for Nursing Research. (2) § [Spring]
Prerequisites: N202A or N264 or consent of instructor
Seminar 2 hours.
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.

COMMUNITY HEALTH SYSTEMS

N203. End-of-Life Care Across Practice Settings. (2) § [Spring]
Prerequisites:
Seminar 2 hours.
T. Koetters
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.

PHYSIOLOGICAL NURSING

N204. Pathophysiology in Family Primary Care. (3) § [Spring]
Prerequisites: Completion of N270
Lecture 3 hours.
E. Scarf, 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.

FAMILY HEALTH CARE NURSING

N205. Concepts in Chronic Illness. (2) § [Winter]
Prerequisites: N221 or N279 or permission of instructor
Lecture 2 hours.
C. Chesla
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.

FAMILY HEALTH CARE NURSING

N206A. Research on Management of Psychiatric Conditions. (3) § [Fall]
Prerequisites: N227
Lecture 3 hours.
L. Chafetz
Course analyzes research on current practice approaches to adults with mental illness and children with severe emotional disturbance. The emphasis is on psycho-therapeutic and psycho-educational interventions and long-term management of psychiatric symptomatology. This course fulfills the School of Nursing requirement for coursework in research utilization.

COMMUNITY HEALTH SYSTEMS

N207A. Communicating with the Latino Patient I. (1) § [Winter]
Prerequisites: Students must demonstrate to instructor intermediate level of Spanish to enroll in course
Seminar 1 hour.
P. Bernal de Phels
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 verb tense and within the socio-cultural background of selected Latin American groups.

FAMILY HEALTH CARE NURSING

N207B. Communicating with the Latino Patient II. (1) § [Spring]
Prerequisites: Consent of instructor and successful completion of N207A
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 complex 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.

FAMILY HEALTH CARE NURSING

N208A. Human Pathophysiology & Aging. (3) § [Fall]
Prerequisites:
Lecture 3 hours.
E. Froelicher
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.

PHYSIOLOGICAL NURSING

N208B. Human Pathophysiology and Aging. (3) § [Winter]
Prerequisites:
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.

PHYSIOLOGICAL NURSING

N209A. Comparative Qualitative Research Design. (2) § [Fall]
Prerequisites:
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 question to be asked and the existing knowledge in the area.

FAMILY HEALTH CARE NURSING

N209B. Quantitative Research Designs. (2) § [Fall]
Prerequisites: Enrollment in Doctoral Program in Nursing or consent of instructor
Lecture 2 hours.
G. Padilla, B. Cooper, N. Stotts
Course provides critical analysis of techniques used 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.

PHYSIOLOGICAL NURSING

N210A. Introduction to Healthcare Informatics. (3) § [Fall Winter]
Prerequisites: None
Lecture 3 hours.
D. Wantland
Introduction and overview of healthcare 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).

COMMUNITY HEALTH SYSTEMS

N211A. Leadership in Health Care. (2) [Spring]
Prerequisites: None
Lecture 2 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.

COMMUNITY HEALTH SYSTEMS

N211B. Strategy in Healthcare Organizations. (2) [Fall]
Prerequisites: None
Lecture 2 hours.
J. Hirsch, E. O’Neil
This course examines the principles of organizational change in health care systems, and presents an overview of strategic management tools with an emphasis on their practical application to nurse-led environments. These include decision making, effective communication and performance improvement.

COMMUNITY HEALTH SYSTEMS

N211.01. Issues in Nursing Administration and Leadership. (2) [Fall]
Prerequisites: None.
Lecture 2 hours.
J. Hirsch
Course provides an opportunity for students to learn from experts in nursing administrative and leadership position, and to participate in dialogue with faculty and classmates on topics of interest and concern to nursing leaders. The course provides for development of knowledge and skill acquisition through group discussions, guest lectures, mentoring and case presentation.

COMMUNITY HEALTH SYSTEMS

N212A. Qualitative Data Collection & Ethics. (2) [Spring]
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.

FAMILY HEALTH CARE NURSING

N212B. Quantitative Measurement and Theory. (3) [Spring]
Prerequisites: N209B
Lecture 3 hours.
J. Chen, R. Slaughter
Course critically evaluates concepts underlying measurement reliability and validity. Construction of measurement tools and their use in quantitative research will be explored.

PHYSIOLOGICAL NURSING

N213A. Common Problems of Cancer Care. (3) [Fall]
Prerequisites: None
Seminar 3 hours.
M. Dodd
Course addresses the theoretical and scientifically based clinical perspectives essential to managing common problems of the person with cancer and HIV/AIDS related malignancies. This includes nursing interventions, self-care and ambulatory/home measures across the illness continuum of these disease states.

PHYSIOLOGICAL NURSING

N213B. Oncologic Emergencies. (3) [Winter]
Prerequisites: None
Lecture 3 hours.
C. Miaskowski
Course addresses 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 as: spinal cord compression, sepsis, superior vena cava syndrome, and pneumocystis carinii pneumonia.

PHYSIOLOGICAL NURSING

N213C. Chemotherapy Seminar. (2) § [Winter]
Prerequisites: None
Seminar 1 hour. Lecture 1 hour.
T. Koetters
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.

PHYSIOLOGICAL NURSING

N215. Advanced Practice in Community Health. (3) § [Winter]
Prerequisites: None
Lecture 3 hours.
C. Waters
Course includes a comprehensive analysis of theory, methods and research to assess, plan, intervene, and evaluate health risks and resources for diverse populations and their interface with community and public health systems.

COMMUNITY HEALTH SYSTEMS

N215.01. Global Community Health Planning & Interventions. (3) § [Spring]
Prerequisites: 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.

COMMUNITY HEALTH SYSTEMS

N216A. Cardiovascular Disease I. (3) § [Fall]
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.

PHYSIOLOGICAL NURSING

N216B. Cardiovascular Disease II. (3) § [Winter]
Prerequisites: Nursing Management of CV Disease I 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.

PHYSIOLOGICAL NURSING

N217A. Care of High-Risk Populations I. (2) § [Spring]
Prerequisites: Enrollment in Family Nurse Practitioner (FNP) Program or consent of instructor
Lecture 2 hours.
M. White, C. Chesla
Course introduces concepts of health care disparities, epidemiology of health conditions, and public health implications of caring for high-risk populations,
emphasizing 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 prepares students for N217B-Care of the High-Risk Populations II.

FAMILY HEALTH CARE NURSING

N217B. Care of High-Risk Populations II. (2) § [Winter]
Prerequisites: Enrollment in FNP Program and completion of N217A (Care of High-Risk Populations I) or consent of instructor
Lecture 2 hours.
J. Makonnen
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.

FAMILY HEALTH CARE NURSING

N217C. Primary Care of High-Risk & Vulnerable Elders. (2) § [Spring]
Prerequisites: Enrollment in the Family Nurse Practitioners. Completion of N270, N246, N247, N247.02A, N247.02B, N217A, N217B.
Lecture 2 hours.
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 to provide medical and nursing care to this population.

FAMILY HEALTH CARE NURSING

N219. Psychiatric Assessment. (2-3) § [Winter]
Prerequisites: None
Lecture 2 hours. Lab (optional 3 hours).
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.

COMMUNITY HEALTH SYSTEMS

N220. Academic Role Development. (2) § [Winter]
Prerequisites: None
Seminar 2 hours.
S. Robinson, 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 include teaching, mentoring students, and university/public service. This seminar will develop the skills required for achieving success in an academic career.

PHYSIOLOGICAL NURSING

N220.01. Academic Role Preparation I. (1) § [Fall Winter Spring]
Prerequisites: Admission to Doctoral Program
Seminar 1 hour.
N. Stotts, D. Fontaine
Seminar is designed to enhance students’ knowledge of faculty roles & responsibilities. It will explore how the roles vary, dependent on the level of teaching (associate degree, baccalaureate) & type of institution (public, private). Performance expectations & evaluative criteria for merit & promotion will be addressed.

PHYSIOLOGICAL NURSING
N220.02. Academic Role Preparation II. (1) § [Fall Winter Spring]  
**Prerequisites:** Admission to Doctoral Program  
Seminar 1 hour.

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

N220.03. Academic Role Preparation III. (1) § [Fall Winter Spring]  
**Prerequisites:** Admission to the nursing doctoral program and completion of Academic Role Preparation I & II  
Seminar 1 hour.

M. Wallhagen, D. Fontaine  
Seminar is designed to facilitate the doctoral student’s transition from student role into an academic position. Strategies for effective management of faculty role and responsibilities will be reviewed. Students will evaluate various academic career management strategies and have an opportunity to practice skills such as interviewing and professional presentation of self.  
PHYSIOLOGICAL NURSING

N221. Theory in Advanced Practice Nursing. (2) § [Fall Spring]  
**Prerequisites:**  
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.  
PHYSIOLOGICAL NURSING

N221.01. Theories Related To Nursing Care of the Adult. (3) § [Fall]  
**Prerequisites:**  
Lecture 3 hours.  
V. Canieri-Kohlman  
Course provides an 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 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.  
PHYSIOLOGICAL NURSING

N222A. Clinical Management of Chronic Illness I. (2) [Winter]  
**Prerequisites:** Completion of N246, N247, and 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.  
FAMILY HEALTH CARE NURSING

N222B. Clinical Management of Chronic Illness II. (2) § [Spring]  
**Prerequisites:** Completion of N222A, N246, N247, N247.02A & N247.02B, or instructor approval. Completion of N205 recommended  
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.

FAMILY HEALTH CARE NURSING

N223A. Symptom Research Proseminar. (2) § [Fall]
Prerequisites: Symptom Management Trainee or approval of adviser
Seminar 2 hours.
J. Humphreys
Course focuses on theories and research related to symptom perception and evaluation.

INTERDEPARTMENTAL

N223B. Symptom Research Proseminar. (2) § [Winter]
Prerequisites: Symptom Management Trainee or approval of adviser
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.

INTERDEPARTMENTAL

N223C. Symptom Research Proseminar. (2) § [Spring]
Prerequisites: Symptom Management Trainee or approval of adviser
Lecture 2 hours.
V. Carrieri-Kohlman
Course discusses biopsychosocial and economic outcomes that may be related to the symptom experience and management strategies. Measurement issues for these outcomes are presented with discussion of validity and reliability issues. Research studies related to these variables are critiqued.

INTERDEPARTMENTAL

N225. Cardiac Rhythm: Theory & Analysis. (2) § [Spring]
Prerequisites: Symptom Management Trainee or approval of adviser
Lecture 2 hours.
B. Drew
Cardiac electrophysiology in normal and pathological states and the scientific base for nursing's response to cardiac arrhythmias. Includes: theory and research on the mechanisms, diagnosis, electrographic monitoring and treatment of arrhythmias and the use of the electrocardiogram for nursing research.

PHYSIOLOGICAL NURSING

N226. Managed Care: Clinical Implications. (1) § [Spring]
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.

PHYSIOLOGICAL NURSING

N227. Theories of Mental Illness. (3) § [Fall]
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.

COMMUNITY HEALTH SYSTEMS
N228. Concepts in Nursing Practice. (2) § [Winter]
Prerequisites: Lecture 2 hours.
V. Cameri-Kohlman
Course examines selected clinical concepts from their scientific and theoretical bases. 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 concept analysis.

PHYSIOLOGICAL NURSING

N229. Philosophy of Nursing Science. (3) § [Winter]
Prerequisites: Doctoral standing or consent of the instructor Seminar 1 hour. Lecture 2 hours.
S. Rankin, T. Lindgren
Contemporary philosophic viewpoints on the nature of nursing science, addressing natural science, integrative science, and human science traditions and scientific integrity.

INTERDEPARTMENTAL

N230. Measuring Outcomes of Healthcare. (3) § [Fall]
Prerequisites: None
Lecture 3 hours.
V. Cameri-Kohlman
Course presents current approaches and methods for clinical effectiveness and outcomes evaluation. The influence of patient, provider, and organizational factors on clinical effectiveness and outcomes evaluation are critically analyzed.

PHYSIOLOGICAL NURSING

N231A. Substance Use and Mental Illness. (2) § [Spring]
Prerequisites: Enrollment in Psychiatric Masters 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.

COMMUNITY HEALTH SYSTEMS

N232. Adult Clinical Pharmacology. (4) § [Winter]
Prerequisites: N270 or consent of instructor Online-Hybrid 3 hours. Lecture 2 hours.
E. Macera
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.

PHYSIOLOGICAL NURSING

N232.04A. Pediatric Pharmacology. (2) § [Spring]
Prerequisites: Past or concurrent enrollment in N246-Signs & Symptoms and N283-B-Pediatric Common Illness, or, consent of the 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.

FAMILY HEALTH CARE NURSING

N232.04B. Complex Topics in Pediatric Pharmacology. (2) § [Winter]
Prerequisites: Successful completion of N232.04A-Pediatric Pharmacology and successful completion of/or concurrent enrollment in N283C-Complex
Pediatric Conditions or consent of the instructor
Online-Hybrid 6 hours. Lecture 2 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.

FAMILY HEALTH CARE NURSING

N232.05. Antibiotic Therapeutics in Acute Care. (2) § [Spring]
Prerequisites:
Online-Hybrid 4.5 hours. Lecture 0.5 hours.
J. 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 & neurological infections.

PHYSIOLOGICAL NURSING

N232.07A. Neonatal Pharmacology. (2) § [Spring]
Prerequisites: Concurrent enrollment in N254.01 or permission of instructor
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.

FAMILY HEALTH CARE NURSING

N232.07B. Complex Pharmacologic Strategies for Neonates/Infants. (2) § [Winter]
Prerequisites: Successful completion of N254.01 and N254.02 (Neonatal/Infant Pathophysiology) or permission of instructor
Online-Hybrid 6 hours. Lecture 2 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.

FAMILY HEALTH CARE NURSING

N234. Program Development & Management. (3) § [Spring]
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.

COMMUNITY HEALTH SYSTEMS

N236A. Complementary Healing. (3) § [Fall]
Prerequisites: None
Lecture 3 hours.
J. Sweet
Course provides the conceptual framework for understanding complementary approaches to health and healing, as well as holistic nursing practice.

COMMUNITY HEALTH SYSTEMS

N236D. Complementary Healing in Nursing. (3) § [Winter]
Prerequisites: N236A and B
Workshop/Field work 30 hours. Lecture 2 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.

COMMUNITY HEALTH SYSTEMS

N238A. Child Development & Alterations in Behavior. (3) § [Winter]
Prerequisites: 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 special settings will be reviewed.

FAMILY HEALTH CARE NURSING

N238B. Adolescent Development. (2) § [Spring]
Prerequisites: Lecture 2 hours.
S. Kools
Course explores relevant theory, literature, and research findings dealing with normal development during the adolescent period.

FAMILY HEALTH CARE NURSING

N239A. Nutrition in Acute Care Patients. (1) § [Fall Winter Spring Summer]
Prerequisites: None
Seminar 1 hour.
R. Garbez
Course focuses on examination of nutritional issues in acute care nursing practice. Guided study addresses the biochemical basis of nutrition during maintenance, starvation, and hypermetabolism. The nutritional needs to selected patient populations and major therapeutic nutritional modalities are addressed.

PHYSIOLOGICAL NURSING

N239A.04. Nutritional Issues in Pediatric Nursing. (1) § [Winter]
Prerequisites: None
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.

FAMILY HEALTH CARE NURSING

N239A.07A. Topics in Neonatal & Pediatric Nutrition. (1-2) § [Winter]
Prerequisites: Permission of instructor
Lecture 1 hour. Independent module/guided study 3 hours.
A. Carley
Course will build upon basic nutrition content and will prepare participants to address the nutritional need 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.

FAMILY HEALTH CARE NURSING

N240A.01. Biomarkers I. (2) § [Fall]
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.

COMMUNITY HEALTH SYSTEMS
N240.02. Biomarkers II.  (2) § [Winter]
Prerequisites: Doctoral enrollment or 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.
PHYSIOLOGICAL NURSING

N240.03. Research in Grief & Bereavement.  (2) § [Spring]
Prerequisites: None
Seminar 2 hours.
A. Hughes, E. Davies
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.
FAMILY HEALTH CARE NURSING

N240.04. Violence & Health.  (2) § [Spring]
Prerequisites: None
Seminar 2 hours.
J. Humphreys
Seminar focuses on family violence and its impact on health, family, and community.
FAMILY HEALTH CARE NURSING

N240.05. Vulnerable Women & Their Well-Being.  (3) § [Winter Spring]
Prerequisites: None
Seminar 3 hours.
H. Kennedy, K. Lee, 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 wellbeing including global strategies for improving the health of women, their families and communities.
FAMILY HEALTH CARE NURSING

N240.06. Seminar on HIV/AIDS Prevention & Care.  (1) § [Fall Winter Spring]
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.
COMMUNITY HEALTH SYSTEMS

N240.08. Advanced Child Developmental Science.  (2) § [Spring]
Prerequisites: None
Seminar 2 hours.
S. Kools, C. Kennedy, S. Weiss
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.
INTERDEPARTMENTAL

N240.09. Health Policy I.  (2) § [Fall]
Prerequisites: Doctoral enrollment or by permission of instructor.
Seminar 2 hours.
C. Hamington
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.
SOCIAL & BEHAVIORAL SCIENCE
N240.10. Health Policy II.  (2) § [Spring]
Prerequisites: Doctoral enrollment or by permission of instructor.
Seminar 2 hours.
C. Harrington
Course addresses new health services 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.

SOCIAL & BEHAVIORAL SCIENCE
N240.11. Occupational & Environmental Health Research Seminar.  (1-5) § [Fall Winter Spring]
Prerequisites: Consent of instructor
Seminar 1 hour. Field Work 0-12 hours.
O. Hong
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.

COMMUNITY HEALTH SYSTEMS
N240.12. Family Health & Relational Research.  (2) § [Winter]
Prerequisites: N290 or consent of instructor; enrollment in a doctoral program.
Seminar 1 hour. Lecture 1 hour.
C. Chafetz
Course provides an overview of research issues in family and dyadic research. It focuses on family and relational research methods providing participants with 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.

FAMILY HEALTH CARE NURSING
N240.13. Research Methods: Psychological Factors.  (2) § [Spring]
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.

COMMUNITY HEALTH SYSTEMS
N240.14. Health Promotion & Chronic Disease Prevention.  (2) § [Spring]
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 illness 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.

COMMUNITY HEALTH SYSTEMS
N240.15. Gerontological Nursing Research.  (2) § [Fall]
Prerequisites: None
Seminar 2 hours.
M. Wallhagen
Advanced nursing seminar involves a critical investigation of gerontological nursing research with an emphasis on theoretical and methodological perspectives.
N240.16. Research Issues in Aging: Interdisciplinary Perspectives. (2) § [Winter]
Prerequisites: None
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.

PHYSIOLOGICAL NURSING

N240.17. Cardiovascular Disease Epidemiology. (1-3) § [Spring]
Prerequisites: Suitable for doctoral students in all four schools, post-doctoral students, research fellows and visiting scientists.
Seminar 1-2 hours. Lecture 1 hour.
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.

PHYSIOLOGICAL NURSING

N240.18. Workforce & Health Systems. (2) § [Winter]
Prerequisites: None
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.

COMMUNITY HEALTH SYSTEMS

N240.19. Quality & Safety of Patient Care. (3) [Spring]
Prerequisites: None
Lecture 3 hours.
M. Blegen
Seminar will focus on research that identifies problems with the quality and safety of patient care through reading original research reports and compilation and review of this work. Students will select a recommendation for improvement, thoroughly review and critique the research base underlying it, and suggest possible research projects that would implement the recommendation and evaluate the impact.

COMMUNITY HEALTH SYSTEMS

N241. Dimensions of Advanced Practice Nursing. (2) § [Fall]
Prerequisites: Enrollment in graduate nursing program.
Lecture 2 hours.
D. Fontaine, K. Dracup
Course provides students the opportunity to define the social, political, legal, legislative, regulatory, and organizational factors that influence advanced nursing practice.

PHYSIOLOGICAL NURSING

N241.04. Professional Issues in Pediatric Nursing. (1) § [Spring]
Prerequisites: Enrollment in the APPN program and completion of N241 Dimensions in Advanced Practice Nursing or consent of instructor.
Lecture 1 hour.
K. Duderstadt
This 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 Dimensions of Advanced Practice Nursing with content and discussions on pediatric advanced practice and role delineation.

FAMILY HEALTH CARE NURSING

N241.06. Professional Issues in Midwifery Practice. (1) § [Winter]
Prerequisites: Enrollment in Nurse-Midwifery specialty
Lecture 1 hour.
A. Levi

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Course expands content of N241-Dimensions of Advanced Practice Nursing 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.

**FAMILY HEALTH CARE NURSING**

**N242A. HIV/AIDS: An Overview.** (2) § [Fall]
*Prerequisites:* None
Seminar 1 hour. Lecture 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.

**COMMUNITY HEALTH SYSTEMS**

**N242B. HIV/AIDS: Clinical Pharmacology.** (1) § [Fall-Spring]
*Prerequisites:* None
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.

**COMMUNITY HEALTH SYSTEMS**

**N242C. HIV/AIDS: Population-Based Chronic Illness Care.** (1) § [Spring]
*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 system.

**COMMUNITY HEALTH SYSTEMS**

**N242D. HIV/AIDS: Integrated Care.** (3) § [Fall]
*Prerequisites:* N242A, N242B, N242C
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.

**COMMUNITY HEALTH SYSTEMS**

**N242.01. HIV/AIDS: Seminar.** (1) § [Winter]
*Prerequisites:* N242A, N242B, N242C, N242D
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.

**COMMUNITY HEALTH SYSTEMS**

**N242.02. HIV/AIDS: Seminar.** (1) § [Spring]
*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.

**COMMUNITY HEALTH SYSTEMS**

**N243.01. Family Therapies.** (3) § [Winter]
*Prerequisites:* None
Lecture 3 hours.
B. Phoenix
Course examines theories of family therapies and their application to the practice of psychiatric nursing. Particular areas of emphasis are working with families of the seriously mentally ill and families experiencing trauma. Family assessments and supportive, educational, and therapeutic interventions will be described and evaluated.

COMMUNITY HEALTH SYSTEMS

N243.02. Group Psychotherapies. (2) § [Fall Winter]
Prerequisites: Psychiatric/Mental Health students of consent of instructor Seminar 2 hours.
B. Phoenix
Students will examine and discuss theories and practice of various group modalities in current use.

COMMUNITY HEALTH SYSTEMS

N243.03. Adult Psychotherapeutic Treatment Modalities. (2) § [Spring]
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.

COMMUNITY HEALTH SYSTEMS

N244. Treating Psychological Responses to Traumatic Events. (2) § [Spring]
Prerequisites: None
Lecture 2 hours.
B. Phoenix
Course examines theories from social, behavioral, and neuroscience that explain human responses to different types of trauma and applies developmental theories to understand effects of traumatic events on persons across the lifespan. Explores assessment and intervention with individuals, families and populations with past or current experience of physical, sexual, or emotional violence, as well as disaster or terrorism victims. Emphasizes approaches to address both acute and chronic responses.

COMMUNITY HEALTH SYSTEMS

N245. Health Protection & Promotion. (2) § [Winter]
Prerequisites: None
Lecture 2 hours.
R. Oka
Course emphasizes principles of individual health protection and promotion across the lifespan 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.

COMMUNITY HEALTH SYSTEMS

N245.01. Seminar in Adult Primary Care: Health Promotion. (1-2) § [Winter]
Prerequisites: N270, presently enrolled in N245, or consent of instructor Seminar 1 hour.
J. Taylor-Woodbury
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.

COMMUNITY HEALTH SYSTEMS

N245.02. Seminar in Family Primary Care. (2) § [Winter]
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.

FAMILY HEALTH CARE NURSING

N245.03. Seminar in Gerontological Primary Care. (1) § [Winter]
Prerequisites: Concurrent course N245 Health Protection and Promotion
Seminar 1 hour.
L. Mackin
Seminar is taken concurrently with N245 and provides specialty content necessary for gerontological primary care nurse practitioners. Application from N245 lectures will be made to the specialty area using case presentations and other relevant learning strategies.

PHYSIOLOGICAL NURSING

N245.04. Pediatric Health Promotion and Protection. (2-3) § [Fall]
Prerequisites: None
Lecture 2 hours.
N. Schapiro
This course provides integration of theories of health promotion and maintenance into the provision of well child and adolescent care. This course includes screening, management of normal behavioral and developmental stresses, and counseling for parents and children to promote growth and development and reduce risk.

FAMILY HEALTH CARE NURSING

N245.04A. Seminar in Pediatric Health Promotion. (1) § [Fall Winter]
Prerequisites: Satisfactory completion of N245.04-Pediatric Health Promotion and concurrent enrollment in N404.02-Advanced Practice Pediatric Clinical Residency or consent of faculty of record.
Seminar 1 hour.
A. Chen
Seminar focuses on pediatric health maintenance, encompassing prevention, health promotion, & 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 & the role of the Advanced Practice Pediatric Nurse in working with the family in assessing common health issues.

FAMILY HEALTH CARE NURSING

N245.05. Health Promotion in Acute Care. (2) § [Fall]
Prerequisites: None
Lecture 2 hours.
M. Hawk
Course provides specialty content necessary for Acute Care Nurse Practitioners (ACNP) to institute health promotion and maintenance activities in the care of stable, hospitalized patients using clinical decision-making models.

PHYSIOLOGICAL NURSING

N245.07. Infant Neuromotor & Behavioral Development. (3) § [Winter]
Prerequisites: Course must be taken in conjunction with N406-Practicum in Family Health Care Nursing
Lecture 2 hours.
C. Kennedy, M. Lynch
Course explores scientific literature related to health promotion strategies for both healthy and ill neonates and infants. Course content will emphasize neuromotor and behavioral development of the infant with either acute or chronic illness.

FAMILY HEALTH CARE NURSING

N246. Symptom Assessment & Management. (3) § [Spring]
Prerequisites: Satisfactory completion of courses: N270, N245
Lecture 3 hours.
M. Scott
Course introduces students to signs and symptoms of illness across the life span that are commonly encountered in ambulatory care. Symptoms and signs will be analyzed using a clinical decision-making model.

FAMILY HEALTH CARE NURSING

N246.01. Seminar in Adult Primary Care. (1) § [Spring]
Prerequisites: Completion of N270 and accompanying skills lab, N245 and related practicum, and presently enrolled in N246
Seminar 1 hour.
F. Dreier
Seminar is taken concurrently with N246 and provides the specialty content necessary for 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.

COMMUNITY HEALTH SYSTEMS

N246.02. Seminar in Family Primary Care. (2) § [Spring]
Prerequisites: Concurrent enrollment in N246
Seminar 2 hours.
B. Hollinger, J. Makonnen
Seminar is taken concurrently with N246-Symptom Assessment and Management 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.

FAMILY HEALTH CARE NURSING

N246.03. Seminar in Gerontological Primary Care. (1) § [Spring]
Prerequisites: None
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.

PHYSIOLOGICAL NURSING

N246.06. Nurse-Midwifery Primary Care. (1) § [Spring]
Prerequisites: Enrollment in Nurse-Midwifery specialty and concurrent enrollment in N246
Seminar 1 hour.
P. Bernal de Pheils
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.

FAMILY HEALTH CARE NURSING

N247. Complex Health Problems & Management. (3) § [Fall]
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.
J. Saxe
Course introduces 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.

COMMUNITY HEALTH SYSTEMS

N247.01. Seminar in Adult Primary Care: Complex Health Problems. (2) § [Winter]
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.

COMMUNITY HEALTH SYSTEMS
N247.02A. Seminar in Family Primary Care. (3) § [Fall]
Prerequisites: Completion of N246 and concurrent enrollment in N247 Seminar
S. Project 1 hour.
E. Monasterio, E. Scarr
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.
FAMILY HEALTH CARE NURSING
N247.02B. Seminar: Advanced Family Primary Care. (2) § [Spring]
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 course
work.
FAMILY HEALTH CARE NURSING
N248. Group Independent Study. (1-6) § [Fall Winter Spring Summer]
Prerequisites: Consent of instructor
Lecture 1-6 hours.
Staff
Students collaborate in clinical investigations and other studies of special prob-
lems in nursing and health sciences. Students may select areas related to their long-term interests and future research or clinical program.
INTERDEPARTMENTAL
N249. Independent Study. (1-5) § [Fall Winter Spring Summer]
Prerequisites: Consent of instructor
Lecture 1-5 hours.
Staff
Student undertakes an independent study with emphasis on special problems
in nursing. Students may select an area for study which is related to his/her area
of interest or future goals.
INTERDEPARTMENTAL
N250. Research. (1-8) § [Fall Winter Spring]
Prerequisites: Admission to doctoral study and consent of instructor
Lecture 10-80 hours.
Staff
Course offers students an opportunity to engage in research with selected
faculty.
INTERDEPARTMENTAL
N252A. Mental Health & High Risk Families. (2) § [Fall]
Prerequisites: Consent of instructor
Lecture 2 hours.
C. Harris-Muchel
Course analyzes the effects of impoverished environments, sociocultural fac-
tors, and mental health problems in the family on the mental health of children
and other family members.
COMMUNITY HEALTH SYSTEMS
N252B. Psychotherapeutic Techniques with Children & Youth. (2) § [Fall]
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.
COMMUNITY HEALTH SYSTEMS
N252C. Mental Health Case Management for Children & Adolescents.  (2) § [Fall]
Prerequisites: N252A and N252B
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.

COMMUNITY HEALTH SYSTEMS

N253. Theories of the Policy Process.  (3) § [Fall]
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 innovation, diffusion and implementation will be integrated with examples of policy problems.

SOCIAL & BEHAVIORAL SCIENCE

N254.01. Neonatal and Infant Pathophysiology.  (3) § [Spring]
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.

FAMILY HEALTH CARE NURSING

N254.02. Neonatal and Infant Pathophysiology.  (3) § [Fall]
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.

FAMILY HEALTH CARE NURSING

N255A. Dx/Rx of Acutely Ill/Injured I.  (3) § [Fall]
Prerequisites: Acute Care Nurse Practitioner student or consent of instructor
Seminar 1 hour. Lecture 2 hours.
R. Garbez, J. 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.

PHYSIOLOGICAL NURSING

N255B. Diagnosis & Treatment of Acutely Ill/Injured II.  (3) § [Winter]
Prerequisites: Acute Care Nurse Practitioner student or consent of instructor or consent of instructor, N255A
Lecture 3 hours.
J. Esquivel
Lecture focuses on diagnosis and treatment of acute illness and injuries affecting body systems such as the cardiac, pulmonary and central nervous systems.

PHYSIOLOGICAL NURSING

N255C. Diagnostics and Therapeutics.  (2) § [Winter]
Prerequisites: Acute Care Nurse Practitioner or Critical Care Trauma student
Lecture 2 hours.
R. Garbez
Course provides content necessary to order and interpret selected diagnostic and therapeutic regimens necessary to make clinical inferences or diagnoses.

PHYSIOLOGICAL NURSING
N257. Assessment/Management of Common Psychiatric Symptoms. (2)
§ [Fall]
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.

COMMUNITY HEALTH SYSTEMS
N259.01. Women’s Reproductive Health. (1-2) § [Fall]
Prerequisites: None
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.

FAMILY HEALTH CARE NURSING
N259.02. Women’s Health: Special Problems. (2) § [Winter Spring]
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.

FAMILY HEALTH CARE NURSING
N259.03. Advanced Women’s Health Seminar. (2) § [Spring]
Prerequisites: Consent of instructor
Seminar 2 hours.
Staff
This 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 includes sociocultural, professional, and ethical issues.

FAMILY HEALTH CARE NURSING
N259.04. Contraception in Primary Care. (1) § [Fall Winter Spring]
Prerequisites: None
Self-paced module 1 hour.
J. Makonnen
This 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.

FAMILY HEALTH CARE NURSING
N260D. Latino Health and Culture. (2) § [Summer]
Prerequisites: Consent of instructor
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.

FAMILY HEALTH CARE NURSING
N260F. Cultural Competency. (2) § [Winter]
Prerequisites: None
Workshop/Field work 20 hours.
C. Bain
Course is designed to provide a variety of experiences using various strategies to enhance the student’s understanding of 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 with class discussions, group microteach exercises and role playing. Preparatory work will be based on the syllabus of required readings.

COMMUNITY HEALTH SYSTEMS

N260G. Disparities in Women’s Health Care. (2) § [Spring]
Prerequisites: Consent of instructor
Seminar 2 hours.
A. Levi
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.

FAMILY HEALTH CARE NURSING

N260H. Global Health & International Nursing. (2) § [Winter]
Prerequisites: None
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.

COMMUNITY HEALTH SYSTEMS

N260I. Culture, Spirituality & Health. (2) § [Spring]
Prerequisites: None
Lecture 2 hours.
Staff
Course will cover multi-cultural healing principles & practices & the role of spirituality in health & 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.

COMMUNITY HEALTH SYSTEMS

N262A. Research Methods. (2) § [Winter]
Prerequisites: None
Lecture 2 hours.
A. Alkon
Course provides advance 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.

FAMILY HEALTH CARE NURSING

N262.01. Research Utilization in Acute & Chronically Ill Adults. (2) § [Spring]
Prerequisites: Successful completion of N262A
Lecture 2 hours.
S. Shapiro, 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 microsystem.

PHYSIOLOGICAL NURSING

N262.02. Family Research Utilization. (2) § [Fall]
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.

FAMILY HEALTH CARE NURSING

N262.03. Pediatric/Family Research Utilization. (2) § [Fall]
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.

FAMILY HEALTH CARE NURSING

N262.04. Perinatal Research Utilization. (2) § [Fall]
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.

FAMILY HEALTH CARE NURSING

N262.05. Primary and Complementary Care Research Utilization. (2) § [Spring]
Prerequisites: Successful completion of N263A Complementary Healing and N264A Advanced Research Methods
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.

COMMUNITY HEALTH SYSTEMS

N262.06. Research Utilization in Health Policy. (2) § [Fall Spring]
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.

SOCIAL & BEHAVIORAL SCIENCE

N265. Cancer Prevention/Early Detection. (2) § [Fall]
Prerequisites: None
Seminar 2 hours.
T. Koetters
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.

PHYSIOLOGICAL NURSING

N267.01. Ethical Issues in Nursing Practice. (3) § [Winter]
Prerequisites: None
Seminar 3 hours.
L. Day, P. Benner
Course explores selected ethical theories including social ethics related to health care and nursing practice. Both institutional and broader health care policies related to ethical issues will be explored in light of virtue and social justice ethics.
N267.04. Neonatal/Ped Ethical Issues. (2) § [Winter]
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.
FAMILY HEALTH CARE NURSING

N269. Human Health and Nursing Systems. (4) § [Fall]
Prerequisites: None
Seminar 4 hours.
B. Drew, C. Kennedy
Course continues analysis of theoretical foundations underlying specific content areas in nursing science. In addition, specific issues related to conducting interdisciplinary research, working with vulnerable groups, the use of technology in research and dissemination of research will be addressed.
INTERDEPARTMENTAL

N270. Advanced Health Assessment. (2) § [Fall]
Prerequisites: None
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.
FAMILY HEALTH CARE NURSING

N270.04. Pediatric Physical Assessment. (2) § [Fall]
Prerequisites: None
Lecture 2 hours.
K. Duderstadt
Course is designed to enhance and complement life span content from N270-Health Assessment. Course focuses on pediatric specialty content.
FAMILY HEALTH CARE NURSING

N270.07. Neonatal/Infant Assessment. (2) § [Fall]
Prerequisites: Course content must be taken in conjunction with N406-Practicum in Advance Neonatal Health Assessment.
Lecture 2 hours.
A. Carley
Course addresses concepts in advance 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.
FAMILY HEALTH CARE NURSING

N271.01. Decision-Making in Adult Primary Care. (3) § [Spring]
Prerequisites: N247; N247.01, N246 or consent of instructor
Lecture 3 hours.
G. Collins-Bride
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.
COMMUNITY HEALTH SYSTEMS

N271.02. Special Problems in Family Primary Care. (2) § [Spring]
Prerequisites: N270, N245, N246, N247, N279 or permission from 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.
FAMILY HEALTH CARE NURSING
N271.04. School Health and Nursing. (3) § [Winter]
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 educa-
tion, the role of the Advanced Practice Nurse in the school setting, comprehen-
sive school health programs, and school health education.

COMMUNITY HEALTH CARE NURSING

N271.06. Mgmt Clin Occup Health Problems. (2) § [Winter Spring]
Prerequisites: Consent of instructor
Lecture 2 hours.
B. Burgel
Multi-disciplinary 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, surveil-
lance and disability evaluation.

COMMUNITY HEALTH SYSTEMS

N272. Children with Special Health Needs. (2) § [Winter]
Prerequisites: N283A,B,C or consent of instructor
Lecture 2 hours.
K. Duderstadt
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.

FAMILY HEALTH CARE NURSING

N273A. Current Concepts in Occup Hlth Nsg. (2) § [Winter]
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 environ-
ment. Emphasis is on planning, development, and evaluation of occupational
health programs.

COMMUNITY HEALTH SYSTEMS

N273B. Issues in Occupational Health. (1) § [Fall Winter Spring]
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 occu-
pational and environmental health related studies; attendance at seminar ses-
sessions, and class participation.

COMMUNITY HEALTH SYSTEMS

N274A. Health Hazards in the Workplace. (4) § [Spring]
Prerequisites: M180 and/or N273A or consent of instructor
Lecture 3 hours. Field Work 3 hours.
P. Quinlan
A prevention-focused course emphasizing the identification of chemical, biolog-
ic, physical, ergonomic, psychological, and safety hazards of work; identifica-
tion of environmental monitoring methods, selection of health surveillance and
safety measure; and discussion of methods to control exposures and injuries.

COMMUNITY HEALTH SYSTEMS
N274B. Factors in Injury Control. (2) § [Fall]
*Prerequisites:* None
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.

COMMUNITY HEALTH SYSTEMS

N274C. Occupational Safety. (2) § [Fall]
*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.

COMMUNITY HEALTH SYSTEMS

N274D. Farmworker Primary Health Care. (2) § [Spring]
*Prerequisites:* N270 (Health Assessment)
Lecture 2 hours.
Staff
Course is an introduction to the diverse Western farmworker population and includes common health problems and the influence of socio-cultural factors and public policy on health systems.

FAMILY HEALTH CARE NURSING

N276. Research Rotation. (1-6) § [Fall Winter Spring Summer]
*Prerequisites:* Completion of first year of doctoral study and consent of adviser
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.

INTERDEPARTMENTAL

N279. Family Nursing Theory and Practice. (3) § [Fall]
*Prerequisites:* None
Lecture 3 hours.
J. Humphreys
Course integrates empirical evidence of reciprocal family and health interactions with family theoretical and therapeutic concepts and ethical reasoning applicable to advanced nursing practice.

FAMILY HEALTH CARE NURSING

N280.02. Evidence Based Practice: Critical Care. (2) § [Spring]
*Prerequisites:* Current enrollment in ACNP Residency - III; ACNP student; or consent of instructor
Seminar 2 hours.
V. Carriker-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.

PHYSIOLOGICAL NURSING

N281A. Management of Antepartum. (4) § [Fall]
*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.

FAMILY HEALTH CARE NURSING
N281B. Management of Intrapartum Care. (4) § [Winter]
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.
FAMILY HEALTH CARE NURSING

N281D. Management of the Newborn. (3) § [Spring]
Prerequisites: Completion of N281ABC & N282ABC.
Lecture 3 hours.
M. Johnston
Course reviews the development of the fetus and newborn, with a focus on the management of the fetus and newborn during pregnancy, birth and the neonatal period. Normal transition from intrauterine environment is examined and potential complications in the newborn period are identified. Adaptation of the family to the neonate is explored within the context of attachment theory and varied cultural and familial traditions.

N282A. Management of Antepartum Complications. (4) § [Fall]
Prerequisites: Enrollment in Nurse-Midwifery specialty
Lecture 4 hours.
J. Diaz-Abarca
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.

N282B. Management of Intrapartum Complications. (4) § [Summer]
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.

N282C. Management of Gynecologic Care. (2) § [Summer]
Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281A, B and N282 A, B
Lecture 2 hours.
C. Belew
Course reviews and analyzes complicated reproductive and gynecologic conditions requiring advanced management skills.

N283A. Pediatric Physiologic Development. (3) § [Fall]
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.

N283B. Common Pediatric Pathophysiology & Clinical Management. (2-3) § [Winter]
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 inter-relationships of human responses, clinical manifestations, and therapeutic interventions will be discussed.

FAMILY HEALTH CARE NURSING

N283C. Complex Pediatric Pathophysiology & Clinical Management. (3) § [Spring]
Prerequisites: N283A, N283B
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 inter-relationships of human responses, clinical manifestations, and therapeutic interventions will be discussed.

FAMILY HEALTH CARE NURSING

N283D. Impact of Genetics on Pediatric Health & Illness. (1) § [Spring]
Prerequisites: Concurrent enrollment in N283A or permission of instructor
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.

FAMILY HEALTH CARE NURSING

N283E. Pediatric Acute Care Pathophysiology & Management. (2) § [Fall]
Prerequisites: Concurrent enrollment in N283C
Lecture 2 hours.
M. McCulley
Course addresses pathophysiologic phenomena related symptomatology, diagnostic evaluation, differential diagnosis & clinical management for conditions occurring in acutely & critically ill children at risk of death.

FAMILY HEALTH CARE NURSING

N283F. Cultural & Ethical Issues in Pediatric End-of-Life Care. (2) § [Winter]
Prerequisites: Concurrent enrollment in N283H Pediatric Palliative Care and/or consent of faculty of record
Lecture 2 hours.
E. Davies
Course provides an overview of philosophy and ethical principles of pediatric palliative care. Addresses cultural, ethical, and existential issues integral to the care of acutely ill children at risk of dying and their families. Emphasis is placed on the sociocultural context of beliefs and values and ethical principles affecting children, families, and health care professionals.

FAMILY HEALTH CARE NURSING

N283G. Complex Clinical Management in Acutely Ill Children. (3) § [Spring]
Prerequisites: Satisfactory completion of N283 E and 283 F
Lecture 3 hours.
M. McCulley
Course integrates the clinical management of the acutely or critically ill child with ethical & cultural considerations important for children at risk of dying & their families. Emphasis is placed on evaluating empirical research & descriptive literature to guide clinical decision-making towards choosing therapeutic interventions that maximize clinical benefits and minimize adverse responses.

FAMILY HEALTH CARE NURSING

N283H. Pediatric Palliative Care. (1) § [Fall]
Prerequisites: Consent of Faculty of Record
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 End-of-Life Nursing Education Consortium (ELNEC) training focuses on pediatric palliative care concepts and teaching strategies.

**FAMILY HEALTH CARE NURSING**

**N283. Pediatric Acute Care Seminar.** (2) § [Fall]
Prerequisites: Successful completion of N404.02 (Spring Year 1), Concurrent enrollment in N404.02 and N283E or permission of instructor.
Seminar 2 hours.
M. McCulley
Course enhances clinical management of acute, chronic and critically ill patients in the pediatric acute care setting through formal case presentations, discussion and other assignments. Seminar will support students to formulate complex therapeutic plans and development of the Acute Care Pediatric Nurse Practitioner role.

**FAMILY HEALTH CARE NURSING**

**N283.03. Common Pediatric Illness Clinical Seminar.** (1) § [Spring]
Prerequisites: Successful completion of N245.04 A and concurrent enrollment in N404.02 and N246, N283 B, & N232.04 A or consent of instructor
Seminar 1 hour.
A. Carley
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.

**FAMILY HEALTH CARE NURSING**

**N283.04. Complex Pediatric Primary Care Seminar.** (1) § [Fall]
Prerequisites: Successful completion of N404.02 (Spring yr 1); concurrent enrollment in N404.02, N283C or permission of instructor
Seminar 1 hour.
A. Chen
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 & other assignments, students will refine their ability to formulate complex care plans, & start to develop other aspects of the Advanced Practice Pediatric nursing role.

**FAMILY HEALTH CARE NURSING**

**N284. Introduction to Radiology.** (1) § [Spring]
Prerequisites: None
Online-Hybrid 1 hour.
J. Taylor-Woodbury
This 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.

**COMMUNITY HEALTH SYSTEMS**

**N285A. Qualitative Methods I.** (5) § [Fall]
Prerequisites: None
Seminar 3 hours. Field Work 6 hours.
S. Kols, H. Pinderhughes
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.

**INTERDEPARTMENTAL**

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N285B. Qualitative Methods II: Analysis. (5) § [Winter]
Prerequisites: N285A
Seminar 3 hours. Field Work 6 hours.
H. Pinderhughes, S. Kools
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.
INTERDEPARTMENTAL
N285C. Interpretive Phenomenology. (2) § [Spring]
Prerequisites: Philosophy courses in Phenomenology (may be acquired outside of 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.
PHYSIOLOGICAL NURSING
N287A. Health Systems Management. (4) § [Fall]
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 structure/redesign of work processes using change theory, and project design and management.
COMMUNITY HEALTH SYSTEMS
N287B. Human Resource Issues in Health Care. (3) § [Spring]
Prerequisites: N287A; Consent of instructor
Lecture 3 hours.
J. Hirsch
Course examines the characteristics, causes and consequences of behavior and experiences of individuals as they function in organizations. Emphasis is on personnel management and other managerial functions.
COMMUNITY HEALTH SYSTEMS
N287D. Financial Management. (3) § [Spring]
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.
COMMUNITY HEALTH SYSTEMS
N287E. Advanced Financial Management. (3) § [Spring]
Prerequisites: N287D
Lecture 3 hours.
J. Hirsch
Course offers financial management concepts including supply/demand models, working capital, financial structures, 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.
COMMUNITY HEALTH SYSTEMS
N287G. Data Management and Analysis. (4) § [Winter]
Prerequisites: None
Lecture 3 hours. Lab 3 hours.
B. Cooper, R. Slaughter
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.

COMMUNITY HEALTH SYSTEMS

N288A. Management of Acutely Ill/Injured I. (3) § [Fall]
Prerequisites: Prior or concurrent enrollment in N208A, N208B or consent of instructor
Seminar 3 hours.
D. Li
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.

PHYSIOLOGICAL NURSING

N288B. Management of Acutely Ill/Injured II. (3) § [Winter]
Prerequisites: Prior or concurrent enrollment in N208A, N208B; prior enrollment in N288A; 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/Multiple Organ Dysfunction Syndrome, oncologic emergencies, and need for resuscitation. Through case studies, students analyze clinical data from multiple sources, make management decisions, and evaluate treatment outcomes.

PHYSIOLOGICAL NURSING

N288C. Issues in Acute Care Advanced Practice. (2) § [Winter]
Prerequisites: Prior or concurrent enrollment in N208A, N208B or consent of instructor
Seminar 1 hour. Lecture 1 hour.
K. Puntillo
This course provides a 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.

PHYSIOLOGICAL NURSING

N288E. Advanced Practice in Trauma Nursing. (2) § [Winter]
Prerequisites: None
Lecture 2 hours.
K. Puntillo, J. Barr
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.

PHYSIOLOGICAL NURSING

N288F. Exacerbations of Chronic Illness. (3) § [Spring]
Prerequisites: Acute Care Nurse Practitioner Program 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.

PHYSIOLOGICAL NURSING

N289A. Advanced Quantitative Research Methods I. (4) § [Fall]
Prerequisites: N209B, N212B, B187, B192 SPSS workshop or completion of SPSS tutorial and consent of instructor
Lecture 3 hours. Lab 2 hours.
A. Alkon, J. Spetz
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.

FAMILY HEALTH CARE NURSING

N289B. Advanced Quantitative Research Methods II. (3) § [Winter]
Prerequisites: N209B, N212B, B187, B192, consent of instructor
Lecture 5 hours.
S. Weiss
This 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.

INTERDEPARTMENTAL

N289.01. Advanced Methods: Meta-Analysis. (2) § [Fall]
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.

FAMILY HEALTH CARE NURSING

N290. Family Theory/Research in Health. (3) § [Fall]
Prerequisites: None
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 are examined.

FAMILY HEALTH CARE NURSING

(4) § [Spring]
Prerequisites: B192-Intro Linear Models, or, the equivalent
Lecture 3 hours. Lab 3 hours.
B. Cooper
Introduces advanced methods for correlated observations. Reviews general linear model methods for linear regression and repeated measures (within subjects) analyses, including limitations of GLM regarding correlated and/or missing data. Presents multilevel model as preferred method for analyzing correlated gaussian data from longitudinal and some hierarchical designs. Introduces generalized estimating equations as additional alternative.

COMMUNITY HEALTH SYSTEMS

N292A. Physiology of Pregnancy. (2) § [Spring]
Prerequisites: Consent of instructor
Project 1. 75 hours. Conference 0.25 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.

FAMILY HEALTH CARE NURSING

N292B. Fetal & Neonatal Risk in Pregnancy. (2) § [Winter]
Prerequisites: None
Lecture 2 hours.
A. Carley
Course addresses fetal and neonatal risks associated with complications of pregnancy. Application of research and clinical outcomes of complex pregnancy and fetal conditions and sequela are highlighted.

FAMILY HEALTH CARE NURSING

N294A. Introduction to Human Genomics. (3) § [Fall]
Prerequisites: None
Online-Hybrid 3 hours. Lecture 2 hours.
B. Aouizerat
Course focuses on the history of genetics, basic human and molecular genetics, and 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.

PHYSIOLOGICAL NURSING

N294B. Medical Genetics for Nursing. (3) § [Winter]
Prerequisites: N294A or consent of instructor
Online-Hybrid 3 hours. Lecture 2 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 transplant, enzyme replacement.

PHYSIOLOGICAL NURSING

N294C. Advanced Practice Nursing in Genetics. (3) § [Spring]
Prerequisites: N294A and N294B
Seminar 1 hour. Lecture 2 hours.
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.

PHYSIOLOGICAL NURSING

N294D. Ethics and Policy in Genetics/Genomics. (3) § [Winter]
Prerequisites: Foundational course work in clinical practice in Genomics Nursing or consent of instructor
Seminar 3 hours.
P. Berner
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.

PHYSIOLOGICAL NURSING

N294E. Topics in Genetics/Genomics. (1) § [Spring]
Prerequisites: Foundational course work in clinical practice in Genomics Nursing or consent of instructor
Seminar 1 hour.
B. Aouizerat
Seminar will present 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, assess to services, cultural sensitivity.

PHYSIOLOGICAL NURSING
N295A. Care of Older Adults.  (3) § [Fall]
Prerequisites: N208A & B or consent of instructor
Seminar 1 hour. Lecture 2 hours.
E. 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.

PHYSIOLOGICAL NURSING

N295B. Care of Older Adults.  (3) § [Winter]
Prerequisites: N208 A & N208 B or consent of instructor
Seminar 1 hour. Lecture 2 hours.
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.

PHYSIOLOGICAL NURSING

N295C. Case Studies in Geriatrics.  (3) § [Spring]
Prerequisites: N232, N270, N245, N295A, N295B
Seminar 2 hours. Lecture 1 hour.
E. Macera
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.

PHYSIOLOGICAL NURSING

N297. Human Responses to Pain.  (2) § [Winter]
Prerequisites: None
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.

PHYSIOLOGICAL NURSING

N298. Thesis or Comprehensive Examination.  (0) § [Fall Winter Spring]
Prerequisites: Advancement to candidacy and permission of the graduate advisor
Other, 0 hours.
Staff
For graduate students engaged in writing the thesis for the masters degree of taking a comprehensive examination required for the masters degree.

INTERDEPARTMENTAL

N299. Dissertation.  (0) § [Fall Winter Spring]
Prerequisites: Advancement to candidacy and permission of the graduate advisor
Other, 0 hours.
Staff
For graduate students engaged in writing the dissertation for the Doctor of Nursing Science (DNS) degree.

INTERDEPARTMENTAL

N404. Clinical Residency.  (4-12) [Fall Winter Spring]
Prerequisites: Consent of instructor.
Lab 12-36 hours.
Staff
Course provides the student an opportunity to apply and evaluate theories, concepts and skills in a work setting under the supervision of a preceptor.

INTERDEPARTMENTAL

N404.01. Adult Primary Care Clinical Residency.  (4-12) [Fall Winter Spring Summer]
Prerequisites: N270, N245, N245.01, N246, N246.01, and consent of instructor.
Seminar 1 hour. Clinical Experience 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.

COMMUNITY HEALTH SYSTEMS

N404.02. Advanced Practice Residency. (2-12) [Fall Winter Spring Summer]
Prerequisites: Consent of instructor.
Clinical Experience 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.

FAMILY HEALTH CARE NURSING

N404.05A. Acute Care Nurse Practitioner Residency I. (2-8) [Fall]
Prerequisites: Prior completion or concurrent enrollment in N255A
Clinical Experience 6-24 hours.
R. Garbez
Course provides a clinical experience in the role of Acute Care Nurse Practitioner. Focus is on decision-making regarding diagnosis and treatment of patients with unstable cardiopulmonary-renal problems commonly seen in acute/critical care clinical settings.

PHYSIOLOGICAL NURSING

N404.05B. ACNP Residency II. (2-8) [Winter]
Prerequisites: Prior or concurrent enrollment in N255B; prior or concurrent enrollment in N288B, ACNP student
Clinical Experience 6-24 hours.
Staff
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.

PHYSIOLOGICAL NURSING

N404.05C. ACNP Residency III. (4-8) [Spring]
Prerequisites: Completion of N255AB
Clinical Experience 12-24 hours.
J. Esquivel
Culminating clinical experience in the role of the ACNP with emphasis on cardiopulmonary, critical care, or Emergency Department/Trauma. Emphasizes the ACNP as principal provider of care, with a designated team, for a specific patient care environment or a specific patient population.

PHYSIOLOGICAL NURSING

N404.07. Acute Care Pediatric Nurse Practitioner Clinical Residency. (3-5) [Fall Winter Spring]
Prerequisites: Successful completion of N404.02 (Spring, year 1); concurrent enrollment in N283C, N283E, and N283I or permission of instructor
Clinical Experience 9-15 hours.
M. McCulley
Course provides application of theories, concepts and skills under the supervision of a clinical preceptor in one or more pediatric acute or critical care practice settings. Clinical experience includes detailed data gathering, refinement of physical assessment skills, development of differential diagnoses and management of the acutely ill pediatric patient at risk of dying.

FAMILY HEALTH CARE NURSING

N405. Practicum in Mental Health & Community Nursing. (1-8) [Fall Winter Spring]
Prerequisites: Consent of Instructor
Clinical Experience 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 designed to develop mastery of advanced skills.

COMMUNITY HEALTH SYSTEMS
N406. Practicum in Family Health Care Nursing. (1-8) [Fall Winter Spring Summer]
Prerequisites: Consent of instructor
Lab 3-24 hours.
Staff
Course provides student opportunity to apply theory in clinical practice to further skills and to extend clinical expertise in selected aspects of family health care nursing. Guided clinical laboratory experience designed to develop mastery of advanced skills.
FAMILY HEALTH CARE NURSING
N407. Practicum in Physiological Nursing. (1-8) [Fall Winter Spring Summer]
Prerequisites: Consent of instructor
Clinical Experience 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 designed to develop mastery of advanced skills.
PHYSIOLOGICAL NURSING
N407.05. ACNP Health Promotion Practicum. (1-6) [Winter]
Prerequisites: Concurrent enrollment in N245 & N245.05, ACNP student
Clinical Experience 3-18 hours.
M. Hawk, R. Garbez
This clinical course is designed to assist students to advance their history & physical examination skills while developing health promotion & maintenance skills for stable hospitalized patients using clinical decision-making models.
PHYSIOLOGICAL NURSING
N407.07. ACNP Therapeutics Skills Lab. (1) [Spring]
Prerequisites: Acute Care Nurse Practitioner 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 & wound care.
PHYSIOLOGICAL NURSING
N407.08. ACNP Chronic Illness Practicum. (2-6) [Spring]
Prerequisites: Concurrent enrollment in N246 & N246.05A, ACNP student
Clinical Experience 6-18 hours.
R. Garbez
Clinical experience focuses on episodic/chronic health needs of hospitalized adults. Emphasizes diagnosis & management of chronic illnesses of patients, e.g., those with diabetes, coronary artery disease, COPD, GI & GU problems, and infectious diseases.
PHYSIOLOGICAL NURSING
N407.09. Skills Lab Clinical Practicum. (1) [Fall]
Prerequisites: Concurrent enrollment or completion of N270
Lab 3 hours.
R. Garbez
Course provides an opportunity to apply theory in clinical practice to further develop skills & to extend clinical expertise in selected aspects of physiological nursing. Guided clinical laboratory experience designed to develop mastery of physiological nursing.
PHYSIOLOGICAL NURSING
N407.10. Clinical Practicum. (1) [Fall]
Prerequisites: Concurrent enrollment or completion of N270
Clinical Experience 1 hour.
M. Hawk
Course provides application of health assessment concepts & skills under supervision of clinical preceptors. Performance of systematic health assess-
Development of an increasing ability to differentiate between normal & abnormal findings. Beginning development of the role of the Acute Care Practitioner, with emphasis on the collaborative relationship & the continuum of care from primary to tertiary settings.

PHYSIOLOGICAL NURSING

N434. Teaching Residency. (4-12) [Fall Winter Spring Summer]
Prerequisites: Consent of instructor
Lab 12-36 hours.
Staff
Course provides the opportunity to apply & evaluate theories, concepts, and skills in the work setting under the supervision of a preceptor.

INTERDEPARTMENTAL

N435. Consultation Residency. (4-12) [Fall Winter Spring]
Prerequisites: Consent of instructor
Lab 12-36 hours.
Staff
Course provides the opportunity to apply & evaluate theories, concepts and skills in the work setting under the supervision of a preceptor.

INTERDEPARTMENTAL

N436. Teaching Practicum. (1-8) [Fall Winter Spring Summer]
Prerequisites: consent of instructor
Lab 3-24 hours.
Staff
Course provides supervised practice in selected components of the teaching role in nursing.

INTERDEPARTMENTAL

N445. System Intervention in Pediatric Nursing. (2) [Spring]
Prerequisites: None.
Clinical Experience 6 hours.
E. 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.

FAMILY HEALTH CARE NURSING

N467. Teaching Residency. (1-3) [Fall Winter Spring Summer]
Prerequisites: Admission to doctoral study & consent of advisor
Lab 3-9 hours.
Staff
Course offers students an opportunity to engage in teaching with selected faculty.

INTERDEPARTMENTAL

N469. Management of Psychotropic Regimens. (2) [Spring]
Prerequisites: None.
Seminar 1 hour. Project 1 hour.
B. Phoenix, K. Johnson
Course focuses on use of medication & other somatic treatments to manage psychiatric disorders. It covers a range of psychiatric disorders, their treatments, & the underlying neurobiological processes.

COMMUNITY HEALTH SYSTEMS

N470. Administration Residency. (2-12) [Fall Winter Spring Summer]
Prerequisites: Completion of N287A,B,D, each with a grade of “B” or higher and consent of instructor
Lab 6-36 hours.
Staff
Course provides an opportunity to apply & evaluate theories, concepts, & skills in the work setting under the supervision of a preceptor.
N471. Practicum in Health Policy. (1-8) [Fall Winter Spring Summer]
Prerequisites: N253, N262A, S228
Lab 3-24 hours.
Staff
Course provides the opportunity to learn hands-on policy & research analysis working with faculty on a policy or research project. Guided laboratory experience is designed to develop mastery in policy analysis or research.
SOCIAL & BEHAVIORAL SCIENCE

N472. Health Policy Residency. (2-8) [Fall Winter Spring Summer]
Prerequisites: N253, N262A, S228
Lab 6-24 hours.
Staff
Course provides the opportunity to apply & 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.
SOCIAL & BEHAVIORAL SCIENCE

NUTRITION

NU218. Nutrition Principles Across the Life Span. (2) § [Fall Winter]
Prerequisites: None
Project 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.
FAMILY HEALTH CARE NURSING

SOCIOLOGY

S201. Violence as a Health Problem in the United States. (2-4) § [Winter Spring]
Prerequisites: None
Lecture 2 hours. Lab 0-6 hours.
H. Pinderhughes
Class 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 causes of violence and different policy approaches to resolve and prevent violence.
SOCIAL & BEHAVIORAL SCIENCE

Prerequisites: None
Seminar 1 hour. Lecture 1 hour.
A. Gardner
Course provides an overview of the "Futures" field, including key history, theory and practice. Course content will review tools that futurists use to envision the future(s). Students will engage in weekly discussions of the readings, with an emphasis on visions of the future, and apply futures concepts to develop alternative scenarios.
SOCIAL & BEHAVIORAL SCIENCE

S205. Health Professions, Occupations and Work. (3) § [Winter]
Prerequisites: None
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, and careers.
SOCIAL & BEHAVIORAL SCIENCE

S207. Sociology of Health and Medicine. (3) § [Winter]
Prerequisites: None
Seminar 2 hours. Lab 3 hours.
J. Shim
Course introduces 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.
SOCIAL & BEHAVIORAL SCIENCE
S208. Social Psychology of Health & Illness. (3) § [Spring]
Prerequisites: Required for doctoral students in Sociology.
Lecture 2 hours. Lab 3 hours.
J. Shim
Course examines the relationship of social class, ethnic identification, group
membership, family structure, occupation and lifestyle, to health and illness,
and therapeutic interaction of laypersons and health professionals.
SOCIAL & BEHAVIORAL SCIENCE
S210. Proseminar in Health Policy. (1) § [Fall Winter]
Prerequisites: None
Seminar 1 hour.
C. Harrington, S. Chapman
Seminar to extend knowledge of the varied scope of health policy research and
analysis. The focus will be on specific policy research, analysis and implement-
tation strategies.
SOCIAL & BEHAVIORAL SCIENCE
S211. Information Technology and Organizational Change. (2) § [Spring]
Prerequisites: S262 Health Care Economics or S225 Health Care Institutions or
BMI 200 Introduction to Medical Informatics or consent of instructor.
Seminar 2 hours.
R. Miller
The course examines electronic medical records (EMRs) in health care organi-
izations, focusing on: EMR capabilities, use, costs and benefits; factors affect-
ing costs and benefits; theories of innovation diffusion; the relationship between
IT and organizational changes; EMR health policy options.
SOCIAL & BEHAVIORAL SCIENCE
S212A. Sociological Theory: Classical. (5) § [Fall]
Prerequisites: None
Lecture 2 hours. Lab 9 hours.
C. Harrington
Course examines and evaluates classical and recent contributions to socio-
ological theory. The main objective is the generation of a critical capacity with
respect to received theory in both its formal and substantive varieties.
SOCIAL & BEHAVIORAL SCIENCE
S212B. Sociological Theory: Contemporary. (5) § [Winter]
Prerequisites: S212A
Library Research 9 hours. Lecture 2 hours.
J. Shim
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.
SOCIAL & BEHAVIORAL SCIENCE
S212C. Sociological Theory: Symbolic Interaction. (5) § [Spring]
Prerequisites: S212A and B or permission of the instructor.
Library Research 9 hours. Lecture 2 hours.
B. Powers
Course consists of readings and discussions on interactionist theory in sociol-
ogy, with emphasis on the origins and development of the Chicago School of
Sociology, as well as an examination of the link between philosophy of pragma-
tism and interactionists.
SOCIAL & BEHAVIORAL SCIENCE
S218. Advanced Topics in the Sociological Analysis of Aging. (2-4)
§ [Winter]
Prerequisites: Consent of instructor.
Lecture 2 hours. Lab 0-6 hours.
G. Becker
132
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 upon a specific area. Laboratory assignments are for research activities on special topics in the area of aging.

SOCIAL & BEHAVIORAL SCIENCE

S219. Social Policy in Aging. (2-4) § [Winter Spring]
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.

SOCIAL & BEHAVIORAL SCIENCE

S221. Qualifying Examination. (1-8) § [Fall Winter Spring]
Prerequisites: Completion of preliminary examinations.
Lab 3-24 hours.
Staff
Course will offer preparation for the specialty area qualifying examination.

SOCIAL & BEHAVIORAL SCIENCE

S222. Health Economics and Policy. (2) § [Winter]
Prerequisites: None
Lecture 2 hours.
C. Harrington
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.

SOCIAL & BEHAVIORAL SCIENCE

S223. Perspectives on Public Policy. (3) § [Fall Winter Spring]
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.

SOCIAL & BEHAVIORAL SCIENCE

Prerequisites: None
Seminar 2 hours. Lecture 2 hours.
J. Schmitt, M. Wang
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.

SOCIAL & BEHAVIORAL SCIENCE

S226. Long Term Care Policies. (2-3) § [Fall]
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.

SOCIAL & BEHAVIORAL SCIENCE
S227. Advanced Seminar in Organizational Analysis of U. S. Healthcare. (1-2) § [Spring]
Prerequisites: Successful completion of UCSF S225 or similar introduction to organizational analysis of healthcare.
Project 3 hours. Lab 1 hour.
M. Kitchener
This 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.
SOCIAL & BEHAVIORAL SCIENCE

S230. Socio-cultural Issues in AIDS. (2-3) § [Winter]
Prerequisites: None
Seminar 2 hours. Project 3 hours.
C. Harrington, R. Eversley, V. Olesen
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.
SOCIAL & BEHAVIORAL SCIENCE

S233. Sociology of Aging. (3) § [Winter Spring]
Prerequisites: None
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.
SOCIAL & BEHAVIORAL SCIENCE

S235. Tobacco Control Policy Issues. (1-3) § [Spring]
Prerequisites: None
Seminar 2 hours. Project 3 hours. Lecture 1 hour.
E. Smith
Course focuses on issues and evolution of tobacco control policies in the US 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.
SOCIAL & BEHAVIORAL SCIENCE

S236. Race and Class Factors in Health Care Delivery. (3) § [Fall Winter Spring]
Prerequisites: Graduate status, consent of instructor.
Lecture 2 hours. Lab 3 hours.
H. Pinderhughes
An examination of how racial and class membership impact on access to health care services, variations in the quality of those services, how professional and subprofessional roles in the health care system are organized along racial and class lines.
SOCIAL & BEHAVIORAL SCIENCE

S238. Feminist Theory. (2-4) § [Fall Winter Spring]
Prerequisites: Some background in social theory.
Lecture 2 hours. Field Work 0-6 hours.
V. Olesen
Course provides in-depth overview and examination of 20th-century feminist theories from sociology, anthropology, and interdisciplinary perspectives. Emphasis is on current contributions and debates, with attention to relations between feminist theories and issues for research in women's health and healing.
SOCIAL & BEHAVIORAL SCIENCE
S240. Older Women's Issues. (2-4) § [Fall]
Prerequisites: None
Seminar 2 hours. Lab 0-6 hours.
C. Estes
Course analyzes postmenopausal women's socioeconomic status & changing social roles. Topics include demographic issues, economic trends, individual social & health status, policy implications for individuals & society.
SOCIAL & BEHAVIORAL SCIENCE

S245. Gender, Race & Coloniality. (3) § [Spring]
Prerequisites: None
Seminar 3 hours.
A. Clarke
Course is a study of historical & contemporary issues in the social construction of biological & medical sciences, epistemological problems, and feminist perspectives. Focus is on impact of gender on scientific work & includes scientific constructions of gender and women's careers in science.
SOCIAL & BEHAVIORAL SCIENCE

S246. Communications & Policy Leadership. (3) § [Spring]
Prerequisites: None
Seminar 1 hour. Lecture 2 hours.
R. Malone
Course focuses on developing students' skills in various types of policy-relevant communications & leadership across different policy venues.
SOCIAL & BEHAVIORAL SCIENCE

S248. Group Independent Study. (1-4) § [Fall Winter Spring]
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.
SOCIAL & BEHAVIORAL SCIENCE

S249. Special Studies in Sociology for Graduate Students. (1-8) § [Fall Winter Spring]
Prerequisites: Consent of instructor
Seminar 1-8 hours.
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.
SOCIAL & BEHAVIORAL SCIENCE

S260. Policy & Politics of Health. (2-5) § [Fall Winter Spring]
Prerequisites: None
Lecture 2 hours. Field Work 0-9 hours.
C. Harrington
Course examines health care policy & politics in terms of historical & contemporary issues related to access, quality and cost. Organizational, financing and labor market issues are included, along with strategies for social change.
SOCIAL & BEHAVIORAL SCIENCE

S272. Dissertation Research Seminar. (1-3) § [Fall Winter Spring]
Prerequisites: None
Seminar 1 hour. Lab 0-6 hours.
C. Harrington
Course addresses logic of research design & execution for students. Clarification of research question, delineation of work plan and orientation to relevant theoretical literature or empirical data available.
SOCIAL & BEHAVIORAL SCIENCE
S277. Seminar on Disability. (1-3) § [Fall Winter Spring]
Prerequisites: None
Seminar 1-2 hours. Lab 0-3 hours.
M. LaPlante
Course covers social & medical models & theories of disability & handicap. Areas covered include definitions, utility of role theory, models of identification & causation, and social perspectives on disability policy.
SOCIAL & BEHAVIORAL SCIENCE

S282. Sociology of Science/Technology. (2-4) § [Winter]
Prerequisites: None
Seminar 2 hours. Lab 0-6 hours.
A. Clarke
Course examines early functionalist & Marxist theories, Kuhn's work, social constructionist, ethnomethodological, interactionist, neo-functionalist, critical, & neo-Marxist perspectives. Focuses on laboratory, controversy, technological, & representational studies & organization & funding. Links history & philosophy.
SOCIAL & BEHAVIORAL SCIENCE

S283. Selected Topics/Health Economics. (2-3) § [Winter]
Prerequisites: S262 (Health Care Economics)
Seminar 2 hours. Lab 0-3 hours.
R. Miller
Course examines selected topics in health care economics, with attention to basic economic theory of supply & demand for health care services & health insurance. Includes national health insurance proposals & the Canadian health care system.
SOCIAL & BEHAVIORAL SCIENCE

S284. Health Care Economics. (4) § [Winter]
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 & labor markets & the analysis of critical economic & cost issues relevant to public policy.
SOCIAL & BEHAVIORAL SCIENCE

S285A. Qualitative Methods I. (5) § [Fall]
Prerequisites: None
Seminar 3 hours. Field Work 6 hours.
S. Kools, H. Pinderhughes
Course reviews many of the types of qualitative research methods, emphasizing assumptions, approaches. Focus on design, entrée, ethics, data-gathering techniques (interviewing, observing), data recording & management. Introduction to data analysis.
SOCIAL & BEHAVIORAL SCIENCE

S285B. Qualitative Methods II: Analysis. (5) § [Winter]
Prerequisites: N285A or S285A
Seminar 3 hours. Field Work 6 hours.
S. Kools, H. Pinderhughes
Course compares & contrasts modes of qualitative analysis. Examines issues in establishing plausibility, credibility, adequacy. Intensive data analysis & examination of the problems of presentation of findings with focus on questions of authority & preparation of text.
SOCIAL & BEHAVIORAL SCIENCE

S285C. Qualitative Analysis. (3) § [Fall Winter Spring]
Prerequisites: S285AB or N285AB
Lecture 2 hours. Lab 3 hours.
V. Olesen, A. Clarke, P. Benner
In-depth experience with specific type of qualitative research guided by instructor trained & experience in that approach. Styles of work offered by various
instructors will include advanced grounded theory analysis, ethnography, hermeneutic analysis, narrative analysis.

SOCIAL & BEHAVIORAL SCIENCE

S286. Gender, Sex & Health. (2-4) § [Fall]
Prerequisites: None
Lecture 2 hours. Field Work 0-6 hours.
J. Fosket, A. Clarke
Course examines women’s participation in formal/informal health & healing systems, emphasizing health problems, recruitment to health professions, images of women in health & illness, & women as providers. Health issues of women of color in the U. S. are highlighted.

SOCIAL & BEHAVIORAL SCIENCE

S289A. Advanced Quantitative Research Methods I. (5) § [Fall]
Prerequisites: B187 & N209 & N212 or equivalent
Lecture 5 hours.
R. Newcomer
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 & issues in data collection & measurement are explored.

SOCIAL & BEHAVIORAL SCIENCE

S289B. Advanced Quantitative Research Methods. (3-5) § [Winter]
Prerequisites: N209, N212, B187, N287A or equivalent
Lecture 5 hours.
J. Mullan, R. Newcomer
Second course in a two-quarter series provides a practical understanding of the statistical procedures including logistic regression, repeated measure, survival analysis, latent variables & structural equation modeling, & cost effectiveness analysis. Attention is given to “how & when” to use each, & how to diagnose & adjust to violations of the functional form & other assumptions of these procedures, & how to interpret computer output. Statistical methods may vary each year.

SOCIAL & BEHAVIORAL SCIENCE

S289C. Advanced Measurement Methods. (3) § [Spring]
Prerequisites: S289A, B or equivalent course(s) in quantitative methods
Lecture 2 hours. Lab 3 hours.
A. Stewart
Overview of current standard approaches to conceptualizing & 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, & selection of appropriate measure for research purposed.

SOCIAL & BEHAVIORAL SCIENCE

S299. Dissertation. (0) § [Fall Winter Spring]
Prerequisites: Advancement to candidacy & permission of the graduate advisor
Lecture 0 hours.
Staff
For graduate student engaged in writing the dissertation for the PhD degree

SOCIAL & BEHAVIORAL SCIENCE