



School of

nursing

2000-2001



University of California
San Francisco

UCSF

School of Nursing

COURSES

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

NURSING

101. Preview of Research. (2) F. Prerequisites: Consent of instructor. Restriction: Enrollment to be determined by availability of practicum experience. Lecture 2 hours. K. Lee
Course will review the basis of nursing research with special emphasis on terminology. The course has been developed to prepare each student for the advanced research courses in the School of Nursing. FAM HTLH

140. Integrated Sciences. (2) Su. Prerequisites: Enrollment in the Master's Entry Program in Nursing (MEPN). Lecture 2-hours. E. Cook, L. Day
Course includes a study of chemistry and microbiology theories applicable to nursing. Focus is on the principles which serve as a basis for nursing practice. FAM HTLH

141. Pharmacology and Nursing Care. (3) Su. Lecture 3 hours. M. Scott
This introductory course examines the principles of pharmacokinetics and pharmacodynamics for major drug classes. Assessment and management of the therapeutic and toxic effects of pharmacologic interventions are emphasized. PHYSIOL NURS

142. Introduction to Nursing. (11) Su. Lecture 3 hours. Patient contact 24 hours. E. Cook, M. Scott
Course explores the concepts of health and illness and role of the professional nurse. Focuses on using the nursing process in care of persons across the adaptation and developmental continua. Concurrent laboratory designed to develop skills and knowledge common to the nursing care of adults. FAM HLTH

143. Effective Communication. (3) F,W. Lecture 3 hours. K. Shook, E. Madrid
Course reviews selected theories of human interaction and presents principles and techniques of effective communication as they relate to establishing and maintaining a helping relationship. Students use laboratory experience to develop skills in communication and interaction. COMM HLTH SYST

144. Adult Medical-Surgical/Geriatric Nursing. (13.5) F,W. Prerequisites: Enrollment in the Master's Entry Program in Nursing (MEPN) and successful completion of N140, N141, N142, N145. Lecture 4 hours. Clinic 26x11 weeks. M. Scott, L. Day

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

145. Pathophysiology. (4) Su. Prerequisites: N141, N142. Lecture 4 hours. L. Day

Course provides understanding of disease and its treatment as the basis for nursing assessment and intervention. Major disease entities will be explored, utilizing a conceptual organization of the content. PHYSIOL NURS

146. Parent-Child Nursing. (7.5). W, Sp. Prerequisites: N140, N141, N142, N144, N145. Lecture 4 hours. Patient contact 10.5 hours. E. Cook, B. Doner

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

147. Childbearing Families. (7.5) F,Sp. Prerequisites: N140, N141, N142, N145. Lecture 4 hours. Patient contact 10.5 hours. P. Abercrombie, J. Schupay

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

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

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

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

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

150. Community Health Nursing. (8.5) F,Sp. Prerequisites: Enrollment in Master's Entry Program in Nursing (MEPN), N140, N141, N142, N145. Lecture 3 hours. Clinic 16.5 hours. E. Madrid

Course focuses on applying the nursing process to community health nursing practice in community settings. Concepts and research from

nursing, family, and community health will be explored. Nursing care of vulnerable groups in the community will be emphasized. COMM HLTH SYST

151. Issues in Nursing. (3) Sp. Prerequisites: Enrollment in Master's Entry Program in Nursing (MEPN), N142, N144. Lecture 3 hours. P. Abercrombie, J. Schupay

Course explores major issues and trends in contemporary nursing and health care delivery as they relate to nursing practice, education, and research. Course identifies strategies nurses can use to influence issues affecting nursing practice and health care delivery. FAM HLTH

181. Law and the Practice of Nursing. (2) § Sp. Lecture 2 hours. D. Tennenhouse

Survey of fundamental and critical current issues in law with respect to the theory and practice of nursing. Emphasis on legal contingencies encountered in the everyday practice of nursing in both hospital and community settings. PHYSIOL NURS

187. Scientific Writing. (1) § F, W, Sp. Prerequisites: Consent of instructor. Lecture 1 hour. Enrollment limited. J. Grout

Course reviews bibliographic search methodology, the style of scientific writing, American Psychological Association (APA) editorial format, and composition of the introductory paragraph. PHYSIOL NURS

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

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

198. Supervised Study in Nursing. (1-5) SS1, SS2, F, W, Sp. Prerequisites: Consent of instructor. Lab 3-15 hours. Staff

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

199. Laboratory Project in Nursing. (1-5) SS1, SS2, F, W, Sp. Prerequisites: Consent of instructor. Lab 3-15 hours. Staff

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

201. Curriculum & Program Development. (3) § Sp. Prerequisites: None. Lecture 3 hours. N. Stotts

Course reviews educational principles, theory, conceptual frameworks and pragmatic strategies for nursing curriculum/educational program development. Students analyze, critique, and develop curricula and programs for schools of nursing/health delivery systems including continuing education, staff development, and patient teaching programs. COMM HLTH SYST

202A. Theory Development in Nursing. (3) § W. Prerequisites: Doctoral standing or consent of instructor. Lecture 1 hour. Seminar 2 hours.

A. Meleis

Critical analyses of contemporary strategies for the development of nursing theory building, particularly as they relate to selected nursing

phenomena and an in-depth analysis of selected theoretical schools of thought. COMM HLTH SYST

202B. Behavior Theories for Nursing Research. (2) § Sp. Prerequisites: N202A or N264 or consent of instructor. Seminar 2 hours.

J. Faucett, N. Facione

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

202C. Theories & Conceptual Frameworks. (3-4) § Sp. Prerequisites: Doctoral standing. Lecture 3 hours. A. Meleis

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

203. Consultation Theory & Process. (2-3) § W, Sp. Lecture 2 hours.

Lab 0-3 hours. D. Oda

Course provides a study of theories and concepts of consultation as a facilitating process relevant to nurses working in primary, secondary, and tertiary prevention services. Emphasis will be on consultation strategies. Optional laboratory for theory testing. COMM HLTH SYST

204. Contraception & Family Planning. (1) § F,W,Sp. Prerequisites:

None. Self-paced module. L. Lommel

Course is a self-paced module that provides specialty content in the areas of contraception and family planning for the advanced nursing student. FAM HLTH

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

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

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

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

206B. Environmental Issues in Psychiatric Rehabilitation. (3) § Sp.

Prerequisites: None. Lecture 2 hours. Lab 3 hours. L. Chafetz

Course provides an overview of rehabilitative, residential, and interpersonal environments for the chronically or severely mentally ill. It considers properties of mental health programs, housing, and personal networks which appear to promote rehabilitation goals and overall quality of life. COMM HLTH SYST

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

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

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

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

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

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

209. Comparative Research Designs. (3) § F. Prerequisites: Doctoral standing or by consent of instructor. Lecture 3 hours. W. Holzemer

Course critically analyzes the elements of qualitative and quantitative research designs set within the context of the research question to be asked and the existing knowledge in the area. COMM HLTH SYST

210A. Introduction to Health Care Informatics. (3) § F. Lecture 3 hours. S. Henry

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

210B. Decision Support Systems. (3) § W. Prerequisites: N210A (Introduction to Health Care Informatics). Lecture 3 hours. S. Henry

Introduction and overview of decision making and decision support systems in health care, including theoretical approaches, model-based decision support (decision analysis and multiple criteria models), and knowledge-based support systems. COMM HLTH SYST

212. Data Collection and Measurement. (5) § W. Prerequisites: N209. Lecture 5 hours. D. Taylor, R. Slaughter, P. Benner, J. Lipson

Course critically evaluates concepts underlying the auditability, validity, reliability, and appropriateness of data collection methods, their construction and use in qualitative and quantitative research. Explores relationships between qualitative and quantitative strategies for instrument development, data collection, analysis and interpretation. INTERDEPT

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

Course addresses the theoretical and scientifically based clinical perspectives essential to managing common problems of the person with

cancer and HIV/AIDS related malignancies. This includes nursing interventions, self-care, and ambulatory/home measures across the illness continuum of these disease states. PHYSIOL NURS

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

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

213C. Innovations in Cancer. (2) § Sp. Prerequisites: None. Seminar 2 hours. C. Miaskowski

Course reviews the theoretical rationale for diagnostic and therapeutic innovations of cancer and HIV/AIDS. Research findings will be analyzed in terms of their implications for nursing practice and patient care. PHYSIOL NURS

214A. Community-Based Long-Term Care. (1-2) § W. Prerequisites: S222 (taken prior to or concurrent with course). Seminar 1 hour. Optional field work 3 hours. L. Reif

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

214B. Institutional Care of the Aged. (2-3) § W. Prerequisites: None. Seminar 2 hours. Optional field work 3 hours. J. Kayser-Jones

Course uses a theoretical, historical, and cross-cultural approach to focus on issues, problems, and trends in institutional care of the elderly. Research studies will be discussed and analyzed, and the health professionals' role in providing care will be explored. PHYSIOL NURS

215A. Community/Health Sys Assessment. (3) § F. Prerequisites: Consent of instructor. Lecture 3 hours. J. Lipson

Course emphasizes concepts and skills in the assessment of population aggregates and the health systems that serve communities. COMM HLTH SYST

215B. Community/Health Sys Interventions. (3) § F. Lecture 3 hours. C. Portillo

Course includes analysis of theory and research-based interventions appropriate for identified health risks and available resources for clients, communities, environments, and health systems. Application issues will be explored. COMM HLTH SYST

216A. Cardiovascular Disease I. (3) § F. Prerequisites: None. Seminar 3 hours. E. Froelicher

Course correlates pathophysiology, clinical diagnosis, and current management of cardiovascular disorders across the illness continuum and across settings. Content areas include: cardiac diagnostics, hypertension, hyperlipidemia, atherosclerosis, and myocardial ischemia. PHYSIOL NURS

216B. Cardiovascular Disease II. (3) § W. Prerequisites: N216A or consent of instructor. Seminar 3 hours. M. Engler

Course correlates pathophysiology, clinical diagnosis, and current management of cardiovascular disorders across the illness continuum and across settings. Content areas include: revascularization procedures, valvular heart disease, cardiomyopathy, and heart failure.

PHYSIOL NURS

217. Nurse-Midwifery Literature Critique. (2) § W. Prerequisites: Enrollment in Nurse-Midwifery Specialty. Seminar 2 hours. Library Research 4 hours. L. Ennis

Course critiques research addressing the childbearing family and its relation to Nurse-Midwifery practice. Research addressing contemporary Nurse-Midwifery practice will be analyzed. FAM HLTH

218A. Alcohol/Tobacco/Drug Dependency. (3) § Sp. Prerequisites: Consent of instructor; Restrictions: Preference will be given to students who are participants in the Alcohol, Tobacco and Other Drugs (ATOD) Subspecialty. Lecture 3 hours. F. Quiaoit

Course explores theoretical perspectives, consequences and pathophysiology of alcoholism and tobacco and other drug dependencies. Advanced practice nursing roles, responsibilities, principles of assessment, intervention, treatment and legal issues will be examined as they relate to persons with ATOD problems. FAM HLTH

218B. Alcohol/Drugs/Health Policy Issues. (1) § Sp. Prerequisites: Consent of instructor; completion of N218A. Restrictions: Preference will be given to students who are participants in the Alcohol, Tobacco and Other Drugs (ATOD) Subspecialty. Lecture 1 hour. F. Quiaoit

Course will examine issues and policy questions regarding health care and the treatment of ATOD problems in the United States. Issues to be analyzed include interdiction, prevention, treatment, ATOD economic policy, toxicology testing, mandatory vs. voluntary treatment. FAM HLTH

218C. ATOD Issues: Perinatal Period Through Infancy. (2) § F. Prerequisites: Consent of instructor, must have completed N218A & N218B. Restrictions: Class size limited to 15 with preference given to students who are participants in the Alcohol, Tobacco and Other Drugs Advanced Practice Nursing (ATOD APN) subspecialty. Lecture 2 hours. F. Quiaoit

Course examines assessment, intervention and treatment for pregnant and parenting ATOD dependent women and their substance exposed infant. The focus will be on creating a therapeutic alliance, roles and responsibilities for APNs, and biopsychosocial impact of ATOD on pregnancy and the parenting relationship. FAM HLTH

218D. ATOD Issues: Pediatrics Through Adolescence. (2) § W. Prerequisites: Consent of instructor, must have completed N218A, N218B & N218C. Restrictions: Class size limited to 15 with preference given to students who are participants in the Alcohol, Tobacco and Other Drugs Advanced Practice Nursing (ATOD APN) subspecialty. Lecture 2 hours. F. Quiaoit

Course examines pathophysiology and clinical management of children and adolescents affected by ATOD. Topics include: Dual diagnosis, developmental delays, prevention, treatment, recovery and familial issues. Emphasis is on the role/responsibilities of the advanced practice nurse. FAM HLTH

219. Psychiatric Assessment. (2-3) § W. Lecture 2 hours. Lab 3 hours (optional). B. Kasten

Course uses clinical material in the critical examination of standard psychiatric diagnoses. Emphasis will be on the utility of assessment tools such as the mental status examination and the psychiatric history across diverse clinical specialties and the life span. COMM HLTH SYST

220.01. Adv Sem in Nursing Research. (3) § F, W, Sp. Prerequisites: Successful completion of the qualifying examination and/or consent of instructor. Seminar 3 hours. Staff

This seminar guides doctoral students in the design and conduct of research in specialty areas in cross-cultural and international nursing and mental health and community nursing. COMM HLTH SYST

221. Theory in Advanced Practice Nursing. (2) § W. Prerequisites: None. Lecture 2 hours. N. Facione

Course provides an introduction to critical thinking about the discipline of nursing. Comparative analyses of frameworks to critique competing theoretical approaches to nursing practice are presented. Methods for the development, testing, and implementation of practice theories are discussed. PHYSIOL NURS

223A. Symptom Research Proseminar. (2) § F. Prerequisites: Symptom Management Trainee. Seminar 2 hours. S. Janson, M. Savedra
Course focuses on theories and research related to symptom perception and evaluation. INTERDEPART

223B. Symptom Research Proseminar. (2) § W. Prerequisites: Symptom Management Trainee. Lecture 2 hours. M. Dodd, D. Taylor
Course focuses on theories and research pertinent to symptom management strategies and therapeutics. Research on salient interventions are critiqued across symptoms and research design, methods, implementation and analysis. INTERDEPART

223C. Symptom Research Proseminar. (2) § Sp. Prerequisites: Symptom Management Trainee. Lecture 2 hours. J. Faucett, V. Carrieri-Kohlman

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

224. Neonatal/Ped Ethical Issues. (2) § W. Prerequisites: None. Lecture 2 hours. L. Franck

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

225. Cardiac Rhythm: Theory & Analysis. (2) § W. Prerequisites: Consent of instructor. Lecture 2 hours. B. Drew

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

226. Managed Care: Clinical Implications. (1) § W. Prerequisites: Concurrent enrollment in S222 (Health Care Economics & Policy). Seminar 1 hour. N. Stotts

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

227A. Theories of Major Psych Conditions. (4) § F, W. Prerequisites: Consent of instructor. Seminar 4 hours. L. Chafetz

Course reviews major psychiatric conditions, outlined by the DSM-III-R, explores sociocultural, psychological, and biological theories as dimensions in understanding the etiology, onset, course, treatment, nursing care, and outcome of selected conditions. COMM HLTH SYST

227B. Theories of Major Psych Conditions. (4) § Sp. Prerequisites: Consent of instructor (N227A). Seminar 4 hours. S. Weiss

Course reviews major psychiatric conditions, outlined by the DSM-III-R, explores sociocultural, psychological, and biological theories as dimensions in understanding the etiology, onset, course, treatment, nursing care, and outcome of selected conditions. COMM HLTH SYST

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

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

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

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

230. Measuring Outcomes of Health Care. (3) § Sp. Prerequisites: None. Lecture 3 hours. J. Seago

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

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

Examines causes and consequences of substance use disorders

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

232. Clinical Pharmacology. (1-2). § Sp. Prerequisites: Consent of instructor. Lecture 1-2 hours. S. Echaves

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

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

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

232.04. Neonatal/Pediatric Pharmacology. (2) § Sp. Prerequisites: None. Lecture 2 hours. M. Hubbard

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

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

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

233A. AIDS Overview and Prev Strategies. (3) § F. Prerequisites: None. Lecture 3 hours. H. Miramontes

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

233B. Pathophysiology of HIV/AIDS. (3) § W. Prerequisites: None. Lecture 3 hours. M. Dodd, A. Hughes

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

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

Course explores history, function, and models of hospice care. Sup-

portive physical/psychosocial nursing interventions to promote symptom control and family coping during end-stage of life are covered with emphasis on AIDS. Research, legal, ethical issues and nursing implications are discussed. FAM HLTH

234. Program Development and Management. (3) § W. Prerequisites: None. Lecture 3 hours. C. Waters

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

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

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

235B. Child Mental Health Counseling II. (2) § W. Prerequisites: N235A. Seminar 2 hours. S. Weiss

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

236A. Complementary Healing. (2) § F. Prerequisites: None. Lecture 2 hours. D. Guyot

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

236B. Exploring Indigenous Healing. (2) § W. Prerequisites: None. Lecture 2 hours. D. Guyot

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

236C. Research in Complementary Healing. (2) § Sp. Prerequisites: Successful completion of N236A and N262A. Lecture 2 hours. S. Janson

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

236E. Integrated Primary Care. (2) § Sp. Prerequisites: N236AC. Lecture 2 hours. D. Guyot

Course provides an in-depth exploration of complementary modalities most commonly utilized by individuals seen in primary care and builds upon the conceptual/theoretical foundation and the research issues in this field that were presented in earlier courses. COMM HLTH SYST

237. Health Assessment through Life. (3-4) § F, Sp. Prerequisites: Department of Family Health Care Nursing students. Approval by F.O.R.

Concurrent practicum required. Lecture 2-3 hours. Lab 3 hours. L. Ennis

Course presents theoretical principles of health assessment throughout the life cycle. Areas to be covered include methodologies of data gathering and data analysis essential to comprehensive health assessment of all groups. Laboratory experience provides application and integration of theory. FAM HLTH

238A. Infant & Child Development. (2) § W. Prerequisites: None. Lecture 2 hours. C. Kennedy

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

238B. Adolescent Development. (2) § W. Lecture 2 hours. S. Kools
Course explores relevant theory, literature, and research findings dealing with normal development during the adolescent period. FAM HLTH

239A. Nutrition in Acute Care Patients. (2) § F,W, Sp. Prerequisites: Enrollment in Acute Care Nurse Practitioner program or consent of instructor. Independent module/guided study. N. Stotts

Course focuses on examination of nutritional issues in acute care nursing practice. Guided study addresses biochemical bases of nutrition, nutritional needs of selected patient populations, and selected therapeutic approaches to nutritional management. PHYSIOL NURS

239B. Health Promotion in Acute Care. (2) § W. Prerequisites: Enrollment in Acute Care Nurse Practitioner program or consent of instructor. Seminar 2 hours. K. Garay

Course provides specialty content necessary for acute care nurse practitioners to institute health promotion and health care maintenance activities in acute care. Analyze strategies that can be used to prevent further disease and promote health in hospitalized patients. PHYSIOL NURS

240A. Family Primary Care I. (5) § Sp. Prerequisites: Enrollment in Family Nurse Practitioner Program and N237. Lecture 5 hours. Staff
Theories, concepts and knowledge for comprehensive assessment and management of common health and illness conditions throughout the life cycle will be presented. Emphasis will be on primary care of the family unit. FAM HLTH

240B. Family Primary Care II. (4-5) § F. Prerequisites: N240A. Lecture 4-5 hours. Staff

Course presents theories, concepts, and knowledge for comprehensive assessment and management of selected episodic, stable chronic illness, and related health conditions throughout the life cycle. Emphasis will be on primary care of the family unit. FAM HLTH

240C. Family Primary Care III. (4-5) § Sp. Prerequisites: N240AB. Lecture 4-5 hours. S. Pickwell

Course presents theories, concepts, and knowledge for comprehensive assessment and management of special problems in family primary care. Emphasis will be on care of the family unit. FAM HLTH

241. Dimensions of Advanced Practice Nursing. (2) § F. Prerequisites: None. Lecture 2 hours. N. Stotts

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

241X. Issues in Nurse Midwifery Practice. (3) § Su. Prerequisites: Enrollment in the midwifery program at UCSF/School of Nursing. Seminar 3 hours. L. Ennis

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

242. Occupational Health Research Seminar. (1-5) § F,W,Sp. Prerequisites: Enrollment in doctoral program in nursing or consent of instructor. Seminar 1 hour; Field work 0-12 hours. J. Faucett, M. Gillen

Seminar focuses on design and practical implementation of research on work-related factors and health. Procedural, ethical, and policy issues related to occupational health research will be discussed. Students and faculty will bring examples from their research for discussion and problem-solving. COMM HLTH SYST

243.01. Family Therapies. (3) § F, W, Sp. Lecture 3 hours. S. Weiss

Course offers a critical examination of theories guiding therapeutic work to enhance family mental health. Diverse theoretical perspectives for assessment and intervention with troubled families will be analyzed, including structural, strategic, and communication frameworks as well as psychoeducation. COMM HLTH SYST

243.02. Trends in Group Psychother Modalities. (2) § W, Sp. Prerequisites: Psychiatric/Mental Health students or consent of instructor.

Seminar 2 hours. S. Weiss

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

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

Lecture 2 hours. G. Collins-Bride, A. Wright

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

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

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

245.02. Seminar: Family/Women's Primary Care. (1) § W. Prerequisites: N270, N245, or concurrent enrollment in N245, or consent of instructor. Seminar 1 hour. B. Hollinger, P. Bernal de Pheils

Seminar is taken concurrently with N245 to analyze and incorporate interventions in health protection and promotion particular to women and families. Application from N245 will be made using case presentations and other relevant learning strategies. FAM HLTH

245.03. Seminar in Gerontological Primary Care. (1) § W. Prerequisites: Concurrent course N245. Seminar 1 hour. L. Mackin

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

245.04. Pediatric Health Promotion and Protection. (2) § F. Prerequisites: N270, N245, or concurrent enrollment in N245, or consent of instructor. Lecture 2 hours. M. Hubbard

Course provides exploration of theories, concepts and knowledge for comprehensive child health supervision, encompassing prevention and health promotion. Emphasis placed upon parents as participants in assessment, decision making, and management of common health problems and normal developmental stresses in infancy, childhood, and adolescence. FAM HLTH

245.06. Seminar in Home Care. (1) § W. Prerequisites: Concurrently with N245. Seminar 1 hour. C. Portillo

Seminar is taken concurrently with N245 and provides the specialty content necessary for health promotion in home care. Application from N245 lectures will be made to the specialty area through reading and discussion. COMM HLTH SYST

246. Symptom Assessment & Management. (3) § Sp. Prerequisites: N270, N245. Lecture 3 hours. E. Scarr

Course introduces students to signs and symptoms of illness across the life span that are commonly encountered in ambulatory care. Symptoms and signs will be analyzed using a clinical decision-making model. FAM HLTH

246.01. Seminar in Adult Primary Care. (1) § Sp. Prerequisites:

Completion of N270 and accompanying skills lab, N245 and related practicum. Seminar 1 hour. Staff

Seminar is taken concurrently with N246 and provides the specialty content necessary for adult primary care nurse practitioners in the areas of Adult, Adult Psychiatric and Occupational Health. Application from N246 lectures will be made to the specialty area using case presentations and other relevant learning strategies. COMM HLTH SYST

246.02. Seminar: Family/Women's Primary Care. (1) § Sp. Prerequisites: N270, N245, N245.02, and concurrent enrollment in N245, or consent of instructor. Seminar 1 hour. S. Faust

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

246.03. Seminar in Gerontological Primary Care. (1) § Sp. Seminar 1 hour. L. Mackin

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

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

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

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

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

247. Complex Health Problems and Management. (3) § F. Prerequisites: N270, N245, N246, and enrollment in Family Nurse Practitioner, Adult Nurse Practitioner or Geriatric Nurse Practitioner Program, or consent of instructor. Lecture 3 hours. L. Capaladini

Course introduces the more complex health problems encountered in primary care. Client's clinical presentation, underlying causes and appropriate treatment are discussed. Separate specialty track seminars permit elaboration of problems as they occur in the specialty. COMM HLTH SYST

247.01. Seminar in Adult Primary Care. (1) § W, Su. Seminar 1 hour. J. Saxe

Seminar is taken concurrently with N247 and provides the specialty content necessary for adult primary care nurse practitioners. Application from N247 lectures will be made to the specialty area using case presentations and other relevant learning strategies. COMM HLTH SYST

247.02A. Seminar: Family Primary Care. (2) § F. Prerequisites: N270, N245, N245.02, N246, N246.02, concurrent enrollment in N247, or consent of instructor. Seminar 2 hours. Staff

Seminar is taken concurrently with N247 and provides specialty content necessary for family primary care nurse practitioners. Application from N247 lectures will be made to the specialty areas using case presentations and other relevant learning strategies. FAM HLTH

247.02B. Seminar: Advanced Family Primary Care. (2) § Sp. Prerequisites: N270, N245, N245.02, N246, N246.02, N247, N247.02A, N279, N271.02 or consent of instructor. Seminar 2 hours. Staff

Advanced specialty seminar to extend knowledge of the varied scope of problems in family primary care. Advanced skill training in case presentation and management that represents integration of prior theoretical and clinical course work. FAM HLTH

247.03. Seminar in Gerontological Primary Care. (1) § F. Seminar 1 hour. C. Deitrich

Seminar is taken concurrently with N247 and provides the specialty content necessary for gerontological primary care nurse practitioners. Application from N247 lectures will be made to the specialty area using case presentations and other relevant learning strategies. PHYSIOL NURS

248. Group Independent Study. (1-6) § F, W, Sp. Prerequisites: Consent of instructor. Lecture 1-6 hours. Staff

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

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

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

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

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

251. Advances in Vascular Nursing. (3) § SS1, SS2, Su, F, W, Sp. Prerequisites: Consent of instructor. Learning modules 10 hours. C. Hubner

Course examines the theoretical basis of prevention, intervention, adaptation, and rehabilitation in peripheral vascular insufficiency utilizing relevant research. Computer simulations facilitate synthesis and application of content. PHYSIOL NURS

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

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

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

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

253. Problems in Health Policy. (2) § F. Prerequisites: None. Lecture 2 hours. R. Malone

Course focuses on developing students' skills in analyzing how health policy problems are defined, maintained and changed and understanding how differing problem definitions of the same circumstances call for different policy strategies as solutions. PHYSIOL NURS

254. Fetal-Newborn Development. (2) § F. Lecture 2 hours. M. Lynch
Course is a study of body system development during embryonic, fetal,

and postnatal growth. Emphasis is on normal anatomical and physiologic development, critical periods of developmental alterations, and transitions for extra-uterine adaptation. Implications for nursing practice are explored. FAM HLTH

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

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

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

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

254.03. Neonatal/Infant Physio/Patho. (3) § F. Prerequisites: None. Lecture 3 hours. M. Lynch

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

255A. DX/RX of Acutely Ill/Injured I. (2) § F. Prerequisites: N208AB, Acute Care Nurse Practitioner Student or consent of instructor. Lecture 2 hours. J. Howie, V. Carrieri-Kohlman

Course focuses on diagnostic criteria and treatment of acute illness and injuries affecting body systems such as the cardiac, pulmonary and central nervous systems. PHYSIOL NURS

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

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

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

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

257. Assessment/Management of Common Psychiatric Symptoms. (2) § F, W, Sp. Prerequisites: None. Lecture 2 hours. L. Chafetz

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

257.01. Assessment/Management of Child Psychiatric Symptoms.

(2) § F. Prerequisites: None. Seminar 2 hours. S. Kools, C. Kennedy
Course introduces students to common child/adolescent mental health symptom presentations/related conditions encountered by advanced practice pediatric nurses in primary care/specialty settings. Clinical presentation/underlying causes/appropriate management is discussed across the span of childhood along with impacts of parental mental illness. FAM HLTH

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

Project 3 hours. K. Lee

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

258C. Family/Childbearing Theory. (3) § Sp. Prerequisites: N 258A

and N258B. Seminar 3 hours. V. Lops

Clinical seminar addresses psychosocial and pathophysiologic issues of pregnancy, childbirth, parenting, and family/marital relationships during childbearing; focus on self-care practices for family; emphasis on midwife as facilitator of adaptation. FAM HLTH

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

Bernal de Pheils

Course provides exploration of theories, concepts, and knowledge necessary to maintain and promote women's health. Emphasis is on application of current research regarding decision making and management of pregnancy, the interconceptional and perimenopausal periods, and collaboration with health team members. FAM HLTH

259.02. Women's Health: Special Problems. (2) § W. Prerequisites:

None. Lecture 2 hours. P. Bernal de Pheils

Theory and management of biopsychosocial and cultural components of women's health and illness conditions across the lifespan. Emphasis is placed on critical analysis of research and clinical management strategies applied to complex women's health and illness conditions. FAM HLTH

259.03. Advanced Women's Health Seminar. (2) § Sp. Prerequisites:

Consent of instructor. Lecture 2 hours. P. Bernal de Pheils

Course explores theoretical and management aspects of selected phenomena in women's health applicable to the nurse practitioner role.

FAM HLTH

260A. Cultural Concepts in Health. (2) § F. Lecture 2 hours.

J. Lipson

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

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

Course will focus on sociocultural factors such as race, ethnicity, gender, and class that impact children's health and family well-being. Implications for advanced practice nursing and health policy for children and families will be considered. FAM HLTH

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

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

260D. Latino Health and Culture. (2) § F. Prerequisites: Consent of instructor. Restrictions: Enrollment to be determined by availability of practicum experience. Seminar 2 hours. P. Bernal de Pheils, P. Jackson Seminar analyzes issues regarding the Latino culture, its inter-relationship to health, illness and immigrant status in preparation for experiencing nursing care in a Latin American country, and gaining understanding of the culture, health care issues, and health care delivery. FAM HLTH

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

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

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

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

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

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

262.01. Research Utilization. (2) § Sp. Prerequisites: N262A. Lecture 2 hours. L. Reif

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

262.02. Family/Women's Research Utilization. (2) § Sp. Prerequisites: N262A. Seminar 2 hours. T. Juarbe

Course focuses on the development of critical thinking skills related to utilization and evaluation of research findings in the area of family/

women's health. The scientific and practical merit of published research reports is evaluated for potential utilization in clinical practice. FAM HLTH

262.03. Pediatric/Family Research Utilization. (2) § F. Prerequisites:

N262A. Seminar 2 hours. A. Alkon

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

263. Advanced Methods: Meta-Analysis. (2) § F. Prerequisites:

Completion of first year of doctoral program. Lecture 2 hours. K. Lee

Course will familiarize students with meta-analysis techniques for conducting integrative research review on a phenomenon of interest. Content includes an overview of meta-analysis techniques, issues and controversies, steps in conducting a meta-analysis, including effect sizes, and inter-rater reliability. FAM HLTH

264. Foundations of Nursing Knowledge. (3) § F. Prerequisites: Doc-

toral student or consent of instructor. Seminar 3 hours. A. Meleis

Course analyzes historical trends in theoretical nursing in the U.S. and in selected other countries, and a critique of the dominant epistemological approaches that influenced the development and testing of theoretical knowledge in nursing. COMM HLTH SYST

265. Cancer Prevention/Early Detection. (2) § W. Prerequisites: None.

Seminar 2 hours. N. Facione

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

267. Ethical Issues in Nursing Practice. (3) § W. Prerequisites: None.

Seminar 3 hours. P. Benner

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

268. Psychiatric Liaison Nursing. (2) § F, W, Sp. Prerequisites: N211A and enrollment in the child or adult psychiatric nursing specialty tracks, Department of Community Health Systems, or consent of instructor.

Lecture 2 hours. L. Chafetz

Course reviews the emerging literature on psychiatric liaison nursing. Reports on roles of psychiatric nurses in medical settings will be critically analyzed, as well as clinical studies from the area of general hospital psychiatry. Comparative models of practice are discussed. COMM HLTH SYST

269A. Human Health & Nursing Systems. (4) § W. Prerequisites: None.

Seminar 4 hours. B. Drew

Course analyzes theoretical foundations and research issues underlying specific content areas in nursing science. Research in each specific content area is analyzed from the perspectives of the dimensions of

nursing knowledge (health, illness, environment, therapeutics) and various units of analysis. FAM HLTH

269B. Human Health & Nursing Systems. (2) § Sp. Prerequisites: None. Seminar 2 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. FAM HLTH

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

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

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

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

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

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

271.01. Decision Making in Adult Primary Care. (3) § Sp. Prerequisites: N246, N247, N247.01 or consent of instructor. Lecture 3 hours. Staff

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

271.02. Special Problems in Family Primary Care. (2) § Sp. Prerequisites: N245, N246, N247, N270, N279 or consent of instructor. Seminar 2 hours. C. Chesla

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

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

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

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

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

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

N283ABC or consent of instructor. Lecture 2 hours. P. Jackson
Course provides the unique health care demands of vulnerable children with need for prolonged health support. The impact of the care giving environment, community, and care providers will be addressed in relation to the well-being of the child and family. FAM HLTH

273A. Curr Concepts in Occup Hlth Nsg. (2) § F. Prerequisites: Consent of instructor. Lecture 2 hours. B. Burgel

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

273B. Issues in Occupational Health. (1) § Sp. Prerequisites: Consent of instructor. Seminar 1 hour. J. Faucett, B. Burgel

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

274A. Hlth and Safety Hazards/Workplace. (3) § Sp. Prerequisites:

Consent of instructor. Lecture 2 hours. Lab 3 hours. P. Quinlan
Course introduces principles of industrial hygiene and safety for identification of chemical, biologic, physical, ergonomic, and safety hazards at work. Student will identify environmental monitoring methods, select health surveillance and safety measures, and discuss methods of control exposures and injuries. COMM HLTH SYST

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

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

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

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

COURSES

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

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

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

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

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

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

280.01. Evidence-Based Practice: Critical Care, ED/Trauma, Cardiopulmonary. (2) § Sp. Prerequisites: N262A. Seminar 2 hours. V. Carrieri-Kohlman

Course emphasizes the critical evaluation and synthesis of research and its use to develop evidence for practice decisions and evaluation of



outcomes. In-depth consideration of how research questions are formulated and how research can be synthesized to develop and provide new clinically relevant knowledge. PHYSIOL NURS

280.02. Evidence-Based Practice: Critical Care. (2) § Sp. Prerequisites: Concurrent enrollment in ACNP Residency III, ACNP student, or consent of instructor. Seminar 2 hours. V. Carrieri-Kohlman
Seminar provides practice in clinical decision-making related to critical care area of emphasis. Evidence-based literature and clinical case studies are used to evaluate diagnostics and clinical therapies.
PHYSIOL NURS

280.03. Evidence-Based Practice: Cardio. (2) § Sp. Prerequisites: Concurrent enrollment in ACNP Residency III; ACNP student, or consent of instructor. Seminar 2 hours. V. Carrieri-Kohlman
Seminar provides practice in clinical decision-making related to cardiopulmonary area of emphasis. Evidence-based literature and clinical case studies used to evaluate diagnostics and clinical therapies.
PHYSIOL NURS

281A. Nurse-Midwifery Management I. (4) § F. Prerequisites: Enrollment in Nurse-Midwifery specialty. Lecture 4 hours. R. Kaplan
Course reviews and analyzes the etiology and management of selected conditions in normal pregnancy. The impact of pregnancy on the mother, baby and family will be emphasized. FAM HLTH

281B. Nurse-Midwifery Management II. (4) § W. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281A and N282A. Lecture 4 hours. R. Kaplan
Course reviews and analyzes the etiology and management of selected conditions during the intrapartum and postpartum periods. The impact of these periods on the mother, baby and family will be emphasized.
FAM HLTH

281C. Nurse-Midwifery Management III. (4) § Sp. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281AB and N282AB. Lecture 4 hours. S. Wiener
Course reviews and analyzes management of selected reproductive and gynecologic conditions from menarche through and beyond menopause. Methods of family planning are explored in depth. FAM HLTH

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

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

282B. Nurse-Midwifery Complications II. (4) § W. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281A and N282A. Lecture 4 hours. Staff

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

282C. Nurse-Midwifery Complications III. (2) § Sp. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281AB and N282AB. Lecture 2 hours. R. Kaplan

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

282D. Nurse-Midwifery Complications IV. (2) § Su. Prerequisites: Enrollment in Nurse-Midwifery specialty and completion of N281ABC and N282ABC. Lecture 2 hours. M. Lynch

Course reviews and analyzes selected complications of the fetal and neonatal periods. FAM HLTH

283A. Pediatric Physiologic Development. (3) § F. Prerequisites: None. Lecture 3 hours. M. Lynch

Course studies major organ system function as modified by developmental needs and system immaturity in the infant, child, and adolescent. Implications for advanced practice pediatric nursing interventions will be addressed in relation to health promotion and illness prevention. FAM HLTH

283B. Common Pediatric Pathophysiology & Clinical Management.

(3) § Sp. Prerequisites: N283A. Lecture 3 hours. M. Lynch, K. Duderstadt
Course will provide a conceptual approach to examine common pediatric pathophysiologic phenomena observed in varied caregiving environments and across the illness continuum. The interrelationships of human responses, clinical manifestations, and therapeutic interventions will be discussed. FAM HLTH

283C. Complex Pediatric Pathophysiology & Clinical Management.

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

284. Adolescent Health Care. (2) § Sp. Prerequisites: Consent of instructor. Seminar 2 hours. M. Savedra, J. Broering

Examination and analysis of theory and research related to health care of adolescents and their families in a variety of settings. Emphasis will be on adaptation to selected stresses including trauma, chronicity, hospitalization, terminal illness and disability. FAM HLTH

285A. Qualitative Methods I. (5) § F. Prerequisites: Second-year doctoral student. Seminar 3 hours. Field work 6 hours. A. Clarke, C. Chesla
Course reviews many of the types of qualitative research methods, emphasizing assumptions, approaches. Focus on design, entree, ethics, data-gathering techniques (interviewing, observing) data recording and management. Introduction to data analysis. INTERDEPART

285B. Qualitative Methods II. (5) § W. Prerequisites: N285A and second-year doctoral student. Seminar 3 hours. Field work 6 hours. A. Clarke, C. Chesla

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

INTERDEPART

285C. Interpretive Phenomenology. (2) § Sp. Prerequisites: Philosophy courses in phenomenology (may be acquired outside UCSF and also with the consent of the instructor) and N285A&B (Qualitative Methods I&II). Seminar 2 hours. P. Benner

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

INTERDEPART

286A. Research in Stress & Coping. (3-4) § W. Prerequisites: Consent of instructor or doctoral-level theory development. Lecture 3 hours. Contract for 1 unit for proposal development (optional). P. Benner
Course critically analyzes the relationship of stress and coping to health and illness. Examines theoretical and empirical links between coping strategies and therapeutic interventions. Emphasis is on research programs. PHYSIOL NURS

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

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

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

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

287C. Strategic Marketing Management. (3) § Sp. Prerequisites: None. Lecture 3 hours. C. Waters

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

287D. Financial Management for Nurse Administrators. (3) § W. Lecture 3 hours. J. Seago

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

287E. Advanced Financial Management. (4) § S. Prerequisites: N287D; knowledge of Excel. Lecture 3 hours. Seminar 1 hour. J. Seago
Course offers advanced financial management concepts including supply/demand models, working capital, financial structure, cost of capital, costing and valuation. Includes both financial theory and policy emphasizing comparisons of integrated, profit/not-for-profit, and public/private health systems. COMM HLTH SYST

287F. Clinical Research Management. (3) § W. Prerequisites: None. Lecture 3 hours. M. White

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

287G. Data Management & Analysis. (4) § W. Prerequisites: None. Lecture 3 hours. Lab 3 hours. M. White, R. Slaughter

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

288A. Management of Acutely Ill/Injured I. (3) § F. Prerequisites: Prior or concurrent enrollment in N208A and N208B or consent of instructor. Seminar 3 hours. K. Puntillo

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

288B. Management of Acutely Ill/Injured II. (3) § W. Prerequisites: None. Seminar 3 hours. K. Puntillo, N. Stotts

Seminar provides critical analysis of methods used to monitor and manage sepsis/MODS, cerebral dysfunction, resuscitation, wound care, nutrition, pain and agitation/anxiety. Through use of case exemplars, students analyze clinical data from multiple sources, make management decisions, and evaluate treatment outcomes. PHYSIOL NURS

288C. Issues in Acute Care Advanced Practice. (3) § W. Prerequisites: None. Seminar 3 hours. K. Puntillo

Seminar provides critical analysis of issues and population-specific problems that confront ACNPs. Topics include family and aging issues, care delivery systems, ethical and socio-economic issues, technology dependence, and health services outcomes. PHYSIOL NURS

288D. Critical Care/Trauma Proseminar. (1) § F, W. Prerequisites: Enrollment in the Critical Care/Trauma Specialty. Seminar 1 hour. C. West
Course introduces advanced practice roles in critical care and trauma settings overviewing the economic, political, legal, and professional influences on practice outcomes. PHYSIOL NURS

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

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

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

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

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

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

PHYSIOL NURS

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

N209 and N212 or equivalent, B187 and doctoral student only.

Lecture 2 hours. Lab 3 hours. R. Newcomer, V. Carrieri-Kohlman

Course addresses theoretical basis of advanced quantitative methods. Fundamental issues of causality, and design issues pertinent to causality, are addressed using randomized clinical trials as models for experimental designs. Methods of sampling and issues in data collection and measurement are explored. PHYSIOL NURS

N289B. Advanced Quantitative Research Methods II. (3) § W. Prerequisites:

N289A and doctoral student only. Lecture 2 hours. Lab 3 hours.

R. Newcomer, V. Carrieri-Kohlman

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

PHYSIOL NURS

290. Family Theory/Research in Health. (3) § W. Prerequisites: None.

Restrictions: Doctoral student or consent of instructor. Seminar 3

hours. C. Chesla

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

291. Acute Psych Care in the Community. (2) § F. Seminar 2 hours. L.

Chafetz

Course reviews clinical problems encountered in acute psychiatric services in community settings. In addition to direct care issues, students have the opportunity to discuss the sociocultural, legal, ethical, and economic factors which influence provision of services. COMM HLTH SYST

292A. Physiology of Pregnancy. (2) § W. Prerequisites: Consent of instructor.

Conference .25 hours. Project 1.75 hours. K. Lee

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

295A. Management of Older Adults. (3) § F. Prerequisites: Completion of N208AB or consent of instructor. Lecture 2 hours. Seminar 1 hour. M. Wallhagen

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

295B. Care of Older Adults. (3) § W. Prerequisites: Completion of N295A, N208AB or consent of instructor. Lecture 3 hours. M. Wallhagen
Course focuses on advanced practice nursing of older clients across care settings. Case studies, lectures, and discussions allow students to integrate pathophysiologic, pharmacologic, psychosocial, and ethical concepts and to analyze critical approaches to assessment and care. PHYSIOL NURS

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

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

296. Teaching-Learning Processes. (3) § W. Prerequisites: None. Lecture 3 hours. Z. Mirsky

Course reviews and discusses educational principles and theories that take place between students and teachers and among students and examines teaching-learning practices in nursing education, staff development and client teaching programs. COMM HLTH SYST

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

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

298. Thesis or Comprehensive Exam. (0) § F, W, Sp. Prerequisites: Advancement to candidacy and permission of the graduate adviser. Staff

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

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

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

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

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

402. Administration Residency. (2-12) § SS1, SS2, F, W, Sp. Prerequisites: Completion of N287AB and N287D, each with a grade of B or higher, and consent of instructor. Lab 6-36 hours. Staff

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

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

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

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

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

INTERDEPART

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

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

404.02. Advanced Practice Residency. (2-12) § Su, F, W, Sp. Prerequisites: Consent of instructor. Patient contact 6-36 hours. Staff

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

404.05A. ACNP Residency I. (2-8) § F. Prerequisites: Prior or concurrent enrollment in N255A, prior or concurrent enrollment in N288A, ACNP student. Clinic 6-24 hours. J. Howie

Course provides a clinical experience in the role of ACNP. Focus is on decision making regarding diagnosis and treatment of patients with unstable cardio-pulmonary-renal problems commonly seen in acute/critical care clinical settings. PHYSIOL NURS

404.05B. ACNP Residency II. (2-8) § W. Prerequisites: Prior or concurrent enrollment in N255B, prior or concurrent enrollment in N288B, ACNP student. Clinic 6-24 hours. K. Puntillo

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

404.05C. ACNP Residency III. (4-8) § Sp. Prerequisites: Completion of N255AB. Clinic 12-24 hours. J. Howie

Culminating clinical experience in the role of the ACNP, with emphasis on cardiopulmonary, critical care, or Emergency Department/ Trauma. Emphasizes the ACNP as principal provider of care, with a designated team, for a specific patient care environment or a specific patient population. PHYSIOL NURS

405. Practicum in Mental Hlth & Com Nurs. (1-8) § F, W, Sp. Prerequisites: Consent of instructor. Lab 3-24 hours. Staff

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

406. Practicum in Family Hlth Care Nurs. (1-8) § F, W, Sp. Prerequisites: Consent of instructor. Lab 3-24 hours. Staff

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

407. Practicum in Physiological Nursing. (1-8) § F, W, Sp. Prerequisites: Consent of Instructor. Lab 3-24 hours. Staff

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

407.01. Clin Mgmt of Older Adults. (2) § F. Prerequisites: N208A&B (Human Pathophysiology & Aging) and N295A or B (Care of Older Adults [concurrently]), or consent of instructor. Lab 6 hours. C. Steinbach

Course provides opportunity for skill development in comprehensive assessment of older adults. It emphasizes problem identification as a basis for planning scientifically based care from a multidisciplinary perspective and within the context of the life continuum. PHYSIOL NURS

407.05. ACNP Health Promotion Practicum. (1-6) § W. Prerequisites: Concurrent enrollment in N245 and N245.05. ACNP student. Clinic 3-18 hours. Staff

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

407.06. ACNP Diagnostics Skills Lab. (1) § W. Prerequisites: ACNP student or consent of instructor. Lab 3 hours. L. MacLeod

Using data from multiple sources in laboratory sessions, students develop skills necessary to make clinical inferences or diagnoses. PHYSIOL NURS

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

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

407.08. ACNP Chronic Illness Practicum. (2-6) § Sp. Prerequisites: Concurrent enrollment in N246 and N246.05. ACNP student. Clinic 6-18 hours. L. MacLeod

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

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

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

409. Teaching Residency. (1-3) § Su, F, W, Sp. Prerequisites: Admission to doctoral study and consent of instructor. Lab 1-3 hours. Staff
Course offers students an opportunity to engage in teaching with selected faculty. INTERDEPART

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

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

411E. Data Management. (2) § SS1, F, W, Sp. Prerequisites: None. Biostatistics 187 or 185AB are recommended. Lecture 1 hour. Lab 3 hours. S. Paul

Course offers a hands-on experience with computers and programs that can be used for data management and statistical analysis. The benefits of considering options for data collection, entry, analysis, and preparing research strategy before data are collected is emphasized. PHYSIOL NURS

412A. Management of Psychotropic Regimens. (1) § W. Prerequisites: Enrollment in Psychiatric Master's Program or consent of instructor. Seminar 1 hour. P. Forster

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

412B. Management of Psychotropic Regimens. (1) § Sp. Prerequisites: Enrollment in Psychiatric Master's Program or consent of instructor. Seminar 1 hour. P. Forster

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

NUTRITION

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

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

SOCIOLOGY

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

Pinderhughes

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

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

G. Becker

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

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

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

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

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

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

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

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

Course surveys the classical and contemporary sociological issues in theoretical and empirical work on power; explores underlying assumptions and paradigms emerging and reflecting a sociopolitical milieu. The student will analyze literature and debates on power structure research and theory. SOC BEH SC

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

Course examines and evaluates classical and recent contributions to sociological theory. The main objective is the generation of a critical

capacity with respect to received theory in both its formal and substantive varieties. SOC BEH SC

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

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

212C. Sociological Theory: Symbolic Interactionism. (5) § Sp. Prerequisites: S212AB or permission of instructor.

Doctoral students only. Lecture 2 hours. Research 9 hours. A. Clarke
Course consists of readings and discussions on interactionist theory in sociology, with emphasis on the origins and development of the Chicago School of Sociology, as well as an examination of the link between philosophy of pragmatism and interactionism. SOC BEH SC

217. Future of the Family Seminar. (3) § F, W, Sp. Lecture 2 hours. Lab 3 hours. R. Staples

Course explores changing dating, sexual, sex-role, marital, and familial patterns in the United States. Discussion of futuristic models of family life as affected by sociocultural forces. Special emphasis given to changing sex-role behavior as affecting male-female relationships. SOC BEH SC

218. Adv Topics in the Socio-Analysis of Aging. (2-4) § W. Prerequisites: Consent of instructor. Lecture 2 hours. Lab 0-6 hours. C. Estes
Course is designed for doctoral students investigating advanced research issues preparatory to qualifying examinations. Topics to be analyzed will vary each year, but will be focused upon a specific area. Laboratory assignments are for research activities on special topics in the area of aging. SOC BEH SC

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

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

220. Seminar in Sociology. (1-3) § F, W, Sp. Prerequisites: None. Restrictions: Doctoral students only. Lecture 1 hour. Lab 0-6 hours. P. Fox
Doctoral student seminar to discuss methods and problems in current research. Course may be repeated for credit. SOC BEH SC

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

222. Health Care Economics and Policy. (3) § F, Sp. Prerequisites: None. Lecture 3 hours. C. Harrington

Course provides a critical analysis of economic, sociological, and political factors that affect health care. Examines U.S. health policies that impact on access, quality, costs, delivery systems, professional practices, and reform. SOC BEH SC

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

225. Health Care Institutions. (2-5) § F, W, Sp. Lab 0-9 hours. Seminar 2 hours. R. Newcomer

Course examines formal organizational theory, structure, and processes for health care organizations. The focus is on how organizations function within the socioeconomic and political environment in the United States. SOC BEH SC

230. Sociocultural Issues in AIDS. (3) § W, Sp. Lecture 2 hours. Lab 3 hours. C. Harrington

Course examines the history and social psychology of AIDS in relation to health, illness, disease, and death. Includes demographic trends, the cost burden, and special problems of minorities, women, and caregivers, along with policy issues. SOC BEH SC

233. Sociology of Aging. (3) § W, Sp. Lecture 2 hours. Lab 3 hours. P. Fox, S. Kaufman

Course reviews theories of aging including a review of theories of aging, current and historical trends in aging, factors related to aging, effects of aging on individuals and families, and formal and informal service systems for an aging population. SOC BEH SC

234. Introduction to Geriatrics and Aging. (2-3) § F, W, Sp. Lab 3 hours. Seminar 1-2 hours. G. Becker, S. Kaufman

Course examines health status of the aged in the United States in light of relevant biological, behavioral, sociocultural, and political factors. Topics relevant to health care professionals working with the elderly will be discussed. SOC BEH SC

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

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

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

Course provides in-depth overview and examination of 20th-century feminist theories from sociology, anthropology, and interdisciplinary perspectives. Emphasis is on current contributions and debates, with

attention to relations between feminist theories and issues for research in women's health and healing. SOC BEH SC

239. Evaluation Research Methods. (3) § F, W, Sp. Prerequisites: Sociology 214A and 214B. Non-doctoral students may enroll upon approval of instructor. Lecture 2 hours. Lab 3 hours. R. Newcomer

Course analyzes field work as evaluation method, as applied to health care settings and programs, contrasting this approach with quantitative methods predicated on analysis of outcomes. Conduct of such evaluative research, and relationship with audiences, such as policymakers, analyzed. SOC BEH SC

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

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

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

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

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

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

243. Qualitative Research in Women's Health. (2-4) § W. Prerequisites: One or more women's health courses and one course in qualitative methods. Doctoral students only. Seminar 2 hours. Optional project for additional units. V. Olesen

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

244. Advanced Methods for Survey Analysis. (3) § Sp. Prerequisites: Introductory statistics through multivariate analysis. Lecture 2 hours. Lab 3 hours. M. LaPlante

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

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

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

248. Group Independent Study. (1-4) § F, W, Sp. Prerequisites: Consent of instructor. Seminar 1-4 hours. Staff

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

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

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

251. Women's Health: Sociocultural. (2-4) § Sp. Prerequisites: Consent of instructor. Lab 0-6 hours. Seminar 2 hours. Staff

Exploration of relationship between culture and health for women in non-Western societies. Effects of modernization and migration on utilization of traditional and cosmopolitan health care and on women's roles as providers will be discussed, and contemporary controversies will be analyzed. SOC BEH SC

252. Women's Health: Socio-Historical. (2-4) § W. Prerequisites: Consent of instructor. Lab 0-6 hours. Seminar 2 hours. A. Clarke

Sociological analysis of women's health status, roles as providers and patients, and the development of medical ideas about women from a historical perspective. Emphasis on 19th- and 20th-century developments in industrialized societies. SOC BEH SC

253. Sociology of Reproduction. (2-4) § Sp. Lab 0-6 hours. Seminar 2

hours. Offered in alternate years. Not offered 1999-2000. A. Clarke Course focuses on recent theoretical and substantive developments concerning female sexuality, birth control, population control, abortion, reproductive technologies, and pregnancy/childbirth. Examines race and class relations and concerns of the state, science, and medicine. SOC BEH SC

254. Women's Health: Policy Issues. (2-4) § W. Prerequisites: Consent of instructor. Lab 0-6 hours. Seminar 2 hours. Staff

Consideration of factors in the emergence of issues in women's health and related policy. Perspectives on women as policymakers and the implementation of policy on women's health, participation in care and healing systems and access to training. SOC BEH SC

256. Introduction to Survey Research. (3) § Sp. Prerequisites: Biostatistics 183 and 185AB or equivalent. Restriction: Doctoral level; non-

doctoral students may enroll upon consent of instructor. Lecture 2 hours. Lab 3 hours. R. Newcomer

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

257. Minority Health and Aging. (2-3) § F, Sp (offered once yearly). Not offered 1999-2000. Lecture 2 hours. Field work 0-3 hours. G. Becker
Course explores the diversity of racial and ethnic variation and examines the health and aging experience of minority elderly within the context of families, communities, and the nation. SOC BEH SC

260. Policy and Politics of Health. (2-5) § W, Sp. Lecture 2 hours. Field work 0-9 hours. C. Harrington

Course examines health care policy and politics in terms of historical and contemporary issues related to access, quality, and cost. Organizational, financing, and labor market issues are included, along with strategies for social change. SOC BEH SC

271. Professional Issues Seminar. (1) § F, W, Sp. Restriction: Doctoral students in Sociology or consent of instructor. Seminar 1 hour. R. Newcomer

Seminar addresses professional and career issues for sociologists, including teaching, research, writing for publication, and presentation of papers at professional meetings. Focuses on career and educational planning, résumé development, internships, mentorships, and job interviews. SOC BEH SC

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

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

273. Demography of Health and Aging. (3) § W, Sp. Prerequisites: Consent of instructor. Lecture 2 hours. Lab 3 hours. M. LaPlante
Course provides an overview of demographic studies of morbidity, disability, and mortality. Sociodemographic variations and changes over time in health and mortality profiles of populations and the relationship of morbidity, disability, and mortality trends will be covered. SOC BEH SC

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

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

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

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

278. Sociology of Alcohol and Drugs. (2-3) § F. Lab 0-3 hours. Seminar 2 hours. Offered in alternate years. Not offered 1999-2000. Fillmore
Course examines alcohol and drug use from multiple theoretical perspectives in various historical and cultural contexts. Examines the distribution of alcohol and drug use across and within societies and various policies and their consequences for the control and management. SOC BEH SC

280. Meta-Analysis in Health Research. (3) § F. Prerequisites: Basic research statistics and Research Methods (S270AB or N295). Lab 3 hours. Seminar 2 hours. Offered in alternate years. Not offered 1999-2000. K. Fillmore

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

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

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

282. Sociology of Science/Technology. (2-4) § W. Lab 0-6 hours. Seminar 2 hours. Offered in alternate years. Not offered 1999-2000. A. Clarke

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

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

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

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

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

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

Course compares and contrasts modes of qualitative analysis. Examines issues in establishing plausibility, credibility, adequacy. Intensive

data analysis and examination of the problems of presentation of findings with focus on questions of authority and preparation of text. SOC BEH SC

285C. Qualitative Analysis. (3) § F, W, Sp. Prerequisites: S285AB/N285AB. Restriction: Doctoral students in Sociology. Lecture 2 hours. Lab 3 hours. Staff

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

286. Introduction to Women's Health. (2-4) § F, W, Sp. Prerequisites: None. Lecture 2 hours. Field work 0-6 hours. A. Clarke

Course examines women's participation in formal/informal health and healing systems, emphasizing health problems, recruitment to health professions, images of women in health and illness, and women as providers. Health issues of women of color in the U.S. are highlighted. SOC BEH SC

289A. Advanced Quantitative Research Methods I. (3) § F. Prerequisites: N209 and N212 or equivalent, B187 and Doctoral students only.

Lecture 2 hours. Lab 3 hours. R. Newcomer, V. Carrieri-Kohlman
Course addresses theoretical basis of advanced quantitative methods. Fundamental issues of causality, and design issues pertinent to causality, are addressed using randomized clinical trials as models for experimental designs. Methods of sampling and issues in data collection and measurement are explored. SOC BEH SC

289B. Advanced Quantitative Research Methods II. (3) § W. Prerequisites: S289A and doctoral students only. Lecture 2 hours. Lab 3 hours. R. Newcomer, V. Carrieri-Kohlman

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

289C. Advanced Measurement Methods. (3) § Sp. Prerequisites: S289AB or equivalent course(s) in quantitative methods and doctoral students only. Lecture 2 hours. Lab 3 hours. A. Stewart

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

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

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