

## **University of Miami Bulletin, 2009 – 2010 Graduate Course Listing**

**\* 500 level courses appear in both the undergraduate and graduate course listing and may be considered undergraduate or graduate at the discretion of the department. Prerequisites, co-requisites and other course requirements are subject to change.**

**University of Miami Bulletin, 2009-2010**  
**Graduate Course Listing**  
**SCHOOL OF NURSING & HEALTH STUDIES**  
**HEALTH STUDIES**

**HST536 U.S. Health Care Crisis: Politics and Policies**

*3 credits*

*Spring Semester*

This course will explore key health policy issues within the U.S., along with the politics and interest groups which shape them. Fundamental concerns within the health care system such as: cost, quality and access to care will be analyzed. Major topics of discussion will include: Medicare, Medicaid, private insurance, the nursing shortage, and prescription drugs. The politics and policies surrounding issues such as bioethics, globalization, and infectious disease will also be considered.

**HST545 Research Project Management**

*3 credits*

*Fall Semester*

The course focuses on preparing the student for coordination of all aspects of a research project including recruitment, consenting, testing, executing intervention, reliability checks, data base management and data entry. Management of project staff, maintaining the integrity of the research design will be presented. Examination of ethical issues and IRB procedures will be included.

PREREQUISITE: ALL PREVIOUS COURSES IN RESEARCH CERTIFICATE PROGRAM.

**HST564 Communicating Research Findings**

*3 credits*

*Fall Semester*

The course focuses on preparing individuals to present research findings related to research projects. Discussion of data interpretation, results and presentation of research for publication will be presented.

PREREQUISITE: ALL PREVIOUS COURSES IN THE RESEARCH CERTIFICATE PROGRAM OR EQUIVALENT RESEARCH EXPERIENCE.

**HST595 Selected Topics**

*2- 3 credits*

*Offered By Announcement Only*

Sub-titles describing the topics to be offered will be shown in parentheses in the published class schedule, following the title "Selected Topics." Also open to continuing education student. (2-3 credits)

PREREQUISITE: PERMISSION OF INSTRUCTOR

**HEALTHCARE SCIENCES**

**HCS583 Folk and Alternative Healing**

*3 credits*

*Spring Semester*

Critical discussion and evaluation of alternative and complementary healing. Theoretical and scientific bases of ethnomedical systems, traditional medical systems, and contemporary alternative therapies are explored. (3) Writing Credit.

PREREQUISITE: PERMISSION OF FACULTY.

**NURSING**

**NUR502 Nursing in the International Context**

*2- 3 credits*

*Fall Semester*

The concept and process of international nursing in the context of world health are discussed. Analysis of the role of nursing in relation to various national health care systems, theories of national development, and global strategies for international health are also included. Emphasis is placed on nursing education and service in various nations with a focus on less developed countries. (2-3)

**NUR504 Topics in Oncology Nursing**

*2- 3 credits*

*Fall & Spring Semester*

Course emphasizes the impact of cancer upon the individual and family. Course integrates concepts and theories related to nursing practice and cancer research. (2-3)

PREREQUISITE: SENIOR STANDING IN UNDERGRADUATE PROGRAM; GRADUATE STANDING; OR PERMISSION OF INSTRUCTOR.

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**SCHOOL OF NURSING & HEALTH STUDIES**  
**NURSING**

**NUR507 Clinical Nutrition in Nursing Practice**

*2 credits*

*Spring Semester*

Application of clinical nutrition in the assessment, diagnosis, planning, implementation, and evaluation of nursing care of multicultural clients in primary and secondary care settings. (2)

PREREQUISITE: NUR 306, JUNIOR LEVEL STATUS.

**NUR508 Dying, Death and Bereavement**

*2- 3 credits*

*Spring Semester*

Issues of providing care and comfort to dying persons and loved ones during illness and support to survivors after death are addressed. The development of nursing practice based on theory and research from nursing and other disciplines is also included. Emphasis is placed on the physical, emotional, and spiritual components in dying and bereavement. (2-3)

**NUR523 Nursing Concepts of Health Promotion and Wellness**

*7 credits*

*First & Second Summer Session*

Assimilation and integration of theoretical foundations and clinical data applicable to the care of clients across the life span with a focus on health promotion, disease prevention, and health maintenance. Emphasis is placed on assessment and analysis of clinical data to formulate nursing care in multicultural setting. (3:12) Corequisites: NUR 314, 315, a course in Growth and Development and Nutrition.

PREREQUISITE: ADMISSION TO ACCELERATED OR GRADUATE ENTRY OPTIONS. COREQUISITES: NUR 314, 315, A COURSE IN GROWTH AND DEVELOPMENT AND NUTRITION.

**NUR524 Community-Based Multicultural Psychiatric/Mental Health Nursing**

*6 credits*

*Fall Semester*

Assessment and analysis of clinical data applicable to the care of clients across the lifespan with multidimensional psychosocial or mental health alterations. Emphasis is on development of inter-personal and intra and interdisciplinary collaborative skills as a means of assisting individuals, groups, and families in active problem solving in community based settings. The formulation of nursing diagnoses and management strategies in multicultural settings is a focus. Developmental, sociological, and environmental aspects of nursing management are integrated throughout.

PREREQUISITE: NUR 314, 315, 523.

**NUR530 Research in Nursing**

*3 credits*

*Fall Semester*

Focus on the nature of scientific inquiry, the research process and the role of the advanced practice nurse in conducting, critiquing, and synthesizing nursing research. Course consists of two modules. Module 1 focuses on the research process, research methodologies and the analysis of data using quantitative and qualitative approaches. Module 2 focuses on the synthesis of research findings for implementing changes in nursing practice or the development of a nursing research proposal, depending on the student's area of interest. (3)

PREREQUISITE: BASIC STATISTICS COURSE.

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**NURSING**

**NUR531 The Older Adult in Health and Illness**

*2- 3 credits*

*Offered By Announcement Only*

Course explores factors relating to aging in health including demographic changes, theories of aging, culture and ageism, the sandwich generation, developmental tasks and psychosocial issues in late life, sexual health, sleep pattern changes, and cognitive changes. Selected topics related to threats to health in later life are also discussed including depression, substance abuse, elder abuse and neglect, and failure to thrive. Current psychosocial intervention strategies such as reality orientation, re-motivation, reminiscence, life review and validation are examined. (2-3)

**NUR536 U.S. Health Care Crisis: Politics and Policies**

*3 credits*

*Spring Semester*

This course will explore key health policy issues within the U.S., along with the politics and interest groups which shape them. Fundamental concerns within the health care system such as: cost, quality and access to care will be analyzed. Major topics of discussion will include: Medicare, Medicaid, private insurance, the nursing shortage, and prescription drugs. The politics and policies surrounding issues such as bioethics, globalization, and infectious disease will also be considered.

**NUR545 Research Project Management**

*3 credits*

*Fall Semester*

The course focuses on preparing the student for coordination of all aspects of a research project including recruitment, consenting, testing, executing intervention, reliability checks, data base management and data entry. Management of project staff, maintaining the integrity of the research design will be presented. Examination of ethical issues and IRB procedures will be included.

PREREQUISITE: ALL PREVIOUS COURSES IN RESEARCH CERTIFICATE PROGRAM.

**NUR550 Sociopolitical Dynamics of Health Issues**

*2- 3 credits*

*Offered By Announcement Only*

The evaluation of public controversies surrounding community-based health issues are examined from sociopolitical, economic, and cultural perspectives. The focus of the course is on ethical and political dilemmas confronting health care professionals when health issues are politicized. (2-3)

**NUR551 Teaching and Learning Theory in Clinical Nursing Education**

*3 credits*

*Spring Semester*

The focus of this course is the exploration of principles and practice of teaching and learning integral to clinical nursing education. Identification of the role of the faculty in teaching students with diverse learning styles and needs within a variety of clinical settings.

PREREQUISITE: RN/BSN; MSN, AND/OR MASTERS STUDENT; RN LICENSE AND PERMISSION OF INSTRUCTOR.

**NUR552 From Childhood to Womanhood: Being Female in America**

*3 credits*

*Offered By Announcement Only*

Cultural perspective on emotional health issues related to growth and development of females in the United States of America. Multidisciplinary theoretical issues surrounding particular problems of sex roles from birth to death are examined. Emphasis is placed on mental health issues. Gender identity, critical events, eating disorders, abuse syndromes, reproductive sequelae, and aging are addressed. Emotional health, preventive, and treatment strategies are also analyzed. Graduate level course open to nursing students and students from related disciplines; education, psychology, sociology, and anthropology. (3)

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**NURSING**

**NUR553 Methods for Clinical Nursing Education**

*3 credits*

*Spring Semester*

The focus of this course is the organization and management of instruction for clinical nursing education. Emphasis is on effective strategies for development of learning opportunities in diverse clinical settings.

PREREQUISITE: NUR 551, RN; PERMISSION OF INSTRUCTOR.

**NUR555 Evaluation in Clinical Nursing Education**

*3 credits*

*Spring Semester*

The focus of this course is the exploration of principles and practices of evaluation integral to clinical nursing education.

PREREQUISITE: NUR 551, 553 AND/OR PERMISSION OF INSTRUCTOR.

**NUR558 Practicum in Clinical Nursing Education**

*6 credits*

*Spring Semester*

The focus of this course is laboratory and clinical application of principles of teaching and learning. Emphasis is on the operationalization of the clinical faculty role.

PREREQUISITE: NUR 551, 553, 555, AND/OR PERMISSION OF INSTRUCTOR.

**NUR564 Communicating Research Findings**

*3 credits*

*Fall Semester*

The course focuses on preparing individuals to present research findings related to research projects. Discussion of data interpretation, results and presentation of research for publication will be presented.

PREREQUISITE: ALL PREVIOUS COURSES IN THE RESEARCH CERTIFICATE PROGRAM OR EQUIVALENT RESEARCH EXPERIENCE.

**NUR570 Psychobiology for Advanced Practice Nursing**

*3 credits*

*Fall Semester*

Focuses on basic neuroanatomy, neurophysiology, and neurochemistry followed by an introduction to the physiological bases of sensation, motor systems, motivation, emotion, learning and memory. (3)

PREREQUISITE: ACCEPTANCE IN THE GRADUATE NURSING PROGRAM. NUR 612, 613.

**NUR575 Interdisciplinary Healthcare Improvement**

*2- 3 credits*

*Offered By Announcement Only*

Analyses of the theories and principles of quality improvement and interdisciplinary teamwork. Application of improvement methods and tools used in solving client-focused, system-level problems through participation in an interdisciplinary team in a selected clinical setting. (2:3-6)

PREREQUISITE: UNDERGRADUATE SENIOR STANDING OR PERMISSION OF INSTRUCTOR.

**NUR583 Folk and Alternative Healing**

*3 credits*

*Spring Semester*

Critical discussion and evaluation of alternative and complementary healing. Theoretical and scientific bases of ethnomedical systems, traditional medical systems, and contemporary alternative therapies are explored. Writing Credit. (3)

PREREQUISITE: UPPER DIVISION OR PERMISSION OF FACULTY.

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**NURSING**

**NUR587 Sleep and Dreams**

*2- 3 credits*

*Offered By Announcement Only*

Multidisciplinary theory and research on sleep and dreams. Circadian rhythm, sleep wake cycle, sleep disorders, function, and meaning of dreams. Graduate level course open to nursing students and students from related disciplines; education, psychology, sociology, and anthropology. (2-3)

PREREQUISITE: SENIOR OR GRADUATE STANDING, NUR 418 OR EQUIVALENT.

**NUR590 Health Policy, Structure and Ethics**

*3 credits*

*Fall Semester*

Issues, problems, and motivation for change and policy development in the current health care system. Implications for advanced practice nursing are discussed. Examination of organizational, behavioral, ethical aspects, and interactions of various sectors in the U.S. health care system. The relationship between ethics, culture and public are emphasized. (3)

PREREQUISITE: ADMISSION TO GRADUATE PROGRAM OR PERMISSION OF INSTRUCTOR.

**NUR594 Selected Topics**

*2- 3 credits*

*Offered By Announcement Only*

Sub-titles describing the topics to be offered will be shown in parentheses in the printed class schedule, following the title "Selected Topics". Also open to continuing education students. (2-3)

PREREQUISITE: PERMISSION OF INSTRUCTOR.

**NUR595 Selected Topics**

*2- 3 credits*

*Offered By Announcement Only*

Sub-titles describing the topics to be offered will be shown in parentheses in the printed class schedule, following the title "Selected Topics". Also open to continuing education students. (2-3)

PREREQUISITE: PERMISSION OF INSTRUCTOR.

**NUR596 Selected Topics**

*2- 3 credits*

*Offered By Announcement Only*

Sub-titles describing the topics to be offered will be shown in parentheses in the printed class schedule, following the title "Selected Topics". Also open to continuing education students. (2-3)

PREREQUISITE: PERMISSION OF INSTRUCTOR.

**NUR601 Advanced Pharmacology**

*3 credits*

*Fall Semester*

Advanced practice nursing application of pharmacological and pharmacokinetics for the purpose of selecting appropriate drug therapies for diverse populations. (3)

PREREQUISITE: GRADUATE STATUS.

**NUR602 Cultural Basis of Community Health Care**

*3 credits*

*Offered By Announcement Only*

Cultural assessment of the structure, function, and sociopolitical processes of agencies, institutions, and communities and population groups. Community development theories from variety of disciplines, rapid assessment techniques, and methods of investigating the cultural dimension of health care delivery in diverse populations. Strategies for developing culture-competent nursing actions for the implementation and management of population-based health care programs. (2:3)

PREREQUISITE: PREREQUISITE OR COREQUISITE: NUR 610.

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**NURSING**

**NUR603 Community Health Systems Administration**

*3 credits*

*Offered By Announcement Only*

Organization theories, health care and nursing models providing a basis for nursing leadership and management in community health systems. Key areas included are program development, case and disease management, strategic and financial planning, operations and budgeting, human resource management, quality control methods, information systems, program evaluation, and community relations. Cultural and ethical issues related to community health systems administration for communities and populations.

(3)

PREREQUISITE: GRADUATE STATUS.

**NUR604 Community Health Nursing I**

*3 credits*

*Offered By Announcement Only*

Emphasis on population-based models and frameworks. Strategies for collaborative and partnering with community members in assessment, analysis, interpretation, and prioritization of identified needs. Cultural and ethical dimensions of the community assessment process with vulnerable, minority, and other population groups. Roles of community health nurses in population-based and disease management assessments. Field based practicum with community, public health, and disease management experts in a selected population. (2:3)

PREREQUISITE: NUR 602. PREREQUISITE OR COREQUISITE: NUR 603 AND 633.

**NUR605 Field Experience in Community Health Nursing**

*3 credits*

*Offered By Announcement Only*

Structured and supervised field practicum under the guidance of a School of Nursing faculty mentor. Extension of beginning community and disease management assessment and problem identification from NUR 604. Further clarification of community or disease management problem, literature and secondary data searches, and primary data gathering. (0:9)

PREREQUISITE: NUR 604.

**NUR606 Community Health Nursing II**

*5 credits*

*Offered By Announcement Only*

Planning and development of population focused health care programs based on the community assessment conducted in Community Health Nursing I and NUR 605: Field Experience. Theories of change, program planning, and development applied to population groups. Leadership responsibilities of community health nurses in policy development and the change process. Ethical dimensions of planned change with culturally diverse, minority, and vulnerable populations. Field-based practicum with community, public health, or disease management experts in selected populations. (2:9)

PREREQUISITE: NUR 605. PREREQUISITE OR COREQUISITE: NUR 630.

**NUR607 Community Health Nursing III**

*6 credits*

*Offered By Announcement Only*

Implementation, management, and evaluation of population-based and disease management programs developed in NUR 606: Community Health Nursing II. Theories and strategies of program implementation, evaluation, and process monitoring. Cultural and ethical issues related to personnel and program evaluation. Field based practicum with community, public health, and disease management experts in a selected population or organization. (2:12)

PREREQUISITE: NUR 606.

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**NURSING**

**NUR608 Concepts in Advanced Practice Nursing**

*3 credits*

*Spring Semester*

Major concepts necessary for advanced practice nursing. Included are: major scientific theories, health and health promotion, health policy, ethical issues, epidemiology, technology in health care, and advanced practice role competencies. Specific emphasis is placed on understanding culture and cultural diversity in health care. (3:0)

PREREQUISITE: GRADUATE STATUS OR PERMISSION OF THE SONHS FACULTY.

**NUR609 Professionalism in Advanced Practice Nursing**

*2 credits*

*First & Second Summer Session*

Focuses on the synthesis of concepts and principles necessary to develop leaders in advanced practice nursing specialties. Emphasis is placed on the role of the advanced practice nurse for optimal delivery of health care to clients across the life span. (2:0)

PREREQUISITE: NUR 608 OR PERMISSION OF SONHS FACULTY.

**NUR612 Physiology/Pathophysiology for Advanced Practice Nursing**

*3 credits*

*Fall Semester*

Analysis of physiologic and pathophysiologic mechanisms of health and illness.

(3)

PREREQUISITE: GRADUATE STATUS.

**NUR613 Advanced Health Assessment and Diagnostic Reasoning**

*3 credits*

*Fall Semester*

Emphasis on culturally sensitive comprehensive health assessment and diagnostic reasoning related to advanced nursing practice. Special emphasis is placed on advanced health assessment; including age appropriate health screenings; prenatal, pediatric, and geriatric assessment; and interpretation of basic laboratory tests and diagnostic studies utilized in advanced nursing practice. Specialty specific seminars address issues for individual tracks within advanced practice nursing.

(2:1)

PREREQUISITE: GRADUATE STATUS OR PERMISSION OF SONHS FACULTY.

**NUR614 Basic Concepts in Anesthesia Nursing**

*3 credits*

*Spring Semester*

Fundamental knowledge and skills for entry into advanced practice anesthesia nursing. Concepts include essential techniques, monitoring and equipment, chemical and physical properties of anesthetic agents, and pharmacologic interventions for common problems and conditions requiring routine surgical procedures in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.

PREREQUISITE: NUR 601, 612, 613 OR PERMISSION OF SONHS FACULTY.

**NUR615 Professional Aspects of Anesthesia Nursing**

*2 credits*

*Fall Semester*

Focuses on the development and current trends in nurse anesthesia practice, education, and research. Concepts include the historical, legal, legislative, and professional role issues associated with advanced practice anesthesia nursing. Professional responsibilities, ethical issues, diversity, cultural competency, quality assurance, continuing education, and professional involvement are emphasized.

PREREQUISITE: PREREQUISITE OR COREQUISITE NUR 608.

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**NURSING**

**NUR616 Pharmacology for Acute Care Nursing**

*3 credits*

*Spring Semester*

Focuses on foundational pharmacologic principles and associated application to clinical practice in acute care nursing. Integration of pharmacological concepts and interventions in safe, culturally competent, and interdisciplinary acute care advanced nursing practice are emphasized.

PREREQUISITE: NUR 601 OR PERMISSION OF SONHS FACULTY.

**NUR617 Pharmacology for Anesthesia Nursing**

*3 credits*

*Spring Semester*

Focuses on foundational pharmacological principles and associated application to clinical practice in nurse anesthesia. Integration of pharmacological concepts and interventions in safe, culturally competent, and interdisciplinary anesthesia practice are emphasized.

PREREQUISITE: NUR 601

**NUR618 Applied Nursing Informatics**

*2 credits*

*Offered By Announcement Only*

Concepts of nursing informatics. Course is designed to enhance the attainment of knowledge, skills, and attitudes essential for an expert practitioner in a computerized health care environment. Emphasis is placed on nursing applications of information technology. Social, ethical, and legal issues associated with computerized health care delivery systems are also analyzed. (2)

PREREQUISITE: GRADUATE STANDING.

**NUR619 Advanced Concepts of Anesthesia Nursing I**

*3 credits*

*First & Second Summer Session*

In-depth knowledge and skills of anesthesia nursing care for a variety of common problems and conditions across anesthesia specializations. Concepts include assessment, techniques, planning and pharmacologic interventions for specialty surgical procedures in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.

PREREQUISITE: NUR 614. PREREQUISITE OR COREQUISITE NUR 617.

**NUR620 Advanced Concepts of Anesthesia Nursing II**

*3 credits*

*Fall Semester*

In-depth knowledge and skills of highly specialized problems and conditions requiring anesthesia or surgical interventions. Concepts include assessment, techniques, planning and pharmacologic interventions for regional anesthesia, pain management, care of obstetrical patients and patients with catastrophic conditions in a highly structured and guided clinical learning environment. Cultural competence and interdisciplinary anesthesia care across the lifespan is emphasized.

PREREQUISITE: NUR 619.

**NUR621 Diagnostics and Nursing Interventions for Acute Care Nursing**

*2 credits*

*Fall Semester*

Selected diagnostic tests and intervention techniques essential to acute care nursing. Critical thinking and decision making related to interdisciplinary assessment of acute care patients. Cultural issues related to diagnostics and intervention.

PREREQUISITE: GRADUATE STATUS OR PERMISSION OF SONHS FACULTY.

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**NURSING**

**NUR622 Acute Care Nursing of Adults I**

*4 credits*

*First & Second Summer Session*

The first of two sequential clinical practicums designed for the development of scientific knowledge and advanced practice skills in the area of acute care nursing. Involves synthesis of concepts, knowledge and skills gained in previous courses applied to the care of the acutely ill patient. Focuses on the advanced practice of acute care nursing via the nurse practitioner/clinical nurse specialist.

PREREQUISITE: NUR 616, 621 OR PERMISSION OF SONHS FACULTY

**NUR623 Primary Health Care of Infants and Children**

*3 credits*

*Spring Semester*

Theoretical and clinical bases for advanced practice nursing management of infants and children. Emphasis is placed on strategies for health maintenance and prevention of health problems and management of alterations. (2:6)

PREREQUISITE: NUR 601, 612, 613 OR PERMISSION OF SONHS FACULTY.

**NUR624 Health Care of the Aging Adult**

*5 credits*

*Offered By Announcement Only*

Development of the role of the advanced practice nurse in the health care management of the aging adult in settings ranging from primary care clinics to residential and rehabilitation including assisted living, long-term, and home care. (3:6)

PREREQUISITE: NUR 601, 612, 613, 628.

**NUR626 Advanced Concepts in Gynecological Health Care for Women**

*2 credits*

*Offered By Announcement Only*

Theoretical and clinical bases for the provision of complex gynecological care of women. Emphasis is on strategies for promotion of transcultural health care needs and management of alterations according to the advanced practice roles. (2)

PREREQUISITE: NUR 601, 613, 628

**NUR627 Primary Prenatal Health Care of Women**

*2 credits*

*Spring Semester*

Theoretical and clinical bases for providing primary prenatal care of women. Emphasis is on management strategies for promotion of transcultural health care needs according to the advanced practice role. (1:3)

PREREQUISITE: NUR 601, 612 AND 613

**NUR628 Advanced Practice Nursing of the Adult I**

*4 credits*

*Fall Semester*

Theoretical and clinical bases for health care management of health alterations in the adult population. Emphasis on strategies for health maintenance and prevention of health problems, management of alterations, discharge planning and rehabilitation of individuals and aggregate population. (2:2)

PREREQUISITE: PREREQUISITE OR COREQUISITE: NUR 601, 612, 613 OR PERMISSION OF SONHS FACULTY.

**NUR629 Nursing Management of Common Health Conditions of Women**

*3 credits*

*Offered By Announcement Only*

Theoretical and clinical bases for health care management across the lifespan. This includes adolescence, childbearing, mid-life, and post menopausal adaptation to disease processes such as endocrinological, pulmonary, circulatory disorders, minor trauma, and infectious processes. (1:2)

PREREQUISITE: NUR 601, 613, 626, 627.

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**NURSING**

**NUR630 Research Methods and Evidence-Based Practice**

*3 credits*

*Spring Semester & First & Second Summer Session*

Research process, research methods, and the analysis of data using quantitative and qualitative approaches. Focuses on understanding levels of evidence for implementing evidence-based practice and performance improvement in nursing practice and health care. Investigates research methods associated with health disparities, access to health care, and clinical outcomes.

PREREQUISITE: ADMISSION TO GRADUATE STATUS OR PERMISSION OF SONHS FACULTY.

**NUR631 Advanced Practice Nursing of the Adult II**

*4- 7 credits*

*Spring Semester*

Theoretical and clinical bases for health management of health alterations in the adult population. Emphasis on strategies for health maintenance and prevention of health problems, management of alterations, discharge planning and rehabilitation of individuals and aggregate population. (2:2) (2:5)

PREREQUISITE: NUR 601, 612, 613, 628 OR PERMISSION OF SONHS FACULTY.

**NUR632 Women's Health Care for Special Populations**

*5 credits*

*Offered By Announcement Only*

Psycho-social, cultural, physiologic, and economic parameters of health care for special populations of women. Theoretically based clinical focus on the health care management of the female adolescent, reproductive age woman, including fertility and infertility, and the mature woman, in a framework of homelessness, violence, substance abuse, HIV/AIDS, and oncology. Outreach clinical sites in a variety of settings will be utilized. (2:12)

PREREQUISITE: NUR 626, 627, 629.

**NUR633 Principles of Epidemiology for Advanced Practice Nursing**

*3 credits*

*Offered By Announcement Only*

Principles and methods of epidemiology applied to advanced practice nursing in multicultural community settings. Exploration of the role of epidemiology in areas such as health care management, primary health care, prevention and control of illness, environmental and occupational health, and public health policy. (3)

PREREQUISITE: GRADUATE STATUS; BASIC STATISTICS COURSE.

**NUR634 Perinatal Health Care**

*5 credits*

*Offered By Announcement Only*

Continuation of the application of physiologic, psychosocial, and cultural concepts to perinatal health care management. Emphasis is placed on nurse-midwifery management of intrapartum, postpartum, and neonatal clients. (2:12)

PREREQUISITE: NUR 626, 627.

**NUR635 Psychiatric and Mental Health Nursing of Family and Groups**

*5 credits*

*Offered By Announcement Only*

Examination and development of the Advanced Practice Nursing role in the psychiatric/mental health care of families and groups in a variety of settings. (2)

PREREQUISITE: NUR 613.

**NUR636 Psychiatric and Mental Health Nursing of Adults**

*7 credits*

*Offered By Announcement Only*

Examination and development of the advanced Practice Nursing role in the care of the individual adult client with common mental health problems in secondary care settings. (3:6)

PREREQUISITE: NUR 613.

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**NURSING**

**NUR639 Acute Care Nursing of Adults II**

*7 credits*

*Fall Semester*

The second of two clinical practicums designed to guide the development of scientific knowledge and advanced practice skills in the area of acute care nursing. Designed to assist the student to assume the role of the Acute Care Nurse Practitioner/Clinical Nurse Specialist. (2:5)

PREREQUISITE: NUR 622.

**NUR640 Teaching and Learning Theory in Clinical Nursing Education**

*3 credits*

*Offered By Announcement Only*

The focus of this course is the exploration of principles and practice of teaching and learning integral to clinical nursing education. Identification of the role of the faculty in teaching students with diverse learning styles and needs within a variety of clinical settings.

PREREQUISITE: ADMISSION TO GRADUATE STATUS

**NUR641 Methods for Clinical Nursing Education**

*3 credits*

*Offered By Announcement Only*

The focus of this course is the organization and management of instruction for clinical nursing education. Emphasis is on effective strategies for development of learning opportunities in diverse clinical settings.

PREREQUISITE: NUR 640 OR 551 OR PERMISSION OF SONHS FACULTY.

**NUR642 Evaluation in Clinical Nursing Education**

*3 credits*

*Offered By Announcement Only*

The focus of this course is the exploration of principles and practices of evaluation integral to clinical nursing education.

PREREQUISITE: NUR 640, 641 OR 551, 555 OR PERMISSION OF SONHS FACULTY.

**NUR643 Practicum in Nursing Education**

*6 credits*

*Offered By Announcement Only*

The focus of this course is laboratory and clinical application of principles of teaching and learning. Emphasis is on the operationalization of the clinical faculty role.

PREREQUISITE: NUR 640, 641, 642 OR 551, 553, 555 OR PERMISSION OF SONHS FACULTY.

**NUR644 Leadership and Professional Development Strategies for Nursing**

*3 credits*

*Offered By Announcement Only*

In this course, students will be exposed to the principles of organizational culture, dynamics, mission, vision, values, and goals as it impacts nursing. Additionally they will learn current theories of change management and resource management for nursing practice. They will explore change agent roles in project management and processes.

**NUR645 Interdisciplinary Anesthesia Nursing I**

*3 credits*

*Spring Semester*

Initial integration and synthesis course of advanced knowledge and skills for interdisciplinary anesthesia nursing care. Selected topics and clinical case studies include collaborative-decision-making, effective communication, planning and evaluation for patients with the complex problems and conditions across the lifespan. With continual guidance, students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.

PREREQUISITE: NUR 620.

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**NURSING**

**NUR646 Interdisciplinary Anesthesia Nursing II**

*3 credits*

*Spring Semester*

Second integration and synthesis course of advanced knowledge and skills for interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. With moderate guidance students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.

PREREQUISITE: NUR 645.

**NUR647 Advanced Practice Nursing Integration**

*7 credits*

*First & Second Summer Session*

Integration of the components of the Advanced Practice Nursing role to analyze advanced practice issues. (2:5)

PREREQUISITE: NUR 623, 628, 631 AND 627

**NUR650 Interdisciplinary Anesthesia Nursing III**

*3 credits*

*Offered By Announcement Only*

Third and final integration and synthesis course of advanced knowledge and skills of interdisciplinary anesthesia nursing care for complex problems and conditions across the lifespan. With minimal guidance students assume greater responsibility for culturally competent and interdisciplinary anesthesia care.

PREREQUISITE: NUR 646.

**NUR651 Philosophical and Theoretical Bases for Nursing Science**

*3 credits*

*Fall Semester*

Course focuses on historical and philosophical perspectives in the development of knowledge, with indepth examination, of the evolution of nursing science. Contemporary nursing theories are also compared and contrasted.

PREREQUISITE: NUR 611 OR EQUIVALENT.

**NUR652 Introduction to Clinical Inquiry I**

*3 credits*

*First & Second Summer Session*

Combines clinical knowledge and hands-on clinical experience in an area of the student's potential research interest. Students will practice under the supervision of an advanced practice nurse in the specialty area. Students are expected to begin the process of identifying clinical research problems. (1:2)

PREREQUISITE: ADMISSION TO THE BSN TO PHD PROGRAM

**NUR653 Introduction to Clinical Inquiry II**

*6 credits*

*First & Second Summer Session*

Combines clinical knowledge and hands-on clinical experience in an area of the student's potential research interest. Students will practice under the supervision of an advanced practice nurse in a specialty area. There will be a focus on health care delivery systems. Students are expected to translate clinical problems into researchable questions. (1:5)

PREREQUISITE: CO REQUISITES: NUR 652, NUR 662, EPS 553, NUR 665, EPS 671

**NUR654 The Evolution of Nursing Practice and Applications of Theory in Nursing Practice**

*3 credits*

*Spring Semester*

This course is an overview of the conceptual foundations of nursing science and nursing practice. Knowledge from basic and applied sciences and ethics as well as the history of the global evolution of nursing practice are examined.

PREREQUISITE: ADMISSIONS TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

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**NUR655 Health Care Management, Economics, Financing, and Ethics**

*3 credits*

*Offered By Announcement Only*

This course is an overview of health care management, financing, ethics and core and advanced concepts of health care economics. This course will also examine issues associated with health care management, economics, and ethics.

PREREQUISITE: ADMISSIONS TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR656 International Health**

*2- 3 credits*

*First & Second Summer Session*

This course covers diverse topics that affect the health of the population and advanced practice nursing internationally.

PREREQUISITE: ADMISSIONS TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR657 Population Based Health and health Care Health Disparities**

*3 credits*

*Spring Semester*

This course is an overview of knowledge from nursing, public health and other disciplines for population based assessment. The importance of cultural and ethical dimensions in program development is included.

PREREQUISITE: ADMISSIONS TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR658 Structure and Processes in Health Care Organization and Health Care Policy**

*3 credits*

*Spring Semester*

An exploration of health care organizations and healthcare policy, and how change is effected in both. Health care policy and planning to address health care disparities at the local, state, and federal levels will be explored. Organizational diagnosis, organizational change, and ethical dimension of public policy formulations and implementation will be highlighted.

PREREQUISITE: ADMISSIONS TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR659 Technology in Health Care**

*3 credits*

*Offered By Announcement Only*

An exploration of the various aspects of the evolving technology to improve and transform health care and advanced practice nursing. This course prepares DNP nursing students to design, select and use technology to support, manage, and improve patient care and health care systems.

PREREQUISITE: ADMISSIONS TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR661 Development of Nursing Science**

*3 credits*

*Spring Semester*

Approaches to scientific development in nursing with emphasis on theory building and theory generation. An analysis of contemporary nursing theory is included.

PREREQUISITE: NUR 651.

**NUR662 Nursing Epistemology**

*4 credits*

*Fall Semester*

Focus on historical and philosophical perspectives in the development of knowledge and patterns of knowing with in-depth examination of the evolution of nursing science. Analysis of concepts relevant to nursing phenomena. Approaches to scientific development in nursing with emphasis on theory building and theory generation.

PREREQUISITE: ADMISSION TO PHD PROGRAM

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**NUR663 Research I: Evaluating the Evidence for Practice**

*3 credits*

*Spring Semester*

This course is an analysis of evidence-based nursing practice. During the course, students acquire the knowledge base to resolve clinical practice problems and direct evidence-based practice.

PREREQUISITE: ADMISSION TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR664 Research II: Biostatistical Applications for Nursing Practice**

*3 credits*

*First & Second Summer Session*

This course is an overview of basic statistical concepts and computer applications related to healthcare, nursing, and biomedical research. A basic examination of parametric and non-parametric statistics in program evaluation, process outcomes, and/or basic research studies is included.

PREREQUISITE: NUR663 OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR665 Quantitative Research Methods**

*3 credits*

*Fall Semester*

In-depth exploration of research methods and design for quantitative research in nursing. Emphasis on development of a research problem; quantitative research design from descriptive to randomized clinical trials; epidemiologic designs; threats to validity; sampling and power analysis; measurement including psychometric theory, data collection and management; and interpretation of data. Other topics include ethics, human subjects' protection, and translation of finding into practice.

PREREQUISITE: ADMISSION TO PHD PROGRAM

**NUR667 Research Practicum**

*1- 3 credits*

*Fall Semester*

Student participates in an ongoing research project under the guidance of a faculty member. Conducts the practical aspects of research including: IRB application/continuing reports, data collection and management.

PREREQUISITE: NUR 662, NUR 665, EPS 671

**NUR670 Qualitative Methods in Qualitative Research**

*3 credits*

*Spring Semester*

Exploration of inductive approaches to research and the use of qualitative methods including phenomenology, ethnography, and grounded theory. The techniques include focus groups, unstructured and structured interviews, and ethnoscience. Discussion of techniques, analysis, and the ethical and political implications of special problems in qualitative research is also included.

PREREQUISITE: PREREQUISITE OR COREQUISITE: NUR 662.

**NUR671 Scientific and Theoretical Writing**

*2 credits*

*Fall Semester*

Introduction to the process of scientific writing including concept analysis and publication. Critique and respond to own and peers' writing. Challenges of making revisions. Synthesize relevant literature. Other topics include: impact factor, publication process, and techniques of writing.

PREREQUISITE: NUR 662, NUR 665, NUR 671

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**NUR672 Capstone I**

*3 credits*

*First & Second Summer Session*

The capstone project is required synthesizing initiative for students to apply theory, supported by evidence and expert knowledge of nursing practice, by completing a scholarly project of the student's or agency's choice. Students may design a practice change imitative under the direction of a faculty member and preceptor.

(1:2)

PREREQUISITE: ADMISSION TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR673 Capstone II**

*3 credits*

*Fall Semester*

The capstone project is a required synthesizing initiative for students to apply theory, supported by evidence and expert knowledge of nursing practice, by completing a scholarly project of the student's or agency's choice. Students may design a practice change imitative under the direction of a faculty member and preceptor.

(1:2)

PREREQUISITE: NUR672

**NUR675 Field Project in Qualitative Research**

*4 credits*

*Fall Semester*

Students conduct a field project using qualitative research methodology and techniques. Seminars related to analysis and interpretation of data are also included.

PREREQUISITE: NUR 670.

**NUR676 Practice Immersion Experience**

*6 credits*

*First & Second Summer Session*

This course contains individually precepted learning experiences across the spectrum of advanced practice nursing in a variety of settings. Students will have either clinically focused, education focused or administration focused role immersion experiences. (1:5)

PREREQUISITE: ADMISSION TO THE DNP PROGRAM OR PERMISSION OF THE SONHS ASSOCIATE DEAN

**NUR680 Measurement of Nursing Phenomena**

*3 credits*

*Fall Semester*

Development of instruments to measure a phenomenon of concern within the domain of nursing.

PREREQUISITE: NUR 670.

**NUR690 Independent Study**

*1- 6 credits*

*Fall & Spring Semester*

A indepth study of a specified area in advanced nursing of special interest to the student, under faculty guidance.

PREREQUISITE: PERMISSION OF PROFESSOR REQUIRED BEFORE ENROLLMENT.

**NUR697 Selected Topics**

*0- 6 credits*

*Offered By Announcement Only*

Subject matter offerings based upon student demand and availability of faculty. Subtitles describing topics will be shown in class schedule in parentheses after selected topic notation.

PREREQUISITE: PERMISSION OF INSTRUCTOR.

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**NUR698 Selected Topics**

*2- 3 credits*

*Offered By Announcement Only*

Subject matter offerings based upon student demand and availability of faculty. Subtitles describing topics will be shown in class schedule in parentheses after selected topic notation.

PREREQUISITE: PERMISSION OF INSTRUCTOR.

**NUR699 Special Topics in Nursing Research**

*1- 3 credits*

*Fall & Spring Semester*

Directed or independent research in collaboration with a faculty member providing opportunity for participation in ongoing nursing research. Specific requirements and credit allocation determined by contractual arrangement between student and faculty member.

**NUR710 Master's Thesis**

*1- 6 credits*

*Fall & Spring Semester*

The student working on his/her master's thesis enrolls for credit, in most departments not to exceed six, as determined by his/her advisor. Credit is not awarded until the thesis has been accepted.

**NUR720 Research in Residence**

*0 credit*

*Fall & Spring Semester*

Used to establish research in residence for the thesis for the master's degree after the student has enrolled for the permissible cumulative total in NUR 730 (usually six credits). Credit not granted. May be regarded as full time residence.

**NUR725 Continuous Registration--Master's Study**

*0 credit*

*Offered By Announcement Only*

To establish residence for non-thesis master's students who are preparing for major examinations. Credit not granted. Regarded as full time residence.

**NUR730 Doctoral Dissertation**

*1-12 credits*

*Fall & Spring Semester*

Required of all candidates for the Ph.D. The student will enroll for credit as determined by his/her advisor but not for less than a total of 12 credits. Not more than 12 hours of NUR 730 may be taken in a regular semester, nor more than six in a summer session. A student who has passed (a) qualifying examinations, and (b) is engaged in an assistantship, may still take the maximum allowable credit stated above.

**NUR750 Research in Residence**

*0 credit*

*Fall & Spring Semester*

Used to establish research in residence for the Ph.D., after the student has been enrolled for the permissible cumulative total in appropriate doctoral research. Credit not granted. May be regarded as full-time residence as determined by the Dean of the Graduate School.