

# MASTER OF SCIENCE IN NURSING

## Clinical Options

- Adult-Gerontology Acute Care Nurse Practitioner
- Family Nurse Practitioner (FNP)
- Nursing Education

## Post-master's Certificates

- Adult-Gerontology Acute Care Nurse Practitioner
- Family Nurse Practitioner (FNP)
- Nursing Education

## MSN Program Director

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## Program Description

The Master of Science in Nursing program is designed for baccalaureate-prepared nurses who have strong undergraduate foundations in critical thinking, decision-making, and nursing practice. The program consists of three program options, with specialization in Adult-Gerontology Acute Care Nurse Practitioner, Family Nurse Practitioner and Nursing Education, and three post-master's certificates in Adult-Gerontology Acute Care Nurse Practitioner, Family Nurse Practitioner and Nurse Education. The Centofanti School of Nursing also offers a non-degree School Nurse certificate.

The core curriculum centers on professional nursing issues, nursing science, and research methods for building nursing knowledge. The Family Nurse Practitioner option focuses on the delivery of primary care to families and persons of all ages within the health care delivery system. The Adult-Gerontology Acute Care Nurse Practitioner option focuses on providing direct acute care to adult and older adult individuals and families. The Nursing Education option focuses on delivery of nursing and patient education to individuals in academic, health-care delivery and community settings. The non-degree School Nurse certificate focuses on delivery of comprehensive care to individuals in the school environment.

The Master of Science in Nursing program is fully accredited by the Commission on Collegiate Nursing Education (CCNE). For additional information regarding accreditation, contact CCNE:

**Commission on Collegiate Nursing Education**  
655 K Street, NW, Suite 750  
Washington, DC 20001

Phone: (202) 887-6791

<http://www.aacnursing.org/CCNE>

## Graduate Faculty

### Professor

**Sheila M. Blank**, D.N.P., Associate Professor, Director

**Lori Ann Fusco**, D.N.P., Associate Professor

**Patricia L. Hoyson**, Ph.D., Professor

**Cynthia M. Shields**, D.N.P., Professor

**Mary P. Shortreed**, D.N.P., Associate Professor

**Debra Wallace**, Ph.D., Assistant Professor

**Amy Weaver**, Ph.D., Professor

### Lecturer

**Melody Wright**, M.S.N., Lecturer

## Graduate Courses

### NURS 6900 Healthcare Issues and Trends 3 s.h.

Exploration of nursing issues including changing roles and scope of practice and discipline concerns, with emphasis of interdisciplinary collaboration and social, cultural, political, economic, legal, regulatory, and ethical practice considerations.

**Prereq.:** Graduate nursing program status.

### NURS 6901 Theoretical Foundations in Science and Research 3 s.h.

Analysis of health-related evidence to continuously improve quality of practice. Exploration of the significance of theory, research and research methods and strategies for translating evidence into practice. Research design, instrumentation, data collection methods, statistical analysis, data analysis and data interpretation will be discussed.

**Prereq.:** Nursing graduate status.

### NURS 6902 Advanced Pathophysiology 3 s.h.

Normal physiologic functions and pathologic mechanisms are examined to prepare nurses for advanced practice roles.

### NURS 6903 Advanced Pharmacology 3 s.h.

Application of pharmacological concepts in clinical settings with examination of major categories of pharmacological agents.

**Prereq.:** NURS 6902.

### NURS 6904 Advanced Health Assessment 3 s.h.

Development of advanced clinical knowledge and skills needed for comprehensive health assessment across the life span. Emphasis on health history, physical, cultural, developmental and nutritional assessments with differential diagnosis of common health problems.

**Prereq.:** NURS 6902 (or concurrent).

### NURS 6907 Health Assessment of School Children 3 s.h.

Development of advanced clinical knowledge and skills in assessment of school children. Emphasis on research from nursing, biological, behavioral, and social sciences.

**Prereq.:** enrollment in school nurse licensure program.

### NURS 6917 Differential Diagnosis 3 s.h.

Developing diagnostic reasoning skill through comprehensive analysis of present and past histories, physical findings, and diagnostic studies that contribute to differential diagnoses of major health problems across the lifespan. The client is assessed from a holistic advanced practice perspective with consideration of individual culture, social, family, and community environments.

**Prereq.:** NURS 6902.

### NURS 6918 Advanced Diagnostics and Technologies 3 s.h.

Theory and technical skills essential to the advanced practice environment. Focuses on select technologies, informatics, telehealth, common procedures, and diagnostic tests encountered by advanced practice nurses in the clinical/practice setting.

### NURS 6920 Special Topics 1-4 s.h.

Topics may vary from semester to semester and will be announced along with prerequisites and hours. May be repeated. S/U grading.

**NURS 7003 Role Development in Advanced Practice 3 s.h.**

The examination of concepts, theories, and research related to advanced practice role. Explores the history and overview of the role of the advanced practice nurse as provider, consultant, educator, researcher, and leader in practice. Examines select legal, practice, and ethical issues in advanced practice.

**NURS 7004 Role Development Practicum 2 s.h.**

Application of concepts, theories, and research through practicum hours in a variety of settings.

**Prereq.:** NURS 7029 or NURS 7042.

**NURS 7005 Capstone Practicum 3 s.h.**

Culminating course of the MSN program. Synthesis of learned concepts and theories in the form of an individual scholarly project and dissemination of findings under the direction of a graduate faculty member.

**Prereq.:** Completion of all graduate nursing coursework and approval of the MSN faculty committee.

**NURS 7006 Special Topics in Nursing 1-5 s.h.**

Special interest nursing topics selected by the faculty which reflect current trends and issues in nursing practice. May be repeated as desired.

**NURS 7012 Anesthesia Principles 4 6 s.h.**

Administration of anesthesia for high-risk patients.

**Prereq.:** NURS 7011.

**NURS 7014 Health Management in Schools 3 s.h.**

Advanced nursing management of health care needs of children in schools, pre-K through high school.

**Prereq.:** NURS 6907 or enrollment in school nurse licensure program.

**NURS 7016 School Nurse Role 3 s.h.**

Examination of concepts, theories, and research related to advanced practice role development, teaching, learning, technology, evaluation strategies, leadership, marketing skills, and health care delivery in school settings.

**Prereq.:** NURS 7014 or enrollment in the school nurse licensure program.

**NURS 7017 School Nurse Role Practicum 1-5 s.h.**

Application of concepts, theories, and research from school nurse courses in a variety of settings.

**NURS 7018 Nursing Curriculum Design 3 s.h.**

Focus on nursing curriculum development, design, and implementation. Foundations of nursing curriculum, curriculum designs, and development of frameworks and learning strategies to achieve outcomes, and competencies in nursing education.

**NURS 7019 Nursing Instructional Methods 3 s.h.**

Theoretical foundations and analysis of teaching strategies in academic and clinical settings promoting critical thinking, clinical judgment, assessment techniques, and learning outcomes in a variety of nursing education and healthcare settings.

**NURS 7020 Evaluation in Nursing Education 3 s.h.**

Methods, frameworks, basic principles, and strategies for nursing educational evaluation, including assessment, designs, curriculum and program evaluation tools, agency accreditation processes, and measurement tools of scoring and grading.

**NURS 7021 Nurse Educator Role 3 s.h.**

Examination of concepts, theories and research related to the nurse educator advanced practice role development including teaching, learning, technology, evaluation strategies, leadership, marketing skills, and nursing education practice in academic and health care delivery settings.

**NURS 7022 Nurse Educator Practicum 1 1 s.h.**

Supervised clinical practicum consisting of 50 hours in a variety of education and health care settings. Field experience and application of concepts, theories, research findings, teaching strategies, learning, technology, evaluation strategies, leadership, and skills from prior Nursing Education courses will be utilized.

**Prereq.:** NURS 7018, NURS 7019, NURS 7020 and NURS 7021.

**NURS 7023 Nurse Educator Practicum 2 2 s.h.**

Supervised clinical practicum consisting of 100 hours in a variety of education and health care settings, with a focus on nursing education. Field experience and application of concepts, theories, research findings, teaching strategies, learning, technology, evaluation strategies, leadership, and skills from prior Nursing Education courses will be utilized.

**Prereq.:** NURS 7018, NURS 7019, NURS 7020, NURS 7021.

**NURS 7037 Adult Gerontology Acute Care 1 3 s.h.**

Competencies (knowledge, skills, and professional behaviors) required to provide comprehensive and holistic care to a culturally diverse, acutely ill population (young adult-frail elderly) is emphasized. Clinical manifestations of and patient response to particular patient care problems (e.g. pulmonary, cardiovascular, etc.) with emphasis on physical assessment findings for determining a differential diagnosis and planning of patient care needs, health promotion and health maintenance.

**Prereq.:** NURS 6902, NURS 6903, NURS 6904.

**NURS 7038 Adult Gerontology Acute Care 1 Practicum 3 s.h.**

Supervised clinical practicum in an acute care facility. Emphasis is placed on the APRN-patient/family relationship collaborating with the health care team and health information technology.

**Prereq.:** NURS 7037, NURS 7039, NURS 7041.

**NURS 7039 Adult Gerontology Acute Care 2 3 s.h.**

Competencies (knowledge, advanced skills, and professional behaviors) required to provide comprehensive and holistic care to a culturally diverse, acutely ill adult population (young adult – frail elderly) is emphasized. Clinical manifestations of and patient response to particular patient care problems (e.g. integumentary, infectious disease) with emphasis on physical assessment findings for determining differential diagnosis and planning of patient care needs, health promotion and health maintenance.

**Prereq.:** NURS 6902, NURS 6903, NURS 6904.

**NURS 7040 Adult Gerontology Acute Care 2 Practicum 3 s.h.**

Practicum in an acute care facility aligned with NURS 7039. Emphasis is placed on quality improvement and patient safety initiatives, interdisciplinary professional collaboration and functioning within the health system.

**Prereq.:** NURS 7037, NURS 7039, NURS 7041.

**NURS 7041 Adult Gerontology Acute Care 3 3 s.h.**

Focus on the integration of the role components delivered by the adult-gerontology nurse practitioner. Clinical manifestations of and patient response to particular patient care problems (i.e., endocrine, gastrointestinal, multisystem, trauma) with emphasis on physical assessment findings for determining a differential diagnosis and panning of patient care needs, health promotion and health maintenance. Emphasis on utilizing diagnostic reasoning, therapeutic interventions, pharmacological therapeutics, interdisciplinary treatment plans, consultation, referral, transitional care and research findings in the management and evaluation of culturally diverse acutely ill adult-gerontology patients.

**Prereq.:** NURS 6902, NURS 6903, NURS 6904.

**NURS 7042 Adult Gerontology Acute Care 3 Practicum 3 s.h.**

Practicum designed to integrate the independent practice competencies. Emphasis is on preventing illness, promoting health and an optimal functional level. Stabilizing the ill client and minimizing complications through an interdisciplinary approach and transitional care.

**Prereq.:** NURS 7037, NURS 7039, NURS 7041.

**NURS 7045 Family Nurse Practitioner 1 3 s.h.**

Knowledge, skills, and professional behaviors required to provide comprehensive and holistic primary care to a culturally diverse population across the lifespan. Emphasis is on health promotion, health maintenance, and management of common health problems pertaining to children, adolescents, gynecological, reproductive, and family centered primary care with an emphasis on physical assessment findings for determining and planning of patient care needs.

**Prereq.:** NURS 6902, NURS 6903, NURS 6904.

**NURS 7046 Family Nurse Practitioner 2 3 s.h.**

Knowledge, advanced skills and professional behaviors required to provide comprehensive and holistic care to a culturally diverse population across the lifespan. Emphasis is on health promotion, illness prevention, disease detection, and identification and management of health problems. Focus is on clinical manifestations of and patient response to acute and chronic health problems (e.g. cardiovascular, pulmonary, endocrine, etc.) with emphasis on diagnosing and planning of patient care needs, health promotion and health maintenance.

**Prereq.:** NURS 6902, NURS 6903, NURS 6904.

**NURS 7047 Family Nurse Practitioner 3 3 s.h.**

Knowledge, advanced skills and professional behaviors required to provide comprehensive and holistic care to a culturally diverse population across the lifespan. Emphasis is on health promotion, illness prevention, disease detection, and identification and management of health problems. Focus is on clinical manifestations of and patient response to acute and chronic health problems (e.g. renal, gastrointestinal, integumentary, etc.) with emphasis on diagnosing and planning of patient care needs, health promotion and health maintenance.

**Prereq.:** NURS 6902, NURS 6903, NURS 6904.

**NURS 7048 Family Nurse Practitioner 1 Practicum 3 s.h.**

Supervised clinical practicum consisting of a recommended minimum of 150 hours in a variety of primary care settings. It is designed to provide the beginning Family Nurse Practitioner student with comprehensive experiences in health promotion and the identification and management of acute and chronic health problems in individuals across the lifespan.

**Prereq.:** NURS 7045, NURS 7046, NURS 7047.

**NURS 7049 Family Nurse Practitioner 2 Practicum 1-3 s.h.**

**Prereq.:** NURS 7048.

**NURS 7050 Family Nurse Practitioner 3 Practicum 1-3 s.h.**

Supervised clinical practicum consisting of a recommended minimum of 150 hours in a variety of primary care settings. It is designed to provide the Family Nurse Practitioner student with comprehensive experiences in health promotion and the identification and management of acute and chronic health problems in individuals across the lifespan.

**Prereq.:** NURS 7049.

**NURS 7051 Family Nurse Practitioner 4 Practicum 1-3 s.h.**

The final supervised clinical practicum consisting of a minimum of 75 hours and/or any remaining hours needed to meet the 600 total program hours in a variety of primary care settings. It is designed to provide the advanced Family Nurse Practitioner student with comprehensive experiences in health promotion and the integration and management of acute and chronic health problems in individuals across the lifespan. In addition, preparation for advanced practice certification, certification examination and state licensure processes are addressed.

**Prereq.:** NURS 7050.

**NURS 8900 Pharmacology for Nurse Anesthetists 1 3 s.h.**

Provides an opportunity to focus on the advanced principles of anesthesia related to pharmacology. Presents in-depth material and includes discussions on the pharmacology of various classes of anesthetics and adjuvant therapeutics employed by nurse anesthetists, including anesthetic induction agents, benzodiazepines, opioid agonists/antagonists/agonist-antagonist, neuromuscular blocking agents, and local anesthetics.

**Prereq.:** Admission and enrollment in the DNP Nurse Anesthesia program.

**NURS 8901 Anatomy, Physiology and Pathophysiology for Nurse Anesthetists 1 3 s.h.**

An advanced study of the structure and function of the human body, with an emphasis on the neural, muscular and endocrine systems and pathophysiological conditions involving those systems.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8902 Healthcare Biostatistics 3 s.h.**

This course will cover principles of biostatistics in the context of public health applications. It will include the basic techniques for analyzing and investigating public health issues including disparities. Statistical package SPSS will be used.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8903 Professional Role of Nurse Anesthesia Practice 1 s.h.**

This course is an introduction to the professional role development of the nurse anesthetist. It is designed to introduce students to the basics of nurse anesthesia practice and the role of nurse anesthetists as anesthesia providers. Elizabeth Health Center School for Nurse Anesthetists.

**Prereq.:** Acceptance into the nurse anesthesia program at St.

**NURS 8904 Chemistry, Biochemistry, and Physics for Nurse Anesthetists 3 s.h.**

This course enables nurse anesthesia students to identify principles of chemistry, biochemistry, and physics in relation to anesthesia drug administration. The chemical composition of, and physiologic response to common anesthesia drugs are examined. Students will learn to predict the physiological response of drugs based on gas laws and the nature of fluids and vapors as they apply to anesthesia.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8905 Clinical Practicum 1 1 s.h.**

This practicum introduces students to the clinical setting, beginning with orientation to each of the clinical sites. Nurse anesthesia students are introduced to the construction and execution of an anesthesia care plan. Students will experience supervised participation in actual administration of anesthesia. Integrates internalization of theoretical concepts and techniques and application in anesthetic management toward the achievement of the terminal objectives for competency in entry-level anesthesia practice. 120 clocked clinical hours. Graded S/U.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8906 Pharmacology for Nurse Anesthetists 2 3 s.h.**

Provides an opportunity to focus on the advanced principles of anesthesia-related pharmacology. Focuses on anesthesia related uses and considerations with antihypertensives, alpha and beta adrenergic receptor agonist/antagonists, and anticoagulants. Presents in-depth material and discussions on the pharmacology of various drugs that contribute to pathological conditions such as malignant hyperthermia, asthma and congestive heart failure.

**Prereq.:** NURS 8900.

**NURS 8907 Anatomy, Physiology and Pathophysiology for Nurse Anesthetists 2 3 s.h.**

An advanced study of the structure and function of the human body, with an emphasis on the cardiovascular, respiratory, renal and hepatic systems as well as the pathological conditions involving those systems.

**Prereq.:** NURS 8901.

**NURS 8908 Advanced Health Assessment 3 s.h.**

This course explores advanced health assessment utilizing an extensive health history and physical exam. The course focuses on developing refined health history taking, psychological assessment, and physical assessment skills across the lifespan. Emphasis is placed on detailed health history assessment, differentiation, interpretation, and documentation of normal and abnormal assessment findings.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8910 Introduction to Clinical Anesthesia 2 s.h.**

This course is an introduction to the key concepts of nurse anesthesia clinical practice including the anesthesia machine, airway/airway management, and fluid & blood administration and management.

**Prereq.:** Acceptance into the nurse anesthesia program at St Elizabeth Health Center School for Nurse Anesthetists.

**NURS 8911 Clinical Practicum 2 1 s.h.**

Nurse anesthesia students construct and execute an anesthesia care plan with clinical faculty supervision and collaboration. Students experience slightly more independent participation in actual administration of anesthesia while still under direct supervision by clinical faculty. Determine theoretical concepts and techniques and application in anesthetic management toward the achievement of the terminal objectives for competency in entry-level anesthesia practice. Semester course; 150+ clocked clinical hours. One day per week. Graded S/U.

**Prereq.:** NURS 8905.

**NURS 8912 Principles and Practice of Nurse Anesthesia 3 s.h.**

This course is designed to cover more complex, case specific expectations and considerations for the nurse anesthesia student using nontraditional teaching methods including study guides, case studies, and extensive discussion.

**Prereq.:** Successful completion of NURS 8910.

**NURS 8913 Principles of Anesthesia 1 3 s.h.**

Basic theory of anesthesia administration, preanesthetic assessment, physical examination, monitoring. Case management including respiratory, cardiac, and vascular. Face to face lecture format.

**Prereq.:** Successful completion of NURS 8910.

**NURS 8914 Clinical Practicum 3 3 s.h.**

Provides intensive experience in all clinical anesthesia areas. Represents an integral phase of sequenced clinical progress toward the achievement of competency in entry-level anesthesia practice. Includes clinical rotations to various affiliate sites to gain experience in management of specialized anesthetic considerations. Emphasizes increased responsibility for the delivery of a comprehensive anesthetic regime along the educational/experiential continuum. 300+ clocked hours. 3 full days per week in the operating room setting. Graded S/U.

**Prereq.:** NURS 8911.

**NURS 8915 Principles of Anesthesia 2 3 s.h.**

Introduces the nurse anesthesia student to concepts necessary to formulate, execute, and revise a safe, individualized anesthetic in obstetric and pediatric populations, and in those receiving regional blocks. In depth construction of the anesthesia care plan to include anesthetic techniques, prevention of complications, fluid management, monitoring and utilization of anesthesia equipment. Provides guided practical experience associated with course concepts, including practice with and evaluation of task-specific skills in both simulated and actual operating room environments. Includes advanced obstetric, regional, and pediatric anesthesia concepts, including anesthetic considerations and/or implications. Integrates the use of information system technology for enhancing regional anesthesia block performance.

**Prereq.:** NURS 8913.

**NURS 8916 Health Care Policy 3 s.h.**

The primary focus of this course is to explore the leadership role of nurses in health policy development and implementation as well as the role of research in health care policy formation and planning. Special emphasis is placed on selected national and international health policy issues that form the socio-political and economic context of nursing care and practice. Ethical dimensions of public policy formulations and implementation are highlighted.

**NURS 8917 Evidence Based Practice 1 3 s.h.**

This course focuses on critically analyzing and evaluating research evidence. Evidence-based practice concepts will be used. Methods of generating evidence through research are discussed.

**Prereq.:** NURS 8902 or equivalent statistics course.

**NURS 8918 Clinical Practicum 4 3 s.h.**

Provides intensive experience in all clinical anesthesia areas. Represents an integral phase of sequenced clinical progress toward the achievement of competency in entry-level anesthesia practice. Includes clinical rotations to various affiliate sites to gain experience in management of specialized anesthetic considerations. Emphasizes increased responsibility for the delivery of a comprehensive anesthetic regime along the educational/experiential continuum. Semester course; 300+ clocked clinical hours. Graded S/U.

**Prereq.:** NURS 8914.

**NURS 8919 Principles of Anesthesia 3 3 s.h.**

This course covers the preanesthetic assessment, physical examination, monitoring, and administration of anesthesia in patients with pathophysiological conditions of the central nervous, renal, hepatic, or hematologic systems. Subject matter is presented on a continuum from basic to advanced theory.

**Prereq.:** NURS 8915.

**NURS 8920 Ultrasound and Radiology 2 s.h.**

Nurse anesthesia students investigate the practice of ultrasound-guided, regional anesthesia while supporting the core concepts of ultrasound machine operation, needle guidance, and sonoanatomy. An in-depth breakdown of the essential strategies used to identify radiological and sonographic landmarks for locating and identifying target nerves and key anatomy structures is presented.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8921 Evidence-Based Practice 2 3 s.h.**

This course focuses on identifying and evaluating current literature in order to identify evidence-based clinical practice recommendations. Methods for translating evidence-based knowledge to inform nursing clinical practice will be used.

**Prereq.:** NURS 8917.

**NURS 8922 Clinical Practicum 5 3 s.h.**

Provides intensive experience in all clinical anesthesia areas. Represents an integral phase of sequenced clinical progress toward the achievement of competency in entry-level anesthesia practice. Includes clinical rotations to various affiliate sites to gain experience in management of specialized anesthetic considerations. Emphasizes increased responsibility for the delivery of a comprehensive anesthetic regime along the educational/experiential continuum. Semester course; 300+ clocked clinical hours. Graded S/U.

**Prereq.:** NURS 8918.

**NURS 8923 Principles of Anesthesia 4 3 s.h.**

This course covers the preanesthetic assessment, physical examination, monitoring, and administration of anesthesia to obese and geriatric patients. It will also cover professional aspects of nurse anesthesia practice including nurse anesthesia law, independent practice, and finance planning and management.

**Prereq.:** NURS 8919.

**NURS 8924 Epidemiology 2 s.h.**

Epidemiologic concepts of populations for understanding and using health research is the focus. Principles and methods of data analysis central to understanding health-related indicators for population health management will be used. Students will be prepared to function as members of a research team.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8925 Clinical Practicum 6 4 s.h.**

Provides intensive experience in all clinical anesthesia areas. Represents an integral phase of sequenced clinical progress toward the achievement of competency in entry-level anesthesia practice. Includes clinical rotations to various affiliate sites to gain experience in management of specialized anesthetic considerations. Emphasizes increased responsibility for the delivery of a comprehensive anesthetic regime along the educational/experiential continuum. Semester course; 450 clocked clinical hours. Graded S/U.

**Prereq.:** NURS 8922.

**NURS 8926 Principles of Anesthesia 5 3 s.h.**

This course addresses various topics such as alterations in immunity (infectious and immune disorders) cancer, trauma and burns, and substance abuse disorders as well as anesthetic considerations for each.

**Prereq.:** NURS 8923.

**NURS 8927 DNP Scholarly Project 1 3 s.h.**

Focuses on identification of relevant clinical issues in anesthesiology with attendant formulation of critically applicable questions and examination of the relevant research evidence that addresses those questions. Students implement and evaluate a terminal project and disseminate the results through an oral and/or poster presentation, manuscript submission to a peer-reviewed journal or another appropriate medium.

**Prereq.:** NURS 8921.

**NURS 8928 Healthcare Finance and Practice Management 2 s.h.**

This course explores the role and examines healthcare finance and economics from the perspective of the advanced practice nurse. Emphasis is given to analysis and synthesis of practice behaviors specific to the development of the advanced practice role. Financial management principles, the healthcare reimbursement system, reimbursement process, and factors influencing the financial environment are discussed.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8929 Clinical Practicum 7 4 s.h.**

Provides intensive experience in all clinical anesthesia areas. Represents an integral phase of sequenced clinical progress toward the achievement of competency in entry-level anesthesia practice. Includes clinical rotations to various affiliate sites to gain experience in management of specialized anesthetic considerations. Emphasizes increased responsibility and supervised autonomy for the delivery of a comprehensive anesthetic regime along the educational/experiential continuum. Semester course; 450+ clocked clinical hours. Graded S/U.

**NURS 8930 Ethics in Advanced Nursing Practice 2 s.h.**

This course explores the philosophic basis and derived theories of ethics and their implications for advanced nursing practice. Using ethical principles, students will examine a variety of clinical, research and practice management dilemmas that arise in the provision of advanced practice nursing services to individuals, populations and communities. Cultural competence and transcultural nursing practices will also be explored.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8931 DNP Scholarly Project 2 3 s.h.**

Focuses on identification of relevant clinical issues in anesthesiology with attendant formulation of critically applicable questions and examination of the relevant research evidence that addresses those questions. Students implement and evaluate a terminal project and disseminate the results through an oral and/or poster presentation, manuscript submission to a peer-reviewed journal or another appropriate medium.

**Prereq.:** NURS 8927.

**NURS 8932 Teaching, Curriculum and Evaluation Seminar 1 s.h.**

This course examines the principles of teaching and learning applicable to the anesthesia didactic and clinical environment. Strategies are presented in teacher/learner communication, presentation development and strategies, curriculum designs and methods of evaluation pertinent to nurse anesthesia education.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8933 Clinical Practicum 8 4 s.h.**

Provides intensive experience in all clinical anesthesia areas. Represents an integral phase of sequenced clinical progress toward the achievement of competency in entry-level anesthesia practice. Includes clinical rotations to various affiliate sites to gain experience in management of specialized anesthetic considerations. Emphasizes increased responsibility and supervised autonomy for the delivery of a comprehensive anesthetic regime along the educational/experiential continuum. Semester course; 450+ clocked clinical hours. Graded S/U.

**NURS 8934 Leadership and Collaboration for the DNP Nurse Anesthetist 2 s.h.**

This course focuses on nursing leadership incorporating theory and research as it applies to the role of the Doctor of Nursing Practice in a variety of settings. The focus is developing advanced leadership and management skills, organizational effectiveness, power and influence skills, change management.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.

**NURS 8935 Clinical Practicum 9 4 s.h.**

Provides intensive experience in all clinical anesthesia areas. Represents an integral phase of sequenced clinical progress toward the achievement of competency in entry-level anesthesia practice. Includes clinical rotations to various affiliate sites to gain experience in management of specialized anesthetic considerations. Emphasizes full responsibility for the delivery of a comprehensive anesthetic regime along the educational/experiential continuum with full supervision and guidance. Semester course; 450+ clocked clinical hours. Graded S/U.

**Prereq.:** NURS 8933.

**NURS 8936 Anesthesia Synthesis: Comprehensive Review 2 s.h.**

This advanced course provides an opportunity for third-year doctoral anesthesia students to integrate the principle anesthesia concepts learned to date. Anesthesia Synthesis is not solely a traditional "board review". Instead, it includes the cerebral application of the concepts studied in previous courses. Graded S/U.

**Prereq.:** Acceptance and Enrollment in the DNP Nurse Anesthesia Program.