

## Course Catalog

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

The official **catalog**, with prerequisites and descriptions of all UCSF courses, is available at <http://student.ucsf.edu/genocat/ucsfcat.html>, and the course schedule showing meeting dates and times is at <https://saa.ucsf.edu/courseschedule> (select Term and Subject).

The following extract from the official 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.

## Biostatistics Courses

**B187. Intro Stat Theory & Practice.** (5) § [Winter].

*Prerequisites:* Previous course in introductory statistics

Lecture/Lab 50 hours.

S. Paul

Review of basic statistical theory, sampling, descriptive statistics and probability. Presentation of confidence intervals, hypothesis testing, one- and two-factor analysis of variance, correlation, simple linear regression, and chi-square tests. A preparation for more advance work.

*Epidemiology & Biostatistics*

**B192. Introduction to Linear Models.** (5) § [Spring].

*Prerequisites:* Biostatistics 183 or 187 or equivalent or permission of instructor

Lecture/Lab.

S. Paul

This course begins with bivariate correlation and simple linear regression and then moves on to a presentation of multiple regression techniques and the analysis of variance under the general model. The focus is on the choice of technique and interpretation of results rather than on mathematical development of the methods.

*Epidemiology & Biostatistics*

## Nursing Courses

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

*Prerequisites:* None

Lecture 3 hours.

P. Bellefeuille

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 Professional Nursing.** (11) [Summer].

*Prerequisites:* None

Lecture 3 hours. Clin Exp/Pt Contact 24 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. Concurrent laboratory designed 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.

K. McGirr, D. Johnson

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:* 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:* Enrollment in Masters Entry Program in Nursing (MEPN).

Lecture 5 hours.

M. Hultgren

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. Clin Exp/Pt Contact 10 hours.

V. Keeton

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. Clin Exp/Pt Contact 10hours

J. Shaw-Battista, C. Belew

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

*Family Health Care Nursing*

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

*Prerequisites: N142*

Lecture 2 hours.

E. Monasterio

Course focuses on significant sociocultural aspects of health and illness that make particular impacts on nursing practice in a variety of settings. Attention will be given to cultural diversity associated with ethnicity and social class.

*Family Health Care Nursing*

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

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

Lecture 3 hours. Clin Exp/Pt Contact 9 hours

K. McGirr, D. Johnson

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. 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.

V. Keeton

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 practice and healthcare delivery.

*Family Health Care Nursing*

**N170. MEPN Clinical Residency.** (4-6) [Fall Winter Spring Summer].

*Prerequisites: N141, N142, N143 N144, N145, N146, N147, N148, N149, N150, N151.*

Clinical Experience 120-180 hours.

L. Sawyer

This clinical residency provides student with a registered nurse experience comparable to an entry-level RN position. Under supervision of an assigned preceptor, the student gains experience caring for individual patients and builds expertise in clinical practice and organizational skills. The student may do a residency in any clinical area approved by faculty. Students share the patient care assignment of an RN preceptor, based on the RN's schedule.

*Community Health Systems*

**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 Prologue.** (1) § [Fall].

*Prerequisites:* Nursing students who are in the Master's program  
Seminar 12 hours. Web-based coursework 18 hours.

J. Martin-Holland

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*

**N200.01. MS Epilogue.** (0.5-1) § [Spring]

*Prerequisites:* N200

Lecture 5-10 hours

This summative learning experience for the MS program is intended to foster the students' professional role with a focus on professional development, emphasis on lifelong learning, a sense of moral obligation; strategies to maintain and improve professional competence, enhance career progression, keep abreast of new technology and practice, and to comply with professional regulatory organizations *Physiological Nursing*

**N200.02. MS Epilogue/Leadership Competency Integration.** (1-2) [Spring]

*Prerequisites:* Nursing 211B

Lecture 20 hours.

L. Sawyer

Using established nursing executive and leadership competencies, this course provides information to enable the student to integrate management and leadership principles in self-assessment, identification of areas for further growth, and in preparation for assuming complex leadership roles in the health care system

*Community Health Systems*

**N201.01. Theoretical Foundations of Academic Nursing.** (3) § [Fall].

*Prerequisites:* None

Lecture 2 hours. Seminar 15 hours. Web-based coursework 15 hours.

J. Martin-Holland

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:* Doctoral standing or consent of instructor

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*

**N203. End-of-Life Care Across Practice Settings.** (2) § [Winter].

*Prerequisites:* None

Seminar 2 hours.

D. Donesky

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 2 hours. Seminar 3 hours or consent of instructor.

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 advanced level of conversational Spanish to enroll in course

Seminar 30 hours.

P. Bernal de Pheils

Course provides advanced content and practice in Spanish language skills. Emphasis is in taking a health history, giving physical exam instructions, assessing patient understanding of health, illness, and belief systems, and addressing patient concerns using proper terminology and correct grammar tense and within the socio-cultural background of selected Latino American groups.

*Family Health Care Nursing*

**N207B. Communicating with the Latino Patient II.** (1) § [Spring].

*Prerequisites:* Enrollment by consent of instructor will be given to Master's students. Other students will be included if space is available.

Seminar 30 hour.

P. Bernal de Pheils

This course provides advanced content and practice in communicating with Latino women in Spanish. Emphasis is on addressing selected reproductive health care issues for women. Specifically how to take health history, give physical exam instructions, and assess women's understanding of reproductive health, illness, and belief systems, and addressing patient concerns using appropriate terminology and correct verb tense and within the socio-cultural background of selected Latino American groups.

*Family Health Care Nursing*

**N207C. Antepartum Care for Spanish Speaking Patients.** (1) [Winter Spring].

*Prerequisites:* N251.01, N270.

Seminar 30 hour.

P. Bernal de Pheils

Course provides advanced content and practice in communicating in Spanish when caring for Latino Pregnant women during initial and follow-up prenatal care visits. Strategies for effective communication as an advanced practice nurse are taught. Emphasis is given to appropriate utilization of medical terminology while providing care of the pregnant patient. Students have the opportunity to practice, in Spanish, skills such as interviewing pregnant women and providing pregnancy-related education.

*Family Health Care Nursing*

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

*Prerequisites:* None

Seminar 15-30 hours. Web-Based Coursework 15-30 hours.

D. Donesky

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 alterations with clinical manifestations, and in selected areas, consideration of the role pharmacological agents in the disease process.

*Physiological Nursing*

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

*Prerequisites:* None

Lecture 2 hours.

A. Lyndon

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 Design.** (2) § [Fall].

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

Lecture 2 hours.

Course provides a critical analysis of techniques to conduct systematic reviews of bodies of knowledge, provides strategies to critique the scientific rigor (validity) of quantitative research designs, and issues related to clinical relevancy of research findings. Student's link theory with operations, conducts, synthesize, critique systemic reviews of bodies of knowledge.

*Physiological Nursing*

**N210A. Introduction to Healthcare Informatics.** (3) § [Fall].

*Prerequisites:* None

Lecture 3 hours.

D. Wantland

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

*Community Health Systems*

**N211.01. Issues in Nursing Administration and Leadership.** (2) § [Fall].

*Prerequisites:* None

Lecture 2 hours.

L. Sawyer

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.

M. Fleming, 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.

M. Fleming, 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, communication and performance improvement.

*Community Health Systems*

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

*Prerequisites:* N209A

Lecture 2 hours.

R, Rehm

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.

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*

**N212C. Principles and Methods of Epidemiology.** (3) § [Winter].

*Prerequisites:* None

Lecture 30 hours.

S. Lee

This course covers the essential concepts, principles, and methods of epidemiologic research. Content includes key features of descriptive and analytic epidemiology, measures of risk, measures of association, causal inferences, and study designs. The course will emphasize application of the principles and methods in reviewing and using epidemiologic knowledge and research findings and in guiding practice and research.

*Community Health Systems*

**N213A. Common Problems of Cancer Care.** (3) § [Fall].

*Prerequisites:* None

Seminar 3 hours.

C. Baggott

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 3 hour.

D. Donesky

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 discussed.

*Physiological Nursing*



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

*Prerequisites:* None

Lecture 3 hours.

C. Waters

Course includes a comprehensive analysis of methods, theory and research to assess, plan, intervene, and evaluate health risks and resources for diverse populations and their interface with public and community-based care systems.

*Community Health Systems*

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

*Prerequisites:* None

Lecture 3 hours.

M. White

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*

**N216B. Cardiovascular Disease II.** (3) § [Winter].

*Prerequisites:* Completion of first year of masters nursing courses

Lecture 2 hours. Seminar 3 hours.

D. Donesky, L. Kee

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.

C. Chesla, L. Mihaly

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 Family Nurse Practitioner 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 N245, N246, N247, N247.02A, N247.02B, N217A, N270,

Lecture 1 hour. Seminar 3 hours.

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 in providing medical and nursing care to this population.

*Family Health Care Nursing*

**N220. Academic Role Development.** (2) § [Winter].

*Prerequisites:* None

Seminar 2 hours.

D. Vlahov, S. Robinson

Course 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.

*Community Health Systems*

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

*Prerequisites:* N202A

Lecture 3 hours.

J. Cataldo

Course provides critique of theoretical approaches that guide development of science for nursing care of the adult that are applicable to the doctoral students' area of study or research question. Research methods for development, testing and implementation of selected theoretical approaches are discussed and critiqued. Identification of the theoretical framework or development of a conceptual framework that is most appropriate for the students' area of study or research question.

*Physiological Nursing*

**N223A. Symptom Research Proseminar.** (2) § [Winter].

*Prerequisites:* Symptom Management Trainee or permission of instructor

Seminar 2 hours.

C. Kennedy

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

*Interdepartmental*

**N223B. Symptom Research Proseminar.** (2) § [Spring].

*Prerequisites:* Symptom Management Trainee or permission of instructor

Seminar 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 permission of instructor

Seminar 2 hours.

K. Lee, S. Janson

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:* Consent of instructor

Lecture 2 hours.

B. Drew

Cardiac electrophysiology in normal and pathological states and the scientific base for nursing's response to cardiac arrhythmias. Content includes: theory and research on the mechanisms, diagnosis, electrographic

monitoring, treatment of arrhythmias, and use of the electrocardiogram for nursing research.  
*Physiological Nursing*

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

*Prerequisites:* Consent of instructor

Lecture 2 hours. Seminar 3 hours. Library 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) § [Fall].

*Prerequisites:* Doctoral standing or consent of the instructor

Lecture 2 hours. Seminar 1 hour.

L. Franck, R. Rehm

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

*Family Health Care Nursing*

**N231A. Substance Use and Mental Illness.** (2) [Summer].

*Prerequisites:* None

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*

**N232.01. Essential of Pharmacology Across the Lifespan.** (1) [Winter Spring].

*Prerequisites:* The course is to be taken concurrently with either N232.02, N232.04A or N232.07A

Web 30 hours.

N. Schapiro, H. Leutwyler

The purpose of this on-line pharmacology course is to provide advanced practice nursing students with an overview of physiologic changes in pharmacokinetics, pharmacodynamics and drug-drug interactions across the life span, as well as legal, regulatory and safety issues related to prescribing in advanced practice nursing. Students will apply these principles to antibiotic prescribing and proper use of controlled substances.

*Family Health Care Nursing, Physiological Nursing*

**N232.02. Advanced Clinical Pharmacology.** (3) [Winter].

*Prerequisites:* The course is to be taken concurrently with N232.

Lecture 20, Web 30 hours.

H. Leutwyler

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.** (1) § [Spring].

*Prerequisites:* Past or concurrent enrollment in N232.01 Essentials of Pharmacology Across the Life Span, N246-Signs & Symptoms and N283B-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. Evidence-based pharmacologic interventions are integrated into the management of common pediatric illnesses through case-based discussions and assignments.

*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. Web-based coursework 6 hours.

N. Schapiro

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

*Family Health Care Nursing*

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

*Prerequisites:* N232, N257

Lecture 20 hours.

K. Johnson

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) § [Fall].

*Prerequisites:* None

Lecture 5 hours.

R. Bravo

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

*Physiological Nursing*

**N232.07A. Neonatal Pharmacology.** (2) § [Spring].

*Prerequisites:* Concurrent enrollment in N254.01 or permission of instructor

Lecture 2 hours.

M. Lynch

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

*Family Health Care Nursing*

**N232.07B. Complex Pharmacologic Strategies for Neonates/Infants.** (2) § [Winter].

*Prerequisites:* Successful completion of N254.01 and N254.02 (Neonatal Pathophysiology) or permission of instructor

Lecture 2 hours. Web-based coursework 6 hours.

A. Carley

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*

**N234A. Evidence-Based Project Planning I.** (2) § [Fall].

*Prerequisites:* None

Lecture 10 hours. Seminar 30 hours. Web-based Coursework 3 hours.

L. Mackin

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 the first quarter, students will identify a clinical problem suitable for a small test of change project based on evidence-based practice solutions in current literature. In the second quarter, the student will execute and evaluate the small test of change project.

*Physiological Nursing*

**N234B. Evidence Based Project Planning II.** (1) § [Fall Winter Summer].

*Prerequisites:* N234A-Evidence-based Project Planning I

Seminar 30 hours.

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 course, students will execute and evaluate the small test of change project.

*Community Health Systems*

**N238A. Child Development & Alterations in Behavior.** (2) § [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

Lecture 1 hour. Independent Study 3 hours.

A. Carley

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

*Family Health Care Nursing*

**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.

K. Lee, C. Portillo, H. Kennedy

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.

*Community Health Nursing*

**N240.06. HIV/AIDS Prevention Care.** (1) § [Fall Winter Spring].

*Prerequisites:* None

Seminar 1 hour.

C. Portillo

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

prevention and care.  
*Community Health Systems*

**N240.08. Advanced Child Developmental Science.** (2) § [Spring].

*Prerequisites:* None

Seminar 2 hours.

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.

*Community Health Nursing/Family Health Care Nursing*

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

*Prerequisites:* Consent of instructor

Lecture 1 hour. Field Work 0-12 hours.

O. Hong

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

*Community Health Systems*

**N240.12. Family Health & Relational Research.** (2) § [Winter].

*Prerequisites:* N290 or consent of instructor; enrollment in a doctoral program.

Lecture 1 hour. Seminar 1 hour.

C. Chesla

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

*Family Health Care Nursing*

**N240.15. Theories & Methods in Aging Research.** (2) § [Fall].

*Prerequisites:* Permission of the instructor

Seminar 6 hours.

J. Cataldo, M. Wallhagen

This 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 the 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*

**N240.19. Quality & Safety of Patient Care.** (3) § [Spring].

*Prerequisites:* None

Seminar 9 hours.

A. Lyndon, M. Foley

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.  
*Family Health Care Nursing*

**N240.20. Global & Comparative Health Care Policies & Systems.** (2) [Spring].

*Prerequisites:* None

Seminar 60 hours.

C. Chaufan

This course introduces students to the comparative study of global health care systems and policies, drawing from the fields of public policy, health care economics, public health, sociology, ethics and history. Includes health care systems/policies of industrialized and industrializing nations and examines the new federal health law and alternative models of reform. Combines lecture, discussion, and policy analysis.

*Social & Behavioral Sciences*

**N241. Dimensions of Advanced Practice Nursing.** (2) [Fall].

*Prerequisites:* None

Lecture 20 hours.

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.** (.05) [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

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 Summer].

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

Lecture 2 hours.

J. Shaw-Battista

Course expands content of N241 to important to professional practice for nurse-midwives. Includes content such as methods of ensuring quality clinical practice, the legal basis of midwifery/women's health practice and the implementation of innovative practice modes.

*Family Health Care Nursing*

**N241A. Dimensions in Leadership I.** (1) § [Spring].

*Prerequisites:* None

Lecture 10 hours.

J. Stotts

This course provides students the opportunity to view their particular advanced practice nursing role in the larger context of advanced nursing practice. The goal of the course is to use appropriate theories as the basis for discussing current organization economic political, legal and regulatory factors and trends that influence advanced nursing practice in various settings. Critical leadership and professional skills for advanced practice nurses and also discussed

*Physiological Nursing*

**N241B. Dimensions in Leadership II.** (1) § [Fall].

*Prerequisites:* N241A or permission of FOR

Lecture.

J. Stotts

This course provides students the opportunity to view their particular advanced practice nursing role in the larger context of advance nursing practice. The goal of the course is to use appropriate theories as the basis for discussing current organization economic political, legal and regulatory factors and trends that influence advanced nursing practice in various settings. Critical leadership and professional skills for advanced practice nurses and also discussed.

*Physiological Nursing*

**N242.01. HIV/AIDS Seminar.** (1) [Winter].

*Prerequisites: N242A and N242B if N242A and N242B have not been completed, students should meet with the instructor to discuss enrolling in the course.*

Seminar 30 hours

S. Stringari-Murray, C. Dawson-Rose

Seminar in organized as student-directed discussions of clinical topics relevant to HIV/AIDS Advanced Nursing Practice. The Care Model is used to guide discussions of how to implement best practices in HIV/AIDS care and achieve improved health outcomes for HIV-infected individuals at risk of or infected with HIV.

*Community Health Systems*

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

*Prerequisites: N242.01*

Seminar 30 hours

S. Stringari-Murray

Seminar are organized as student-led presentations of clinical issues relevant to HIV/AIDS Advance Practice Nursing Presentations are designed to improve students ability to use the medical literature to guide clinical practice and improve patient outcomes and to provide opportunities to develop professional presentations that can be submitted to a national conference or a journal. Students are encouraged to use their comprehensive exam topic for this course.

*Community Health Systems*

**N242A. HIV/AIDS Epidemiology, Policy and Prevention.** (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*

**N242D. HIV/AIDS: Integrated Care.** (1-3) § [Fall].

*Prerequisites: N242A, N242B,*

Lecture 30 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*

**N243A. Family Therapies.** (2) § [Winter Spring]

*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. Comorbid conditions will be discussed from a model of chronic illness care perspective.

*Community Health Systems*

**N243B. Group Psychotherapies.** (2) § [Fall Winter].

*Prerequisites:* None

Lecture 2 hours.

B. Phoenix, K. McGirr

Course examines and discusses theories and practice of various group modalities in current use. Emphasis is on understanding and promoting therapeutic processes in types of groups commonly facilitated advanced practice nurses. *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 across the lifespan. Explores assessment and intervention with individuals, families and populations with past or current experience of physical, sexual, or emotional violence, as well as disaster or terrorism victims. Emphasizes approaches to address both acute and chronic responses.

*Community Health Systems*

**N245.01. Seminar in Adult Primary Care.** (1) § [Winter].

*Prerequisites:* N270, concurrent enrollment in N245, or consent of instructor

Lecture 1 hour.

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.

L. Mackin

Seminar is taken concurrently with N245 and provides specialty content necessary for gerontological primary care nurse practitioners. Application from N245 lectures will be made to the specialty area using case presentations and other relevant learning strategies.

*Physiological Nursing*

**N245.04. Pediatric Health Promotion and Protection.** (2-3) § [Fall].

*Prerequisites:* None

Lecture 2 hours.

J. Chen

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 and concurrent enrollment in N415.11 or consent of faculty of record.

Seminar 3 hour.

L. Johnson, 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 care setting.

*Physiological Nursing*

**N245.07. Infant Neuromotor & Behavioral Development.** (3) § [Winter].

*Prerequisites:* Course must be taken in conjunction with N406

Lecture 3 hours.

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*

**N245.28. Seminar in Adult Gerontology Primary Care.** (1) [Winter].

*Prerequisites:* This seminar is limited to students in the AGNP, AGNP-HIV and AGNP-OEH specialty tracks. Students must have completed N270 and Specialty Track Advanced Health Assessment Skill Lab and be currently enrolled in N245A Clinical Prevention and Population Health.

Lecture 3 hours.

S. Stringari-Murray

The N245.28 Seminar provides students with content in risk assessment, application of evidence-based clinical prevention strategies and skill development in selected health promotion activities for the purpose of providing primary care to adolescents and adult's health across the adult lifespan.

*Community Health Systems*

**N245A. Clinical Prevention and Population Health A.** (1-2) § [Winter]

*Prerequisites:* None

Lecture 8-10 hours. Seminar 0-2 hours. Workshop 0-8 hours. Web-based course work 0-18hours.

B. Burgel, D. Vlahov

Course investigates clinical prevention, health promotion and population health concepts in relationship to health through literature review and case studies. Evidenced-based, epidemiologic, population health approaches will be applied to healthcare decision making at all levels of prevention at both the individual and system levels.

*Community Health Systems/Family Health Care Nursing*

**N245B. Clinical Prevention and Population Health B.** (1) [Spring]

*Prerequisites:* Satisfactorily completed the N200, N262A&B, N245A

Lecture 3 hours. Seminar 12 hours. Web-based course work 5 hours.

K. Duderstadt

Participants investigate the determinants of population health and the relationship between health and disease among individuals through literature appraisal, theory analysis, and projects. Students also explore clinical prevention strategies and health policies that influence health determinants and improve care outcomes.  
*Community Health Systems/Family Health Care Nursing*

**N246. Symptom Assessment & Management.** (3) § [Spring].

*Prerequisites:* N270, N245

Lecture 3 hours.

J. Makonnen

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:* N270 and accompanying skills lab, N245 and related practicum, and concurrent enrollment in N246

Seminar 1 hour.

H. Grundland

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, E. Scarr

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

*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*

**N246.04. Assessing & Managing Medical Symptoms in Psychiatric Patient** (1) § [Spring]

*Prerequisites:* Concurrent enrollment in N246 is required for this course

Seminar 30 hours.

M. Terry

Course focuses on the application of clinical reasoning skills for acute medical complaints in patients with psychiatric disorders. Students will concurrently attend lectures for N246-The Assessment and Management of Common Symptoms, and will apply this information in case presentations and problem-based learning approaches that address the medical needs of patients with mental health disorders.

*Community Health Systems*

**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*

**N246.28. Seminar in Adult Gerontology Primary Care.** (1) [Spring Summer].

*Prerequisites:* Must be concurrently enrolled in N245B and N246 or with consent of instructor.

Seminar 30 hours.

H. Grundland

The N246.28 seminar provides content specific to the Adult Gerontology Nurse Practitioner role in assessment and management of symptoms commonly encountered in primary care of adults across the lifespan. Seminar is taken concurrently with N246 Common Symptom Assessment & Management and application from N246 lectures will be made through case-based discussions.

*Community Health Systems*

**N247. Management of Complex Health Problems.** (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; E. Wilson

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*

**N247.01A. Seminar in Adult Primary Care.** (1) § [Fall]

*Prerequisites:* Have taken or concurrently enrolled in N245, N245.01, N246, N246.01, N247, N270

Seminar 30 hours.

Seminar provides students with an opportunity to enhance clinical problem-solving skills and role development as a Primary Care Provider. Through the use of case study analysis, application of evidence-based guidelines and expert consultation, students will gain experience in assessment and management of common complex illnesses in Adult Primary Care.

*Community Health Systems*

**N247.01B. Seminar in Adult Primary Care.** (2) [Winter]

*Prerequisites:* Have taken or concurrently enrolled in N245, N245.01, N246, N246.01, N247, N247.01A, N270

Seminar 30 hours.

Seminar provides students with an opportunity to enhance clinical problem-solving skills and role development as a Primary Care Provider. Through the use of case study analysis, application of evidence-based guidelines and expert consultation, students will gain experience in assessment and management of common complex illnesses in Adult Primary Care.

*Community Health Systems*

**N247.02A. Seminar in Family Primary Care.** (3) § [Fall].

*Prerequisites:* N246 and concurrent enrollment in N247

Seminar 3 hours. Other 10 hours.

J. Makonnen, E. Monasterio, E. Scarr

Seminar is taken concurrently with N247 and provides the specialty content necessary for Family Primary 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 in Advanced Family Primary Care.** (2) § [Winter].

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

Seminar 2 hours.

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 of study which is related to his/her area of interest or future goals.

*Interdepartmental*

**N250. Research.** (1-8) § [Fall Winter Spring Summer].

*Prerequisites:* Admission to doctoral study and consent of instructor

Research 3-24 hours.

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

*Interdepartmental*

**N251.01. Proposal & Grant Writing.** (2) § [Fall Winter Summer].

*Prerequisites:* None

Lecture 2 hours.

K. Lee

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.

*Family Health Care 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 is second of three courses that are replacing the previous child mental health courses (N235A&B). The new courses represent a modified approach to important content in the assessment and treatment of children and youth. They are required courses for the Master's students in advanced psychiatric/mental health nursing who are specializing in work with children and families.

*Community Health Systems*

**N253. Theories of the Health Policy Process.** (3) § [Fall].

*Prerequisites:* None

Seminar 3 hours.

L. Schmidt

Course focuses on learning and using theories of the policy process, including analyzing how health policy is 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].

*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. Howie-Esquivel

Course focuses on diagnostic 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. For major cardio-pulmonary renal diseases. Lectures provide content for seminar discussion.

*Physiological Nursing*

**N255B. Diagnosis & Treatment of Acutely Ill/Injured II.** (3) § [Winter].

*Prerequisites:* Acute Care Nurse Practitioner student 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 Therapeutic Interventions.** (2) § [Winter].

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

Lecture 2 hours.

R. Garbez, J. Howie-Esquivel

Course provides the knowledge necessary to order and interpret selected diagnostic and therapeutic regimens.

*Physiological Nursing*

**N257. Assessment & Management of Common Psychiatric Symptoms.** (2) § [Fall].

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

Lecture 2 hours.

L. Chafetz

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, R. Kaplan

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. Special Problems in Women's Health.** (2) § [Winter Summer].

*Prerequisites:* Consent of instructor

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*

**N259.04. Contraception in Primary Care.** (1) § [Fall].

*Prerequisites:* None

J. Makonnen

Course explores the complex and comprehensive contraception issues within the context of the family and community environment. This self-paced module prepares the learner to counsel individuals and their partners in contraceptive decision-making.

*Family Health Care Nursing*

**N260A. Introduction to International Health Work.** (1) [Spring].

*Prerequisites:* None

Lecture 10 hours

E. Scarr

This is an introductory course for nursing students with an interest in doing international work in a resource-poor setting, but with no experience to date in doing so.

*Family Health Care Nursing*

**N260E. Infectious Diseases.** (3) § [Spring].

*Prerequisites:* Consent of instructor

Lecture 20 hours Seminar 30.

E. Scarr

This course will introduce students to the global burden of infectious diseases, with an emphasis on the challenges faced by providers in low-resource settings. Through a mixed format of discussion and didactic presentations, the epidemiology of selected diseases will be presented, followed by their clinical presentation and management.

*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 for Nurse Leaders.** (2) § [Winter].

*Prerequisites:* None

L. Sawyer

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 micro-teach 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) § [Fall].

*Prerequisites:* Consent of instructor

Seminar 2 hours.

R. Sternberg

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) § [Spring].

*Prerequisites:* None

Lecture 2 hours.

C. Dawson Rose, S. Chapman

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*

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

*Prerequisites:* N262A

Seminar 2 hours.

L. Thompson

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.

K. Lee

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

*Family Health Care Nursing*

**N262.06. Research Utilization in Health Policy.** (2) § [Winter 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) [Winter].

*Prerequisites:* None

Lecture 18 hours.

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*



**N262B. Advanced Scholarship in Research II.** (2) [Spring].

*Prerequisites:* N262A

Lecture 10 hours. Seminar 15 hours. Web-based course work 15 hours.

C. Baggott, J. Cataldo

Course expands and integrates the research methods content covered in N262A. Students will focus on critical evaluation of research literature as the foundation for evidence-based practice & research. Emphasis is on evaluating the strength of each single study and of a body of research studies.

*Physiological Nursing*

**N265. Cancer Prevention/Early Detection.** (2) § [Spring].

*Prerequisites:* None

Seminar 2 hours.

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) § [Winter].

*Prerequisites:* None

Lab 4 hours.

B. Drew

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.

*Physiology Nursing*

**N270. Advanced Health Assessment.** (2) [Fall].

*Prerequisites:* None

Lecture 10 hours. Web-Based Coursework 30 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 Physical Assessment.** (1-2) § [Fall].

*Prerequisites:* None

Lecture 1-2 hours.

K. Duderstadt

Course is designed to enhance and compliment life span content from N270- Advanced Health Assessment. Course focuses on pediatric specialty content.

*Family Health Care Nursing*

**N270.07. Neonatal/Infant Assessment.** (2) § [Fall].

*Prerequisites:* Concurrent enrollment in 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:* N246, N247; N247.01 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. Problems in Family Primary Care.** (1) § [Spring].

*Prerequisites:* N270, N245, N246, N247, N279 or consent of instructor

Lecture 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. Management. 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) § [Fall].

*Prerequisites:* N283A, B, C or consent of instructor

Lecture 2 hours.

R. Rehm

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

*Family Health Care Nursing*

**N273. Occupational and Environmental Health: Policy and Practice.** (1.5-3) [Fall Winter Spring].

*Prerequisites:* None

Seminar

O. Hong

N273 provides a forum for discussion of economic social organization and political factors that impact occupational and environmental health (OEH). The role of OEH nurse in managing an occupational and environmental health service will be explored. Emphasis is on planning, development, and evaluation of occupational health programs through critical analysis of scientific literature and application of organization and administrative concepts as well as legislative and policy forces.

*Community Health Systems*

**N273C. Environment & Health.** (1-2) § [Fall Winter Spring].

*Prerequisites:* None

Lecture 10-20 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:* 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 measures; and discussion of methods to control exposures and injuries.

*Community Health Systems*

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

*Prerequisites:* Consent of instructor

Lecture 2 hours.

O. Hong

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

Lecture 2 hours.

B. Hollinger

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

*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.** (2) § [Winter].

*Prerequisites:* None

Lecture 3 hours.

J. Chen

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.** (3) [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) § [Spring].

*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.** (2) [Summer].

*Prerequisites:* Completion of N281ABC & N282ABC

Lecture 3 hours. Independent study 3 hours.

M. Lynch

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*

**N281E. Complex Cases: Advanced Nurse-Midwifery Management.** (2) § [Winter].

*Prerequisites:* N281B, N282B, N281C, or consent of instructor

Lecture

J. Shaw-Battista

The course explores advanced topics in nurse-midwifery care including complementary therapies, management of chronic illness and obstetric complications and informed consent during pregnancy and childbirth. The class builds on prior courses and emphasizes salutogenesis (health promotion), ethical principles of care, patient and family-centered care, and shared clinical decision-making. Nurse-midwifery assessment and management will be fostered using interactive lectures and case studies.

*Family Health Care Nursing*

**N282A. Management of Antepartum Complications.** (4) § [Winter].

*Prerequisites:* Enrollment in Nurse-Midwifery specialty

Lecture 4 hours.

K. Dau

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) § [Summer].

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

Lecture 4 hours.

C. Belew

Course reviews and analyzes selected complications of pregnancy in the intrapartum period.

*Family Health Care Nursing*

**N282C. Management of Gynecologic Care.** (2) § [Summer].

*Prerequisites:* N281 A, B and N282 A, B. Enrollment in Nurse-Midwifery specialty

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 N415.11, N246, N232.04A or consent of instructor

Seminar 3 hours.

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) § [Winter].

*Prerequisites:* Successful completion of N415.11 Fall Year II; 2. Concurrent enrollment in N415.11 Clinical Residency; 3. Successful completion of N283C; 4. Or permission of the instructor.

Seminar 3 hours.

A. Chen, K. Duderstadt

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

*Family Health Care Nursing*

**N283.05. Transitions in Pediatric Illness: Acute Care Seminar.** (1) [Spring].

*Prerequisites:* N245.04A and N415.11. Concurrent enrollment in N415.13A and N414.13

Seminar 20 hours. Web-Based Coursework 10 hours.

M. Lynch

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.** (2) [Fall].

*Prerequisites:* None

Lecture 3 hours.

M. Lynch

Course addresses organ system function as impacted 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) § [Fall].

*Prerequisites:* Successful completion of N283A, N283B

Lecture 2 hours.

M. Lynch

Course provides a conceptual approach to examine complex acute and chronic pediatric pathophysiologic phenomena observed in varied care-giving 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-Complex Pediatric Pathophysiology

Lecture 2 hours.

M. Lynch, S. Staveski

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) § [Spring].

*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. Lynch, S. Straveski

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 30 hours.

E. Davies

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

*Family Health Care Nursing*

**N283I. Pediatric Acute Care Seminar.** (1) [Fall].

*Prerequisites:* None

Seminar 6 hours.

M. Lynch

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*

**N283J. Managing Transitions in Pediatric Complex Illness.** (2) § [Winter].

*Prerequisites:* N283.05 or approval by FOR

Seminar 60

M. Lynch

Course provides students with the opportunity to develop & enhance clinical management and care coordination skills essential for attending to physiologic, developmental & psychosocial transitions for infants, children & adolescents with complex health conditions. Application will be across the continuum of pediatric health care settings, including end-of-life.

*Family Health Care Nursing*

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

*Prerequisites:* School of Nursing Nurse Practitioner student

B. Newlin

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:* Second-year doctoral student

Field Work 6 hours. Seminar 3 hours.

S. Kools, R. Rehm, J. Shim

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.

*Community Health Systems*

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

*Prerequisites:* N285A and second- year doctoral student

Field Work 6 hours. Seminar 3 hours.

S. Kools

Course compares and contrasts modes of qualitative analysis. Examines issues in establishing plausibility, credibility, and adequacy. Intensive data analysis and examination of the problems of presentation of findings

with focus on questions of authority and preparation of text.

*Community Health Systems*

**N285C. Interpretive Phenomenology.** (2) § [Spring].

*Prerequisites:* Philosophy courses in Phenomenology (may be acquired outside of UCSF and also with the consent of the instructor), and N285A&B (Qualitative Methods I & II)

Seminar 2 hours.

C. Chesla

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.

*Family Health Care Nursing*

**N287A. Health Systems Management.** (3) § [Fall].

*Prerequisites:* None

Lecture 3 hours.

M. Fleming

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. Workforce Management Issues in Health Care.** (3) § [Spring].

*Prerequisites:* None

Lecture 3 hours.

L. Sawyer

Course critically analyzes management and personnel theories relative to employer-employee relations in health organizations. Emphasis is on labor movement, labor legislation and regulation contract negotiations. Conflict resolution and grievance procedures working relationships human capital and development and leadership.

*Community Health Systems*

**N287D. Financial Management.** (3) § [Winter].

*Prerequisites:* None

Web-based course work 9 hours.

M. Fleming

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.** (2) [Spring].

*Prerequisites:* N287D

Lecture 3 hours.

M. Fleming

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

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

*Community Health Systems*

**N288A. Management of Acutely Ill/Injured I.** (3) § [Fall].

*Prerequisites:* Prior or concurrent enrollment in N208A, N208B or consent of instructor  
Seminar 3 hours.

P. Koo

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

*Physiological Nursing*

**N288B. Management of Acutely Ill/Injured II.** (3) § [Fall].

*Prerequisites:* Prior or concurrent enrollment in N208A, N208B; prior enrollment in N288A; consent of instructor

Seminar 3 hours.

P. Koo

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*

**N288D. Clinical Nurse Specialist Seminar.** (1) § [Fall Winter].

*Prerequisites:* Enrollment in the Critical Care/Trauma Specialty or by instructor approval

Seminar 1 hour.

L. Mackin

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. Management of Acute Chronic Illness.** (3) § [Spring].

*Prerequisites:* None

Lecture 30 hours.

R. Garbez

Course is an introduction to selected complex medical disorders commonly encountered in the inpatient and/or outpatient setting. Advanced pathophysiology, physical assessment, pharmacology and management of selected chronic medical problems will be emphasized through case studies which span from the young adult to the frail elderly.

*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:* N209, 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, N289A, B187, B192, consent of instructor

Lecture 3 hours.

O. Hong

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

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

Project 1 hour.

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

*Family Health Care Nursing*

**N292B. Fetal & Neonatal Risk in Pregnancy.** (2) § [Winter].

*Prerequisites:* None

Lecture 2 hours.

A. Carley

Course addresses fetal and neonatal risks associated with complications of pregnancy. Application of research and clinical outcomes of complex pregnancy and fetal conditions and sequela are highlighted.

*Family Health Care Nursing*

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

*Prerequisites:* None

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

B. Aouizerat

Course focuses on the history of genetics, basic human and molecular genetics, 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) § [Spring].

*Prerequisites:* N294A or consent of instructor

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

B. Aouizerat

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*

**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.

G. Dowling

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

*Physiological Nursing*

**N295C. Case Studies in Geriatrics.** (3) § [Spring].

*Prerequisites:* N295A, N295B

Lecture 30 hours.

M. Wallhagen

Case studies of complex illness in older adults across settings are analyzed using evidence and problem based approaches to refine critical decision making in clinical case management and pharmacotherapeutics. The use of biopsychosocial theories in geriatrics and gerontology emphasized.

*Physiological Nursing*

**N295D. Adult-Gero Mental Health Seminar I.** (1) § [Spring].

*Prerequisites:* None

Seminar 30 hours.

L. Mackin, B. Phoenix

Course will provide foundational knowledge across a broad range of cognitive disorders and associated symptoms commonly encountered in adult and older adult populations. Course content and activities will emphasize assessment, differential diagnosis and both pharmacological and non-pharmacological management strategies. Case studies will provide the learner with the opportunity to apply newly acquired knowledge.

*Physiological Nursing*

**N297. Human Responses to Pain.** (2) § [Winter].

*Prerequisites:* None

Lecture 2 hours.

C. Miaskowski

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

*Physiological Nursing*

**N298. Thesis or Comprehensive Examination.** (0) § [Fall Winter Spring Summer].

*Prerequisites:* Advancement to candidacy and permission of the graduate advisor

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

*Interdepartmental*

**N299. Dissertation.** (0) § [Fall Winter Spring Summer].

*Prerequisites:* Advancement to candidacy and permission of the graduate advisor

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

*Interdepartmental*

**N301.04. Skills Lab.** (1) § [Fall Winter Spring].

*Prerequisites:* None

Conference 1 hour. Lab 2 hours.

B. Phoenix

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 3 hours.

P. Bernal de Pheils

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 3-6 hours.

A. Chen, A. Carley

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 3 hours.

A. Carley

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

*Family Health Care Nursing*

**N301.13. Transitions in Pediatric Illness: Acute Skills Application.** (0.5-1) [Spring].

*Prerequisites:* Concurrent enrollment in N415.13A and N283.05 or instructor approval

Lab 15-30 hours.

L. Johnson, M. Lynch

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 3 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

Seminar 3 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 Summer].

*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 implications for clinical decision-making.

*Physiological Nursing*

**N301.27A. Genomics Skills Lab.** (1) § [Fall].

*Prerequisites:* None

Lab 3 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.** (1) [Winter].

*Prerequisites:* None

Lab 1 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*

**N301.28. AGNP Advanced Health Assessment Skills Lab.** (1) § [Fall].

*Prerequisites:* Concurrently taking N270 and N414 Clinical Practicum 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 differentials between normal and abnormal finds.

*Community Health Systems*

**N414.02A. Occupational and Environmental Health Nursing Program.** (0-1) § [Fall].

*Prerequisites:* N273A

Conference 10-20 hours. Field Work 20-100 hours. D. Drew-Nord

This is a combination of structured and self-directed learning that provides students with two opportunities: To gain experience in the daily operations of an on-site OEHN 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. 2) Differentiate between evidence-based changes and performance or regulator.

*Community Health Systems*

**N414.02B. Occupational/Environmental Health Program Planning Residency.** (0-2) § [Winter].

*Prerequisites:* N414.02A

Conference 10-30 hours. Field Work 50-210 hours.

D. Drew-Nord

To apply concepts of program development and management within an organization to meet the needs of the workforce. Goal is to develop implement cost and evaluate an occupation health and safety program tailored to the needs and culture of the organization and its implement cost, and evaluate an occupational health and safety program tailored to the needs and culture of the organization and its employees and within the legal ethical and professional practice framework of occupational health nursing. When applicable the program will be devolved using the PICO/PDSA process. Prosed programs will be based either on practice, business or regulatory requirements..

*Community Health Systems*

**N414.04. Psychiatric-Mental Health Nursing Clinical Practicum.** (1-4) § [Fall Winter Spring Summer].

*Prerequisites:* None

Clin Exp/Pt Contact 3-12 hours. Conference 3-6 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) § [Fall Winter Spring Summer].

*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*

**N414.11. Advanced Practice Pediatric Nursing Clinical Practicum.** (.5-1) § [Fall].

*Prerequisites:* Concurrent registration in N301.11A, N245.04, and N270.04

Clin Exp/Pt Contact 15-30 hours.

A. Chen

Course serves as the introduction to Advanced Practice Pediatric Nursing (APPN) clinical experience. Students will observe and participate in select practicum experiences, under the guidance of their clinical faculty and/or preceptors. The experiences will involve care of newborn through adolescent in inpatient, outpatient, and/or

school-based settings.  
*Family Health Care Nursing*

**N414.12A. Neonatal Practicum in Intermediate Care.** (1-4) § [Fall Winter].

*Prerequisites:* None

Clin Exp/Pt Contact 30-120 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*

**N414.12B. Neonatal Practicum in Transitional Care.** (1-4) [Spring].

*Prerequisites:* None

Clin Exp/Pt Contact 30-120 hours.

M. Lynch

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 3-12 hours.

A. Lyndon

Supervised experience in which students 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 Spring].

*Prerequisites:* None

Clin Exp/Pt Contact 3-12 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) [Fall].

*Prerequisites:* Consent of instructor

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 and women's health practice.

*Family Health Care Nursing*

**N414.15D. Gynecology Clinical Practicum.** (1-4) § [Fall Winter Spring Summer].

*Prerequisites:* Successful completion of N259.01 and N259.04

Clin Exp/Pt Contact 3-12 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 Spring].

*Prerequisites:* Successful completion of N414.15A

Clin Exp/Pt Contact 3-12 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 Nurse-Midwifery Simulation and Intrapartum Clinical.** (1-5) [Winter Spring Summer].

*Prerequisites:* Successful completion of N414.15A or equivalent

Clin Exp/Pt Contact 3-12 hours.

D. Anderson

The course provides intrapartum and postpartum simulation sessions and supervised clinical experiences in which students learn skills of assessment, interventions, and management of advanced topics in maternity and women's health care.

*Family Health Care Nursing*

**N414.15G. Advanced Antepartum Clinical Practicum.** (1.5) [Fall Winter Spring Summer].

*Prerequisites:* N414.15A

Clin Exp 45 hours.

R. Kaplan

Opportunity to apply antepartum theory in advanced clinical practice and to further develop management skills and expertise in guided clinical experience under the supervision of a clinical preceptor.

*Family Health Care Nursing*

**N414.16. Neonatal/Pediatric Clinical Nurse Specialist Clinical Practicum.** (1-4) § [Fall Winter Spring Summer].

*Prerequisites:* None

Clin Exp/Pt Contact 3-6 hours. Conference 3-6 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 Summer].

*Prerequisites:* None

Clin Exp/Pt Contact 3 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 Summer].

*Prerequisites:* Completion of N301.20 and 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:* Completion of N414.20B

Clin Exp/Pt Contact 6 hours.

M. Hawk

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) § [Fall].

*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*

**N414.20E. Emergency Pediatric Advanced Practice Practicum.** (2) § [Winter].

*Prerequisites:* Successful completion of PALS or ENPC prior to beginning the clinical component

Clin Exp/Pt Contact 60 hours.

R. Garbez

Clinical experiences focused on assessment of pediatric patients in the emergency department with emphasis on acquiring knowledge and skills in advanced history and physical examination skills, pathophysiology, pharmacology and therapeutic interventions.

*Physiological Nursing*

**N414.21. Gerontological Nurse Practitioner Clinical Practicum.** (1-4) § [Fall Winter Spring Summer].

*Prerequisites:* Completion of N301.21-Gerontological Nurse Practitioner Skills Lab.

Clin Exp/Pt Contact 3-12 hours.

L. Mackin

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 3-12 hours.

L. Mackin

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

*Physiological Nursing*

**N414.23. Oncology Clinical Practicum.** (1-4) § [Fall Winter Spring Summer].

*Prerequisites:* Completion of N270, N414.23

Clin Exp/Pt Contact 3-12 hours.

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 3-12 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 6 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*

**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. Clinical Practicum (Introduction to CV Diagnostics).** (1-4) § [Fall Winter Spring Summer].

*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 3 hours.

B. Aouizerat

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

*Physiological Nursing*

**N414.27B. Practicum in Family History Taking & Pedigree Analysis.** (1-4) § [Fall].

*Prerequisites:* None

Lab 1 hour.

B. Aouizerat

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

*Physiological Nursing*

**N414.28. AGNP Clinical Practicum.** (1-2) § [Fall Winter].

*Prerequisites:* N301.01

Clin Exp 3-6hours.

This course provides 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*

**N415.01A. Adult Nurse Practitioner Primary Care Residency.** (1-6) § [Spring Summer].

*Prerequisites:* N301.01, N414.01

Clin Exp/Pt Contact 30-180 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.** (1-12) § [Fall Winter Spring Summer].

*Prerequisites:* N301.01, N270, N232, N245, N245.01, N414.01, N246, N246.01, N415.01A

Clin Exp/Pt Contact 3-36 hours.

Course offers opportunities to apply and evaluate theories, concepts, and skills in primary care with the supervision of a physician and/or nurse preceptor. Emphasis is upon development of the nurse practitioner role; clinical practice focuses on health assessment and health maintenance care of the adult who is: primarily well, presenting with self-limiting illness, or in a relatively stable phase of chronic illness or at risk for occupationally related problems.

*Community Health Systems*

**N415.03. Advanced Practice Public Health Nursing Residency.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* Epidemiology 190, N215, N234. Exceptions may be made with instructor approval

Field Work 6-36 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. Clinical Residency in Psychiatric-Mental Health Nursing.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* N257, N227

Clin Exp/Pt Contact 3-36 hours. Conference 6-36 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.** (2-12) § [Fall Winter Spring Summer]

*Prerequisites:* Successful completion of N270 and N301.10

Clin Exp/Pt Contact 3-36 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.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* Successful completion of N301.11

Clin Exp/Pt Contact 6-36 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.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* Successful completion of N301.12 or consent of instructor

Clin Exp/Pt Contact 6-36 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. Pediatric Transitional Care Clinical Residency.** (3) [Spring Summer].

*Prerequisites:* N415.11. Concurrent enrollment in ACPNP Chronic Seminar or permission of the instructor

Clin Exp/Pt Contact 90 hours.

M. Lynch

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 development of a problem list in the child with a chronic condition.

*Family Health Care Nursing*

**N415.13B. Acute Care Pediatric Nursing Practitioner Clinical Residency.** (2-6) [Fall Winter Spring Summer].

*Prerequisites:* N415.13A.

Clin Exp/Pt Contact 12-18 hours.

M. Lynch, S. Staveski

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. 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.** (2-12) § [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 6-36 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. Nurse-Midwifery and Women's Health Clinical Residency.** (2-12) [Fall Winter Spring Summer].

*Prerequisites:* Consent of instructor

Clin Exp/Pt Contact 60-210 hours. Lab 0-150 hours

R. Kaplan

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 practice. Includes application/integration of research, consultation, and clinical leadership as appropriate.

*Family Health Care Nursing*

**N415.16. Neonatal/Pediatrics Clinical Nurse Specialist Clinical Residency.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* Successful completion of N301.12 or consent of instructor

Clin Exp/Pt Contact 6-36 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 9 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. Bravo

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:* 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.** (2-12) § [Winter Spring Summer].

*Prerequisites:* N415.20C

Clin Exp/Pt Contact 6-36 hours.

R. Bravo

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.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* Completion of N301.21, N414.21

Clin Exp/Pt Contact 6-36 hours

L. Mackin

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.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* Completion of N301.21 and N414.21

Clin Exp/Pt Contact 6-36 hours.

L. Mackin

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.** (2-12) § [Fall Winter Spring].

*Prerequisites:* Completion of N414.23

Clin Exp/Pt Contact 6-36 hours.

T. Koettters

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*

**N415.25. Critical Care/Trauma Clinical Residency.** (4-12) § [Fall Winter Spring Summer].

*Prerequisites:* None

Clin Exp/Pt Contact 12-36 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.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* N216A

Clin Exp/Pt Contact 6-36 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*

**N415.28A. Adult Gerontology Nurse Practitioner Residency.** (1-3) [Spring Summer].

*Prerequisites:* Must be concurrently enrolled N245B and N246 or with consent of instructor.

Clin Exp 30-90

B. Burgel, G. Collins-Bride, S. Janson, L. Mackin, J. Saxe, S. Stringari-Murray, B. Newlin, D. Drew-Nord  
Course provides clinical residency experience supervised by an NP or MD with an Adult Gerontology population. Students will refine history and physical examination skills, oral presentations and develop differential diagnoses and a plan of care for patients presenting with problem specific symptoms and/or health related issues.

*Community Health Systems*

**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*

**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:* Concurrent enrollment in N404.02

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 hours.

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

*Interdepartmental*

**N470. Administration Residency.** (2-12) § [Fall Winter Spring Summer].

*Prerequisites:* Completion of N287A, B, & D, each with a grade of B or higher and consent of instructor

Lab 6-30 hours.

L. Sawyer

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. Web-based course work 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. 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) § [Spring].

*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 1 hour. Seminar 2 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.

S. Anderson

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 3 hours. Seminar 9 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

Seminar 9 hours. Project 3 hours.

H. Pinderhughes

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.

S. Anderson

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.** (2-3) § [Spring].

*Prerequisites:* S262 or S225 or Biomedical Informatics 200 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:* Doctoral students' only

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 and must be a doctoral student

Lecture 2 hours. Library 9 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 Interactionism.** (5) § [Winter Spring].

*Prerequisites:* S212A and B or permission of the instructor.

Lecture 2 hours. Library 9 hours.

A. Clarke

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

*Social & Behavioral Sciences*

**S219. Social Policy in Aging.** (2-3) § [Spring].

*Prerequisites:* None

Lecture 2 hours. Lab 0-6 hours. Project 0-3 hours.

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 Summer].

*Prerequisites:* Completion of preliminary examinations.

Lab 3-24 hours.

Course will offer preparation for the specialty area qualifying examination.

*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

Lecture 20 hours Seminar 20 hours.

M. Wang, S. Chapman

Develops 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, and economic perspectives. Perspectives are considered in the context of studies of health care organizations including: hospitals, HMOs, mental health agencies, nursing homes, biotech firms, and academic health centers.

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**S227. Advanced 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*

**S233. Sociology of Aging.** (2-3) § [Spring].

*Prerequisites:* None

Lecture 2 hours. Project 0-3 hours.

B. Hollister

Course examines the sociology of aging including a review of theoretical perspectives, current, and historical trends in aging, factors related to aging process, 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.

E. Smith

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

*Social & Behavioral Sciences*

**S236. Race/Class Factors in Health Care Delivery.** (3) § [Fall].

*Prerequisites:* Consent of instructor.

Lab 3 hours. Lecture 2 hours.

H. Pinderhughes, J. Shim

Course examines racial and class membership impact on access to health care services, variations in the quality of those services, how professional and sub professional 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*

**S245. Gender, Race & Coloniality & 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 1 hour. Seminar 6 hour. Project 3 hours.

S. Chapman

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. Individual Independent Study.** (1-8) § [Fall Winter Spring].

*Prerequisites:* Consent of instructor

Project 3-24 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.

S. Dworkin

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.

S. Kaufman

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*

**S282. Sociology of Science/Technology.** (2-4) § [Winter Spring].

*Prerequisites:* None

Lab 0-6 hours. Seminar 2 hours.

A. Clarke

Offered in alternate years. Course examines early functionalist & Marxist theories, Kuhn's work, social constructionist, ethno-methodological, interactions, 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:* Second-year doctoral students

Field Work 6 hours. Seminar 3 hours.

H. Pinderhughes, S. Kools

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/S285A and second-year doctoral students

Field Work 6 hours. Seminar 3 hours.

H. Pinderhughes, R. Rehm, J. Shim

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

*Social & Behavioral Sciences*

**S286. Gender, Sex & Health.** (2-4) § [Spring].

*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.** (4) [Fall].

*Prerequisites:* B187 & N209 & N212 or equivalent

Lecture 5 hours.

Z. Simmer

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.  
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**S289B. Advanced Quantitative Research Methods II.** (5) § [Winter].

*Prerequisites:* N287A and Doctoral Students Only or equivalent

Lecture 5 hours.

Z. Zimmer, S. Dworkin

The second course in a two-quarter series provides a practical understanding of the statistical procedures including logistic regression, repeated measures, survival analysis, latent variables & 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.

*Social & Behavioral Sciences*

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

*Prerequisites:* Advancement to candidacy & permission of the graduate advisor

Lecture 0 hours.

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

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