

prevention at the community level. Selected environmental impacts on health are studied. Students identify health issues for selected populations, and plan assessment, intervention and evaluation strategies for use with individuals, families, and vulnerable populations.

*Prerequisites:* NURS 487 is usually taken concurrently; Two of the three following course sets: NURS 484 and 485; NURS 386 and 387; NURS 384 and 385; also NURS 370, 371, 372, 369 and 374.

NURS 487 Community & Environmental Health Nursing : Practicum  
5 credits

*Course Description:* This course provides an opportunity for students to apply a synthesis of knowledge and practice from nursing, public health, environmental health, and other disciplines in the community. A multidimensional assessment process is used to formulate plans of care. Community level implementation focuses on promoting the health of client systems within the context of public health and environmental health approaches to health promotion and disease prevention.

*Prerequisites:* NURS 486 or may be taken concurrently; Two of the three following course sets: NURS 484 and 485; NURS 380, 386 and 387; NURS 384 and NURS 385; also NURS 370, 371, 372, 368, 369, and 374.

NURS 487 Community & Environmental Health Nursing : Practicum - for RNBS only  
6 credits

*Course Description:* This course provides an opportunity for students to apply a synthesis of knowledge and practice from nursing, public health, environmental health, and other disciplines in the community. A multidimensional assessment process is used to formulate plans of care. Community level implementation focuses on promoting the health of client systems within the context of public health and environmental health approaches to health promotion and disease prevention.

*Prerequisites:* Nur 486.

NURS 488 Reflective Nursing Practice  
2 credits

*Course Description:* This course provides opportunity for synthesis and evaluation of professional nursing role behaviors essential to care of clients experiencing complex care needs in a variety of settings. Emphasis is placed on refinement of critical thinking and communication skills and the integration of a range of therapeutic interventions into nursing practice, including those appropriate to individual clients, their families/significant others, and relevant population-based groups.

*Prerequisites:* All other upper division nursing major courses.

NURS 488A Reflective Nursing Practice  
2 credits

*Course Description:* Revised course. Currently being developed.

*Prerequisites:* Successful completion of the first year of upper division coursework

NURS 488B Reflective Nursing Practice  
2 credits

*Course Description:* Revised course. Currently being developed.

*Prerequisites:* Successful completion of the first year of upper division coursework

NURS 489 Reflective Nursing Practice: Practicum  
7 credits

*Course Description:* This course provides opportunity for synthesis and evaluation of professional nursing role behaviors essential to care of clients experiencing complex care needs in a variety of settings. Emphasis is placed on refinement of critical thinking and communication skills and the integration of a range of therapeutic interventions into nursing practice, including those appropriate to individual clients, their families/significant others, and relevant population-based groups.

*Prerequisites:* All other upper division nursing major courses.

NURS 489 Reflective Nursing Practice: Practicum - for RNBS only  
6 credits

*Course Description:* This course provides opportunity for synthesis and evaluation of professional nursing role behaviors essential to care of clients experiencing complex care needs in a variety of settings. Emphasis is placed on refinement of critical thinking and communication skills and the integration of a range of therapeutic interventions into nursing practice, including those appropriate to individual clients, their families/significant others, and relevant population-based groups.

*Prerequisites:* All other upper division nursing major courses.

NURS503 Master's Research/Practice Improvement Project  
1-3 credits

*Course Description:* In this course, students conduct a data-based project under the supervision of SoN faculty. Critical elements include the design, analysis, interpretation, and reporting of data. Students collaborate with an investigator using either data from an IRB-approved study, or a quality improvement

initiative at a clinical agency. Students in the MS/PhD program may elect to conduct a pilot study with the approval of their advisor, preliminary to their dissertation research. The outcomes of the MRP/PIP may take the form of a formally written report, a co-authored manuscript for publication, or an individual NRSA (F31) application.

*Prerequisites:* Prerequisites NUR510; completion of RCR and HIPAA research module.

NURS505 Reading and Conference

1-3 credits

*Course Description:*

*Prerequisites:*

CPH505 Reading and Conference

1-3 credits

*Course Description:*

*Prerequisites:*

NURS506 Special Projects

1-3 credits

*Course Description:*

*Prerequisites:*

NURS507A Current Issues in Public Health

3 credits

*Course Description:* This seminar focuses on the scope of practice of public and community health professionals. The seminar provides an opportunity to discuss current and often controversial public health issues. Two specific foci of the seminar will be: 1) assessment and intervention with underserved and vulnerable populations at risk for and experiencing health disparities; and 2) health risk communication.

*Prerequisites:*

NURS507B Fundamentals of Teaching Nurse-Midwifery Students

3 credits

*Course Description:* This course is designed as an overview of fundamental principles classroom and clinical teaching applied to the education of nurse-midwives. Content will include principles of adult learning, teaching and learning styles, clinical supervision and mentoring, competency based education and evaluation of learning. Required for all nurse-midwifery students.

*Prerequisites:*

NURS507F Introduction to Motivational Interviewing

1-2 credits

*Course Description:* This course is designed to provide students with an introduction to Motivational Interviewing in the context of health promotion and risk reduction. Specifically, this course will introduce the theoretical constructs/models and underpinnings to

this approach; explore the intricacies of motivation and behavior change; develop effective client-based counseling skills; discuss ethical considerations inherent in efforts to change behaviors; and provide a framework to integrate this approach into clinical practice.

*Prerequisites:*

NURS507G Advanced concepts in nursing: Evidence-based Practice

3 credits

*Course Description:* This course introduces students to types of evidence which support clinical and policy decisions in nursing. Students will be given experience in locating, evaluating, and summarizing scientific evidence to support nursing assessment and interventions in health promotion, chronic illness management, and palliative care. Emphasis will be placed identification of competencies and design of learning activities to integrate evidence-based practice into nursing undergraduate programs.

*Prerequisites:*

NURS507H Advanced concepts in nursing: Selected topics

1-3 credits

*Course Description:* This course introduces students to concepts underlying new competencies for nursing practice. Students will work with an advisor to identify concepts relevant for their area of practice and teaching and to design a study plan, learning activities and project relevant for their work.

*Prerequisites:*

NURS509 Advanced Clinical Practicum

2-6 credits

*Course Description:* Course description to be developed between faculty and student taking this practicum course. Open number for practicum hours to be counted in program of study for academic credit. Does not replace required practicum in specialty program of study. Used for special situations in which a student requires additional practicum hours to be counted for academic credit.

*Prerequisites:*

NURS509A Practicum in Population Health Management

2-3 credits

*Course Description:* This practicum course develops and refines a student's competency in managing: a caseload, a population, an educational program, or health services. Within one of these contexts, the student takes a role initiating, managing, or sustaining collaborative efforts related to change and improvement of health services. This practicum may be taken for variable credit. In the first term the

emphasis is on assessing the organization, identifying how the APN and other health professional roles are implemented in that organization relative to a specific population, and beginning participation in collaborative change efforts and/or strategic planning. In the second term the emphasis is on enactment of the APN or other health professional roles with increased responsibility for collaborative efforts related to needed change or improvement identified in the first term.

*Prerequisites:*

#### NURS509AA Practicum in Clinical Teaching 1-3 credits

*Course Description:* This practicum is designed to help students achieve competencies in clinical teaching. Focus will be on identifying competencies, design and/or selection of clinical experiences to achieve the competencies, and approaches to clinical evaluation. Students will work with experienced faculty in community colleges or baccalaureate programs throughout the state. Includes on-line, asynchronous seminar, providing students the opportunity to reflect on their practicum, and link their experiences to pedagogical research and theory

*Prerequisites:*

#### NURS509B CNS Practicum 2-6 credits

*Course Description:* This practicum course (3 credits) provides opportunities for graduate students to explore the clinical nurse specialist (CNS) role and to develop ongoing therapeutic relationships with clients or aggregates. Students implement aspects of the clinical nurse specialist (CNS) role that focus on building expertise in therapeutics for nursing specialties. Students carry a caseload of clients or aggregates.

*Prerequisites:* Nurs510 Research Methods and Evidence-Based Practice and Nurs522 Advanced Practice Nursing Roles and Issues. Nurs509B may be taken concurrently to Nurs522 with faculty permission only.

#### NURS509C GNP Practicum 1-3 credits

*Course Description:* This course focuses on clinical decision making for care of elderly persons in a variety of care facilities. Both health promotion and management of selected common illnesses will be addressed in a variety of clinical settings such as nursing homes, hospice, adult day care, hospital and community based clinics. Clinical seminars will be used to synthesize theoretical and research perspectives on best practices for care of geriatric persons. Students will be assigned to clinical sites with preceptor guidance and faculty supervision.

*Prerequisites:* Nurs555 Common Physical Problems of Elders; Nurs554 Common Mental Health Problems of Elders; Nurs520 Introduction to Primary Care

#### NURS509D Practicum in nurse-midwifery education 2 credits

*Course Description:* The course is designed to provide practicum experience in nurse-midwifery education for second year nurse-midwifery students. Students will be given the opportunity, with direct supervision of faculty to develop and present classroom materials, to supervise first year students in selected clinical situations and to develop both classroom and clinical evaluation tools.

*Prerequisites:*

#### NURS509K Practicum in Advanced Psychiatric Mental Health Nursing Roles: Adults 1-6 credits

*Course Description:* Supervised and precepted advanced clinical practice is directed toward the development and continuing growth of competent, scholarly, and reflective psychiatric mental health nurse practitioners. The practicum will focus on adult clients, and will include therapy with individuals, couples, families, and groups as well as consultation and practice with organizations, agencies, and programs in traditional and non-traditional settings that serve socioeconomically underserved or culturally diverse populations. An interactive supervision experience with faculty and student peers is directed toward the development of advanced assessment, analysis, critique, evaluation, diagnostic, and treatment skills. The practicum may be taken across quarters and the student is expected to show increasing responsibility, skill, and expertise over time.

*Prerequisites:*

#### NURS509KC Practicum in Advanced Psychiatric Mental Health Nursing Roles: Child & Adolescent 1-6 credits

*Course Description:* Supervised advanced clinical practice is directed toward the development of competent, scholarly, reflective practitioners. The practicum will include therapy with individuals, couples, families and groups as well as consultation and practice with organizations and programs in settings that serve socioeconomically underserved or culturally diverse populations of children and adolescents. An interactive supervision experience with faculty and student peers is directed toward the development of assessment, analysis, critique and evaluation skills.

*Prerequisites:*

#### NURS509L Practicum in Antepartum and Postpartum Management 2 credits

*Course Description:* This course focuses on clinical application of content from Antepartum and Postpartum Management. Students will have weekly clinical experiences in various sites under the direct

supervision of clinical faculty. Weekly clinical seminars will be used to synthesize and integrate theoretical and research perspectives with the clinical aspects of patient care.

*Prerequisites:* Prerequisites: NURS587 Antepartum and Postpartum Management

NURS509M Practicum in Nurse-Midwifery Management of the Intrapartum Period  
3 credits

*Course Description:* This course focuses on clinical application of content from NURS581: Nurse Midwifery Management of the Intrapartum period. Students will continue the previous term's work in antepartum management while adding clinical experience in inpatient assessment and the management of labor and delivery. Weekly clinical seminars will be used to synthesize theoretical and research perspectives with clinical aspects of patient care using exemplars from student experiences. Students will be assigned to one of the nurse-midwifery faculty practice sites and will work under direct faculty supervision.

*Prerequisites:*

NURS509N Practicum in Nurse-Midwifery Management I  
3 credits

*Course Description:* This course focuses on clinical application of content from NURS 581: Nurse-Midwifery Management of the Intrapartum Period. Emphasis is on essential content basic to the provision of skilled intrapartum care as well as advanced skills. Continuing discussion of care for culturally diverse populations as well as care for persons with low-literacy skills is included.

*Prerequisites:*

NURS509O Practicum in Advanced Women's Health Care Management  
2 credits

*Course Description:* This practicum is designed to build upon management and clinical skills in antepartum, postpartum, and gynecological areas for an advanced practicum experience. The course is intended to be taught over several terms, with an individualized plan of study designed in conjunction with the course coordinator. The site in which the practicum is conducted will reflect the student's and course coordinator's joint assessment of learning needs in preparation for the advanced practicum placement.

*Prerequisites:* Prerequisites: NURS518 Reproductive Health Care Management; NURS588 Advanced Women's Health Care Management

NURS509P Practicum in Nurse-Midwifery Management II

3 credits

*Course Description:* This course focuses on clinical application of content from NURS 581: Nurse-Midwifery Management of the Intrapartum Period, NURS 521A: Adult Primary Care Management I, NURS 521B: Adult Primary Care Management II, and NURS 521C: Adult Primary Care Management III. Weekly clinical seminars will be used to synthesize theoretical and research perspectives with clinical aspects of patient care using material from student experiences. Students will be assigned to clinical sites with preceptor guidance and faculty supervision. Required for nurse midwifery students.

*Prerequisites:*

NURS509Q Advanced Practicum in Nurse-Midwifery  
8 credits

*Course Description:* This advanced practicum experience provides an opportunity for the student to explore professional issues related to nurse-midwifery in an off-campus site. This experience is designed to develop breadth and depth in complex clinical decision making essential for beginning nurse-midwifery practice.

*Prerequisites:*

NURS509R Practicum in Primary Care Management I  
2-3 credits

*Course Description:* This course applies content from NURS518, Health Promotion and Health Assessment. Health assessment, health promotion, and basic management of common illnesses will be addressed in a variety of clinical settings appropriate to the student's specialty focus. Clinical seminars will be used to synthesize theoretical and research perspectives with clinical aspects of patient care using material from student experiences.

*Prerequisites:*

NURS509S Practicum in Primary Care Management II  
2-4 credits

*Course Description:* This course focuses on clinical application of content from NURS520 Introduction to Primary Care Management. Both health promotion and management of selected common illnesses will be addressed in a variety of clinical settings appropriate to the students' specialty. Weekly clinical seminars will be used to synthesize theoretical and research perspectives with clinical aspects of patient care using material from student experiences. Students will be assigned to clinical sites with preceptor guidance and faculty supervision.

*Prerequisites:* Prerequisites: NURS520 Introduction to Primary Care

NURS509T Practicum in Primary Care Management III  
5-6 credits

*Course Description:* This course applies content from NURS 521B, Adult Primary Care Management I, and NURS 594B, Pediatric Primary Care Management. Both health promotion and management of increasingly complex illnesses will be addressed in a variety of clinical settings appropriate to the student's specialty focus. Weekly seminars will be used to synthesize theoretical and research perspectives with clinical aspects of patient care using material from student experiences. Students will be assigned to clinical sites with preceptor guidance and faculty supervision.

*Prerequisites:*

NURS509U Practicum in Primary Care Management IV

8 credits

*Course Description:* This course applies content from NURS 592 Advanced Primary Care Management. Both health promotion and management of increasingly complex illnesses will be addressed in a variety of clinical settings appropriate to the student's specialty focus. Weekly seminars will be used to synthesize theoretical and research perspectives with clinical aspects of patient care using material from student experiences. Students will be assigned to clinical sites with preceptor guidance and faculty supervision.

*Prerequisites:*

NURS509W Antepartum and Postpartum Management for FNP's

1 credits

*Course Description:* This course is the clinical application of NURS593 Antepartum and Postpartum management for FNP's. The course will focus on the critical analysis and application of evidence based practice relevant to the management of childbearing families during the antepartum and postpartum periods. Particular attention is given to differentiating common complaints from complications in antepartum/postpartum. Variables that predict increased risk for adverse obstetrical outcomes will be stressed. Specific health care needs and beliefs of culturally diverse populations are addressed.

*Prerequisites:* Prerequisites: Concurrent with N593 Antepartum and Postpartum Management for FNP's

NURS509Y Primary Care Practicum for Nurse-Midwives

1 credits

*Course Description:* This course focuses upon clinical application of content from Nurs585 Primary Care for Nurse Midwives. Students will be assigned to primary care clinical sites with preceptor guidance and faculty supervision. Weekly clinical seminars will be used to

synthesize theoretical and research perspectives with clinical aspects of patient care using material from student experiences. This is a required course for midwifery students.

*Prerequisites:*

NURS509Z GNP Practicum in Long Term Care  
2-3 credits

*Course Description:* This course focuses on clinical application of content from Nurs555 Common Physical Problems of Elders to elderly persons in long-term care facilities. Both health promotion and management of selected common illnesses will be addressed in a variety of clinical settings such as nursing homes, hospice, adult day care. Clinical seminars will be used to synthesize theoretical and research perspectives on best practices for geriatric persons. Students will be assigned to clinical sites with preceptor guidance and faculty supervision.

*Prerequisites:* N555 Common Physical Problems of Elders; N554 Common Mental Health Problems of Elders; N520 Introduction to Primary Care Management

NURS510 Research Methods and Evidence-Based Practice

4 credits

*Course Description:* The purpose of this course is to enhance students' abilities to comprehend, critique and apply research methodology and research-based evidence in a variety of advance practice settings. Students will locate and critically evaluate evidence generated from quantitative, qualitative, and epidemiological methods, with particular attention paid to statistical significance and clinically meaningful outcomes. Students will transform their own clinical inquisitiveness into practice-based researchable questions and focus on the application of research methods in clinical settings. Students will also gain experience in using publicly available databases and displaying data in a variety of formats.

*Prerequisites:* Statistics

Waivers considered under the following situations:

A student who has used statistics in some regular component of their job, including running analyses.

A student who has earned a masters' degree in another field and used statistics as part of their thesis work

A student who's previous statistics course is 5.5 years old at the time of admission to the master's program.

NURS512 A Critical Analysis of Health Disparities  
4 credits

*Course Description:* This course will critically analyze the complexity of health disparities rooted in multiple levels of historic and contemporary inequities. These levels include health care systems, health policies and health care professionals. The critical thinking process

throughout the course will emphasize ethical considerations. Existing multi-level intervention strategies aimed at eliminating health disparities will be assessed.

*Prerequisites:*

NURS514 Health Promotion and Health Protection  
3 credits

*Course Description:* This course emphasizes assessment and management of health promotion and protection with individuals, families, or communities throughout the lifespan. It examines research-based strategies, nursing interventions and theoretical frameworks for advanced nursing practice.

*Prerequisites:*

NURS515A Advanced Physiology/Pathophysiology I  
3 credits

*Course Description:* This foundational course uses physiological concepts as a basis for understanding pathophysiological processes across the life span. Pathophysiological processes are selected from those commonly encountered in advanced nursing practice and include both disease processes and non-disease-based processes (e.g., pain). Emphasis is placed on the physiological and pathophysiological base for managing clinical problems. A working knowledge of undergraduate anatomy, physiology, and pathophysiology is assumed.

*Prerequisites:*

NURS515B Advanced Physiology/Pathophysiology II  
3 credits

*Course Description:* This sequel to Nurs 515A, Advanced Physiology and Pathophysiology I, continues emphasis on the physiological and pathophysiological base for managing clinical problems. The course addresses additional pathophysiological processes

*Prerequisites:*

NURS516A Applied Leadership Skills in Health Care Systems  
3 credits

*Course Description:* This course focuses on the knowledge and skills of personal and organizational leadership required as a manager, consultant, or advanced practitioner in a variety of health care organizations and systems. Emphasis is on the principles of interpersonal processes common to health care organizations, and leadership within the context of theories of organization, social and cognitive development, emotional intelligence and diversity.

*Prerequisites:*

NURS516B Health Care Systems Management and Improvement  
3 credits

*Course Description:* This course focuses on health care organizations and systems from the perspective of managing processes and improving service delivery. Content includes consideration of the impact of organizational culture, budget and costing of services, reimbursement policies, regulations, and union/non-union environments on health care delivery. Students become familiar with various applications and approaches used for quality improvement and risk management

*Prerequisites:*

NURS517 Health Assessment/Physical Diagnosis for Advanced Practice Nursing

4 credits

*Course Description:* This course focuses on development of clinical decision-making skills in the process of health assessment. The course provides advanced theory in the assessment of an individual within the context of the family, psycho-social-cultural considerations, functional ability and developmental stage. In addition, students are introduced to appropriate utilization and interpretation of diagnostic tests.

*Prerequisites:*

Nurs517C Health Assessment for Advanced Practice Nursing Lab

0 credits

*Course Description:* Clinical Section. This course focuses on development of critical thinking and clinical decision making skills in the process of health assessment. The course provides advanced theory in the assessment of an individual within the context of the family, community resources, psycho-social-cultural considerations, functional ability and developmental stage. In addition, students are introduced to appropriate utilization and interpretation of diagnostic tests. As one outcome of this course, students demonstrate comprehensive and integrative health assessment practice and written skills at the level required by their specialty.

*Prerequisites:*

Nurs517C Health Assessment for Advanced Practice Nursing

1-2 credits

*Course Description:* Clinical Section. This course focuses on development of critical thinking and clinical decision making skills in the process of health assessment. The course provides advanced theory in the assessment of an individual within the context of the family, community resources, psycho-social-cultural considerations, functional ability and developmental stage. In addition, students are introduced to appropriate utilization and interpretation of diagnostic tests. As one outcome of this course, students

demonstrate comprehensive and integrative health assessment practice and written skills at the level required by their specialty.

*Prerequisites:*

NURS518 Reproductive Health Care Management  
2 credits

*Course Description:* This course focuses upon the application of research, theory, and knowledge relevant to the common health needs and psychosocial experiences of men and women in relation to their reproductive physiology. 2 credits didactic; 1 credit clinical

*Prerequisites:* Prerequisites: Physical Assessment course

NURS518C Reproductive Health Care Management  
1 credits

*Course Description:* This course focuses upon the application of research, theory, and knowledge relevant to the common health needs and psychosocial experiences of men and women in relation to their reproductive physiology. 2 credits didactic; 1 credit clinical

*Prerequisites:* Prerequisites: Physical Assessment course

NURS519A Applied Pharmacology I  
3 credits

*Course Description:* This foundational course addresses pharmacotherapeutics for advanced nursing practice with children and adults, including pharmacokinetics, pharmacodynamics, individualization of drug therapy, adverse effects and drug interactions of common drug classes. Outcomes of drug therapy, ethics, approaches to patient adherence and education regarding medication therapy are examined. Oregon State Board of Nursing and federal regulation of prescribing are also included.

*Prerequisites:* Enrollment in one of the School of Nursing's graduate nursing programs (ANP, FNP, GNP, PNP, WHCNP, CNM, PMHNP, CNS or Gerontology). Other students need permission from the course coordinator.

NURS519B Applied Pharmacology II  
2 credits

*Course Description:* This course builds upon the principles of prescribing by analysis of common drug classes used in advanced practice nursing with adults and children. Factors affecting successful therapy such as effectiveness, safety, acceptability, cost, alternative regimens and patient behavior are analyzed

*Prerequisites:* Completion of N519A and enrollment in one of the School of Nursing's graduate nursing programs (ANP, FNP, GNP, PNP, WHCNP, CNM, PMHNP, CNS or Gerontology). Other students need permission from the course coordinator.

NURS520 Introduction to Primary Care Management  
3 credits

*Course Description:* This course focuses on community-based primary care practice. The approach to developing a community-based primary care practice applies a model of community engagement. The continuous improvement model will be used as a process for change with the community. This course is a requirement for nurse practitioner students.

*Prerequisites:*

NURS521A Adult Primary Care Management I  
2 credits

*Course Description:* This course focuses on management of common health problems of adults in primary care settings. Diagnostic reasoning is used to differentiate common problems. An evidence-based approach to primary care drawing upon theories, research, clinical knowledge and national standards is used to develop therapeutic plans for common health problems of adults. Required for ANP, FNP, GNP, WHCNP and midwifery students.

*Prerequisites:*

NURS521B Adult Primary Care Management II  
1-3 credits

*Course Description:* This course focuses on management of common health problems of adults in primary care settings. Diagnostic reasoning is used to differentiate common problems. Evidence based care plans will be developed for primary care problems of adult drawing upon theories, research, clinical knowledge and national standards. Students will engage in clinical-decision making for more complex problems. Required for ANP, FNP, GNP, WHCNP, and midwifery students.

*Prerequisites:*

NURS522 Advanced Practice Nursing Roles and Issues  
2 credits

*Course Description:* This course examines the components, competencies, and scope of practice of advanced practice nursing roles and selected contemporary, societal, legal, system, and professional issues pertinent to these roles.

*Prerequisites:*

NURS525 Diagnosis and Treatment of Symptoms and Functional Problems in Adults and Elders (cross list with N629)  
3 credits

*Course Description:* This course focuses on the enhancement of health and diagnosis and treatment of symptoms and functional health problems of elders and adults with complex physical illness. The chronic illness trajectory framework guides consideration of the

acute and chronic illness experiences of clients and their families

*Prerequisites:*

NURS526 Management of Complex Health Alterations in Acute & Chronic Illness

3 credits

*Course Description:* This theory course is the second of two clinical nurse specialist courses designed to prepare the student for advanced nursing practice in management of complex health situations in a specialty population. This course builds on content presented in N525 Management of Symptoms and Functional Problems in Adults and Elders. The course uses the illness trajectory framework to guide the management of complex health alterations encountered by the clinical nurse specialist.

*Prerequisites:*

NURS527 Reflective Clinical Nurse Specialist Practice

4-6 credits

*Course Description:* This course enables the clinical nurse specialist (CNS) student to complete clinical practice projects with a selected adult population and to refine practice competencies related to the three spheres of CNS influence.

*Prerequisites:*

CPH530 Biometry Survey

4 credits

*Course Description:* This course covers a broad range of basic statistical methods used in the health sciences. The course begins by covering methods of summarizing data through graphical displays and numerical measures. Basic probability concepts will be explored to establish the basis for statistical inference. Confidence intervals and hypothesis testing will be studied with emphasis on applying these methods to relevant situations. Both normal theory and nonparametric approaches will be studied including one- and two-sample tests of population means and tests of independence for two-way tables. Students will be introduced to one-way analysis of variance (ANOVA), correlation, and simple linear regression. The course focuses on understanding when to use basic statistical methods, how to compute test statistics and how to interpret the results. Computer applications (using SPSS) are included as part of the course to introduce students to basic data management, reading output from computer packages, interpreting and summarizing results.

*Prerequisites:*

CPH533 Epidemiology Survey

3 credits

*Course Description:* Basic epidemiologic principles applicable to infectious and non-infectious diseases,

host-agent-environmental relationships, and theories of disease causation will be reviewed. Students will gain familiarity with epidemiologic tools such as incidence, prevalence, mortality, natality, and other rates and ratios. Data sources, program evaluation, screening evaluation, sources of bias, sampling methods, and basic study design types and characteristics will be covered.

*Prerequisites:*

NURS535 Principles and Practices of Public Health

4 credits

*Course Description:* This course presents several key theoretical principles and practices of public health. Using a case-based format, the course will examine six competencies of public health practice identified by the Academic Council on Linkages including familiarity with the Core Functions and Essential Services of public health; facility in grant-writing; the relationship of the legal and political systems to public health; interpretation of public health data for public use; pitfalls of policy-making; and the ethics of public health practice and study design. In-depth examination of these issues will prepare the student for leadership roles in community and in public health.

*Prerequisites:*

NURS536A Health Systems Management I

4 credits

*Course Description:* This two- quarter course provides students with an integrative perspective of organizational strategy and management in health care. The course includes analysis of a health care organization and its environment, using quantitative and qualitative decision models. Focus in the first quarter is internal and external analysis and in the second quarter on application of information from analysis from all areas of the organization (e.g. financial, marketing, information systems, service delivery) and environment to the development and evaluation of strategic alternatives, and implementation of change. A key aspect is strategy development and implementation in a turbulent environment.

*Prerequisites:*

NURS536B Health Systems Management II

4 credits

*Course Description:* This two- quarter course provides students with an integrative perspective of organizational strategy and management in health care. The course includes analysis of a health care organization and its environment, using quantitative and qualitative decision models. Focus in the first quarter is internal and external analysis and in the second quarter on application of information from analysis from all areas of the organization (e.g. financial, marketing, information systems, service

delivery) and environment to the development and evaluation of strategic alternatives, and implementation of change. A key aspect is strategy development and implementation in a turbulent environment.

*Prerequisites:*

CPH537 Principles of Health Behavior  
3 credits

*Course Description:* This course provides students with the opportunity to examine the psychosocial, behavioral, and educational principles that determine health behavior. Theoretical models synthesizing these principles are also examined. The course also presents ethical principles of professional and personal concern to health educators.

*Prerequisites:*

NURS538 Health Care Financing  
3 credits

*Course Description:* The course examines the development, implementation and management of financial and other resources in health services organizations. Nursing's role in productivity improvement, budgeting models, use of monitoring systems, and the impact of reimbursement systems and managed care on resource allocation are examined. Fiscal strategies for the nurse entrepreneur are also discussed.

*Prerequisites:*

CPH539 Concepts of Environmental and Occupational Health  
3 credits

*Course Description:* Basic knowledge and skills required to assess impacts of environmental health contaminants. Teaching format utilizes representative examples of environmental health problems. Each example will include assessment of environmental interactions, health effects, risk assessment, and control measures

*Prerequisites:*

CPH540 Policy, Organization and Financing of Health Care  
3 credits

*Course Description:* Course focus is on the manner in which health care in the United States is organized and administered as well as the forces which are influencing change in the structure and delivery of health services. Specific topics of analysis and discussion include: structure of the health care system, the providers, health care personnel, financing health care, planning, and evaluation.

*Prerequisites:*

NURS544 Child and Adolescent Development in Pediatric Nursing Practice  
3 credits

*Course Description:* This course will refine and advance knowledge of growth and development and apply it to clinical practice with children, adolescents and their families. Physical, psychological, linguistic, cognitive, emotional and moral theories and principles of growth and development will be studied and applied to nursing practice with children and adolescents.

*Prerequisites:*

NURS545 Illness and Disability in Childhood and Adolescence  
3 credits

*Course Description:* In development

*Prerequisites:*

NURS552 Understanding and Intervening in Common Mental Health Problems of Elders  
3 credits

*Course Description:* This course focuses on the most common affective and cognitive disorders affecting older adults. These common conditions include depression, dementia, loss, and coping with illness. Other mental health issues that affect the older population will also be covered, such as delirium, substance abuse, and the mental health needs of special populations such as those with schizophrenia and developmental disabilities. The theoretical and research base for mental health nursing interventions will be presented. Emphasis will be placed on helping the advanced practice nursing student to understand the specific dynamics of the older adult's mental health concerns and develop interventions or programs tailored to meet the needs of older individuals and their family members or caregivers across a variety of settings.

*Prerequisites:* Permission of instructor

NURS561 Curriculum and Instructional Design in Nursing  
3 credits

*Course Description:* This course emphasizes best practices in adult learning, drawing heavily on the model, Understanding by Design™, developed by Wiggins and McTigue. Key features of the model explored in this course include: developing students' understanding of enduring ideas, backward planning, and performance-based assessment to achieve program competencies. Other relevant models are explored and compared to the UBD model. The format will be two-day intensives, with online discussion and curriculum design activities throughout.

*Prerequisites:*

NURS562 Assessment and Learning in Nursing  
4 credits

*Course Description:* This course, the second in a series, has two foci. First it introduces approaches, processes, and tools that can be used to assess adult learning,

especially those that assess the student's ability to use his/her knowledge/skills in a practical situation. Second, it provides experience in planning constructivist, student-centered learning activities that are both engaging and effective in achieving desired student performance. Special topics include: design of performance assessment tasks, development of high-quality instructional rubrics to aid student learning, the use of portfolios, grading and reporting, and developing evidence of the achievement of nursing competencies. Introduction to the approaches, processes, and tools that can be used to assess adult learning. Emphasis is given to applications at the classroom, clinical and program levels and to practices that themselves contribute to adult learning. Special topics include design of rubrics (guidelines for scoring performance), use of portfolios, grading and reporting, monitoring attainment of competencies

*Prerequisites:*

NURS563 Simulation in Nursing Education

3 credits

*Course Description:* This course explores the complexities of implementing a simulation program, and how to integrate simulation into individualized courses and the curriculum. Students will be introduced to, and learn how to utilize a variety of simulation tools and techniques to enhance nursing education. A combination of highly interactive learning activities and techniques -including hands-on activities - will be used to develop individual competency in the understanding of simulation education as a teaching tool in nursing. Students will have the opportunity to experience and participate in realistic (high fidelity) simulation. Scenario development strategies and techniques will be introduced. Emphasis will be placed on simulations that include clinical judgment, teamwork, and interdisciplinary communication and resource management. Students will also learn concepts and skills associated with debriefing. The format will be two-day intensives with online discussion, hands-on simulation, and readings.

*Prerequisites:*

NURS564 Clinical Teaching

3 credits

*Course Description:* This course examines a variety of clinical teaching models. It emphasizes the design of clinical learning experiences, drawing on studies of the clinical laboratory, and the development of skill in clinical judgment. Students will be guided through the identification of key competencies, enduring understandings, and identification of relevant and predictable clinical learning opportunities in their practice settings. Issues in transforming clinical teaching models will be explored.

*Prerequisites:*

NURS571A Assessment, Diagnosis and Treatment in Advanced Psychiatric Mental Health Nursing: Child and Adolescent

3 credits

*Course Description:* This course focuses on advanced nursing practices of assessment, diagnosis, treatment planning, evaluation, and documentation regarding the common mental health problems and major psychiatric disorders of childhood and adolescence. Selected theoretical frameworks and the major psychiatric diagnostic criteria and taxonomy are reviewed as foundations for clinical decisions and diagnostic formulations. Clinical approaches and methods for assessing and conducting psychiatric evaluations of children and adolescents are introduced, with attention to cultural and systems perspectives. Students gain knowledge of standardized measurement tools, treatment guidelines, evidence-based treatments, and ongoing research in the field of child and adolescent psychiatry. Communication, education, and collaboration with the client's parents/guardians, family, school, support systems, and the interdisciplinary treatment team are emphasized.

NURS571B Assessment, Diagnosis and Treatment in Advanced Psychiatric Mental Health Nursing: Adult

3 credits

*Course Description:* This course focuses on advanced nursing practices of assessment, diagnosis, treatment planning, evaluation, and documentation of common mental health problems and the major psychiatric disorders of adulthood. Clinical approaches and methods for assessing and conducting psychiatric evaluations of adults are introduced, with attention to cultural and systems perspectives. Emphasis is placed on the use of the major psychiatric diagnostic taxonomy and criteria, standardized measurement tools, clinical consensus and evidence-based treatment guidelines, and ongoing research in the field. Communication, education, and collaboration with the client's formal and informal support systems and the interdisciplinary treatment team are also emphasized.

NURS572A Child and Family Therapy

3 credits

*Course Description:*

*Prerequisites:*

NURS572B Individual and Group Therapy with Adults

3 credits

*Course Description:*

*Prerequisites:*

NURS574A Psychopharmacology: Adults

4 credits

*Course Description:* This on line course examines the neurobiological basis for psychopharmacology and principles of pharmacotherapeutic decision-making for psychiatric mental health nurse practitioners. Students will analyze the research and clinical evidence for prescribing psychopharmacologic agents based on target symptoms, neurobiological circuits indicated for these symptoms, and practice guidelines using a case study format. Modules in this course include the prescription of psychopharmacologic agents in adult patients with depression, anxiety, and sleep disorders, as well as modules with a focus on comorbid depression and anxiety and the prescription of psychopharmacologic agents for children and adolescents with these disorders.

*Prerequisites:*

NURS574B Psychopharmacology: Children & Adolescents  
2 credits

*Course Description:* This on line course continues the examination of the neurobiological basis for psychopharmacology and principles of pharmacotherapeutic decision-making for psychiatric mental health nurse practitioners. Students will analyze the research and clinical evidence for prescribing psychopharmacologic agents based on target symptoms, neurobiological circuits indicated for these symptoms, and practice guidelines using a case study format. Modules in this course include the prescription of psychopharmacologic agents in patients with bipolar disorder, schizophrenia, and ADHD, as well as modules that focus on the treatment of substance abuse, the schizophrenia prodrome, and the prescription of psychopharmacologic agents for children and adolescents

*Prerequisites:*

NURS581 Nurse-Midwifery Management of the Intrapartum Period  
3 credits

*Course Description:* This course is a critical analysis and application of current theory, research, and knowledge relevant to the nurse-midwifery management of women's care in intrapartum period. The systematic evaluation of current nurse-midwifery management models and the analysis of factors which influence these models.

*Prerequisites:*

NURS582 Management of the Newborn  
3 credits

*Course Description:* A critical analysis and application of current research, theory and knowledge relevant to the nurse-midwifery/nurse practitioner management of the neonate.

*Prerequisites:*

NURS583 Foundations of Midwifery Care During the Reproductive Cycle  
2-4 credits

*Course Description:* This course focuses on the analysis of research, theory, models and standards that provide the foundation of midwifery care for women during the reproductive cycle. Physiologic, psychosocial and cultural aspects of women's health care are emphasized. Attention is given to the physiology of pregnancy, psychosocial development of the childbearing family, the historical development of health care and health care policy for childbearing women in the U.S., the history of midwifery and the ACNM, and the midwifery model of care.

*Prerequisites:*

NURS584 Antepartum & Postpartum Management  
2 or 4 credits

*Course Description:* This course focuses on the critical analysis and application of current theory, knowledge, and research relevant to the primary management of childbearing women and their families during the antepartum and postpartum periods. Particular attention is given to acquiring a thorough understanding of normal processes as well as identifying issues which define populations at greatest risk for adverse outcomes. Specific health care needs and beliefs of culturally diverse populations are addressed. Education and health promotion for the childbearing family are also emphasized.

*Prerequisites:* Nurs517 Health Assessment for APN; Nurs518 Reproductive Health Care Management; Nurs583 Foundation of maternal Care in Midwifery during the Reproductive Cycle (NMW)

NURS585 Primary Care for Nurse-Midwives  
4 credits

*Course Description:* This course is designed for graduate students in the nurse-midwifery specialty and focuses upon non-reproductive primary care management in the female population. Diagnostic reasoning is used to differentiate common problems. Management will focus upon minor, acute complaints with appropriate triage and referral of chronic or life-threatening illness. An evidence-based approach to primary care drawing upon theories, research, clinical knowledge and national standards will be used to develop therapeutic plans for common non-reproductive health problems of adolescent and adult women.

*Prerequisites:*

NURS588 Advanced Women's Health Care Management  
2 credits

*Course Description:* This didactic course focuses on the management of more complex gynecologic health problems of women seen in ambulatory care settings.

*Prerequisites:* Prerequisites: NURS518 Reproductive Health Care Management

NURS592 Advanced Primary Care Management  
3 credits

*Course Description:* This course focuses on management of increasingly complex and urgent health problems of individuals in primary care settings. The diagnostic reasoning process is applied to differentiate these health problems. The clinical decision-making processes are examined in relation to management of these problems. Evidence based care plans drawing upon theories, research, clinical knowledge and national standards are developed by students for complex and urgent health problems in primary care. Required for ANP, FNP, GNP, PNP, and WHCNP students.

*Prerequisites:*

NURS594A Pediatric Primary Care Management I  
2 credits

*Course Description:* This course focuses on health promotion and management of common health problems of infants through adolescents and their families. Physiologic, health behavior, developmental, family and psychological concepts and research appropriate to pediatric health care will be used to develop therapeutic plans of care for common health problems of children and their families. Diagnostic reasoning will be used to differentiate common problems. Required for FNP and PNP students.

*Prerequisites:*

NURS594B Pediatric Primary Care Management II:  
Common Health Problems  
2 credits

*Course Description:* This course focuses on management of common acute and chronic health problems of infants through adolescents and their families. Theories, research, and practice knowledge will be used to examine physiologic, health behavior, developmental, family, and psychological concepts appropriate to pediatric primary care. Required for FNP and PNP students.

*Prerequisites:*

NURS601 Research Practicum  
1-4 credits

*Course Description:* The research practicum provides the doctoral student with an opportunity to work with a faculty mentor on some aspect of the faculty member's research related to nursing care. This course may be repeated for credit.

*Prerequisites:* Prerequisites: Permission of instructor.

NURS603 Doctoral Dissertation  
1-9 credits

*Course Description:* May be taken any term.

*Prerequisites:*

NURS603 Doctoral Dissertation  
1-9 credits

*Course Description:* May be taken any term.

*Prerequisites:*

NURS605 Reading and Conference  
1-9 credits

*Course Description:*

*Prerequisites:*

CPH605 Reading and Conference  
1-3 credits

*Course Description:*

*Prerequisites:*

NURS607B Pre-Dissertation Seminar  
1 credits

*Course Description:* This doctoral seminar provides a forum for scholarly exchange to facilitate the synthesis and integration of doctoral course work and experience in the conduct of research. The emphasis is on the development of a dissertation research proposal. First-year students will have the opportunity to identify faculty mentors, to develop and refine specific aims, and to review the literature for drafting a background and significance section. Second- and third-year students will be able to refine their work from the first year and begin to develop the methods for their dissertation work. The seminar will provide all students with the opportunity for the review and critique of scholarly work in process.

*Prerequisites:*

NURS607D Dissertation Seminar  
1 credits

*Course Description:* The purpose of this seminar is to help the student to progress through the stages of dissertation work. Designed for doctoral candidates that have obtained approval of the dissertation proposal, the seminar will provide a forum for scholarly exchange and learning about the conduct of research. This seminar will compliment the student-advisor relationship

*Prerequisites:*

NURS607O Nursing Knowledge Seminar (Post-Baccalaureate PhD only)  
1 credits

*Course Description:* The focus of this course is on exploration of how knowledge is developed and related to selected core concepts in nursing care. Students build skills in information retrieval, synthesis and critique.

*Prerequisites:*

**NURS607P Clinical Application Experience (Post-Baccalaureate PhD only)**

3 credits

*Course Description:* This course uses students' clinical experience to examine and develop skills in the integration of nursing theory, practice and research in action. Students are given opportunities to explore and reflect on nursing practice issues and problems. The goal is to assist students to develop skills in using extant nursing knowledge, expert consultation and their own reflective capacities to analyze and integrate their nursing experiences. Students will complete 60 hours of clinical observation and participate in weekly seminars

*Prerequisites:*

**NURS610A Conceptualization in Nursing Research**

3 credits

*Course Description:* This course focuses on critical analysis of the concepts used in nursing research. Students analyze a concept of relevance to their research area from a variety of perspectives. Criteria for critique of the conceptual aspects of research are explored.

*Prerequisites:*

**NURS610B Research Design**

3 credits

*Course Description:* This course focuses on the major types of research designs and their application to nursing research. Alternative ways of studying questions of relevance to nursing practice will be explored

*Prerequisites:*

**NURS612A Nursing and Philosophy of Science I**

2 credits

*Course Description:* This course examines the systematic development of knowledge in nursing by considering multiple ways of knowing and the context for discovery of knowledge. Various means used to evaluate knowledge claims in the scientific community are analyzed. The course offers a review and critique of assumptions underlying major approaches to scientific inquiry and facilitates student analysis of their implications for the development of nursing knowledge

*Prerequisites:*

**NURS612B Nursing and Philosophy of Science II**

2 credits

*Course Description:* This course is the second in a two-quarter sequence, in which the systematic development of knowledge of nursing is examined. Epistemological, ontological and methodological assumptions of major inquiry paradigms are further explored. Controversial issues and questions in the development of nursing science will be identified and examined from the

perspective of selected inquiry paradigms. Prerequisite: NURS 612A

*Prerequisites:* Prerequisites: NURS612A Nursing and Philosophy of Science

**Nurs616A Qualitative Methods I**

3 credits

*Course Description:* This is an introductory course on qualitative research methods. Philosophical assumptions and theoretical perspectives underlying qualitative research methods will be explored. Specific content includes general methods of qualitative design, methodological rigor, and ethical concerns. An overview of various qualitative methodologies will be introduced.

*Prerequisites:* Nurs 616 Qualitative Methods for Nursing Science

**Nurs616B Qualitative Methods II**

3 credits

*Course Description:* In this advanced course on qualitative research methods, students will analyze specific modes of inquiry, including Grounded Theory, Phenomenology, Hermeneutics, Participatory Action Research, Narrative Analysis, Ethnography and Qualitative Description. Additional advanced content includes evaluating qualitative research and introducing contemporary issues related to qualitative research.

*Prerequisites:* Nurs 619A Qualitative Methods I

**NURS617A Statistics I**

3 credits

*Course Description:* In this course, students will learn to use inferential statistics to test research hypothesis. Particular emphasis is placed on testing research questions about group differences using t-tests, analysis of variance, and chi-square.

*Prerequisites:*

**NURS617B Statistics I I**

3 credits

*Course Description:* This course focuses on the principles of correlation and regression. The course is designed to provide the skills necessary to perform and interpret regression-related analyses and will introduce students to the approaches of regression, mediator and moderator models, logistic regression and discriminant analysis.

*Prerequisites:*

**NURS618 Advanced Measurement**

3 credits

*Course Description:* This course focuses on the testing aspects of measurement, with particular emphasis on factor analysis. The course is designed to provide the skills necessary to perform and interpret reliability and validity analyses, item analysis and factor analysis.

Students will be introduced to the types of reliability and validity, different approaches to factor analysis and an overview of confirmatory factor analysis. Students are required to have some background in basic measurement.

*Prerequisites:* Nurs610A/B Conceptualization, Design and Measurement and Nurs617A Statistics I and Nurs617B Statistics II

NURS620 Ethics in the Conduct of Research  
3 credits

*Course Description:* This core PhD course provides an overview of the issues in and theories behind ethically responsible conduct of research. It covers basic concepts in bioethics, historical background for current views of scientific misconduct (including difficult cases), and an understanding of what is considered ethically appropriate research today. The topics of informed consent will be covered as will specific issues in various types of research, including clinical trials and research with vulnerable populations. Preparing an informed consent form for the IRB and research integrity "nuts and bolts" will also be covered.

*Prerequisites:* Prerequisites: Doctoral or post-doctoral level

NURS625 Design and Analysis for Nursing  
Intervention Studies  
3 credits

*Course Description:* This course focuses on the development and conduct of nursing intervention studies. Experimental and quasi-experimental designs in nursing research and the analyses approaches that are commonly used with these designs are emphasized. Special attention will be given to the development and description of independent variables and the selection and measurement of dependent variables.

*Prerequisites:*

CPH633 Epidemiology Survey  
3 credits

*Course Description:* Basic epidemiologic principles applicable to infectious and non-infectious diseases, host-agent-environmental relationships, and theories of disease causation will be reviewed. Students will gain familiarity with epidemiologic tools such as incidence, prevalence, mortality, natality, and other rates and ratios. Data sources, program evaluation, screening evaluation, sources of bias, sampling methods, and basic study design types and characteristics will be covered.

*Prerequisites:*

NURS640 Symptom Management  
3 credits

*Course Description:* This purpose of this course is to review the conceptualization and research base

underlying symptom management research and practice. The course addresses current knowledge in symptom management, programs of research, research issues, translating research into practice, and emerging issues in symptom management. Students will analyze the state of the knowledge on a symptom or group of symptoms of interest and discuss strategies for addressing a gap in knowledge of symptom management issue.

*Prerequisites:*

NURS641 Physical Activity for the Prevention and Management Chronic Disease  
3 credits

*Course Description:* This seminar course focuses on the current theories and research on the role of physical activity for prevention and management of chronic disease. Students will gain an understanding of: 1) the diseases for which there is a definitive link between activity and disease prevention and/or management, including the mechanism of causation and the dose of activity necessary for change; and 2) the gaps in knowledge regarding such links for certain diseases that could lead to important research questions

*Prerequisites:*

NURS642 Special Topics: Cultural Perspectives  
3 credits

*Course Description:* In development

*Prerequisites:*

NURS643 Family Care Across the Lifespan  
3 credits

*Course Description:* Families have a central role in promoting health and preventing illness of members; they also provide most of the health and medical care received by ill family members in the community. As a society, we increasingly rely on families to provide care as a matter of health and social policy. Because of their central role, families are a prime determinant of the health of the population.

*Prerequisites:*

NURS644 Special Topics: Violence and Trauma  
3 credits

*Course Description:* Gender-based violence, or violence against women is a major public health and human rights problem throughout the world. The course provides the graduate students with the opportunity to critically identify and analyze gender-based violence and its impact on the physical, reproductive and sexual, and psychological health of the female survivor. The course includes theoretical approaches to the study of gender-based violence, determinants of gender-based violence, clinical manifestations of various forms of violence and culturally competent interventions at the individual, family and societal levels.

*Prerequisites:*

NURS650 Contemporary Policy Issues in Gerontology  
3 credits

*Course Description:* The focus of this course is on the critical analysis of contemporary policy issues in aging. An in-depth exploration of these issues will reveal potential research questions and discussions will elucidate the role of nursing research in answering complex questions about health services, delivery of residential services, financing, policy, and health disparities among older adults.

*Prerequisites:*

NURS651 Nursing Research: Independent Older Adults  
3 credits

*Course Description:* The focus of the course is the analysis and evaluation of research specific to the functional health of older adults and biological processes of aging. Major concepts include physiological changes with aging, mobility, energy balance, managing chronic illness and symptoms, maintaining health, caregiving, and other roles. Critical analysis of research will review topics and research-based interventions. Methodological issues and measurement appropriate for the study of independent older adults will be emphasized, including issues related to recruitment, retention, and response shift.

*Prerequisites:*

NURS652 Understanding and Intervening in Common Mental Health Problems of Elders  
3 credits

*Course Description:* This course focuses on the most common affective and cognitive disorders affecting older adults. These common conditions include depression, dementia, loss, and coping with illness. Other mental health issues that affect the older population will also be covered, such as delirium, substance abuse, and the mental health needs of special populations such as those with schizophrenia and developmental disabilities. The theoretical and research base for mental health nursing interventions will be presented. Emphasis will be placed on helping the advanced practice nursing student to understand the specific dynamics of the older adult's mental health concerns and develop interventions or programs tailored to meet the needs of older individuals and their family members or caregivers across a variety of settings.

*Prerequisites:* Prerequisites: Permission of instructor

NURS653 Nursing Research: Older Adults Needing Assistance  
3 credits

*Course Description:* The focus of the course is the analysis and evaluation of research specific to the health and well being of older adults who need help to maintain activities of daily living.

Major concepts include biological and behavioral changes associated with acute illness, dementia, frailty, residence in care facilities, and need for community-based long term care. Critical analysis of research will review topics and research-based interventions. Methodological issues and measurement appropriate for the study of frail older adults will be emphasized, including ethical issues related to recruitment, retention, and proxy data.

*Prerequisites:*

NURS654 Health Disparities  
3 credits

*Course Description:* This course will critically examine research methods for the study of health disparities with culturally diverse and/or underserved individuals and families. The conceptualization and measurement of variables representing risk and disparities in individual and family research will be given particular attention, including: gender, sexual orientation, race and ethnicity, income and education, disability, and geographic location. Research methods will be examined for their biases and for their ethical, policy, and funding consequences to individuals and families experiencing health disparities. Strategies to increase the research involvement and inclusion of individuals and families experiencing social and health disparities will be included.

*Prerequisites:*

NURS656 Theoretical Perspectives for Research in Nursing  
3 credits

*Course Description:* This course focuses on the analysis of selected theoretical and conceptual perspectives for framing nursing research. These may include but will not be limited to: General Systems Approach, Symbolic Interaction, Ecological Perspective, Stress and Coping, Life Course Perspective, Social Conflict Theories, and Feminist Theories. Theoretical contributions from Developmental Psychology, Social-Cognitive-Behavioral Psychology, and Biosocial Perspectives will be explored. Their implications for nursing research and theory development will be examined.

*Prerequisites:*

NURS657 Synthesis of Nursing Literature  
3 credits

*Course Description:* This course focuses on analytic strategies, primarily meta-analysis, used to interpret the literature and inform nursing research and practice. This doctoral-level course focuses on interpreting

information for the development of application criteria and intervention guidelines within a specialty area of practice or population at risk.

*Prerequisites:*

NURS661 Curriculum and Instructional Design in Nursing  
3 credits

*Course Description:* This course emphasizes best practices in adult learning, drawing heavily on the model, Understanding by Design™, developed by Wiggins and McTigue. Key features of the model explored in this course include: developing students' understanding of enduring ideas, backward planning, and performance-based assessment to achieve program competencies. Other relevant models are explored and compared to the UBD model. The format will be two-day intensives, with online discussion and curriculum design activities throughout.

*Prerequisites:*

NURS662 Assessment of Learning in Nursing  
3 credits

*Course Description:* This course, the second in a series, has two foci. First it introduces approaches, processes, and tools that can be used to assess adult learning,

especially those that assess the student's ability to use his/her knowledge/skills in a practical situation. Second, it provides experience in planning constructivist, student-centered learning activities that are both engaging and effective in achieving desired student performance. Special topics include: design of performance assessment tasks, development of high-quality instructional rubrics to aid student learning, the use of portfolios, grading and reporting, and developing evidence of the achievement of nursing competencies.

*Prerequisites:*

NURS664 Clinical Teaching  
3 credits

*Course Description:* This course examines a variety of clinical teaching models. It emphasizes the design of clinical learning experiences, drawing on studies of the clinical laboratory, and the development of skill in clinical judgment. Students will be guided through the identification of key competencies, enduring understandings, and identification of relevant and predictable clinical learning opportunities in their practice settings. Issues in transforming clinical teaching models will be explored.

*Prerequisites:*