

## NURSING

*Head of the School:* Professor Moffett

*Professors:* Bond, Booth, Carruth, Hyde, Lund, Meeker

*Associate Professors:* Hill, Holland, Logan, Prestholdt, Pryor

*Assistant Professors:* Bradford, Guy, Lacour, Maynor, Moody, Plaisance, Rolling, Tackney, Urick

*Instructors:* Billings, Brown, Burke, Cormier, Hart, Hathorn, Kessler, Macmurdo, Noto, Sealey, Sengupta, Tillman, Vidrine, Wafer

### NURSING (NURS)

**206. Integrating Spiritual Care into Nursing Practice.** Credit 2 hours. Focuses on integrating spiritual care into nursing practice. The course emphasizes the nursing process as a framework for assessing, planning, implementing, and evaluating spiritual care. The course emphasizes working with clients from a variety of cultures and religions to better understand, communicate, and support spiritual care. The course explores strategies for promoting the spiritual health of clients through facilitating rituals, religious practices, and nurturing spirituality through verbal and written communication, art and other forms of creative expression.

**213. First Aid for Rural Medical Emergencies(F.A.R.M.E.).** Credit 3 hours. The course emphasizes the training and education of students to appropriately teach community members risk factor recognition, first responder care, and injury prevention of rural and/or farm-related injuries, with emphasis on application of C.A.R.E. Model for emergency response.

**214. Medical Terminology.** Credit 3 hours. Focuses on the meaning of medical terms in specific context and their use in health related practice. Provides a base upon which to build a larger vocabulary.

**215. Death, Dying and the Grieving Process.** Credit 3 hours. Prerequisite: Permission of the Dean. The course focuses on identifying the student's feelings about death and about caring for terminally ill individuals. It explores ways of coping with feelings experienced by persons caring for dying patients. The student would explore approaches to be used in assisting individuals to a peaceful death as well as assisting families of dying patients. Three hours class a week.

**221. Orientation to professional nursing.** Credit 2 hours. Focuses on socializing students to the discipline of nursing. Provides an overview of the mission of the School of Nursing, organizing concepts and desired outcomes of the baccalaureate nursing program. Explores theories of nursing which serve as models for nursing practice. Describes the dimensions of the professional role as a caregiver, an advocate, a manager, and a researcher in community-based settings. Assists students in examining personal values and career goals and in developing an appreciation for persons with varying cultural backgrounds within the context of the professional nurse role.

**222. Health Assessment of the Individual.** Credit 2 hours. Prerequisite: Formal acceptance for progression in nursing curriculum and concurrent enrollment in or prior credit for Nursing 224 and 232. Focuses on skills necessary to assess the individual as a multidimensional, balanced expression of bio-psycho-social-cultural-spiritual well-being. Emphasizes theory-based approaches and techniques for data collection from persons across the life span.

**224. Health Assessment of the Individual Lab.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 222 and 232. Develops assessment skills using theory based approaches and techniques for data collection from persons across the life span. Three hours laboratory a week.

**226. Health Assessment of Families/Groups/Communities.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 228 and 232. Focuses on families and communities as clients. Provides learning opportunities which will enable the student to view persons as members of large social systems.

**228. Health Assessment of Families/Groups/Communities Lab.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 226 and 232. Using recognized community and family assessment tools the student will gather and analyze data leading to recognition of population focused problems and their impact on individual, family and community. Three hours laboratory a week.

**231. Pathophysiology and Pharmacology I.** Credit 3 hours. Prerequisites: Zoology 250, 251, and Chemistry 101 or permission of the Department Head. Introduces the basics of pharmacology, and focuses on specific pharmacological agents in relation to pharmacokinetic effects on body systems. Also examines related pathophysiological disruptions to normal system functioning and the impact of these alterations on the individual. Builds on the student's understanding of the biological sciences that contribute to the scientific basis for professional nurses' use of the nursing process.

**232. Clinical Practice Competency Lab I.** Credit 1 hour. Concurrent enrollment in or prior credit for Nursing 222, 224, 226 & 228. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor and affective skills necessary for therapeutic interventions to promote, maintain and restore health of individuals. Three hours laboratory a week.

**233. Introduction to Pharmacology.** Credit 3 hours. Prerequisites: Zoology 250, 251, Chemistry 101 or 121, or permission of the Dean. Introduces principles of drug therapy for individuals across the life span. Focuses on pharmacological agents in relation to pharmacokinetic effects on body systems and therapeutic usage.

**234. Professional Development Transition.** Credit 4 hours. Focuses on socializing the Licensed Practical Nurse to the discipline of nursing. Introduces concepts that are essential in developing characteristic behaviors of professional nurses. Stresses the role of the professional nurse as an advocate in ethical, legal, and political health care trends.

**300. Topics in Nursing.** Credit 3 hours. May be repeated once for a maximum of six credit hours if different topics are studied. Prerequisite: Completion of all 200 level required nursing courses, Registered Nurse status or permission of the Dean. The study of selected issues in Nursing. Topics will be determined each semester based on current issues and trends in nursing. Three hours class a week.

**304. Healthcare Informatics.** Credit 3 hours. Prerequisites: Junior level standing in nursing major curriculum or permission of the Dean. An online instructional offering that allows students to develop and evaluate applications, tools, processes, and structures which assist nurses with the management of data in taking care of patients and supports the practice of professional nursing.

**306. Camp Nursing.** Credit 1 hour. Prerequisites: Open to all nursing students or permission of the instructor. Provides an overview of the role of the nurse, scope of practice, and health issues in camp settings. Explores the diversity

of camp opportunities for nursing practice. Assists students in identifying nursing skills needed for implementing nursing interventions.

**313. Study of Human Diseases.** Credit 3 hours. Prerequisites: GBIO151, BIOL 152, ZOO 250/252, ZOO 251/253, HS 132 or 133. The course builds upon a student's understanding of human anatomy and integrates the study of human disease with focus on the risk factors, clinical manifestations, pathology, and prevention. Common disease states in the adult population will be studied. The intent of the course is to prepare health educators to identify, screen, and teach populations at risk.

**331. Pathophysiology and Pharmacology II.** Credit 3 hours. Prerequisites: Completion of all 200-level Nursing courses. Examines selected disease processes and related drug treatment modalities. Builds on the student's understanding of the principles of pharmacology, Pathophysiology and Pharmacology I, the nursing process, and the biological sciences.

**360. Health and Illness Among Ethnic Minorities.** Credit 3 hours. Focus is on the beliefs, values, and behaviors of selected ethnic cultures and how these affect health care needs across the life span. Three hours class a week.

**370. Pharmacology II.** Credit 3 hours. Prerequisite: All 200 level courses or Registered Nurses. Examines advanced pharmacological concepts and current trends and their related nursing implications. Three hours class a week.

**371. Foundations of Nursing Practice.** Credit 2 hours. Prerequisites: Completion of all required 200 level courses with a C or better in Nursing 222 and 231. Explores the nursing process as a problem-solving tool utilized in communicating, gathering data, interpreting evidence, analyzing viewpoints, and forming judgments in clinical situations. Provides scientific principles as the framework for selecting appropriate nursing intervention strategies. Emphasizes the centrality of critical thinking to clinical reasoning.

**372. Adult Health Nursing.** Credit 2 hours. Prerequisites: Nursing 331, 371, 373, 381. Concurrent enrollment in or prior credit for Nursing 374 and 380 encouraged, but not required. Focuses on the nursing care of young and middle aged adults to promote, maintain, and restore health. Emphasizes the nursing process to examine biological, psychosocial, and cultural influences on health-care needs of individuals, families, and groups in a community. Focuses on collaboration of the client, the client's family, and health care providers in community based settings.

**373. Foundations of Nursing Practice Lab.** Credit 3 hours. Prerequisite: Completion of all 200 level courses with a C or better in Nursing 222, 224, 228, and 231 and concurrent enrollment in or prior credit for Nursing 331, 371, and 381. Utilizes the nursing process to communicate, gather data, interpret evidence, analyze view points, and form judgments in clinical situations. Nine hours laboratory a week.

**375. Gerontological Nursing.** Credit 2 hours. Prerequisite: Nursing 331, 371, 373, and 381. Concurrent enrollment in Nursing 377 and 380 encouraged, but not required. Focuses on therapeutic nursing interventions used to promote, maintain and restore health in elderly clients. Provides students with an opportunity to expand their knowledge of the normal aging process; to identify variables contributing to deviations in health; to discuss how available formal and informal resources contribute to the elderly person's health status; and to examine implications for working collaboratively with the individual, family, and community to meet health care needs.

**376. Professional Role: Advocate.** Credit 2 hours. Prerequisite: Completion of all 200 level Nursing courses or permission of the Dean. Focuses on the role of the professional nurse as an advocate for the client of varying age groups. Emphasis on the following concepts: social policy, nurse practice act, standards of care, values, standards of professional performance, ethics, legalities, and cultural diversity.

**378. Research in Nursing.** Credit 2 hours. Prerequisite: Completion of all 200 level Nursing courses or permission of the Dean. Focuses on the history, terminology, and the process of nursing research. Emphasis on nursing research as a basis for nursing practice. Students will formulate research questions relevant to clinical nursing practice and critique nursing research findings.

**380. Competency for Clinical Practice III Lab.** Credit 1 hour. Prerequisite: Nursing 381 and concurrent enrollment or prior credit for Nursing 372 and 375. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, communication, and therapeutic interventions necessary for health promotion, maintenance, and restoration of individuals, families/groups in a community. Provides opportunities to develop and refine clinical practice skills for young, middle aged, and elderly adults. Three hours laboratory a week.

**381. Clinical Practice Competency II Lab.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 371 and 373. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, communication and therapeutic interventions necessary for health promotion, maintenance, and restoration of individuals, families/groups in a community. Provides opportunities to develop and refine clinical practice skills. Three hours laboratory a week.

**382. Adult and Gerontological Nursing Lab.** Credit 6 hours. Prerequisites: Nursing 331, 371, 373, 376, 378, 381, and concurrent enrollment in or prior credit for Nursing 372, 375, 383, and 380, or permission of the Department Head. Adult and Gerontological Nursing focuses on the clinical application of the nursing process to promote, maintain, and restore health in young, middle aged, and elderly adult clients with a variety of health care needs. This course provides clinical experiences in acute and community settings, enabling students to develop critical thinking decision making, and communication skills. Eighteen hours of laboratory a week.

**383. Psychiatric Mental Health Nursing.** Credit 2 hours. Prerequisites: Completion of Nursing 371, 373, 331, 376, 378, or permission of the Department Head. The focus of this course is on the acquisition of knowledge necessary to meet the standards of Psychiatric/Mental Health Nursing practice in the care of patients across the life span. It also provides students the opportunity to develop a foundation for clinical decision making which encompasses significant nursing interventions in providing developmentally appropriate and culturally relevant psychiatric/mental health nursing care.

**384. Pain Management in Diverse Populations.** Credit 3 hours. Prerequisites: Completion of all 200 level courses, RN status or permission of the Dean. This course focuses on the existence and scope of suffering that is caused by various types of pain. Standards of client care in the clinical management of pain will be introduced. The physiology, causes, measurement and treatment of pain will be discussed. Pharmacological and non-pharmacological treatment of pain, including invasive and non-invasive measures, and multi-disciplinary management will be addressed. The management of pain in special populations will be emphasized.

**390. NCLEX-RN Review Course.** Credit 3 hours. Prerequisites: NLAB 473 and 477 or Permission of the Dean. Facilities review of systems, synthesis, of knowledge, and application of standards of care in nursing practice. Emphasis is placed on the framework of client needs as selected for the NCLEX-RN exam. Client needs provide universal structure for defining nursing actions and competencies across all setting for all clients.

**428/528. The Management of Health Services Organizations.** Credit 3 hours. Prerequisite: Graduate level standing or permission of the Dean. Examines management concepts, principles, and function in relation to managerial roles, health services organizations (HSOs) and delivery systems issues. Designed for students engaged in formal study in a health care or management area or for current managers who wish to supplement their experience of managing health services organizations. An additional research assignment is required for graduate students.

**451/561. International Nursing: Roles and Issues.** Credit 3 hours. Prerequisite: Completion of all 300 level courses. Focuses on recognition of professional nursing roles and healthcare issues in countries worldwide. Topics include the impact of international and governmental developments upon healthcare systems, healthcare consumers, and professional nurses' practice environments. Three classroom hours per week.

**471. Nursing Care of the Childbearing Family.** Credit 2 hours. Prerequisite: Completion of all 300 level nursing courses. Concurrent enrollment in Nursing 473 and 481 encouraged, but not required. Focuses on the care of families during the childbearing and newborn age. Enables students to provide nursing care to the childbearing family during the antepartal, intrapartal, postpartal, and newborn periods. Content reflects both normal and high risk care related to reproduction. Emphasizes the use of the nursing process, concepts of individual, environment, and health as they pertain to the care of the family.

**473. Nursing Care of the Childbearing Family Lab.** Credit 3 hours. Prerequisite: Completion of all required 300 level Nursing courses and concurrent enrollment in or prior credit for Nursing 471 and 481. Provides clinical practice opportunities to synthesize nursing knowledge, evaluate use of the nursing process, and reflect on learning experiences during the care of childbearing families and newborn infants. Focuses on therapeutic nursing interventions to promote, maintain, and restore families health during the childbearing period. Provides activities for students to further develop critical thinking skills and decision making skills, and communication skills. Includes learning experiences in a variety of community based settings. Nine hours laboratory a week.

**475. Nursing Care of Infants, Children, and Adolescents.** Credit 2 hours. Prerequisite: Completion of all 300 level Nursing courses. Concurrent enrollment in or prior credit for Nursing 477 and 481 encouraged, but not required. Focuses on the nursing care of infants, children, and adolescents to promote, maintain, and restore health. Synthesizes knowledge of child development and family dynamics to examine the biological and psycho-social parameters, legal and ethical dimensions, resources, and cultural influences affecting nursing care strategies for infants, children and adolescents.

**477. Nursing Care of Infants, Children, and Adolescents Lab.** Credit 3 hours. Prerequisite: Completion of all required 300 level Nursing courses and concurrent enrollment in or prior credit for Nursing 475 and 481. Provides clinical practice opportunities to synthesize nursing knowledge, evaluate use of nursing process, and reflect on learning experiences during the care of infants, children, and adolescents. Focuses on therapeutic nursing interventions to promote maintain, and restore health. Provides activities for students to further develop critical thinking skills, decision making skills, and communication skills. Includes clinical learning experiences in a variety of community based settings. Nine laboratory hours a week.

**479. Professional Nurse Role: Manager.** Credit 2 hours. Prerequisite: Completion of all 300 Nursing courses. Focuses on the knowledge and skills related to the delivery of health services with a nursing management context to provide the student an understanding of the knowledge base for the professional nurse. Presents theories, concepts, and models of health care delivery. Students explore creative roles for managing and leading in nursing. Provides students theoretical knowledge and skills to understand organizations, identify leadership theories, and utilize critical thinking in reaching nursing management decisions.

**481. Competency for Clinical Practice IV Lab.** Credit 1 hour. Prerequisite: Completion of all 300 level nursing courses. Concurrent enrollment in or prior credit for Nursing 471 and 475. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, communication, and therapeutic interventions necessary for health promotion, maintenance, and restoration of individuals, families/groups in a community. Provides opportunities to develop and refine clinical practice skills for newborns, infants, children, adolescents, and childbearing families. Three laboratory hours a week.

**482. Promoting a Healthy Community.** Credit 1 hour. Prerequisite: Nursing 471, 473, 475, 477, 479, 481 and concurrent enrollment in or prior credit for Nursing 484. Focuses on the caregiver/manager role of the professional nurse in the community with emphasis on developing, implementing, and evaluating interventions of target populations within the community. Focuses on health promotion, health maintenance, and health restoration for aggregates, populations at risk, and the community as a whole.

**485. Professional Nursing: Transition and Trends.** Credit 1 hour. Prerequisites: Final semester or permission of the Dean. Facilities transitions from the student role to that of a beginning professional nurse. Emphasizes key elements needed by the beginning professional nurse in order to assume an effective role in delivering quality care. Students formulate a personal philosophy of nursing and determine their commitment to the nursing profession in a seminar learning setting.

**486/586. Entrepreneurship in Nursing.** Credit 3 hours. Prerequisite: Junior standing or permission of the Dean. A practical approach for nurses to develop entrepreneurial skills that foster holistic patient care. Presents business opportunities in the changing health care reform era and introduces marketing skills, conflict resolution, financial and legal issues. Three hours of lecture per week.

**487. Advanced Concepts in Nursing Practice.** Credit 2 hours. Prerequisites: Nursing 471, 473, 475, 477, 479, 481, and concurrent enrollment or prior credit for 489. Provides the student with opportunities to synthesize nursing knowledge with complex patient healthcare situations. Emphasizes principles of management of: Multidimensional patient problems, quality improvement, health care economics, evidence-based practice, professional competency, and accountability.

**488. Promoting a Healthy Community Lab.** Credit 1 hour. Prerequisites: Nursing 471, 473, 475, 477, 481, and concurrent enrollment in or prior credit for Nursing 482. Focuses on developing, implementing, and evaluating, therapeutic interventions for the community as the target population. Uses the nursing process within the community

context informed by epidemiological trends, socio-cultural characteristics, political and legislative influences. Examines organizational programs, environmental factors, and consumer input. Enables students to conduct a focused assessment, in partnership with the community, to develop, implement, and evaluate a program to meet an identified community health need. Three hours of laboratory a week.

**489. Advanced Concepts in Nursing Practice Lab.** Credit 5 hours. Prerequisites: Nursing 471, 473, 475, 477, 479, 481 and concurrent enrollment in or prior credit for Nursing 487. Provides opportunities to synthesize nursing knowledge, apply appropriate nursing interventions, and evaluate the use of each phase of the nursing process. Prepares students to function effectively and efficiently as professional nurses in entry level manager and caregiver roles. Fifteen hours of laboratory a week.

**600. Theoretical Foundations of Advanced Nursing.** Credit 3 hours. A systematic examination of the concepts of nursing, human beings, and health that underlie advanced nursing practice in various health care settings. Includes an analysis of major theories of nursing, the nature and use of theory, the process of theory construction, and the implications of theoretical formulations for advanced nursing practice.

**602. Design and Methodology of Nursing Research.** Credit 3 hours. Prerequisite: Nursing 600. Overview presenting the logic, methods, and techniques of scientific research. Emphasis will be placed on design decisions, psychometrics, statistical analysis, and computerized data analysis. Students will design a research proposal applicable to nursing.

**604. Issues in Advanced Nursing Practice.** Credit 3 hours. An analysis of current issues confronting advanced nursing with discussion of strategies to influence health care providers.

**606. Health Assessment and Diagnostic Reasoning.** Credit 1 hour. Prerequisite: Concurrent enrollment or completion of NURS 616. Clinical practicum for application of advanced knowledge and clinical skills related to health assessment and development of individuals in groups and communities throughout the life cycle. Four hours practicum per week.

**609. Population-Based Primary Care.** Credit 3 hours. Prerequisites: Concurrent enrollment or completion of NURS 600. Analysis and synthesis of major theoretical, empirical, and clinical foundations of population-based primary health care. Populations-at-risk in culturally diverse community settings are examined with an emphasis on building advanced practice nursing competencies to assess and address unmet primary care and health service needs. Focus is also placed on epidemiological techniques for community assessment and program planning, implementation, and evaluation.

**610. Nursing Administration I: Management Theories and Concepts.** Credit 3 hours. Prerequisites: Nursing 600 and 602. The advanced practice nurse functioning in an administrative role will be prepared to function in a variety of single and multiorganizational models and structures and will be able to effectively manage a diverse and multicultural work force. The course will provide an overview of managerial strategies which promote organizational effectiveness in a cost-effective, quality driven health care market. This course will focus on the overall responsibility of the nursing administrator for acquisition and deployment of resources to support the health care of individuals and aggregates.

**611. Nursing Administration II: Leadership and Strategies.** Credit 3 hours. Prerequisites: Nursing 600, 602, and 610. Development of the leadership role through application of the concepts of power, authority, influence, and motivation. Utilization of management theories in the development of nurse manager practice. Implementation of planned change in the clinical setting. 1 hour class and 8 practicum hours per week.

**616. Health Assessment and Diagnostic Reasoning for Advanced Nursing Practice.** Credit 3 hours. Prerequisite: Concurrent enrollment in NURS 606. The didactic focus is on diagnostic reasoning models utilizing knowledge of advanced health assessment and human growth and development throughout the life cycle. Concentration is on selected theories, principles, and techniques from the physical and behavioral sciences essential to obtaining a physical and psychosocial patient data base for applying diagnostic processes

**617. Pharmacotherapeutics for Advanced Nursing Practice.** Credit 3 hours. Focuses on the application of advanced knowledge of pharmacotherapeutics in relation to management of client health needs across the life span. Appropriate natural/alternative health care and pharmacological therapeutics are included with emphasis on educative management strategies and expected outcomes.

**618. Pathophysiology for Advanced Nursing Practice.** Credit 3 hours. Focuses on common diseases and pathology found in individuals in all age groups. Physiology and psychosocial influences are used as a basis for examining mechanisms of selected disease states. Nursing care is emphasized in terms of early disease detection, illness management, and complication prevention. Relevant research and laboratory data is integrated throughout the course.

**619. Foundations of Community-Based Primary Care Nursing.** Credit 3 hours. Prerequisite: The Master of Science in Nursing. Analysis and synthesis of major theoretical, empirical, and clinical foundations of community psychosocial nursing practice. Focus is placed on the concept of population-based primary health care. Populations-at-risk in culturally diverse community settings are examined with an emphasis on building competencies to address unmet psychosocial health needs. Community psychosocial therapeutic nursing interventions through assessment, counseling, and case management of individuals experiencing stress and/or ineffective coping are designed to reduce stress, promote health, and prevent disease. Health counseling and case management interventions within integrated primary care systems are applied in supervised practice. (2 hours seminar; 6 hours practicum per week)

**620. Community Psychosocial Nursing I: Population-based Foundations.** Credit 3 hours. Prerequisite: Nursing 600 or concurrent enrollment. Analysis and synthesis of major theoretical, empirical, and clinical foundations of community psychosocial nursing practice. Focus is placed on the concept of population-based primary health care. Populations-at-risk in culturally diverse community settings are examined with an emphasis on building competence to address unmet psychosocial health needs.

**621. Community Psychosocial Nursing II: Managing Individuals in Primary Care.** Credit 3 hours. Prerequisite: Nursing 620. Theoretical and experiential basis for community psychosocial through assessment, counseling, and case management of individuals experiencing stress and/or ineffective coping. Emphasis is placed on therapeutic nursing interventions designed to reduce stress, promote health, and prevent disease. Health counseling and case management interventions within integrated primary care systems are applied in supervised practice. (2 hours class, 4 hours practicum per week).

**622. Community Psychosocial Nursing III: Managing Families and Aggregates in Primary Care.** Credit 3 hours. Prerequisites: Nursing 620 and Nursing 621. Integration of the major psychological, sociological, cultural and bio-

ecological determinants of health and related psychosocial nursing strategies in relation to families as members of communities. Emphasis is placed on managing families in primary care settings through advanced practice nursing roles as practitioner/clinician, educator, consultant, collaborator, change agent, and case manager. Focus is also placed on community assessment, program planning, program implementation and program evaluation. (2 hours class, 4 hours practicum per week).

**624. Independent Study.** Credit 1-3 hours. Prerequisite: Graduate standing and permission of faculty. Student works with faculty on a one-to-one basis to advance specialized knowledge and competence related to an approved area of nursing research, practice, or professional certification.

**628. The Nurse Practitioner Caring for Children, Adolescents, and Teens.** Credit 2 hours. Prerequisite: The Master of Science in Nursing. Integration of the major physiological, psychosocial, cultural and bio-ecological determinants of physical and emotional health in relation to children, adolescents and teenagers as members of families and/or aggregates. Emphasis is placed on meeting health needs in primary care settings utilizing advanced practice nursing roles. One class hour and four practicum hours per week.

**629. The Nurse Practitioner in Women's Health.** Credit 2 hours. Prerequisite: The Master of Science in Nursing. Integration of the major physiological, psychosocial, cultural and bio-ecological determinants of physical and emotional health in relation to women as members of families and/or aggregates. Emphasis is placed on women's needs in primary care settings utilizing advanced practice nursing roles. One class hour and four practicum hours per week.

**630. Special Topics in Advanced Nursing Practice.** Credit 3 hours. Prerequisite: Graduate standing. A seminar course focusing on selected issues in advanced nursing practice. This course may be repeated once for a total of six credit hours if different topics are studied.

**633. Leadership and Management in Nursing Education.** Credit 3 hours. Foundational course on leadership and management of academic programs. Examines the nature of contemporary nursing education programs in institutions of higher education.

**634. Nursing Education Concepts and Foundations.** Credit 3 hours. Foundational course on nursing concepts and education theories that relate to nursing education. Examines the nature of contemporary nursing education.

**635. Curriculum and Evaluation in Nursing Education.** Credit 3 hours. Prerequisite: Nursing 634. Analysis and synthesis of theories and concepts related to curriculum development and evaluation in nursing. Emphasis is on institutional purposes, goals, curriculum design, program evaluation, and nursing research in both academic and staff development settings. Introduces curriculum development process and factors influencing curriculum development, implementation, and evaluation.

**636. Instructional Design in Nursing Education.** Credit 3 hours. Prerequisite: Registration or prior credit for Nursing 635. Analysis and synthesis of theories and concepts related to instructional design for nursing education and practice. Introduces instructional design methods appropriate to academic/ practice settings, including undergraduate teaching, nursing staff development, and continuing education.

**637. Nursing Education Practicum.** Credit 3 hours. Prerequisites: Nursing 634, 635, and 636. Application of nursing education concepts to teaching through selected mentored academic/practice situations. Two hours class and 5 practicum hours per week.

**638. Advanced Clinical Concepts in Nursing Practice.** Credit 3 hours. Prerequisites: Nursing 600 and 602. Development of advanced clinical nursing competencies in a specified clinical practice specialty. Fifteen practicum hours per week.

**639. Advanced Nursing Education Practicum.** Credit 4 hours. Prerequisites: Nursing 637 and 638. Implementation of the nurse educator role in selected mentored client care environments. One hour class and 15 practicum hours per week.

**642. Advanced Practice Nursing: Adult Psychiatric/Mental Health I.** Credit 4 hours. Prerequisites: Nursing 600, 602, 604, 606, 616, 617, and 618. Registration for or prior credit for Nursing 609. Overview of major theoretical, empirical, and clinical foundations for advanced practice in Psychiatric/Mental Health Nursing. Addresses basic psychotherapeutic process, interventions, and modalities with focus on risk-analysis and clinical management of clients in vulnerable populations. Three hours class and 8 hours practicum per week.

**643. Advanced Practice Nursing: Adult Psychiatric/Mental Health II.** Credit 4 hours. Prerequisite: Nursing 642. Addresses advanced Psychiatric/Mental Health Nursing interventions and role-related competencies with focus on clinical management, clinical practice in advanced Psychiatric/Mental Health Nursing under supervision of approved preceptors. Three hours class and 9.3 practicum hours per week (if CNS) or 16 practicum hours per week (if NP).

**664. Advanced Practice Nursing: Gerontology I.** Credit 4 hours. Prerequisites: Nursing 600, 602, 604, 606, 616, 617, and 618. Registration or prior credit for Nursing 609. Advanced practice foundational course in gerontological nursing. Focus is on synthesis of theoretical, scientific, and contemporary knowledge for the assessment diagnosis, and planning of both health and illness states. Three hours class and 8 practicum hours per week.

**665. Advanced Practice Nursing: Gerontology II:** Credit 4 hours. Prerequisite: Nursing 664. Focuses on synthesis of theoretical, scientific and contemporary clinical knowledge for the management, implementation, and evaluation of both health and illness states in the older adult in multiple settings. Three hours class and 9.3 practicum hours per week (if CNS) or 16 practicum hours per week (if NP).

**676. Advanced Practice Nursing: Adult Health I.** Credit 4 hours. Prerequisites: Nursing 600, 602, 604, 606, 616, 617 and 618. Registration or prior credit for Nursing 609. Course is designed to provide students with content to develop entry-level competencies for adult health practitioners caring for adolescents and young, middle and older adults from within the constellation of the family system. Focus of the course is on selected units of study including office emergencies, disorders of the eye, ear, nose and throat, common communicable diseases, respiratory and cardiovascular disorders, and women's health. Three hours class and 8 practicum hours per week.

**677. Advanced Practice Nursing: Adult Health II.** Credit 4 hours. Prerequisite: Nursing 676. Course is designed to provide adult health practitioner students with entry-level competencies caring for adolescents and young, middle and older adults from within the constellation of the family system. Focus of the course is on selected units of study including genitourinary, gastrointestinal, neurological, musculoskeletal, hematological, endocrine, integument, and psychological disorders. Three hours class and 9.3 practicum hours per week (if CNS) or 16 practicum hours per week (if NP).

**678. Advanced Practice Nursing Practicum.** Credit 6 hours. Prerequisites: Nursing 643 or 665 or 677. Practicum is designed to provide content to develop students with entry-level competencies for advanced practice nursing. Focus of the seminar discussions and clinical experiences is on developing advanced nursing competencies. One hour class and 16 practicum hours per week.

**696. Clinical Research Project.** Credit 3 hours. Prerequisites: Nursing 602 and a majority of clinical coursework completed. An independent research project under the supervision of a graduate faculty member that employs the scientific process in analyzing a clinical problem or issue relative to advanced practice nursing. Emphasis is on a project that has tangible application to the practice setting. Prior approval of the research topic by the faculty of record must be obtained prior to registration for the course. One class hour and eight practicum hours per week.

**699. Thesis.** Credit 1-6 hours each semester, with six hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. Independent study of a selected topic in nursing requiring a written proposal, data collection and analyses, and resulting in a written thesis under the guidance of graduate nursing faculty. An oral defense of thesis is required.