College of Nursing

Web Site: http://www.twu.edu/nursing/

Dean: Rosalie Mainous, Professor
Location: ASB 216, Denton
Phone: 940-898-2401
Fax: 940-898-2437

Assistant Dean, Denton: Damon Cottrell, Clinical Professor
Location: ASB 216N
Phone: 940-898-2401

Associate Dean, Dallas: Shelley Hawkins, Professor
Location: IHSD 7512
Phone: 214-689-6510

Associate Dean, Houston: Ainslie Nibert, Associate Professor
Location: Houston 7519
Phone: 713-794-2100

Graduate Degrees Offered

- Master of Science in Nursing (Nurse Practitioner)
  - Family Nurse Practitioner
  - Pediatric Nurse Practitioner
  - Women’s Health Nurse Practitioner
  - Adult-Gerontology Nurse Practitioner
  - Adult-Gerontology Acute Care Nurse Practitioner
- Master of Science in Nursing (Nursing Education)
- Master of Science in Nursing (Nursing Health Systems Management)
- Ph.D., Doctor of Philosophy in Nursing Science
- D.N.P., Doctor of Nursing Practice
- D.N.P. Bridge Program to Ph.D.

The College of Nursing offers the Master of Science in Nursing degree program (M.S.N.), the Doctor of Philosophy degree (Ph.D.) in Nursing Science program, and the Doctor of Nursing Practice degree (D.N.P.) program. The master’s and doctoral degrees are offered part-time or full-time.

The Baccalaureate degree program in nursing, the Master of Science in Nursing in nursing, and the Doctor of Nursing Practice degree program at Texas Woman's University are accredited by the Commission on Collegiate Nursing Education (https://www.aacnnursing.org/CCNE/), 655 K Street, NW, Suite 750, Washington, DC 20001, 202-887-6791.

The M.S.N. program prepares professional nurses for leadership roles in the management and promotion of healthcare, and nursing education. Graduate study in nursing requires the acquisition and systematic application of knowledge and skills in nursing practice, nursing research, and nursing role. Critical thinking skills are enhanced through the study of nursing theory and research.

The D.N.P. program is designed to improve practice expertise and accelerate the translation of evidence into practice. The D.N.P. prepares graduates to practice at the most advanced level of nursing and to improve practice and health outcomes.

The Ph.D. program is designed for nurses who have developed specialized expertise in health care. The primary goal of the program is to develop leaders, scholars, and researchers who will make a significant contribution to the nursing profession in the discovery, integration, application, and dissemination of knowledge.

Master of Science in Informatics

Informatics is the study and application of information science, computer science, cognitive science, and organizational science to the arts, sciences, and professions. The Master of Science in Informatics (http://catalog.twu.edu/graduate/arts-sciences/mathematics-computer-science/informatics-ms/) program at TWU provides students with a flexible, adaptable, interprofessional, and interdisciplinary approach to the study of Informatics in a hybrid learning environment. The program will provide students with the skills needed for success in high-demand professions and careers in the areas of Clinical Informatics, Data Science/Data Analytics, Health Studies, Sports Informatics, and Community Informatics. The program is delivered collaboratively by Academic Components including Computer Science, Nursing, Health Studies, Kinesiology, and Library and Information Studies.

Degrees/Certifications Offered by Campus

<table>
<thead>
<tr>
<th>Masters Degrees or Certifications</th>
<th>Campus/Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nurse Practitioner Programs</td>
<td></td>
</tr>
<tr>
<td>Family</td>
<td>Online/Dallas/Houston</td>
</tr>
<tr>
<td>Adult/Gerontology</td>
<td>Dallas/Houston</td>
</tr>
<tr>
<td>Adult/Gerontology Acute Care</td>
<td>Dallas/Houston</td>
</tr>
<tr>
<td>Child Health</td>
<td>Dallas/Houston</td>
</tr>
<tr>
<td>Women’s Health</td>
<td>Dallas/Houston</td>
</tr>
<tr>
<td>Nursing Health Systems Management (Minor: Health Care Administration or Business)</td>
<td>Houston</td>
</tr>
<tr>
<td>Nursing Education (100% on line)</td>
<td>Denton/Dallas/Houston</td>
</tr>
</tbody>
</table>

Certificates

Post-master’s certification is available in:

- Nursing Education (http://catalog.twu.edu/graduate/nursing/certification-nursing-education/)
- Nursing/Health Systems Management (http://catalog.twu.edu/graduate/nursing/certification-hsm/)
- Nurse Practitioner (http://catalog.twu.edu/graduate/nursing/certification-nurse-practitioner/)

Post-baccalaureate certification is available in:

- Inter-Professional Informatics (http://catalog.twu.edu/graduate/nursing/pb-certificate-interprofessional-informatics/)

Faculty

*BAILEY, CATHERINE A., Professor of Nursing, B.S., Texas Woman's University, M.S., Texas Woman's University; Ph.D., Texas Woman's University

*BIRCH-EVANS, ANLEE, Associate Clinical Professor of Nursing, B.S., Texas Woman's University; M.S., University of Texas Health Science Center-Houston; Ph.D., Texas Woman's University

*BUDHRANI-SHANI, PINKY, Assistant Professor of Nursing, B.S., University of South Florida; M.S., University of South Florida; Ph.D., University of South Florida
*CESARIO, SANDRA K., Professor of Nursing, B.S.N., Fort Hays State University; M.S., University of Oklahoma; Ph.D., Texas Woman’s University

*CHROSTOWSKI, SUSAN, Assistant Clinical Professor of Nursing, B.S., Texas Woman’s University; M.S., Texas Woman’s University; D.N.P., Texas Woman’s University

*CHURCH, CORY D., Assistant Professor of Nursing, B.S.N., Angelo State University; M.S.N, Angelo State University

*CLUTTER, PAULA C., Professor of Nursing, B.S.N., University of Texas Medical Branch; M.S., University of Florida; Ph.D., University of Texas Health Science Center, San Antonio

*COTTRELL, DAMON B., Clinical Professor of Nursing; Assistant Dean of the College of Nursing-Denton, B.S., Texas Woman’s University; M.S., Texas Woman’s University; D.N.P, Robert Morris University

*DELOSTRITTO, RITA A., Professor of Nursing, B.S., Texas Woman’s University; M.S.N., University of Pennsylvania; Ph.D., Johns Hopkins University

*FREDLAND, NINA M., Professor of Nursing, B.S., Niagara University; M.S., University of Pennsylvania; Ph.D., Texas Woman’s University

*HALVERSON, COLLEEN, Assistant Professor of Nursing, B.S., University of Buffalo; M.S., Texas Woman’s University; Ph.D., Texas Woman’s University

*HAWKINS, SHELLEY, Professor of Nursing; Associate Dean of the College of Nursing-Dallas, B.S.N., University of Alabama at Birmingham; M.S.N., University of Alabama at Birmingham; Ph.D., University of Alabama at Birmingham

*HO, TUONG-VI V., Clinical Professor of Nursing, B.S., University of Texas Health Science Center-Houston; M.S., University of Texas Health Science Center-Houston; Ph.D., Texas Woman’s University

*JOHNSON, OLINDA P., Associate Clinical Professor of Nursing, B.S., Texas Woman’s University; M.S., Texas Woman’s University; Ph.D., Texas Woman’s University

*KEELE, REBECCA, Assistant Professor of Nursing, B.S., University of Central Arkansas; M.S., The University of Kansas; Ph.D., The University of Kansas

*KUBIN, LAURA, Associate Professor of Nursing, B.S., Baylor University; M.S., Texas Woman’s University; Ph.D., Texas Woman’s University

*LANDRUM, PEGGY A., Clinical Professor of Nursing, B.A., University of Florida; M.S., Texas Woman’s University; Ph.D., Texas A&M University

*LEE, MIKYOUNG, Associate Professor of Nursing, B.S., Kyungpook National University; M.N., Kyungpook National University; Ph.D., The University of Iowa

*LIN, CHIN-NU, Assistant Professor of Nursing, B.S., Chung Shan Medical University; M.S.N., Grambling State University; Ph.D., The University of Texas at Tyler

*LITTLES, SABRENDA, Assistant Professor of Nursing, B.S., Prairie View A&M University; M.S.N. University of Texas Health Science Center at Houston; Ph.D., Texas Woman’s University

*LIU, FUQIN, Associate Professor of Nursing, B.S.N., Adventist University of the Philippines; M.S., Loma Linda University; Ph.D., University of Washington

*MAINOUS, ROSALIE O’DELL, Professor of Nursing; Dean of the College of Nursing, B.S.N., University of Louisville; M.S.N., Indiana University—Purdue University Indianapolis; Ph.D., University of Kentucky

*MALECHA, ANN T., Professor of Nursing, B.S.N., Loyola University, Chicago; M.S., Northwestern University; Ph.D., Texas Woman’s University

*MBUE, NGOZI, Assistant Professor of Nursing, B.S., Towson University; M.S.N., University of Missouri-Kansas City; Ph.D., The University of Texas Health Science Center at Houston

*McFARLANE, JUDITH M., Cornaro Professor of Nursing, B.S.N., University of Florida; M.S.N., University of Florida; D.P.H., University of Texas Health Science Center-Houston

*MELLOTT, SUSAN K., Professor of Nursing, B.S.N., Indiana University of Pennsylvania; M.S.N., University of Pennsylvania; Ph.D., Texas A&M University

*MENENDEZ-BOBSEINE, MARGARITA, Assistant Clinical Professor of Nursing, B.S.N., University of Phoenix; M.S.N, University of Phoenix; D.N.P, Texas Woman’s University

*MERRITT, LINDA, Assistant Professor of Nursing, B.S.N., Trenton State College; M.S., Baylor University; Ph.D., Texas Woman’s University

*MORRIS, KRISTINE W., Associate Clinical Professor of Nursing, B.S.N., Harding University; M.S., Texas Woman’s University

*NELSON, LESLIE, Associate Professor of Nursing, B.S.N., University of Florida; M.S.N., University of Florida; Ph.D., Texas Woman’s University

*NIBERT, AINSLE T., Associate Professor of Nursing; Associate Dean of the College of Nursing-Houston, B.S., Texas Christian University; M.S., The University of Texas Health Science Center at Houston; Ph.D, Texas Woman’s University

*NURSE, RACHELLE-ANN P, Associate Professor of Nursing, B.S.N., University of Texas Health Science Center-Houston; M.S.N., University of Texas Health Science Center-Houston; M.S.H.A., Houston Baptist University; Ph.D., Texas Woman’s University

*OQUIN, CHARLI L., Clinical Professor of Nursing, B.S., University of Texas at Arlington; M.S., Texas Woman’s University; D.N.P, Texas Christian University
Courses

NURS 5001. Advanced Practice Nursing Seminar. An integration course that emphasizes application of knowledge about advanced practice nursing scope of practice, health policy, and health care delivery as they relate to functioning as an effective health care professional. Prerequisite: NURS 5015, NURS 5305, NURS 5405, NURS 5505, or NURS 5605 (Second Clinical Nursing Course). One seminar hour a week. Credit: One hour.

NURS 5002. Advanced Practice Nursing Role. Examines the impact of health care policy, health care organizations, and health care reimbursement on the advanced practice nurse. Further examines the scope of practice of different advanced practice nurse roles and the collaborative relationships with other health care professionals. Two seminar hours a week. Credit: Two hours.

NURS 5003. Health Policy and Health Promotion. Principles of health policy advocacy, health promotion, and disease prevention in individuals and communities as a foundation for nursing practice. Examination of ethical issues; policy processes; and influence of regulations, legislation, and public policy on various client populations. Three lecture hours a week. Credit: Three hours.

NURS 5005. Adult/Gerontology Acute Care Nurse Practitioner I. Diagnostic and management issues related to care of acutely ill adults across the life span. Health promotion, prevention, disease prevention, and treatment. Exploration of pathophysiologic/psychosocial influences of acute illness and injury. Evidence-based practice approaches used to determine nursing, medical, and pharmacologic management. Prerequisites: NURS 5013, BIOL 5333, NURS 5644, and NURS 5663. Prerequisite or Co-requisites: NURS 5002 and NURS 5003. Three lecture and six clinical hours a week. Credit: Five hours.

NURS 5013. Theoretical Foundations of Nursing Practice. Examination, critique, and evaluation of theories that provide the basis for nursing practice; application and use of appropriate theories for nursing practice and research; cyclical nature of theory, research, and practice in health care. Three lecture hours a week. Credit: Three hours.

NURS 5015. Adult/Gerontology Acute Care Nurse Practitioner II. Diagnostic and management issues related to chronically ill young, middle, and older adults. Evidence-based interventions to determine nursing, medical, and pharmacological management of patients with chronic and co-morbid illnesses. Prerequisite: NURS 5005 and NURS 5024. Three lecture and six clinical hours a week. Credit: Five hours.

NURS 5021. Nursing Honors Capstone I. Mentored development of detailed plan for research, service-learning, or study abroad honors capstone project proposal developed in NURS 3112. Project-specific objectives, timeline for completion, synthesis of literature, detailed plan for implementation and collaboration with other capstone students, and presentation of project progress. Prerequisite: NURS 3112. Credit: One hour.

NURS 5024. Research and Quality Improvement in Nursing. Application of research and quality improvement initiatives in clinical settings. Problem identification, examination of evidence, and development of strategies to incorporate research and quality-driven changes in practice. Critique and use of research design, statistical methods, and use of computer information systems. Prerequisite: Basic statistics course. Prerequisite or co-requisite: NURS 5013 or permission of instructor. Four lecture hours a week. Credit: Four hours.

NURS 5025. Adult/Gerontology Acute Care Nurse Practitioner III. Diagnostic and management issues of critically ill young, middle, and older adults. Emphasis on pathophysiologic and psychosocial influences of critically ill and injured adults. Evidence-based interventions used to determine nursing, medical, and pharmacological management. Prerequisite: NURS 5015. Co-requisite: NURS 5001. Two lecture and nine clinical hours a week. Credit: Five hours.

NURS 5083. Adult/Gerontology Acute Care Nurse Practitioner Preceptorship I. Clinical practice course to implement the Adult/Gerontology Acute Care Nurse Practitioner role. Emphasis on synthesizing nursing and medical knowledge to maintain and promote health in well clients and families and to clinically manage clients and families with common acute and chronic illnesses. Prerequisites: NURS 5001 and NURS 5025. Nine clinical hours a week. Credit: Three hours.
NURS 5095. Adult/Gerontology Acute Care Nurse Practitioner Preceptorship II. Synthesis of knowledge and skills in health promotion and maintenance across the lifespan. Clinical management of clients and families with common acute and chronic illnesses. Demonstration of mastery of knowledge and skills through a clinical project. Prerequisite or Co-requisite: NURS 5083. Eleven clinical hours a week. Credit: Five hours.

NURS 5123. Introduction to Applied Health Informatics. Overview and application for the field of health informatics using approaches such as human-technology interface, data analytics, and mobile/remote patient management. Health care delivery-based integration of design, configuration, usability, analysis, and maintenance of technology interventions resulting in development of information technology-based skills that improve patient care delivery. Prerequisites: CSCI 5103 and CSCI 5203. Three lecture hours a week. Credit: Three hours.

NURS 5143. Application of Technology Enhanced Health Promotion. Interactive selection and application of current technological advances and software for health promotion and self-management of well-served and under-served populations across disciplines. Prerequisite: NURS 5123. Three lecture hours a week. Credit: Three hours.

NURS 5203. Theoretical Bases for Nursing Education. Overview of education and theories of teaching and learning related to nursing education and practice. Focus is on general categories of cognitive and behavioral theories. Selection of appropriate teaching/learning theories to address the learning needs of culturally diverse groups and individuals. Three lecture hours a week. Credit: Three hours.

NURS 5244. Clinical Specialization: Nurse Educator. Delivery of safe, quality nursing care to diverse populations in variety of settings; Includes individual/system assessment, technology integration, inter-professional communication, direct/indirect advanced nursing interventions, and nursing outcome evaluation in complex health care systems. Prerequisites: NURS 5013, NURS 5024 (or faculty permission), BIOL 5333, and NURS 5644. Co-requisites: NURS 5003 and NURS 5663. Two lecture and six clinical hours a week. Credit: Four hours.

NURS 5253. Curriculum Design and Management in Nursing. Focus on nursing curriculum design from mission statement and philosophy. Includes examination of a variety of conceptual frameworks and their appropriateness for various settings, students, and knowledge components (curriculum elements). Emphasis on curriculum development at institutional level, course level, and individual class level in academic and clinical settings. Prerequisites or co-requisites: NURS 5013 and NURS 5203. Three lecture hours a week. Credit: Three hours.


NURS 5273. Measurement and Assessment in Nursing. Selection and preparation of a variety of methodologies to assess learning. Application of educational statistics to evaluate various forms of testing and to measure learning. Includes item analysis of standardized and teacher-made exams. Work with on-campus faculty for mastery of content. Prerequisites: NURS 5013, NURS 5203, and NURS 5024. Three lecture hours a week. Credit: Three hours.

NURS 5283. Evaluation Models for Curriculum Management. Utilization of various models to assess learner achievement, faculty or teacher performance, achievement of course objectives, and measurement of program outcomes in academic or clinical educational settings. Examination of accreditation models. Prerequisites: NURS 5013, NURS 5203, and NURS 5253. Three lecture hours a week. Credit: Three hours.

NURS 5294. Teaching Practicum in Nursing. Application of the nurse's role as teacher in educational setting of choice: academia, staff development, or patient education. Focus on integrating theory and practice of education role with socialization into role of nurse educator. Demonstration of mastery of knowledge and skills through teaching project. Prerequisite: NURS 5203 and NURS 5253. One lecture and nine practicum hours a week. Credit: Four hours.

NURS 5305. Child Health Nursing II. Focuses on the clinical management of common acute illnesses experienced by children and adolescents; physical and behavioral problems are discussed. Theories related to culture and health beliefs are incorporated. Prerequisite: NURS 5325. Prerequisite or co-requisites: NURS 5024. Three lecture hours and six clinical hours a week. Credit: Five hours.

NURS 5315. Child Health Nursing III. Emphasizes theories related to chronic illness and coping in children and adolescents. Physiological, behavioral, and family theories are applied to management of chronic illness. Clinical knowledge and skills are applied in hospital and community settings. Prerequisite: NURS 5305. Co-requisite: NURS 5001. Two lecture and nine clinical hours a week. Credit: Five hours.

NURS 5325. Child Health Nursing I. Provides the foundation for assessment and intervention with well children and their families. Integrates concepts of growth and development and common health problems experienced by children from birth through adolescence. Emphasizes developmental screening tests and anticipatory guidance. Promotion of information technology-based skills to improve health care delivery. Prerequisite: NURS 5123. Three lecture hours a week. Credit: Three hours.

NURS 5373. Advanced Applied Health Informatics. Critical analysis of complex health informatics industry components such as economics, ethics, information management, electronic health records, telemedicine and patient portals. Promotion of information technology-based skills to improve health care delivery. Prerequisite: NURS 5123. Three lecture hours a week. Credit: Three hours.

NURS 5383. Pediatric Nurse Practitioner Preceptorship I. Clinical practice course to implement the Pediatric Nurse Practitioner role. Emphasis on synthesizing nursing and medical knowledge to maintain and promote health in well clients and families and to clinically manage clients and families with common acute and chronic illnesses. Prerequisites: NURS 5001 and NURS 5315. Nine clinical preceptorship hours a week. Credit: Three hours.

NURS 5395. Pediatric Nurse Practitioner Preceptorship II. Synthesis of knowledge and skills in health promotion and maintenance across the lifespan. Clinical management of clients and families with common acute and chronic illnesses. Demonstration of mastery of knowledge and skills through a clinical project. Prerequisite or Co-requisite: NURS 5383. Eleven clinical hours a week. Credit: Five hours.

NURS 5405. Women’s Health Nursing II. Emphasizes the collaborative management of reproductive health of non-childbearing adolescents and women utilizing current theory, research, and clinical practice findings. Examines developmental dynamics and family structure throughout the life span in relation to women’s health. Incorporates appropriate treatment modalities, pharmacologic interventions, and referral criteria for gynecological problems in advanced nursing practice. Prerequisite: NURS 5425. Prerequisite or Co-requisite: NURS 5024. Three lecture and six clinical hours a week. Credit: Five hours.

NURS 5415. Women’s Health Nursing III. Emphasizes the collaborative clinical management of non-reproductive health care needs of women throughout the life span utilizing current theory, research, and clinical practice findings. Class focuses on diagnosis and advanced nursing management of problems relevant to adult and older women with acute and/or chronic diseases. Clinical practice includes treatment modalities, pharmacologic interventions, and referral for reproductive and non-reproductive problems. Prerequisite: NURS 5405. Co-requisite: NURS 5001. Two lecture hours and nine clinical hours a week. Credit: Five hours.

NURS 5425. Women’s Health Nursing I. Emphasizes the collaborative management of the reproductive health of women utilizing current theory, research, and clinical practice findings. Examines developmental dynamics and family structure throughout the lifespan in relation to childbearing. Incorporates appropriate treatment modalities, pharmacologic interventions, and referral criteria for advanced nursing practice. Prerequisites: NURS 5013, BIOL 5333, and NURS 5644. Prerequisites or Co-requisites: NURS 5002, NURS 5003, and NURS 5663. Three lecture and six clinical hours a week. Credit: Five hours.

NURS 5443. Women’s Health Nurse Practitioner Preceptorship I. Clinical practice course to implement the Women’s Health Nurse Practitioner role. Emphasis on synthesizing nursing and medical knowledge to maintain and promote health in well clients and families and to clinically manage clients and families with common acute and chronic illnesses. Prerequisites: NURS 5001 and NURS 5415. Nine clinical preceptorship hours a week. Credit: Three hours.

NURS 5495. Women’s Health Nurse Practitioner Preceptorship II. Synthesis of knowledge and skills in health promotion and maintenance across the lifespan. Clinical management of clients and families with common acute and chronic illnesses. Demonstration of mastery of knowledge and skills through a clinical project. Prerequisite or Co-requisite: NURS 5483. Eleven clinical hours a week. Credit: Five hours.

NURS 5505. Adult/Gerontology Nursing II. Management of commonly encountered health deviations in young, middle, and older adult populations; protocols for treatment decisions, referrals, and follow-up and patient/family teaching relative to management of health problems and concerns. Prerequisite: NURS 5525. Co-requisite: NURS 5024. Three lecture and six clinical hours a week. Credit: Five hours.


NURS 5525. Adult/Gerontology Nursing I. Health promotion and maintenance for young, middle, and older adults incorporating theory and research-based interventions and management using critical thinking and diagnostic reasoning; consideration of families when assessing health status; delivery of health care in a variety of settings. Prerequisites: NURS 5013, BIOL 5333, NURS 5644, and NURS 5663. Prerequisites or Co-requisites: NURS 5002 and NURS 5003. Three lecture and six clinical hours a week. Credit: Five hours.

NURS 5543. Outcomes Assessment Practicum. Assessment of the structural, process, and summative outcomes of healthcare organizations. Emphasis on the decision making and planned change process used by the nurse administrator in responding to legal, ethical, and economic issues which drive changes in processes and impact outcomes in health care facilities. The clinical practicum will be one of four healthcare environments: acute care, ambulatory, long-term care, or community/home health care. Prerequisites/HCA minor: NURS 5013, NURS 5024, NURS 5003, HCA 5223, and HCA 5493. Prerequisites/BUS minor: NURS 5013, NURS 5024, NURS 5003, MGT 5263, MGT 5273, and MGT 5963. One lecture and six clinical hours a week. Credit: Three hours.

NURS 5544. Organizational Assessment Practicum. Focus is on the exploration of the nurse administrator’s role in complex health care settings. Emphasis is on the assessment of the health care organization and the integration of management, business, and nursing concepts as they relate to the delivery of nursing care. The clinical practicum will be one of four healthcare environments: acute care, ambulatory, long-term care, or community/home health care. Prerequisites/HCA minor: NURS 5003, NURS 5013, NURS 5024, and HCA 5223. Prerequisites/BUS minor: NURS 5013, NURS 5024, NURS 5003, MGT 5263, and MGT 5273. Two lecture and six clinical hours a week. Credit: Four hours.

NURS 5553. Fiscal Assessment Practicum. Emphasis is on the financial management of health care institutions and its impact on the nursing unit, impact of regulatory agencies, and the development of budgets and RFPs. The clinical practicum will be one of four healthcare environments: acute care, ambulatory, long-term care, or community/home health care. Prerequisites/HCA minor: NURS 5013, NURS 5023, NURS 5003, HCA 5223, HCA 5533, and HCA 5623. Prerequisites/BUS minor: NURS 5013, NURS 5024, NURS 5003, MGT 5263, ACCT 5433, and MGT 5273. One lecture and six clinical hours a week. Credit: Three hours.

NURS 5554. Health Systems Management Challenges and Opportunities. Current issues in nursing practice related to future trends in health care delivery and financial reimbursement. Emphasis is on development of a proposal and project to solve an administrative issue to demonstrate mastery of program content. Prerequisites: NURS 5543, NURS 5544, and NURS 5553. Four lecture hours a week. Credit: Four hours.

NURS 5583. Adult/Gerontology Nurse Practitioner Preceptorship I. Clinical practice course to implement the Adult/Gerontology Nurse Practitioner role. Emphasis on synthesizing nursing and medical knowledge to maintain and promote health in well clients and families and to clinically manage clients and families with common acute and chronic illnesses. Prerequisites: NURS 5001 and NURS 5515. Nine clinical preceptorship hours a week. Credit: Three hours.
**NURS 5593. Data Applications for Foundational Health Promotion.**
Exploration of publicly available and proprietary healthcare resource data sites; examination of the incorporation of healthcare data applications into practice. Emphasis on data management, utilization of healthcare data, and trend analysis for health promotion enhancement. Prerequisite: NURS 5123. Three lecture hours a week. Credit: Three hours.

**NURS 5595. Adult/Gerontology Nurse Practitioner Preceptorship II.**
Synthesis of knowledge and skills in health promotion and maintenance across the lifespan. Clinical management of clients and families with common acute and chronic illnesses. Demonstration of mastery of knowledge and skills through a clinical project. Prerequisite or Co-requisite: NURS 5583. Eleven clinical hours a week. Credit: Five hours.

**NURS 5605. Family Health Nursing II.**
Delivery of primary health care services to culturally diverse and medically underserved families across the life span, emphasizing health promotion and health maintenance. Emphasizes common acute/chronic problems. Utilizes role concepts and theories. Prerequisite: NURS 5625. Prerequisite or co-requisite: NURS 5024. Three lecture and six clinical hours a week. Credit: Five hours.

**NURS 5615. Family Health Nursing III.**
Synthesizes concepts from theory based family-centered nursing, pathophysiology, assessment, pharmacotherapeutics, and role practice for the management of culturally diverse and medically underserved families from across the life span. Focuses on health promotion and health maintenance in primary health care settings. Prerequisite: NURS 5605. Co-requisite: NURS 5001. Two lecture and nine clinical hours a week. Credit: Five hours.

**NURS 5625. Family Health Nursing I.**
Family theory based nursing practice in the assessment and management of health needs across the life span. Emphasizes wellness and primary prevention for culturally diverse and medically underserved families. Integrates knowledge of growth and development. Promotes critical thinking and diagnostic reasoning skills in clinical decision making. Prerequisites: NURS 5013, BIOL 5333, and NURS 5644. Prerequisites or co-requisites: NURS 5002, NURS 5003, and NURS 5663. Three lecture and six clinical hours a week. Credit: Four hours.

**NURS 5644. Advanced Assessment/Differential Diagnosis.**
Examination of the systematic process involved in performing a holistic health assessment on individuals throughout the lifespan. Includes knowledge and skills necessary to gather data, interpret findings, make health diagnoses, communicate results, and empower clients. Prerequisite or co-requisite: BIOL 5333. Three lecture and three laboratory hours a week. Credit: Four hours.

**NURS 5663. Pharmacotherapeutics for Advanced Nursing Practice.**
Advanced course based upon the previous knowledge of pharmacology and pharmacotherapeutics obtained in undergraduate education and clinical practice. Content in this course will provide a foundation for the pharmacotherapeutic management of common health problems across the lifespan encountered in advanced nursing practice. Three lecture hours a week. Credit: Three hours.

**NURS 5683. Family Nurse Practitioner Preceptorship I.**
Clinical practice course to implement the Family Nurse Practitioner role. Emphasis on synthesizing nursing and medical knowledge to maintain and promote health in well clients and families and to clinically manage clients and families with common acute and chronic illnesses. Prerequisites: NURS 5001 and NURS 5615. Nine clinical preceptorship hours a week. Credit: Three hours.

**NURS 5695. Family Nurse Practitioner Preceptorship II.**
Synthesis of knowledge and skills in health promotion and maintenance across the lifespan. Clinical management of clients and families with common acute and chronic illnesses. Demonstration of mastery of knowledge and skills through a clinical project. Prerequisite or Co-requisite: NURS 5683. Eleven clinical hours a week. Credit: Five hours.

**NURS 5901. Special Topics.**
Systematic study of a designated topic in advanced nursing. One lecture hour a week. Credit: One hours.

**NURS 5903. Special Topics.**
Systematic study of a designated topic in advanced nursing. Three lecture hours a week. Credit: Three hours.

**NURS 5911. Independent Study.**
Individual study of a selected problem in nursing. May be repeated for credit. Prerequisite: Permission of instructor. Credit: One hour.

**NURS 5913. Independent Study.**
Individual study of a selected problem in nursing. May be repeated for credit. Prerequisite: Permission of instructor. Credit: Three hours.

**NURS 5923. Capstone in Informatics.**
Culminating organization and/or community-based interdisciplinary/interprofessional project supported through informatics and technology and applied to a specific domain to demonstrate knowledge and skills acquired in the informatics program. Immersive, investigative, and reflective opportunity for deep study on a selected area of practice/application domain. Prerequisite: Completion of 24 semester credit hours. Credit: Three hours.

**NURS 5943. Interprofessional Informatics Project.**
Culminating organization and/or community-based interdisciplinary/interprofessional project supported through informatics and technology, and applied to a selected course-specific domain for demonstrating knowledge and skills acquired in the Interprofessional Informatics certificate program; focus on improvement of health care delivery and quality outcomes. Prerequisite: Take three from NURS 5143, NURS 5393, NURS 5453, NURS 5393, and NURS 5593. Three seminar hours a week. Credit: Three hours.

**NURS 5963. Professional Project.**
Synthesis and application of information gained in the master’s program through an individually-identified professional project. Integrates knowledge and skills, analytical and critical thinking skills, and writing and presentation skills. Prerequisites: NURS 5023 and completion of the first clinical course in the sequence. Credit: Three hours.

**NURS 5983. Thesis.**
Credit: Three hours.

**NURS 5993. Thesis.**
Prerequisite: NURS 5983. Credit: Three hours.

**NURS 6003. Grant Writing.**
Comprehensive introduction to the components of a grant. Basic steps for skill development in preparation, design, and evaluation are included. Three lecture hours a week. Credit: Three hours.

**NURS 6023. Philosophy of Nursing Science.**
Overview of concepts related to philosophy, philosophy of science, and philosophy of nursing. Includes exploration and analysis of major philosophers, comparison of Eastern and Western philosophy, and the contribution of these philosophies to the origin and development of nursing philosophy and science. Three lecture hours a week. Credit: Three hours.

**NURS 6033. Ethical Dimensions of Nursing.**
Examines ethical issues in contemporary nursing practice from the perspective of nursing as a moral enterprise. Focuses on nurses making informed and responsible choices that shape the future of society as well as the nursing profession. Traditional and contemporary ethical positions will be explored as they apply to common ethical and moral problems found in nursing. Three lecture hours a week. Credit: Three hours.
NURS 6035. DNP Practicum I. Clinical course designed for Advanced Practice Registered Nurse (APRN) to provide increased expertise in a specific area. The APRN will function as an interdisciplinary team member, providing care to a select patient population. Includes assessment and evaluation of informatics, genetics, and technology use in selected clinical site. Prerequisites: NURS 6023, NURS 6033, NURS 6043, and NURS 6163. Fifteen clinical hours a week. Credit: Three hours.

NURS 6043. Policy, Power, and Politics. Examines concepts of social policy, power and political behaviors, and generates strategies for exercising professional leadership in effecting change in health disciplines. Exploration and analysis of theories supporting policy making as a decision-making body or power base for action or inaction. Role of health politics in the work place, organization, government, and community will be examined with special emphasis on the politics of women's health care. Three lecture hours a week. Credit: Five hours.

NURS 6045. DNP Practicum II. Clinical course designed to refine skills developed in NURS 6035. The Advanced Practice Registered Nurse (APRN) will select and implement evidence-based strategies, utilize genetics, demonstrate leadership within the context of the health care team, and measure outcomes using informatics for quality improvement. Prerequisite: NURS 6035. Fifteen clinical hours a week. Credit: Five hours.

NURS 6053. Exploring Scholarship. Introductory course will prepare the doctoral student to examine scholarship in detail and identify mechanisms to enhance own scholarship. Three lecture hours a week. Credit: Three hours.

NURS 6063. Financial Management for Advanced Practice Nurses. Sustainable and measurable improvements to health practice through the implementation of financial structures to support nursing practice. Evaluation of the cost-effectiveness of care and use of principles of economics and finance to redesign effective and realistic care delivery strategies. Three lecture hours a week. Credit: Three hours.

NURS 6124. Role Differentiation: Practice to Research. Comprehensive overview and differentiation of roles and opportunities for nurses involved in practice and research. Consideration of varied factors impacting the two roles including multiculturalism, ethics, philosophy, and policy. Four seminar hours a week. Credit: Four hours.

NURS 6163. Health Outcomes: Measurement, Management, and Analysis. Explores changes in health care system and emerging health care priority agenda with focus on outcomes. Emphasizes importance of outcome indicators and need for new or revised measures in selected health conditions and related settings. Analyzes relationship among process, outcomes, and costs. Focuses on development of research programs addressing clinical, institutional, or systems research. Prerequisite: NURS 6014 or permission of instructor. Three lecture hours a week. Credit: Three hours.

NURS 6173. Instrumentation in Nursing Research. Development of the knowledge base and skills needed for locating, evaluating, constructing, testing, and administering instruments that measure phenomena related to nursing and healthcare. Focus on approaches to instrument development, evaluation of the psychometric properties of existing instruments, and issues related to various types of data collection in the clinical setting that will support independent research and clinical practice. Prerequisites: NURS 6004 and completion of a graduate level statistics course, or permission of instructor. Three lecture hours a week. Credit: Three hours.

NURS 6193. Family Violence across the Lifespan. The problem of family violence across the lifespan, including precursors to family violence, nursing assessment, and nursing interventions for both victims and perpetrators of family violence. Development of research questions related to family violence. Three seminar hours a week. Credit: Three hours.

NURS 6223. Threats to Women's Health. Familiarizes students with the leading causes of morbidity and mortality among American women. Identifies feminist issues raised by the health of American women. Addresses influence of race, class, and gender upon health. Current analyses of women's health by contemporary scholars provides context for raising research questions. Explores potential research projects. Three lecture hours a week. Credit: Three hours.

NURS 6303. Doctor of Nursing Practice Scholarly Project. Clinical project based upon selection and implementation of evidence-based interventions supported through informatics and technological advances and measurement of outcomes in selected clinical site. Includes written and public presentation of findings and submission of article for publication in a peer-reviewed scholarly journal. May be repeated up to two times for project completion. Prerequisite: NURS 6163. Prerequisite or co-requisite: NURS 6035. Three hours a week. Credit: Three hours.


NURS 6333. Current Topics in Informatics and Research in Nursing and Health. Emerging informatics trends and anticipated developments such as patient safety, consumer informatics, system implementation issues, human factors design, interoperability, privacy, and security. Examination of informatics theories, translational informatics research, and generating evidence for practice. Prerequisite: NURS 6323 or permission of instructor. Three lecture hours a week. Credit: Three hours.

NURS 6343. Writing for Publication. Synthesis of relative nursing literature and application of specific journal manuscript criteria and formal rules of writing. Analysis of critiques of manuscripts and appreciation of the editorial process. Preparation and submission of manuscript to nursing peer-reviewed journal. Three seminar hours a week. Credit: Three hours.

NURS 6503. Exploring Scientific Literature. Development of a process for identifying appropriate nursing and healthcare literature, and analysis necessary for producing a comprehensive appraisal of reviewed literature. Three lecture hours a week. Credit: Three hours.

NURS 6523. Qualitative Nursing Research. Theoretical nature and methods of qualitative nursing research to address substantive human health problems including philosophical underpinnings, major design choices, methods, and analysis. Prerequisites or Co-requisites: NURS 6023 or permission of the instructor, and completion of Human Subjects Training. Three lecture hours a week. Credit: Three hours.

NURS 6533. Theory for Nursing Research and Practice. Theoretical foundations of nursing knowledge, including strategies for theory development. Examination and critical evaluation of theories, concepts, and models for testability and pragmatic use in practice and research. Relationship between philosophy and theory; inductive and deductive reasoning as applied to current nursing and health problems. Application of theories from nursing and other disciplines. Three lecture hours a week. Credit: Three hours.

NURS 6543. Quantitative Nursing Research. Application of quantitative theories and methods to address substantive health problems. Prerequisites or co-requisites: NURS 6533 or permission of instructor, and Human Subjects Training. Three lecture hours a week. Credit: Three hours.


NURS 6583. Nursing Research Feasibility Practicum. Research experience to assess rigor of the dissertation research proposal. Strategies for examining implementation potential of proposed study. Initiation of formal candidacy process. One lecture and four to eight hours of research practicum a week under faculty supervision. Prerequisite: NURS 6573. Credit: Three hours.

NURS 6593. Determinants of Health. Determinants of health including social and economic factors, individual characteristics and behaviors, environmental health, health services, and policy. Concepts of diversity, health equity, and population health. Analysis, critique, and synthesis of multisector and multidisciplinary interventions to inform practice, policy, and scholarly inquiry. Three lecture hours a week. Credit: Three hours.

NURS 6613. Introduction to Clinical Investigation in Nursing. Quantification and interpretation of clinical nursing phenomena with emphasis on analysis of relational statements and propositions in theories and conceptual frameworks. Three lecture hours a week. Credit: Three hours.

NURS 6623. Systematic Inquiry in Nursing. Analysis of clinical nursing phenomena with emphasis on advanced quantification and interpretation of clinical data in analysis of models and theoretical statements in nursing. Three lecture hours a week. Credit: Three hours.

NURS 6813. Data Applications for Health Promotion In Nursing. Exploration of publicly available and proprietary health care resource data sites for data extraction, data management, and trend analysis for the enhancement of health promotion in nursing and other health fields. Three seminar hours a week. Credit: Three hours.

NURS 6853. Interaction Design in Healthcare. Advanced human-computer user-centered interaction design and application to health information systems, medical devices, consumer health websites, and other healthcare-related systems; user-centered design, usability, and human-computer interaction. Three lecture hours a week. Credit: Three hours.

NURS 6893. Interprofessional Informatics Synthesis. Culminating organization and/or community-based interdisciplinary/interprofessional project supported through informatics and technology and applied to a selected course-specific domain to demonstrate knowledge and skills acquired in the Interprofessional Informatics certificate program; focus on improvement of health care delivery and quality outcomes. Immersive, investigative, and reflective opportunity for deep study on a selected area of practice/application domain. Three seminar hours a week. Credit: Three hours.

NURS 6903. Special Topics. Selected current topics in nursing. Three lecture hours a week. Credit: Three hours.

NURS 6911. Independent Study. Individual study of a selected problem in nursing. Prerequisite: Permission of instructor. Credit: One hour.

NURS 6913. Independent Study. Individual study of a selected problem in nursing. Prerequisite: Permission of instructor. Credit: Three hours.

NURS 6933. Analysis of Nurse-Generated Data. Use of SPSS software for preparation and evaluation of nurse-generated data. Emphasis on selection and performance of descriptive and inferential statistical tests, and interpretation and reporting of results of nursing studies. May not be taken to replace a required statistics course. Three seminar hours a week. Credit: Three hours.

NURS 6943. Technology-Enhanced Health Promotion. Interactive selection and application of current technological advances and software for health promotion and self-management of underserved populations across disciplines. Three lecture hours a week. Credit: Three hours.

NURS 6963. Telehealth and Remote Monitoring. Telehealth and remote monitoring in post-acute delivery of care services provided in an interprofessional education competency framework aimed at healthcare improvement for underserved populations. Includes skills development for telemedicine cart use. Three lecture hours a week. Credit: Three hours.

NURS 6983. Dissertation. Prerequisite: NURS 6983. Credit: Three hours.

NURS 6993. Dissertation. Prerequisite: NURS 6993. Credit: Three hours.