

Course Catalog

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

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

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

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

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

Nursing Courses

N141. Pharmacology & Nursing Care. (3) [Summer].

Prerequisites: None

Lecture 3 hours.

A. Butzlaff

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

Lecture 3 hours.

P. Bellefeuille

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.

L. MacIntyre, K. McGirr

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.

P. Bellefeuille

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.

J. Mann

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.

Lecture 4 hours.

M. Hultgren, E. Radsliff

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 Spring].

Prerequisites: N140, N141, N142, N145.

Lecture 4 hours.

L. Chiarello, J. Shaw-Battista

Focuses on biopsychosocial concepts of normal reproductive and childbearing events. Emphasis is on nursing assessment and management of the childbearing family, the woman, fetus and newborn during the antepartum, intrapartum and postpartum.

Family Health Care Nursing

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

Prerequisites: N142

Lecture 2 hours.

J. Martin-Holland, S. Proctor

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.

K. McGirr, 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.

Clin. Exp./Pt. Contact 16. 5 hours. Lecture 3 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 healthcare 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

N200. Master of Science in Nursing Program. (1) § [Fall].*Prerequisites:*

Seminar 1 hour.

C. Garrett, J. Saxe

Introduction to the UCSF School of Nursing Master of Science program, including curriculum overview, educational approach, learning process, team work, communication, ethics and academic integrity. Through individual, small group, and whole class activities, students explore and define competencies expected of an advance practice nurse and lay the foundation for common threads that permeate the master's program. Optional activities for self-evaluation and remediation in certain content areas.

*Community Health Systems***N201.01. Theoretical Foundations of Academic Nursing.** (3) § [Fall].*Prerequisites:* None

Lecture 20 hours. Seminar 10 hours.

Z. Mirsky, N. Stotts

Educational principles, theory, conceptual frameworks, teaching-learning strategies and evaluation are analyzed to enable students to critique and develop curricula for schools of nursing. Theoretical and practical application, including classroom teaching, distance (distributed) education and clinical teaching will be explored.

*Physiological Nursing***N202A. Theory Development in Nursing.** (3) § [Fall].*Prerequisites:* None

Lecture 1 hour. Seminar 2 hours.

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) § [Winter].*Prerequisites:* None

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) § [Winter].*Prerequisites:* Completion of N270

Lecture 3 hours.

L. Mihaly, E. Monasterio

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 psychotherapeutic and psycho-educational interventions and long-term management of psychiatric symptomatology. This course fulfills the School of Nursing requirement for coursework in research utilization.

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 Pheils

Course provides advanced content and practice in Spanish. Emphasis will be in taking a health history, giving physical exam instructions and addressing patient concerns using proper terminology and correct 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

N208. Advanced Physiology & Pathophysiology. (1-2) § [Fall].

Prerequisites:

Seminar 1 hour. Web-Based Coursework 1 hour.

M. Engler, M. Engler

Course integrates and applies system-focused physiologic and key pathophysiologic concepts across the life span that serve as the foundation for clinical assessment, decision making and management. Emphasis is on the association of physiological alternations with clinical manifestations, and in selected areas, consideration of the role pharmacological agents in the disease process.

Physiological Nursing

N208A. Human Pathophysiology & Aging. (3) § [Fall].

Prerequisites: None

Lecture 3 hours.

M. Engler

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

Physiological Nursing

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

Prerequisites: None

Lecture 3 hours.

M. Engler

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

Physiological Nursing

N209A. Comparative Qualitative Research Design. (2) § [Fall].

Prerequisites: None

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.

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) § [Winter].*Prerequisites:* None

Lecture 3 hours.

J. Seago

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

Lecture 2 hours.

J. Hirsch, E. O'Neil

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***N212A. Qualitative Data Collection & Ethics.** (2) § [Spring].*Prerequisites:* N209A

Lecture 2 hours.

J. Humphreys

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.

*Family Health Care Nursing***N213A. Common Problems of Cancer Care.** (3) § [Fall].*Prerequisites:* None

Seminar 3 hours.

M. Cho

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

*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

Lecture 1 hour. Seminar 1 hour.

T. Koettters

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

*Physiological Nursing***N215. Advanced Practice in Community Health. (3) § [Fall].***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.

J. Mock, 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.

M. Engler

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:* Completion of first year of masters nursing courses

Seminar 3 hours.

E. Froelicher

Course examines the biopsychosocial assessment, management and current management of risk factors across the prevention continuum and across settings. Content areas include cardiovascular risk factor - smoking, hypertension, diabetes, obesity, psychosocial, hyperlipidemia, obesity, sedentary lifestyle - the epidemiology, assessment and classification of, and best practices or guidelines, for clinical practice in primary, secondary and tertiary prevention (cardiac rehab).

*Physiological Nursing***N217A. Care of High-Risk Populations I. (2) § [Spring].***Prerequisites:* Consent of instructor

Lecture 2 hours.

R. Rehm, M. White

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, mentally ill, immigrant, refugee, and migrant populations. 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 and N217C.

*Family Health Care Nursing***N217B. Care of High-Risk Populations II. (2) § [Winter].***Prerequisites:* Successful completion of N217A (Care of High-Risk Populations I) or consent of instructor

Lecture 2 hours.

E. Scarr

Course presents selected topics encountered in primary care, focusing on conditions common in high-risk populations including homeless, incarcerated, chronically mentally ill, immigrant, refugee and migrant populations. Emphasis is on clinical presentation, rational use of diagnostic testing, and implementation of management plans formulated for high-risk clients. Course incorporates theoretical and psychosocial content presented in N217A.

Family Health Care Nursing

N217C. Primary Care of High-Risk & Vulnerable Elders. (2) § [Winter].

Prerequisites: Successful completion of N270, N245, N246, N247, N247.02A, N247.02B, N217A

Lecture 1 hour. Seminar 1 hour.

B. Hollinger

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. (3) § [Winter].

Prerequisites: None

Lab 3 (optional hours). Lecture 2 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.

K. Dracup, S. Robinson

Seminar focuses on development of a career as a university faculty member. Emphasis will be on understanding how to develop a program of research and develop a reputation in the field. Foci will include teaching, mentoring students, 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

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.

N. Stotts

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. Blegen

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

N221.01. Theories Related to Nursing Care of the Adult. (3) § [Fall].

Prerequisites: None

Lecture 3 hours.

V. Carrieri-Kohlman

Course provides introduction to critical thinking, clinical and ethical reasoning about the discipline of nursing and its contributions to advanced nursing practice in the care of the adult. Includes 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

N223A. Symptom Research Proseminar. (2) § [Fall].

Prerequisites: Symptom Management Trainee or approval of adviser

Seminar 2 hours.

B. Aouizerat, K. Lee

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.

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 criticized.

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

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

N229. Philosophy of Nursing Science. (3) § [Winter].

Prerequisites: Doctoral standing or consent of the instructor

Lecture 2 hours. Seminar 1 hour.

T. Lindgren, S. Rankin

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.

M. Blegen

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) § [Summer].

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

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

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

N232.04C. Management of Psychotropic Regimens. (2) [Spring].

Prerequisites: N232, N257

Seminar 2 hours.

K. Johnson, M. Terry

Course will focus on the development of effective clinical judgment in the psychopharmacological treatment of patients with mental illness. It will cover the major mental illnesses, as well as treatment considerations of special populations.

Community Health Systems

N232.05. Antibiotic Therapeutics in Acute Care. (2) § [Spring].

Prerequisites: None

Lecture . 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, C. Wilson

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

Lecture 2 hours.

M. Lynch, C. Wilson

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***N234A. Evidence-Based Project Planning 1.** (2) § [Fall].*Prerequisites:* None

Seminar 1 hour. Web-Based Coursework 3 hours.

L. Mackin, C. Waters

This is a highly self-directed course that provides the student with a supervised opportunity to implement an evidence-based practice small test of change in a practice setting. In this phase, students will identify a clinical problem suitable for a small test of change project based on evidence-based practice solutions in current literature. Next the student will execute and evaluate the small test of change project.

*Community Health Systems***N234B. Evidence Based Project Planning 2.** (1) § [Winter].*Prerequisites:*

Seminar 1 hour.

L. Mackin, C. Waters

this is a highly self-directed course that provides the student with a supervised opportunity to implement an evidence-based practice small test of change in a practice setting. In this phase, the student will execute and evaluate the small test of change project.

*Community Health Systems***N236A. Complementary Healing.** (2) § [Fall].*Prerequisites:* None

Lecture 3 hours.

P. Abercrombie, S. Stringari-Murray

Course provides an overview of issues in advanced holistic nursing practice. It is the first course in a series designed to prepare nurses in the provision of advanced holistic nursing.

*Community Health Systems***N236D. Complementary Healing in Nursing.** (2-3) § [Winter].*Prerequisites:* N236A required or permission of instructor

Independent Study 15-30 hours. Lecture 2 hours.

P. Abercrombie

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:* None

Lecture 3 hours.

C. Kennedy

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

*Family Health Care Nursing***N238B. Adolescent Development.** (2) § [Spring].*Prerequisites:* None

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***N239.07A. Topics in Neonatal & Pediatric Nutrition.** (1-2) § [Winter].*Prerequisites:* Permission of instructor

Independent Study 3 hours. Lecture 1 hour.

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

N240.01. Biomarkers I. (2) § [Fall].*Prerequisites:* Doctoral enrollment or by permission of instructor.

Seminar 2 hours.

B. Aouizerat

Course addresses models of biobehavioral markers in health and disease with a focus on 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.

E. Davies, A. Hughes

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

*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].*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.

C. Portillo, S. Rankin

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.

C. Kennedy, S. Kools, 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:* None

Lecture 20 hours.

R. Malone

Course focuses on the development of critical thinking skills related to system-level structural-economic factors that influence health & health care, including the activities of corporate entities both within the outside the health arena.

Social & Behavioral Sciences

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 Sciences

N240.11. Occupational & Environmental Health Research Seminar. (1-5) § [Fall Winter Spring].

Prerequisites: Consent of instructor

Field Work 0-12 hours. Seminar 1 hour.

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.

Lecture 1 hour. Seminar 1 hour.

C. Chesla

Course provides an overview of research issues in family and dyadic research. It focuses on family and relational research methods providing participants with 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. Course 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. Theories & Methods in Aging Research. (2) § [Fall].

Prerequisites: None

Seminar 20 hours.

J. Cataldo, M. Wallhagen

Advanced nursing seminar involves a critical investigation of research in aging. Emphasis is placed on theoretical and methodological perspectives and how these perspectives inform nursing and other health professions' science and practice across diverse settings and populations.

Physiological Nursing

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.

Lecture 1 hour. Seminar 1-2 hours.

E. Froelicher

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

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: None

Lecture 2 hours.

A. Levi, P. Sparacino

Course provides students the opportunity to view their particular advanced practice nursing role in the larger context of Advanced Practice Nursing (APNs) as a profession. The goal of the course is to define and discuss current social, educational, economic, political, legal, regulatory and organizational factors and trends that influence advanced nursing practice across practice roles and settings. Critical leadership and professional skills for APNs are also discussed.

Family Health Care 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. (2) § [Winter].

Prerequisites: Enrollment in Nurse-Midwifery/Women's health specialty

Lecture 2 hours.

A. Levi

Course expands content of N241-Dimensions of Advanced Practice Nursing to issues important to professional practice for nurse-midwives. Course 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

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

Lecture 1 hour. Seminar 1 hour.

C. Dawson Rose

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

*Community Health Systems***N242B. HIV/AIDS: Clinical Pharmacology.** (1) § [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***N243B. Group Psychotherapies.** (2) § [Winter].*Prerequisites:* None

Lecture 2 hours.

K. Epstein

Course examines theories of family therapy and their application in the practice of psychiatric nursing. Family assessments and supportive, educational, and therapeutic interventions are described and evaluated.

*Community Health Systems***N243C. 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. Course 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. Course emphasizes approaches to address both acute and chronic responses.

Community Health Systems

N245. Health Protection & Promotion. (2) § [Winter].*Prerequisites:* None

Lecture 2 hours.

R. Segovia-Bain

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.** (1) § [Winter].*Prerequisites:* N270, presently enrolled in N245, or consent of instructor

Lecture 1 hour.

H. Grundland, S. Stringari-Murray

Seminar taken concurrently with N245 and provides specialty content necessary for the above students. Application from Health Protection lectures will be made to specialty areas using case presentations and other relevant learning strategies.

*Community Health Systems***N245.03. Seminar in Gerontological Primary Care.** (1) § [Winter].*Prerequisites:* Concurrent course N245 Health Protection and Promotion

Seminar 1 hour.

S. Moreland

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) § [Winter].*Prerequisites:* Successful completion of N245.04-Pediatric Health Promotion and concurrent enrollment in N415.11-Advanced Practice Nursing Clinical Residency in Pediatrics or consent of faculty of record.

Seminar 1 hour.

A. Chen, N. Schapiro

Course is designed to use small group, student-driven and case presentation format to complement N245 lectures. This allows for problem-based learning and small group case presentations.

*Family Health Care Nursing***N245.05. Health Promotion and Disease Prevention in Acute Care.** (2) § [Winter].*Prerequisites:* None

Lecture 2 hours.

M. Hawk

Course provides specialty content necessary for Acute Care Nurse Practitioners to institute health promotion, maintenance and disease prevention in the care of stable, hospitalized patients. This content will enhance understanding of the inter-relatedness of health promotion and disease prevention aspects within and across various cultural groups in an acute setting.

*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.

E. Scarr

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.

R. Oka

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

Project 1 hour. Seminar 3 hours.

J. Makonnen, 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) § [Winter].

Prerequisites: N270, N245, N245.02, N246, N246.02, N247, N247.02A, N279, N271.02 or consent of instructor

Seminar 2 hours.

B. Hollinger, J. Makonnen

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.

Students collaborate in clinical investigations and other studies of special problems in nursing and health sciences under the direction of faculty. Students may select areas related to their long-term interests and future research or clinical program.

*Interdepartmental***N249. Independent Study.** (1-5) § [Fall Winter Spring Summer].*Prerequisites:* Consent of instructor

Lecture 1-5 hours.

Student undertakes an independent study with emphasis on special problems in nursing. Student 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.

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

*Interdepartmental***N251.01. Proposal & Grant Writing.** (2) § [Fall Winter Spring Summer].*Prerequisites:* None

Lecture 20 hours.

G. Padilla

Course provides an introduction to the principles and methods of proposal writing used in preparing a grant proposal. The coursework provides content on the process for good proposal development, key elements and sections of a proposal, necessary information to include in a grant proposal, and development of a budget.

*Physiological Nursing***N252A. Mental Health & High Risk Families.** (2) § [Winter].*Prerequisites:* Consent of instructor

Lecture 2 hours.

M. Terry

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

*Community Health Systems***N252B. Psychotherapeutic Techniques with Children & Youth.** (2) § [Winter].*Prerequisites:* N257 and N227 or consent of instructor

Lecture 2 hours.

L. Dolce

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***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 Sciences***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 Spring].*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

Lecture 2 hours. Seminar 1 hour.

J. Esquivel, R. Garbez

Course focuses on diagnosis and treatment of acute illness and injuries affecting body systems such as the cardiac, pulmonary and central nervous systems. Seminar provides critical analysis of selected studies utilized to monitor and manage acutely ill/injured patients.

*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.

R. Bravo, M. Hawk

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:* Enrollment in a clinical masters specialty or consent of instructor

Lecture 20 hours.

B. Phoenix

Course introduces students to common psychiatric symptom presentations and related conditions that are encountered by advanced practice nurses in primary care and specialty settings. Course discusses clinical presentation, underlying causes and appropriate management for patients across the life span.

*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) § [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.

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

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 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.

C. Dawson Rose, 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***N262.01. Research Utilization in Acute & Chronically Ill Adults.** (2) § [Spring].*Prerequisites:* Successful completion of N262A

Lecture 2 hours.

E. Froelicher

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.

A. Lyndon

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 N236A Complementary Healing and N262A Advance 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 Sciences***N262A. Advanced Scholarship in Research I.** (2) § [Fall].*Prerequisites:* None

Lecture 3 hours. Web-Based Coursework 1 hour.

A. Alkon

Course focuses on the elements of research methods & design that are essential to the translation of knowledge into clinical practice, administration/leadership, and health policy.

*Family Health Care Nursing***N265. Cancer Prevention/Early Detection.** (2) § [Spring].*Prerequisites:* None

Seminar 2 hours.

T. Koettters

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

*Physiological 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

Seminar 1 hour. Web-Based Coursework 1 hour.

P. Bernal de Pheils, 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 Health Assessment. (2) § [Fall].*Prerequisites:* None

Lecture 10-20 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***N271.06. Mgmt. Clinical Occupational 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, surveillance 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 Occupational Health Nrsng.** (2) § [Fall].*Prerequisites:* Consent of instructor.

Lecture 2 hours.

R. Segovia-Bain

Course analyzes the role of the Occupational Health Nurse in managing an Occupational Health Service within a changing regulatory and fiscal environment. Emphasis is on planning, development, and evaluation of occupational health programs.

*Community Health Systems***N273B. Issues in Occupational Health.** (1) § [Fall Winter Spring].*Prerequisites:* None

Seminar 1 hour.

O. Hong

For this course, students attend six Occupational Medicine Grand Rounds (or equivalent), in addition to seminars.

Requirements include: written summary and critique of Grand Rounds sessions; research critique of at least two occupational and environmental health related studies; attendance at seminar sessions, and class participation

Community Health Systems

N273C. Environment & Health. (2) § [Winter].*Prerequisites:* None

Lecture 20 hours.

B. Burgel

This interdisciplinary course will introduce a broad range of environmental health topics affecting health status. Exposure assessment, risk communication, prevention strategies, and environmental health policies will be covered with special attention to childbearing families, children and communities at risk for environmental injustice. Directed readings in environmental health and critical thinking skills are emphasized.

*Community Health Systems***N274A. Health Hazards in the Workplace.** (4) § [Spring].*Prerequisites:* M180 and/or N273A or consent of instructor

Field Work 3 hours. Lecture 3 hours.

P. Quinlan

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

*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.

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.

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.

M. Barger, S. Rankin

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***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. (4) § [Spring].*Prerequisites:* Completion of N281ABC & N282ABC.

Lecture 4 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.

*Family Health Care Nursing***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.

*Family Health Care Nursing***N282B. Management of Intrapartum Complications.** (4) § [Spring].*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.

*Family Health Care Nursing***N282C. Management of Gynecologic Care.** (2) § [Summer].*Prerequisites:* Enrollment in Nurse-Midwifery specialty and completion of N281 A, B and N282 A, B

Lecture 2 hours.

C. Belew

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

*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. Chen, N. Schapiro

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.

K. Duderstadt

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***N283.05. Transitions in Pediatric Illness: Acute Care Seminar.** (1) § [Spring].*Prerequisites:* Successful completion of N245.04A and N415.11, concurrent enrollment in N415.13A and N414.13 or instructor approval

Seminar 2 hours. Web-Based Coursework 1 hour.

M. McCulley

Seminar focuses on the clinical management of sick infants, children, and adolescents during their transitions in illness acuity, necessitating health care in various acute care settings such as emergency departments, subspecialty clinics, and inpatient units. Assessment and triage for children with variable conditions in these settings will be discussed, including the unstable patient, the patient with chronic conditions, and/or the patient requiring pain and sedation management.

Family Health Care Nursing

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.

Family Health Care Nursing

N283B. Common Pediatric Pathophysiology & Clinical Management. (2) § [Winter].

Prerequisites: Completion of N283A

Lecture 2 hours.

M. Lynch

Course provides a conceptual approach to examine common pediatric pathophysiologic phenomena observed in varied care giving 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. (2) § [tba].

Prerequisites: Successful completion of N283A, N283B

Lecture 2 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

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.

M. Lynch

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

N283I. 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

N284. Introduction to Radiology. (1) § [Spring].

Prerequisites: None

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

Field Work 6 hours. Seminar 3 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 and management.

Introduction to data analysis.

Interdepartmental

N285B. Qualitative Methods II: Analysis. (5) § [Winter].

Prerequisites: N285A

Field Work 6 hours. Seminar 3 hours.

S. Kools, H. Pinderhughes

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)

Lecture hours. 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. (3) § [Fall].

Prerequisites: None

Lecture 3 hours.

J. Seago

Course examines the external and internal environments of healthcare organizations by utilizing process and strategic analysis models. Course will explore how strategic management impacts the professional work environment and delivery of services. Students will examine the direct impact of strategic positioning on organizational success by applying concepts of strategic management to a case study.

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) § [Winter].*Prerequisites:* None

Lecture 3 hours.

J. Seago

Course provides an introduction to critical analysis and synthesis of economic and accounting principles as they relate to financial management in health care settings. Emphasis is on the nurse manager's role and responsibilities in financial planning, budgeting, monitoring and controlling.

*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

Lab 3 hours. Lecture 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 III/Injured I.** (3) § [Fall].*Prerequisites:* Prior or concurrent enrollment in N208A, N208B or consent of instructor

Lecture hours. Seminar 3 hours.

G. Chan

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 III/Injured II.** (3) § [Winter].*Prerequisites:* Prior or concurrent enrollment in N208A, N208B; prior enrollment in N288A; consent of instructor

Lecture hours. 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

Lecture 1 hour. Seminar 1 hour.

V. Carrieri-Kohlman

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***N288D. Critical Care/Trauma Proseminar.** (1) § [Fall Winter].*Prerequisites:* Enrollment in the Critical Care/Trauma Specialty or by instructor approval

Seminar 10 hours.

G. Chan

Course introduces advanced practice roles in critical care and trauma settings. The course will review the educational, economic, political, legal, and professional influences on practice outcomes.

*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

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

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

N289A. Advanced Quantitative Research Methods I. (4) § [Fall].

Prerequisites: N209B, N212B, B187, B192 SPSS workshop or completion of SPSS tutorial and consent of instructor

Lab 2 hours. Lecture 3 hours.

A. Alkon, L. Thompson

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.

K. Lee

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

N290. Family Theory/Research in Health. (3) § [Fall].

Prerequisites: None

Lecture hours. 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

N291. Applied Statistical Methods for Longitudinal & Hierarchical Data. (4) § [Spring].

Prerequisites: B192-Intro Linear Models, or, the equivalent

Lab 3 hours. Lecture 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) § [Fall].

Prerequisites: Consent of instructor

Conference 0.25 hours. Project 1.75 hours.

K. Lee

Course reviews and analyzes advanced physiology and pathophysiology of pregnancy and their impact on the maternal-fetal unit as a basis for nursing practice and research. Emphasis is on reproductive and endocrine systems affecting adaptation and development during pregnancy.

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 sequelae are highlighted.

Family Health Care Nursing

N294A. Introduction to Human Genomics. (3) § [Fall].

Prerequisites: None

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

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

Lecture 2 hours. Seminar 1 hour.

B. Aouizerat

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 Spring].*Prerequisites:* Foundational course work in clinical practice in Genomics Nursing or consent of instructor

Lecture hours. Seminar 3 hours.

P. Benner

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

*Physiological Nursing***N294E. Topics in Genetics/Genomics.** (1) § [Spring].*Prerequisites:* Foundational course work in clinical practice in Genomics Nursing or consent of instructor

Lecture hours. 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, access to services, cultural sensitivity.

*Physiological Nursing***N295A. Care of Older Adults.** (3) § [Fall].*Prerequisites:* N208A & B or consent of instructor

Lecture 2 hours. Seminar 1 hour.

J. Cataldo

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

Lecture 2 hours. Seminar 1 hour.

S. Moreland

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

Lecture 1 hour. Seminar 2 hours.

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.

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.

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

*Interdepartmental***N301.01. Adult Nurse Practitioner Advanced Health Assessment Skills Lab.** (1) [Fall].*Prerequisites:* Concurrently taking N270 & N414.01

Lab 30 hours.

Course provides an application of health assessment concepts & skills under the supervision of clinical preceptors. Performance of systematic health assessment of adults leading to a growing ability to differentiate between normal and abnormal findings.

*Community Health Systems***N301.04. Advanced Health Assessment Skills Lab.** (1) [Fall Winter Spring].*Prerequisites:* None

Conference 10 hours. Lab 20 hours.

M. Terry

Course provides a guided laboratory experience designed to develop mastery of advanced skills in psychiatric mental health nursing assessment.

*Community Health Systems***N301.10. Family Nurse Practitioner Skills Lab.** (1) [Fall].*Prerequisites:* None

Lab 30 hours.

P. Bernal de Pheils, L. Thompson

Guided clinical laboratory experience designed to develop mastery of advanced health assessment skills.

*Family Health Care Nursing***N301.11. Advanced Practice Nursing Skills Lab in Pediatrics.** (1-2) [Fall].*Prerequisites:* concurrent enrollment in N270 and N270.04

Lab 30-60 hours.

A. Chen, K. Duderstadt

Course provides groundwork for advanced nursing practice health assessment skills and history taking through practice in both the laboratory and clinical settings with a focus on the pediatric population.

*Family Health Care Nursing***N301.12. Neonatal Skills Lab.** (1) [Fall Winter Spring].*Prerequisites:* None

Lab 30 hours.

A. Carley

Guided clinical laboratory experience designed to develop mastery of advanced neonatal nurse practitioner skills.

*Family Health Care Nursing***N301.13. Pediatric Acute Care Skills Lab.** (0.5-1) [Spring].*Prerequisites:* Concurrent enrollment in N415.13A and N283.05 or instructor approval

Lab 15-30 hours.

M. McCulley

Course provides students with the opportunity to practice clinical management skills for the pediatric patient requiring assessment and planning for acute diagnostic and therapeutic interventions. Case simulation and application of concepts in practicing procedural skills will be utilized.

Family Health Care Nursing

N301.15. Midwifery Skills Lab. (1) [Fall].*Prerequisites:* None

Lab 30 hours.

P. Bernal de Pheils

Guided clinical laboratory experience designed to develop mastery of advanced health assessment skills.

*Family Health Care Nursing***N301.20A. Acute Care Nurse Practitioner Health Assessment Skills Lab.** (1) [Fall].*Prerequisites:* None

Lab 30 hours.

M. Hawk

Course provides an 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 in areas such as neurological, cardiac, pulmonary and musculoskeletal.

*Physiological Nursing***N301.20B. Diagnostics and Therapeutics Skills Lab.** (1) [Spring].*Prerequisites:* None

Lab 3 hours.

M. Hawk

In laboratory sessions and self-paced learning, students will develop psychomotor skills necessary for performance of invasive procedures, such as suturing, lumbar puncture, central and arterial line insertion, splinting, radiographic imaging interpretation, difficult airway management and microscopy.

In addition, students will receive didactic content on invasive procedures such as central lines, arterial line, lumbar puncture, and intubation, utilizing web-based technology.

*Physiological Nursing***N301.21. Gerontological Nurse Practitioner Skills Lab.** (1) [Fall].*Prerequisites:* None

Lab 30 hours.

L. Mackin

Guided clinical laboratory experience designed to develop mastery of advanced skills.

*Physiological Nursing***N301.24. Oncology-Gerontological Nurse Practitioner Skills Lab.** (1) [Fall].*Prerequisites:* None

Lab 30 hours.

L. Mackin

Guided clinical laboratory experience designed to develop mastery of advance skills.

*Physiological Nursing***N301.25A. Basic Interpretation of Chest X-Ray Skills Lab.** (2) [Fall Spring].*Prerequisites:* None

Lab 60 hours.

C. West

Guided clinical laboratory experience designed to give the nurse practitioner student a basic introduction to the principles of chest x-ray interpretation.

*Physiological Nursing***N301.25B. Clinical Electrocardiography for Nurse Practitioners.** (1) [Spring].*Prerequisites:* Concurrent enrollment in N225

Lab 3 hours.

B. Drew

Supervised experience in which students learn to interpret the standard 12 lead electrocardiogram and understand the implication for clinical decision making.

*Physiological Nursing***N301.27A. Genomics Skills Lab.** (1) [Fall].*Prerequisites:* None

Lab 30 hours.

B. Aouizerat

Supervised experience in which students practice procedures or assessment skills relevant to genomics nursing practice.

*Physiological Nursing***N301.27B. History Taking & Pedigree Analysis for Nursing Practitioners.** (1) [Winter].*Prerequisites:* N294

Lab 3 hours.

C. Brown

Supervised experience in which students learn skills of assessment, interventions and/or management.

Physiological Nursing

N414.01. Adult Nurse Practitioner Primary Care Practicum. (1-2) [Fall Winter].*Prerequisites:* N301.01

Clin Exp/Pt Contact 3-6 hours.

Course provide students a supervised clinical experience in Adult Primary care in which students learn and apply advanced health assessment skills, health maintenance concepts, and the assessment and management of identified client health care maintenance needs.

*Community Health Systems***N414.02A. Occupational Health Nursing Role Residency.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* N273A

Conference 1-2 hours. Field Work 2-10 hours.

B. Burgel, D. Drew-Nord

To gain experience in the daily operations of an on-site occupational health nursing (OHN) service, specifically the management and consultation role functions, including worker's compensation program management, budgeting, regulatory compliance (OSHA standards, recordkeeping, ADA, FMLA), and case management processes/outcomes.

*Community Health Systems***N414.02B. Occupational & Environmental Health Program Planning Residency.** (2-8) [Fall Winter Spring Summer].*Prerequisites:* N273A and knowledge in program management

Conference 1-3 hours. Field Work 5-21 hours.

B. Burgel, D. Drew-Nord

To apply concepts of program development and management within an organization or community to meet the needs of the population. Goal is to develop, implement, cost, and evaluate an occupational and/or environmental health and safety program tailored to the needs and culture of the target population, and with the legal, ethical and professional practice framework of occupational health nursing.

*Community Health Systems***N414.04. Psychiatric-Mental Health Nursing Clinical Practicum.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 30-120 hours. Conference 30-60 hours.

Course offers a supervised experience in which students learn skills of assessment, interventions and/or management in Psychiatric Mental Health nursing.

*Community Health Systems***N414.10. Family Nurse Practitioner Clinical Practicum.** (1-4) [Winter Spring].*Prerequisites:* Successful completion of N270 and N301.10

Clin Exp/Pt Contact 3-12 hours.

B. Hollinger

Supervised experience in which students learn skills of assessment, interventions and/or management applicable to family nurse practitioner.

*Family Health Care Nursing***N414.12. Neonatal Clinical Practicum.** (1-4) [Fall Winter].*Prerequisites:* None

Clin Exp/Pt Contact 30-60 hours. Conference 30-60 hours.

A. Carley

Supervised experience in which students learn skills of assessment, interventions, and/or management applicable to neonatal nurse practitioner.

*Family Health Care Nursing***N414.14. Perinatal Clinical Nurse Specialist Clinical Practicum.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* Successful completion of first quarter of advanced practice nursing specialty curricula (Health Assessment, Theory)

Clin Exp/Pt Contact 30-120 hours.

A. Lyndon

Supervised experience in which student learn skills of assessment, interventions, and/or management applicable to perinatal clinical nurse specialist practice.

*Family Health Care Nursing***N414.15A. Antepartum Clinical Practicum.** (1-4) [Fall Winter].*Prerequisites:* None

Clin Exp/Pt Contact 30-120 hours.

R. Kaplan

Supervised experience in which students learn skills of assessment, interventions, and/or management applicable to midwifery and women's health practice.

Family Health Care Nursing

N414.15B. Intrapartum Clinical Practicum. (1-4) [Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 3-12 hours.

D. Anderson

Supervised experience in which students learn skills of assessment, interventions and/or management applicable to midwifery and women's health practice.

*Family Health Care Nursing***N414.15C. Newborn Clinical Practicum.** (1-4) [Spring].*Prerequisites:* Consent of instructor

Clin Exp/Pt Contact 3-12 hours.

M. Johnston

Supervised experience in which students learn skills of assessment, interventions, and/or management applicable to midwifery and women's health practice.

*Family Health Care Nursing***N414.15D. Gynecology Clinical Practicum.** (1-4) [Fall Summer].*Prerequisites:* Successful completion of N259.01 and N259.04

Clin Exp/Pt Contact 30-120 hours.

C. Belew

Supervised experience in which students learn skills of assessment, interventions, and/or management applicable to midwifery practice.

*Family Health Care Nursing***N414.15E. Antepartum Clinical Practicum: Centering Pregnancy.** (1-4) [Fall Winter].*Prerequisites:* Successful completion of N414.15A

Clin Exp/Pt Contact 30-120 hours.

R. Kaplan

Supervised experience in which students learn skills of assessment, intervention, and/or management applicable to midwifery and women's health practice.

*Family Health Care Nursing***N414.15F. Advanced Intrapartum Clinical Practicum.** (1-4) [Fall].*Prerequisites:* Successful completion of N414.15C

Clin Exp/Pt Contact 30-120 hours.

A. Levi

Supervised experience in which students learn advanced skills of assessment, interventions, and/or management applicable to advanced nursing practice in midwifery and women's health.

*Family Health Care Nursing***N414.16. Neonatal/Pediatric Clinical Nurse Specialist Clinical Practicum.** (1) [Fall Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 30-60 hours. Conference 30-60 hours.

A. Carley

Supervised experience in which students learn skills of assessment, interventions, and/or management applicable to neonatal/pediatric clinical nurse specialist practice.

*Family Health Care Nursing***N414.20A. Acute Care Nurse Practitioner Clinical Practicum.** (1) [Fall].*Prerequisites:* None

Clin Exp/Pt Contact 30 hours.

M. Hawk

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

*Physiological Nursing***N414.20B. Acute Care Nurse Practitioner Clinical Practicum.** (2) [Winter].*Prerequisites:* Completion of N301.20; satisfactory completion of N414.20A

Clin Exp/Pt Contact 6 hours.

R. Garbez

Clinical experiences focus on the advancement of history and physical examination skills while acquiring proficiency in developing health promotion and maintenance plans for stable, hospitalized adults using clinical decision-making models.

Physiological Nursing

N414.20C. Acute Care Nurse Practitioner Clinical Practicum. (2) [Spring].*Prerequisites:* Satisfactory completion of N414.20B

Clin Exp/Pt Contact 6 hours.

R. Garbez

Clinical experiences focus on the episodic and/or chronic health needs to hospitalized adults. They will emphasize diagnosis and management of chronic illness, e.g., diabetes, coronary artery disease, COPD, GI and GU problems and infectious diseases.

*Physiological Nursing***N414.20D. Acute Care Nurse Practitioner Clinical Practicum.** (4) [Summer].*Prerequisites:* Completion of N301.20A, N414.20A

Clin Exp/Pt Contact 12 hours.

M. Hawk

Clinical experiences focus on the episodic and/or chronic health needs of hospitalized adults and will emphasize diagnosis and management of chronic illness.

*Physiological Nursing***N414.21. Gerontological Nurse Practitioner Clinical Practicum.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* Completion of N301.21

Clin Exp/Pt Contact 30-120 hours.

S. Moreland

Supervised experience in which students learn skills of assessment, interventions, and/or management.

*Physiological Nursing***N414.22. Gerontological Nursing Clinical Practicum.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 30-120 hours.

S. Moreland

Supervised experience in which student learn skills of assessment, interventions, and/or management.

*Physiological Nursing***N414.23. Oncology Clinical Practicum.** (1-4) [Fall Winter Spring].*Prerequisites:* Completion of N270, N414.23

Clin Exp/Pt Contact 30-120 hours.

Supervised experience in which students learn skills of assessment, interventions, and/or management.

*Physiological Nursing***N414.24. Oncology-Gerontological Nurse Practitioner Clinical Practicum.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* Completion of N301.24

Clin Exp/Pt Contact 30-120 hours.

S. Moreland

Supervised experience in which students learn skills of assessment, interventions, and/or management.

*Physiological Nursing***N414.25. Critical Care/Trauma Clinical Practicum.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 30-120 hours.

Supervised experience in which students learn skills of assessment, interventions, and/or management.

*Physiological Nursing***N414.25A. Basic Interpretation of Chest X-Ray Skills Lab.** (2) [Fall Spring].*Prerequisites:* None

Clin Exp/Pt Contact 60 hours.

C. West

Guided clinical laboratory experience designed to give the graduate nursing student a basic introduction to the principles of chest x-ray interpretation.

*Physiological Nursing***N414.25B. Clinical Electrocardiography.** (1) [Spring].*Prerequisites:* Concurrent enrollment in N225

Lab 3 hours.

B. Drew

Supervised experience in which students learn to interpret the standard 12 lead electrocardiogram and understand the implication for clinical decision making.

*Physiological Nursing***N414.26. Cardiovascular Clinical Residency.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 30-120 hours.

Supervised experience in which students learn skills of assessment, interventions, and/or management.

Physiological Nursing

N414.27. Genomics Clinical Practicum. (1-4) [Fall Winter Spring].*Prerequisites:* None

Clin Exp/Pt Contact 3-12 hours.

Supervised experience in which students learn skills of assessment, interventions, and/or management.

*Physiological Nursing***N414.27A. Genomics Clinical Practicum.** (1) [Fall].*Prerequisites:* None

Clin Exp/Pt Contact 30 hours.

B. Auizerat

Supervised experience in which students learn skills of assessment, interventions, and/or management.

*Physiological Nursing***N414.27B. Family History Taking & Pedigree Analysis.** (1) [Winter].*Prerequisites:* N294A

Independent Study 3 hours.

C. Brown

Supervised experience in which students will practice the skill of obtaining and analyzing family pedigrees to identify possible familial predisposition to genetic illness. Students will also explore the role of the pedigree in achieving medical and psychosocial goals. There will be an emphasis on pedigree taking and analysis in specific disease specialties.

*Physiological Nursing***N414.27C. Genomics Clinical Practicum.** (1) [Fall Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 30-120 hours.

Supervised experience in which students learn skills of assessment, interventions and/or management.

*Physiological Nursing***N415.01A. Adult Primary Care Clinical Residency.** (1-3) [Spring Summer].*Prerequisites:* N301.01, N414.01

Clin Exp/Pt Contact 3-9 hours.

This primary care residency offers the Adult Nurse Practitioner student an opportunity to develop problem-specific history taking and physical examination skills. Residency focuses on clients presenting with episodic illness(es), assessment and formulation of a differential diagnosis for the presenting complaint and consultation with the clinical preceptor in developing a treatment plan for the presenting complaint as well as appropriate health care maintenance.

*Community Health Systems***N415.01B. Adult Primary Care Clinical Residency.** (1-4) [Fall Winter Spring Summer].*Prerequisites:* N415.01A

Clin Exp/Pt Contact 3-36 hours.

Course offers opportunities to integrate scientific knowledge and evidence based practice principles into primary care. Emphasis is on the development of the nurse practitioner role in a variety of clinical settings. Students will have the opportunity to provide primary care to adolescents and adults.

*Community Health Systems***N415.03. Advanced Community Health & International Nursing Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* Epidemiology 190, N215, N234, exceptions may be made with instructor approval

Field Work 60-360 hours.

The residency provides students with the opportunity to apply and evaluate theories, concepts, and skills in a community/public health setting under the supervision of a preceptor. Residency focuses on role development as an advanced practice community/public health specialist through engagement in one of three learning projects: 1) conducting a community/public health-focused project; 2) design and complete a policy analysis project; or 3) design and completion of a research project.

*Community Health Systems***N415.04. Psychiatric Mental Health Nursing Clinical Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* N257, N227

Clin Exp/Pt Contact 60-360 hours. Conference 60-36 hours.

Course integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and direct care skills in advanced practice psychiatric-mental health nursing. Includes application/integration of research, consultation, and clinical leadership as appropriate.

Community Health Systems

N415.10. Family Nurse Practitioner Clinical Residency. (3-12) [Fall Winter Spring Summer].*Prerequisites:* Successful completion of N270 and N301.10

Clin Exp/Pt Contact 60-360 hours.

B. Hollinger

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on clinical skills in family nurse practitioner specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Family Health Care Nursing***N415.11. Advanced Practice Nursing Clinical Residency in Pediatrics.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* Successful completion of N301.11

Clin Exp/Pt Contact 60-360 hours.

A. Chen

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced assessment and diagnostic, clinical decision making, and hand-on-clinical skills in the pediatric nurse practitioner specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Family Health Care Nursing***N415.12. Neonatal Nurse Practitioner Clinical Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* Successful completion of N301.12 or consent of instructor

Clin Exp/Pt Contact 60-360 hours.

A. Carley

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced assessment and diagnostic, clinical decision making, and hands-on-clinical skills in the neonatal nurse practitioner specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Family Health Care Nursing***N415.13A. Acute Care Pediatric Nurse Practitioner Chronic Care Residency.** (3) [Spring].*Prerequisites:* Successful completion of N415.11; concurrent enrollment in ACPNP Chronic Seminar or permission of the instructor

Clin Exp/Pt Contact 9 hours.

M. McCulley

Opportunity in which the student integrates scientific knowledge and clinical practice to develop emerging advanced assessment, diagnostic, and clinical management skills in pediatric specialty/chronic care outpatient practice settings, under the supervision of a clinical preceptor. Focus is on detailed data gathering, refinement of physical exam skills, and identification of problems in the child with a chronic condition.

*Family Health Care Nursing***N415.13B. Acute Care Pediatric Nurse Practitioner Acute Care Residency.** (4-6) [Fall Winter Spring Summer].*Prerequisites:* Successful completion of N415.13A. Concurrent enrollment in N283E and N283I or permission of the instructor

Clin Exp/Pt Contact 120-180 hours.

M. McCulley

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced assessment, diagnostic, and clinical management skills, including clinical procedures, in pediatric acute and/or critical care practice settings, under the supervision of a clinical preceptor. Includes application/integration of research, consultation, and clinical leadership as appropriate. Progression in competency is expected over the three quarters of this course in all areas.

*Family Health Care Nursing***N415.14. Perinatal Clinical Nurse Specialist Clinical Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* Successful completion of first two quarters of advanced practice nursing specialty curricula (Health Assessment, Theory, Human Pathophysiology and Aging, Pharmacology, Research)

Clin Exp/Pt Contact 60-360 hours.

A. Lyndon

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced assessment and diagnostic, clinical decision making, and hands-on-clinical skills in perinatal clinical nurse specialist practice. Includes application/integration of research, consultation and clinical leadership as appropriate.

*Family Health Care Nursing***N415.15. Midwifery Nurse/Practitioner Clinical Residency.** (3-12) [Spring Summer].*Prerequisites:* Consent of instructor

Clin Exp/Pt Contact 6-36 hours.

J. Shaw-Battista

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on-clinical skills in midwifery practice. Includes application/integration of research, consultation, and clinical leadership as appropriate.

Family Health Care Nursing

N414.15B. Intrapartum Clinical Practicum. (1-4) [Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 3-12 hours.

D. Anderson

Supervised experience in which students learn skills of assessment, interventions and/or management applicable to midwifery and women's health practice.

*Family Health Care Nursing***N414.15C. Newborn Clinical Practicum.** (1-4) [Spring].*Prerequisites:* Consent of instructor

Clin Exp/Pt Contact 3-12 hours.

M. Johnston

Supervised experience in which students learn skills of assessment, interventions, and/or management applicable to midwifery and women's health practice.

*Family Health Care Nursing***N414.15D. Gynecology Clinical Practicum.** (1-4) [Fall Summer].*Prerequisites:* Successful completion of N259.01 and N259.04

Clin Exp/Pt Contact 30-120 hours.

C. Belew

Supervised experience in which students learn skills of assessment, interventions, and/or management applicable to midwifery practice.

*Family Health Care Nursing***N414.15E. Antepartum Clinical Practicum: Centering Pregnancy.** (1-4) [Fall Winter].*Prerequisites:* Successful completion of N414.15A

Clin Exp/Pt Contact 30-120 hours.

R. Kaplan

Supervised experience in which students learn skills of assessment, intervention, and/or management applicable to midwifery and women's health practice.

*Family Health Care Nursing***N414.15F. Advanced Intrapartum Clinical Practicum.** (1-4) [Fall].*Prerequisites:* Successful completion of N414.15C

Clin Exp/Pt Contact 30-120 hours.

A. Levi

Supervised experience in which students learn advanced skills of assessment, interventions, and/or management applicable to advanced nursing practice in midwifery and women's health.

*Family Health Care Nursing***N415.16. Neonatal/Pediatrics Clinical Nurse Specialist Clinical Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* Successful completion of N301.12 or consent of instructor

Clin Exp/Pt Contact 60-360 hours.

A. Carley

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced assessment and diagnostic, clinical decision making, and hands-on-clinical skills in neonatal/pediatrics clinical nurse specialist specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Family Health Care Nursing***N415.20A. Acute Care Nurse Practitioner Clinical Residency.** (3) [Fall].*Prerequisites:* Completion of N301.20. Satisfactory completion of N414.20A

Clin Exp/Pt Contact 90 hours.

R. Garbez

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on-clinical skills in acute care nurse practitioner practice settings. Includes application and integration of research, consultation, and clinical leadership as appropriate.

*Physiological Nursing***N415.20B. Acute Care Nurse Practitioner Clinical Residency.** (3) [Winter].*Prerequisites:* Completion of N415.20A; satisfactory completion of Acute Care Nurse Practitioner Clinical Residency

Clin Exp/Pt Contact 9 hours.

R. Garbez

Clinical experiences focus on the advancement of history and physical examination skills while acquiring proficiency in developing health promotion and maintenance plans for stable, hospitalized adults using clinical decision-making models.

Physiological Nursing

N415.20C. Acute Care Nurse Practitioner Clinical Residency. (8) [Spring].*Prerequisites:* Satisfactory completion of N415.20B or N414.20B

Clin Exp/Pt Contact 24 hours.

R. Garbez

Culminating clinical experience in the role of the Acute Care Nurse Practitioner (ACNP), with emphasis on student's specialty interest such as 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 population. Focus is on the development of the nurse practitioner in an acute care setting, emphasizing detailed data gathering and refinement of physical examination skills.

*Physiological Nursing***N415.20D. Acute Care Nurse Practitioner Clinical Residency.** (3-12) [Summer].*Prerequisites:* Satisfactory completion of N415.20C

Clin Exp/Pt Contact 6-36 hours.

R. Garbez

Culminating clinical experience in the role of the Acute Care Nurse Practitioner (ACNP), with emphasis on student's specialty interest such as 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 population. Focus is on the development of the nurse practitioner in an acute care setting, emphasizing detailed data gathering and refinement of physical examination skills.

*Physiological Nursing***N415.21. Gerontological Nurse Practitioner Clinical Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* Completion of N301.21, N414.21

Clin Exp/Pt Contact 60-360 hours.

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on clinical skills in the selected Gerontological Nurse Practitioner specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Physiological Nursing***N415.22. Gerontological Nursing Clinical Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* Completion of N301.21, N414.21

Clinical Clerkship 60-360 hours.

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on clinical skills in the selected (clinical) specialty. Includes application/integration of research, consultation and clinical leadership as appropriate.

*Physiological Nursing***N415.23. Oncology Clinical Residency.** (3-12) [Fall Winter Spring].*Prerequisites:* Completion of N414.23

Clin Exp/Pt Contact 60-360 hours.

T. Koetters

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on clinical skills in the Oncology specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Physiological Nursing***N415.24. Oncology-Gerontological Nurse Practitioner Clinical Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* N301.24, N414.24

Clin Exp/Pt Contact 60-360 hours.

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on clinical skills in the selected Oncology-Gerontology Nurse Practitioner specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Physiological Nursing***N415.25. Critical Care/Trauma Clinical Residency.** (4-12) [Fall Winter Spring Summer].*Prerequisites:* None

Clin Exp/Pt Contact 120-360 hours.

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on clinical skills in Critical Care/Trauma specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Physiological Nursing***N415.26. Cardiovascular Clinical Residency.** (3-12) [Fall Winter Spring Summer].*Prerequisites:* N216A

Clin Exp/Pt Contact 60-360 hours.

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on clinical skills in cardiovascular specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

Physiological Nursing

N415.27. Genomics Clinical Residency. (3-12) [Fall Winter Spring].*Prerequisites:* None

Clin Exp/Pt Contact 60-360 hours.

Opportunity in which the student integrates scientific knowledge and clinical practice to develop advanced diagnostic, clinical decision making, and hands-on-clinical skills in the genomics nursing specialty. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Physiological Nursing***N434. Teaching Residency.** (4-12) [Fall Winter Spring Summer].*Prerequisites:* Consent of instructor

Lab 12-36 hours.

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.

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.

Course provides supervised practice in selected components of the teaching role in nursing.

*Interdepartmental***N445. System Intervention in Pediatric Nursing.** (2) [Spring].*Prerequisites:* None.

Clin Exp/Pt Contact 6 hours.

J. Chen

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.

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

*Interdepartmental***N470. Administration Residency.** (3-12) [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.

Course provides an opportunity to apply & evaluate theories, concepts, & skills in the work setting under the supervision of a preceptor.

*Community Health Systems***N471. Practicum in Health Policy.** (1-8) [Fall Winter Spring Summer].*Prerequisites:* N253, N262A, S228

Lab 3-24 hours.

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 Sciences***N472. Health Policy Residency.** (2-8) [Fall Winter Spring Summer].*Prerequisites:* N253, N262A, S228

Lab 6-24 hours.

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 Sciences

Nutrition Courses

Nutr. 218. 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.

Nutrition - Family Health Care Nursing

Sociology Courses

S201 (Soc. 201). Violence as a Health Problem in the United States. (2-4) § [Winter Spring].

Prerequisites: None

Lab 0-6 hours. Lecture 2 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 Sciences

S202. Future of Health & Health Care. (2) § [Winter].

Prerequisites: None

Lecture 1 hour. Seminar 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 Sciences

S204. Global & Local Health Disparities & Inequalities. (3) § [Spring].

Prerequisites: None

Lecture 10 hours. Seminar 20 hours.

S. Dworkin

An interdisciplinary course to examine the confluence of factors (including the impact of social, economic, and political systems, culture, war, and race, class, gender, and sexuality inequity) that create and sustain the conditions leading to disparities in health status and health care both domestically and globally. There is special emphasis on the ways in which structural violence shape the experience of life, death, health, and hardship for individuals around the world.

Social & Behavioral Sciences

S206. Corporate Influences on Health & Health Care. (2-3) § [Fall].

Prerequisites: None

Field Work 30 hours. Lecture 20 hours.

R. Malone

Course examines the positive and negative contributions of corporate entities to health, health care and health policy within the U.S. and globally, focusing on developing critical thinking and policy analysis skills related to system-level structural-economic factors that influence health, includes content from research and theoretical literature related to corporate personhood, rights, responsibilities and accountability and its application to health policy and ethics discourse.

Social & Behavioral Sciences

S207. Sociology of Health and Medicine. (2-4) § [Fall].

Prerequisites: None

Lab 9 hours. Seminar 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 Sciences

S208. Social Psychology of Health & Illness. (2-4) § [Winter].

Prerequisites: None

Lab 3 hours. Lecture 2 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 Sciences

S210. Proseminar in Health Policy. (1) § [Fall Winter].*Prerequisites:* None

Seminar 1 hour.

T. Weitz

Seminar to extend knowledge of the varied scope of health policy research and analysis. The focus will be on specific policy research, analysis and implementation strategies.

*Social & Behavioral Sciences***S211. Information Systems, Organizational Change & Health Policy.** (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 organizations, focusing on: EMR capabilities, use, costs and benefits; factors affecting costs and benefits; theories of innovation diffusion; the relationship between IT and organizational changes; EMR health policy options.

*Social & Behavioral Sciences***S212A. Sociological Theory: Classical.** (5) § [Fall].*Prerequisites:* None

Lab 9 hours. Lecture 2 hours.

C. Chaufan

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

*Social & Behavioral Sciences***S212B. Sociological Theory: Contemporary.** (5) § [Winter Spring].*Prerequisites:* S212A

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 Sciences***S212C. Sociological Theory: Symbolic Interaction.** (5) § [Spring].*Prerequisites:* S212A and B or permission of the instructor.

Lecture 2 hours.

A. Clarke

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

*Social & Behavioral Sciences***S219. Social Policy in Aging.** (2-3) § [Winter].*Prerequisites:* None

Lecture 2 hours. Project 3 hours.

P. Fox, B. Hollister

Course will expose students to a range of conceptual perspectives from the social & policy sciences on the subject of aging and social policy, including theories of aging, retirement policy, ideologies of approaches to aging policies, income security policies, health care and long-term care policies, disability issues, and aging and diversity, as well as future issues related to social policy in aging. The course focuses primarily, but not exclusively, on aging in the United States.

*Social & Behavioral Sciences***S221. Qualifying Examination.** (1-8) § [Fall Winter Spring].*Prerequisites:* Completion of preliminary examinations.

Lab 3-24 hours.

Course will offer preparation for the specialty area qualifying examination.

*Social & Behavioral Sciences***S222. Health Economics and Policy.** (2) § [Winter].*Prerequisites:* None

Lecture 2 hours.

S. Chapman

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 Sciences

S223. Perspectives on Public Policy. (3) § [Fall Winter Spring].*Prerequisites:* Consent of instructor.

Lab 3 hours. Lecture 2 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 Sciences***S225. Organizational Analysis of United States Healthcare.** (4) § [Spring].*Prerequisites:* None

Clin Exp/Pt Contact 2 hours. Seminar 2 hours.

J. Schmittiel, 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 Sciences***S226. Long Term Care Policies.** (2-3) § [Fall].*Prerequisites:* None

Project 3 hours. Seminar 2 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 Sciences***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.

Lab 1 hour. Project 3 hours.

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 Sciences***S230. Socio-cultural Issues in AIDS.** (2-3) § [Winter].*Prerequisites:* None

Project 3 hours. Seminar 2 hours.

R. Eversley, C. Harrington, 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 Sciences***S233. Sociology of Aging.** (2-3) § [Winter].*Prerequisites:* None

Lecture 2 hours. Project 3 hours.

P. Fox, B. Hollister

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 Sciences***S235. Tobacco Control Policy Issues.** (1-3) § [Fall].*Prerequisites:* None

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

R. Malone

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 Sciences

S236. Race and Class Factors in Health Care Delivery. (3) § [Fall Winter Spring].*Prerequisites:* Graduate status, consent of instructor.

Lab 3 hours. Lecture 2 hours.

H. Pinderhughes, J. Shim

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 Sciences***S238. Feminist Theory.** (2-4) § [Fall Winter Spring].*Prerequisites:* Some background in social theory.

Field Work 0-6 hours. Lecture 2 hours.

S. Dworkin

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 Sciences***S240. Older Women's Issues.** (2-4) § [Fall].*Prerequisites:* None

Lab 0-6 hours. Seminar 2 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 Sciences***S245. Gender, Race & Postcoloniality & ST&MS.** (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 Sciences***S246. Communications & Policy Leadership.** (3) § [Winter].*Prerequisites:* None

Lecture 2 hours. Seminar 1 hour.

R. Malone

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

*Social & Behavioral Sciences***S248. Group Independent Study.** (1-4) § [Fall Winter Spring].*Prerequisites:* Consent of instructor

Seminar 1-4 hours.

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 Sciences***S249. Special Studies in Sociology for Graduate Students.** (1-8) § [Fall Winter Spring].*Prerequisites:* Consent of instructor

Seminar 1-8 hours.

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 Sciences***S260. Policy & Politics of Health.** (2-5) § [Fall Winter Spring].*Prerequisites:* None

Field Work 0-9 hours. Lecture 2 hours.

H. Pinderhughes

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 Sciences

S272. Dissertation Research Seminar. (1-3) § [Fall Winter Spring].*Prerequisites:* None

Lab 0-6 hours. Seminar 1 hour.

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 Sciences***S277. Seminar on Disability.** (1-3) § [Fall Winter Spring].*Prerequisites:* None

Lab 0-3 hours. Seminar 1-2 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 Sciences***S282. Sociology of Science/Technology.** (2-4) § [Fall].*Prerequisites:* None

Lab 0-6 hours. Seminar 2 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 Sciences***S284. Health Care Economics.** (4) § [Winter].*Prerequisites:* None

Project 3 hours. Seminar 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 Sciences***S285A. Qualitative Methods I.** (5) § [Fall].*Prerequisites:* None

Field Work 6 hours. Seminar 3 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 Sciences***S285B. Qualitative Methods II: Analysis.** (5) § [Winter].*Prerequisites:* N285A or S285A

Field Work 6 hours. Seminar 3 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 Sciences***S285C. Qualitative Analysis.** (3) § [Fall Winter Spring].*Prerequisites:* S285AB or N285AB

Lab 3 hours. Lecture 2 hours.

P. Benner, A. Clarke, V. Olesen

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

*Social & Behavioral Sciences***S286. Gender, Sex & Health.** (2-4) § [Winter].*Prerequisites:* None

Field Work 0-6 hours. Lecture 2 hours.

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 Sciences

S289A. Advanced Quantitative Research Methods I. (5) § [Fall].

Prerequisites: B187 & N209 & N212 or equivalent

Lecture 5 hours.

S. Dworkin

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 Sciences

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 Sciences

S289C. Advanced Measurement Methods. (3) § [Spring].

Prerequisites: S289A, B or equivalent course(s) in quantitative methods

Lab 3 hours. Lecture 2 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 Sciences

S299. Dissertation. (0) § [Fall Winter Spring].

Prerequisites: Advancement to candidacy & permission of the graduate advisor

Lecture 0 hours.

For graduate student engaged in writing the dissertation for the PhD degree

Social & Behavioral Sciences