

# GRADUATE PROGRAMS

## Approval Accreditation

The master's degree in nursing, the doctor of nursing practice program and the post-graduate APRN certificate program at The University of Toledo College of Nursing are accredited by the Commission on Collegiate Nursing Education (a (<http://www.utoledo.edu/nursing/ccneaccreditation.org>)[acnnursing.org/ccne](http://acnnursing.org/ccne) (<https://www.aacnnursing.org/ccne/>)).

## Approval

The University of Toledo College of Nursing Graduate Entry Program has full approval by the Ohio Board of Nursing.

### Degrees Offered

- Doctor of Nursing Practice: (Post-Baccalaureate to DNP) (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/doctor-nursing-practice-post-baccalaureate-bsn-dnp/>)
- Doctor of Nursing Practice: (Post-Master's to DNP) (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/doctor-nursing-practice-post-master-msn-dnp/>)
- Graduate Certificate: Adult Gerontology Acute Care Nurse Practitioner Program (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/graduate-certificate-adult-gerontology-acute-care-nurse-practitioner/>)
- Graduate Certificate: Adult Gerontology Primary Care Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/graduate-certificate-adult-gerontology-primary-care-nurse-practitioner/>)
- Graduate Certificate: Family Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/graduate-certificate-family-nurse-practitioner/>)
- Graduate Certificate: Pediatric Primary Care Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/graduate-certificate-pediatric-primary-care-nurse-practitioner/>)
- Graduate Certificate: Psychiatric Mental Health Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/graduate-certificate-psychiatric-mental-health-nurse-practitioner/>)
- MS in Nursing Graduate Entry (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/graduate-entry-master-of-science-in-nursing/>)
- MS in Nursing Adult Gerontology Acute Care Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/ms-nursing-adult-gerontology-acute-care-nurse-practitioner/>)
- MS in Nursing: Adult Gerontology Primary Care Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/ms-nursing-adult-gerontology-nurse-practitioner/>)
- MS in Nursing: Family Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/ms-nursing-family-nurse-practitioner/>)

- MS in Nursing: Pediatric Primary Care Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/ms-nursing-pediatric-primary-care-nurse-practitioner/>)
- MS in Nursing: Psychiatric Mental Health Nurse Practitioner (<http://utoledo-public.courseleaf.com/graduate/nursing/degrees-programs/ms-nursing-psychiatric-mental-health-nurse-practitioner/>)

### NURS 5000 Population Focused Nursing

[4 credit hours]

Focus on exploring population and community health, applying nursing and other related sciences to assess populations, communities, and aggregates to design effective nursing systems in collaboration with partners to improve health.

**Corequisites:** NURS 5001, NURS 5002, NURS 5003

**Term Offered:** Fall

### NURS 5001 Health Assessment and Technical Competencies I

[5 credit hours]

Focus on holistic assessment of diverse populations across the lifespan. Emphasis on the application of knowledge and skills through experiential and interprofessional activities, while laying the foundation for scholarly inquiry.

**Corequisites:** NURS 5000, NURS 5002, NURS 5003

**Term Offered:** Fall

### NURS 5002 Physiology and Pathophysiology I

[3 credit hours]

Examine physical, biological, nutritional, microbiological sciences and principles related to human physiology. Focus on advanced physiologic and pathophysiologic mechanisms underlying human responses of nutritional, genetic, inflammatory, immune, and nervous system diseases.

**Corequisites:** NURS 5000, NURS 5001, NURS 5003

**Term Offered:** Fall

### NURS 5003 Professional Socialization

[3 credit hours]

Understanding of the professional nursing role including historical, legal, ethical, political, economic, and cultural diversity that impact nursing practice. Examine nursing theories and models of professional nursing practice.

**Corequisites:** NURS 5000, NURS 5001, NURS 5002

**Term Offered:** Fall

### NURS 5004 Nursing Care of Adults in Health and Illness

[5 credit hours]

Focus on health promotion, disease prevention, and implementation of evidence-based care with emphasis on nursing interventions, management, and the evaluation of effectiveness in the care of adults with chronic health problems.

**Prerequisites:** NURS 5000 with a minimum grade of B and NURS 5001 with a minimum grade of B and NURS 5002 with a minimum grade of B

**Corequisites:** NURS 5005, NURS 5006, NURS 5007

**Term Offered:** Spring

**NURS 5005 Health Assessment and Technical Competencies II**

[3 credit hours]

Focus on application of assessment skills and demonstrating safe procedures for high-risk interventions in simulated experiences. Emphasis on the concepts of clinical judgment, professional behaviors, and interprofessional collaboration.

**Prerequisites:** NURS 5000 with a minimum grade of B and NURS 5001 with a minimum grade of B and NURS 5002 with a minimum grade of B

**Corequisites:** NURS 5004, NURS 5006, NURS 5007

**Term Offered:** Spring

**NURS 5006 Physiology and Pathophysiology II**

[3 credit hours]

Focus on advanced physiologic and pathophysiologic mechanisms underlying disease processes across the life span and prevention strategies. Examine cardiovascular, respiratory, endocrine, musculoskeletal, nervous, genitourinary, hepatobiliary, renal, integumentary and gastrointestinal systems.

**Prerequisites:** NURS 5002 with a minimum grade of B

**Corequisites:** NURS 5004, NURS 5005, NURS 5007

**Term Offered:** Spring

**NURS 5007 Pharmacology for the Graduate Entry Nurse**

[3 credit hours]

Focus on pharmacologic principles with emphasizes on physiological responses to drugs, expected outcomes, and potential drug interactions. Prepares for critical thinking in application of pharmacotherapy principles to nursing practice.

**Prerequisites:** NURS 5000 with a minimum grade of B and NURS 5001 with a minimum grade of B and NURS 5002 with a minimum grade of B and NURS 5003 with a minimum grade of B

**Corequisites:** NURS 5004, NURS 5005, NURS 5006

**Term Offered:** Spring, Summer

**NURS 5008 Healthcare for Women and Children**

[5 credit hours]

Using Orem's SCDT, students design and implement nursing systems that assist individuals and families with complex problems to achieve and maintain optimal health. End of life care is addressed.

**Prerequisites:** NURS 5004 with a minimum grade of B and NURS 5005 with a minimum grade of B and NURS 5006 with a minimum grade of B and NURS 5007 with a minimum grade of B

**Corequisites:** INDI 6000, NURS 5009

**Term Offered:** Summer

**NURS 5009 Mental Health and Therapeutic Communications**

[3 credit hours]

Students will develop a psychotherapeutic relationship with individuals, groups, and families who are experiencing complex mental health disorders, including substance abuse, trauma, serious mental illness, and impaired functioning.

**Corequisites:** INDI 6000, NURS 5008

**Term Offered:** Summer

**NURS 5040 Hlth Assess and Nrs Prmng Hlth**

[6 credit hours]

Using Orem's SCDT, students assess individuals and families and apply the nursing process in order to promote the health of individuals and families across the life span. Includes 30 clinical hours.

**Term Offered:** Fall

**NURS 5050 Integrative Hlth Science I**

[3 credit hours]

Examines foundational chemical, physical, cellular biological, and microbiological principles of human physiology. Focuses on advanced physiologic and pathophysiologic mechanisms underlying human responses to genetic, defense, and nervous system disease.

**Term Offered:** Fall

**NURS 5140 Designing Nursing Systems to Promote Self-Care**

[6 credit hours]

Apply Orem's SCDT in the design and implementation of nursing systems that assist individuals and families in achieving and maintaining optimal health. Includes 90 clinical hours.

**Prerequisites:** NURS 5040 with a minimum grade of B

**Term Offered:** Spring

**NURS 5190 Advance Interpersonal Intervention**

[3 credit hours]

Integrates interpersonal strategies and complementary modalities through peer counseling and supervision. Analyzes personal abilities and limitations in developing therapeutic relationships with individuals and groups. Includes 60 hours lab.

**Term Offered:** Spring, Fall

**NURS 5220 Field Experience Seminar**

[1-3 credit hours]

Program capstone experience that integrates nursing theory, research, and practice to fulfill the requirements of the MSN degree.

**Term Offered:** Spring, Summer, Fall

**NURS 5240 Designing Nursing Systems for Compromised Health States**

[6 credit hours]

Using Orem's SCDT, students design and implement nursing systems that assist individuals and families with complex problems to achieve and maintain optimal health. End of life care is addressed. Includes 120 clinical hours.

**Prerequisites:** NURS 5140 with a minimum grade of B

**Term Offered:** Summer

**NURS 5250 Health Science II**

[3 credit hours]

Focuses on advanced physiologic and pathophysiologic mechanisms underlying disease across the life span. Examines cardiovascular, respiratory, endocrine, muscular skeletal, nervous, genitourinary, hepatobiliary, renal, integumentary and gastrointestinal systems.

**Prerequisites:** NURS 5040 with a minimum grade of B and NURS 5060 with a minimum grade of B and NURS 5070 with a minimum grade of B

**Corequisites:** NURS 5050

**Term Offered:** Spring

**NURS 5330 Health Assessments**

[3 credit hours]

Focuses on acquisition of graduate level skills in collection and documentation of assessment data across the life-span. Differentiates normal from abnormal findings. Supervised laboratory practice is required.

**Term Offered:** Summer

**NURS 5400 Theoretical and Ethical Found**

[3 credit hours]

Explores roots of nursing as a science and art. Examines personal and professional values in the context of ethical decision-making. Emphasis is on analysis and evaluation of selected nursing and ethical theories. Course Enrollment is Limited.

**Term Offered:** Spring, Fall**NURS 5440 Population Focused Care**

[6 credit hours]

Students apply epidemiological principles and Orem's SCDT to improve the health status of aggregates, vulnerable populations and communities. Includes 90 clinical hours.

**Prerequisites:** INDI 6000 with a minimum grade of B**Corequisites:** NURS 5240**Term Offered:** Fall**NURS 5500 Family and Cultural Diversity**

[3 credit hours]

Explores family and cultural diversity theories and processes. Examines assessment, analysis and evaluation of family function. Analyzes cultural competence of advanced practice nursing. Course Enrollment is Limited.

**Term Offered:** Spring, Fall**NURS 5510 Advanced Clinical Seminar: Nursing**

[4 credit hours]

Application of nursing theory and research with clients in wellness promotion or complex care states. Emphasis is on the assessment and analysis of human responses and outcomes of care.

**Prerequisites:** NURS 5330 with a minimum grade of B and NURS 5400 with a minimum grade of B and NURS 5680 with a minimum grade of B**Term Offered:** Fall**NURS 5530 Public Policy and Health Care**

[3 credit hours]

Explores the public policy process from agenda setting through program evaluation. Focus is on how health problems are brought to the attention of government and solutions are obtained. Some field work is expected.

**Term Offered:** Spring, Summer, Fall**NURS 5540 Adv Practicum Nurs Sys Design**

[12 credit hours]

Students demonstrate integration of nursing knowledge and skill in designing and implementing nursing systems in a capstone clinical experience. Includes 300 clinical hours.

**Term Offered:** Spring**NURS 5610 Psychiatric-Mental Health Nurse Practitioner Theory and Clinical I Adults**

[7 credit hours]

The first course in the Psychiatric-Mental Health Nurse Practitioner track focuses on preparing the student in the advanced practice role of assessment, diagnosis, and treatment planning of select acute and chronic psychiatric disorders and mental health care needs of individuals across the lifespan.

**Prerequisites:** NURS 5740 with a minimum grade of B**Corequisites:** NURS 5680, NURS 5690**NURS 5620 Psychiatric-Mental Health Nurse Practitioner Theory and Clinical II Child, Adolescent, Family**

[7 credit hours]

The course explores the major group and family psychotherapeutic approaches. Theories and models of group and family psychotherapy are examined as they can be applied across the lifespan, with diverse populations, and in traditional and non-traditional settings.

**Prerequisites:** NURS 5610 with a minimum grade of B and NURS 5690 with a minimum grade of B and NURS 5680 with a minimum grade of B**NURS 5630 Psychiatric-Mental Health Nurse Practitioner Theory and Clinical III Older Adults**

[9 credit hours]

Focuses on the role of the advanced practice nurse in management of children, adolescents, adults, older adults with acute or chronic psychiatric or mental health concerns.

**Prerequisites:** NURS 5610 with a minimum grade of B and NURS 5620 with a minimum grade of B and NURS 5680 with a minimum grade of B and NURS 5690 with a minimum grade of B**NURS 5670 Pharmacology**

[3 credit hours]

Focuses on fundamental pharmacological principles. Prepares for critical thinking in application of pharmacotherapy principles to nursing. Emphasizes physiological responses to drugs, expected outcomes, and potential drug interactions.

**Prerequisites:** NURS 5050 with a minimum grade of B and NURS 5040 with a minimum grade of B and NURS 5060 with a minimum grade of B and NURS 5070 with a minimum grade of B**Term Offered:** Spring, Summer**NURS 5680 Advanced Physiology and Pathophysiology**

[3 credit hours]

Focuses on advanced physiologic and pathophysiologic mechanisms underlying human responses to illness across the life-span. Students will build on existing knowledge of human anatomy and physiology.

**Term Offered:** Spring, Fall**NURS 5690 Advanced Pharmacotherapeutics**

[3 credit hours]

Focuses on advanced pharmacologic principles in decision making for pharmacotherapy. Emphasizes physiological responses to drugs, expected outcomes, adverse reactions, and potential drug interactions. Discusses professional responsibilities of prescriptive privileges.

**Prerequisites:** NURS 7680 with a minimum grade of B**Term Offered:** Spring, Fall**NURS 5740 Advanced Health Assessment**

[4 credit hours]

Focuses on acquisition of advanced skills in collection and documentation of assessment data across the life span. Differentiates normal from abnormal findings. Supervised laboratory practice is required. Course Enrollment is Limited. Includes 60 hours laboratory.

**Prerequisites:** NURS 5680 with a minimum grade of B**Term Offered:** Spring

**NURS 5810 Pediatric Nurse Practitioner Clinical I: Care of Children and Concepts of Wellness**

[6 credit hours]

Focuses on the health care needs of children and adolescents and principles of health promotion and wellness. Students will have an opportunity to begin development of skills in primary and specialty care settings. Includes 180 hours clinical.

**Prerequisites:** NURS 5740 with a minimum grade of B and NURS 5680 with a minimum grade of B and NURS 5400 with a minimum grade of B

**Term Offered:** Summer

**NURS 5820 PNP Clin II: Acute/Chronic**

[6 credit hours]

Focuses on the care of children and adolescents with an emphasis on the management of common acute and stable chronic illnesses. Includes 180 hours clinical.

**Term Offered:** Fall

**NURS 5830 Pediatric Nurse Practitioner Clinical III: Complex, Chronic Illnesses or Disabilities**

[6 credit hours]

Focuses on management of common and complex acute and chronic conditions of children and adolescents. Issues of disability and developmental conditions are addressed. Emphasis is on integration of the advanced practice role.

**Prerequisites:** NURS 5820 with a minimum grade of B

**Term Offered:** Spring

**NURS 5910 Advanced Research for Evidence Based Nursing Practice**

[3 credit hours]

Critically evaluate published research for clinical relevance, identify a research problem, select a conceptual framework, review selected literature, and prepare a quantitative or qualitative research proposal.

**Prerequisites:** (NURS 5400 with a minimum grade of B and INDI 6000 with a minimum grade of C) or (NURS 7400 with a minimum grade of B and INDI 8000 with a minimum grade of C)

**Term Offered:** Spring, Summer, Fall

**NURS 5980 Comprehensive Exam in Nursing**

[3 credit hours]

Program capstone emphasizes independent comprehensive review preparation for exams with synthesis of knowledge from the total graduate nursing curriculum and review of relevant literature in selected field of study.

**Term Offered:** Spring, Summer, Fall

**NURS 6001 Nursing Care of Adults with Complex Health Problems**

[5 credit hours]

Focus on management and care of patients with complex health problems in acute-care settings. Emphasis is on utilization of the nursing process, evidence-based care, leadership, interprofessional collaboration, refinement of clinical judgement, and decision-making skills for safe and effective quality health care.

**Prerequisites:** NURS 5001 with a minimum grade of B and NURS 5002 with a minimum grade of B and NURS 5003 with a minimum grade of B and NURS 5004 with a minimum grade of B and NURS 5005 with a minimum grade of B and NURS 5006 with a minimum grade of B and NURS 5007 with a minimum grade of B

**Corequisites:** NURS 5530, NURS 5910, NURS 6002

**Term Offered:** Fall

**NURS 6002 Quality and Informatics in Healthcare**

[3 credit hours]

Exploration of informatics utilized in and supporting evidence-based practice, and quality in healthcare. Utilization of theory, methods, tools, and processes for identifying and analyzing issues, appraisal of appropriate action selection, implementation, and evaluation for improvement and control of quality outcomes in healthcare organizations.

**Corequisites:** NURS 5530, NURS 5910, NURS 6001

**Term Offered:** Fall

**NURS 6003 Experiencing Nursing Systems Practicum**

[7 credit hours]

Focus on integration of nursing knowledge and skills in designing, implementing and evaluating nursing systems addressing client needs while partnered with an expert registered nurse in clinical experiences.

**Prerequisites:** NURS 5000 with a minimum grade of B and NURS 5004 with a minimum grade of B and NURS 5008 with a minimum grade of B and NURS 6001 with a minimum grade of B

**Corequisites:** NURS 6004

**Term Offered:** Spring

**NURS 6004 Professional Nurse Competency**

[2 credit hours]

Focus on preparation for the National Council Licensure Examination for Registered Nurses NCLEX-RN, through content review and test-taking practice.

**Prerequisites:** NURS 5000 with a minimum grade of B and NURS 5001 with a minimum grade of B and NURS 5002 with a minimum grade of B and NURS 5003 with a minimum grade of B and NURS 5004 with a minimum grade of B and NURS 5005 with a minimum grade of B and NURS 5006 with a minimum grade of B and NURS 5007 with a minimum grade of B and NURS 5008 with a minimum grade of B and NURS 5009 with a minimum grade of B and NURS 5530 with a minimum grade of B and NURS 5910 with a minimum grade of B and NURS 6001 with a minimum grade of B and NURS 6002 with a minimum grade of B and INDI 6000 with a minimum grade of B

**Corequisites:** NURS 6003

**Term Offered:** Spring

**NURS 6070 Adv Comm Skills Grp Dynamics**

[3 credit hours]

Focuses on advanced therapeutic communication skills in the nurse-client relationship and analysis of Self-care agency. Complementary modalities are explored. Includes 30 clinical hours.

**Term Offered:** Fall

**NURS 6140 Advanced Practice Nurse: Roles and Issues**

[2 credit hours]

Focuses on the issues and role of the advanced practice nurse, including historical and current perspectives of the advanced role. Examines health care system issues pertaining to advanced practice.

**Term Offered:** Spring, Fall

**NURS 6210 Family Nurse Practitioner Clinic I: Primary Care of Adolescent and Adult**

[7 credit hours]

Focuses on primary care of common and chronic illness of adolescents and adults. Clinical experiences will continue to incorporate women and children, adults, and target populations. Includes 180 clinical hours.

**Prerequisites:** NURS 5740 with a minimum grade of B and NURS 5680 with a minimum grade of B

**Term Offered:** Summer

**NURS 6220 Family Nurse Practitioner Clinical II: Primary Care of Women and Children**

[7 credit hours]

Focuses on the primary care of children and women's health and includes normal prenatal care. Emphasis is on health promotion and common acute illness. Includes 180 clinical hours.

**Prerequisites:** NURS 6210 with a minimum grade of B and NURS 5690 with a minimum grade of B

**Term Offered:** Fall

**NURS 6230 Family Nurse Practitioner Clinical III: Primary Care of Adults and Older Adults**

[8 credit hours]

Focuses on primary care management of acute and chronic conditions of adults and older adults. Urgent care issues are addressed. Emphasizes integration of primary care concepts across the life span. Includes 240 clinical hours.

**Prerequisites:** NURS 6220 with a minimum grade of B

**Term Offered:** Spring

**NURS 6310 Adult Gerontology Nurse Practitioner Theory and Clinical I Adolescents and Young Adults**

[7 credit hours]

Holistic care of culturally diverse adolescents and young adults in multiple care settings. Assessment and management of common acute and chronic health problems with emphasis on health promotion and risk reduction.

**Prerequisites:** NURS 5740 with a minimum grade of B and NURS 5680 with a minimum grade of B

**NURS 6320 Adult Gerontology Nurse Practitioner Theory and Clinical II Adults**

[7 credit hours]

Holistic care of culturally diverse adults in multiple care settings with emphasis on gender specific health care needs and principles of health promotion and wellness.

**Prerequisites:** NURS 6310 with a minimum grade of B and NURS 5690 with a minimum grade of B

**NURS 6330 Adult Gerontology Nurse Practitioner Theory and Clinical III Older Adults**

[8 credit hours]

Holistic care of culturally diverse older adults in multiple care settings with emphasis on care management of acute and chronic conditions, emergent issues and end of life concerns.

**Prerequisites:** NURS 6320 with a minimum grade of B

**NURS 6420 Acute Care Nurse Practitioner Clinical I: Acute Management of Late Adolescents and Young Adults**

[8 credit hours]

The purpose of this course is to provide students with a strong foundation in clinical decision-making, role development, and procedural skills in the acute care management of diverse populations of late adolescents and young adult patients.

**Prerequisites:** (NURS 5400 with a minimum grade of B and NURS 5680 with a minimum grade of B and NURS 5690 with a minimum grade of B and NURS 5740 with a minimum grade of B and INDI 6000 with a minimum grade of C) or (NURS 7400 with a minimum grade of B and NURS 7680 with a minimum grade of B and NURS 7740 with a minimum grade of B or NURS 7170 with a minimum grade of B and NURS 7690 with a minimum grade of B and INDI 8000 with a minimum grade of C)

**Term Offered:** Spring, Summer, Fall

**NURS 6430 Acute Care Nurse Practitioner Clinical II: Acute Management of Adults and Older Adults**

[7 credit hours]

The purpose of this course is to integrate evidence-based clinical knowledge in diagnosing and acute care management of adults and older adults with complex, acute and chronic conditions.

**Prerequisites:** NURS 6420 with a minimum grade of B

**Term Offered:** Spring, Summer, Fall

**NURS 6440 Acute Care Nurse Practitioner Clinical III: Acute Management of Older Adults and Frail Elderly**

[8 credit hours]

The purpose of this course is to utilize evidence-based knowledge and advanced clinical skills in diagnosing and managing older adults and frail elderly with complex acute and chronic conditions.

**Prerequisites:** NURS 6430 with a minimum grade of B

**Term Offered:** Spring, Fall

**NURS 6710 Develop Instruc Progrm Nursing**

[3 credit hours]

Focuses on skills to develop curricular components for nursing instructional programs. Examines the relationships among mission, philosophy, goals, and outcomes for various learning environments.

**Term Offered:** Summer

**NURS 6720 Tchg, Lrng and Evaluation Nurs**

[4 credit hours]

Focuses on teaching-learning theories, processes, strategies, and styles. Examines evaluation principles and strategies in the classroom and clinical setting.

**Term Offered:** Spring

**NURS 6730 Practicum/Seminar in Teaching**

[4 credit hours]

Applies knowledge of learning and evaluation theories in the development and implementation of a program of instruction. Within a seminar format, emphasizes significant issues in healthcare education.

**Prerequisites:** NURS 6710 with a minimum grade of B and NURS 6720 with a minimum grade of B

**Term Offered:** Fall

**NURS 6890 Independent Study in Nursing**

[1-4 credit hours]

The student and faculty member agree on a course of study that will enable the student to achieve his/her objectives. An Independent Study Contract and Evaluation Form are submitted to the Associate Dean of the Graduate Nursing Program. May be repeated for credit.

**Term Offered:** Spring, Summer, Fall**NURS 6990 Thesis Research**

[1-3 credit hours]

Research in nursing to fulfill the research requirement of the Nursing Master's Program. The (required) 3 credit hours may be divided and repeated across semesters. Only 3 credit hours are applicable for the degree. May be repeated for credit.

**Term Offered:** Spring, Summer, Fall**NURS 7000 BSN-DNP Orientation**

[1 credit hour]

Focuses on pertinent information needed by incoming students in the BSN-DNP Program. Emphasis on requirements of The University of Toledo and the College of Nursing to matriculate in the Program

**Term Offered:** Spring, Fall**NURS 7010 Scientific Basis of Nursing Practice**

[3 credit hours]

This course examines nursing science from a broad range of perspectives. The emphasis is on identification and analysis of nursing phenomena, use of nursing science to manage phenomena, and evaluation of outcomes.

**Term Offered:** Fall**NURS 7011 Implementation Science for Evidence-Based Practice**

[3 credit hours]

This 3-credit course examines the inter-relationship between theory, research, and practice along with the nature of scientific knowledge development in nursing. Focus is on critical analysis and evaluation of theory and its use for designing evidence-based practice protocols.

**Prerequisites:** NURS 7400 with a minimum grade of B**Term Offered:** Spring, Summer, Fall**NURS 7020 Org Systems Leadership in Hlth**

[3 credit hours]

This course examines the application of organizational and leadership theories and strategies to assess process and outcomes in a variety of health care settings. Focus is on the role of the advanced practice nurse in analyzing clinical patterns and issues in complex practice settings, health care organizations, and communities.

**Term Offered:** Fall**NURS 7030 Qual Mgmt/Perf Improve Hlth Or**

[3 credit hours]

Examines principles/practice of quality management/clinical performance in care delivery and outcomes. Focuses on role and accountability of the advanced practice nurse/collaborative team for maintaining safety and improving quality of care.

**Term Offered:** Spring, Fall**NURS 7040 Applied Nursing Research**

[3 credit hours]

This course builds on knowledge of research and clinical practice with emphasis on evidence-based practice. Students learn to critically examine and apply nursing research within the practice setting.

**Term Offered:** Spring, Fall**NURS 7050 Information and Technology in Nursing and Health Care Systems**

[3 credit hours]

Systematic assessment of clinical and administrative information needs of health care systems. Examines the technology and strategies needed to support patients, nurses, and health care delivery in dynamic environmental systems.

**Term Offered:** Spring, Fall**NURS 7060 Population Health**

[3 credit hours]

This course uses epidemiologic models to analyze interventions for health care-delivery systems. The focus is on safe, ethical, equitable and culturally-appropriate advanced nursing practice activities to meet emerging world needs for population health.

**Prerequisites:** INDI 6000 with a minimum grade of B or INDI 8000 with a minimum grade of B**Term Offered:** Spring, Summer, Fall**NURS 7070 Mktg/Entrep Act Cmplx Hlth Cr**

[3 credit hours]

This course examines marketing and entrepreneurial strategies for advanced nursing practice in complex health care systems. The focus is on creating and evaluating marketing plans and entrepreneurial activities.

**Term Offered:** Spring**NURS 7080 Evidence Based Nursing Practice in Direct Care**

[3 credit hours]

This course examines diagnostic laboratory and imaging methods as foundational evidence for assessment and intervention in the care of patient populations. The focus is on examining the basis for diagnosis using laboratory and imaging procedures, assessing the quality and reliability/sensitivity of diagnostic test results, understanding the technology used in diagnostic testing, and utilizing cost-benefit data in ordering diagnostic testing.

**Term Offered:** Spring, Fall**NURS 7090 Project Seminar**

[1-3 credit hours]

This course provides a forum to articulate and explore advanced nursing practice roles and responsibilities. The focus will be on leading nursing practice in patient advocacy, teaching, collaboration, and the design and provision of care.

**Prerequisites:** NURS 7040 with a minimum grade of B**Term Offered:** Summer, Fall**NURS 7100 Doctoral Project**

[1-3 credit hours]

This course is guided, independent project utilizing research to improve patient outcomes, health care delivery, or nursing practice.

**Prerequisites:** NURS 7011 with a minimum grade of B**Term Offered:** Spring, Summer, Fall**NURS 7170 Advanced Health Assessment for the DNP**

[4 credit hours]

Focuses on acquisition of advanced skills in collection and documentation of assessment data across the life span. Differentiates normal from abnormal findings. Supervised laboratory practice is required.

**Prerequisites:** NURS 7680 with a minimum grade of B**Term Offered:** Summer

**NURS 7180 Evidence-based Leadership in Complex Health Systems**

[3 credit hours]

This course examines evidence practices in administrative health care settings. The focus is on examining current status and creating and evaluating innovative administrative practices based on best practices. Competencies include model application for finance and clinical outcomes.

**Prerequisites:** NURS 7060 with a minimum grade of B**Term Offered:** Fall**NURS 7200 Transformational and Systems Leadership for the DNP**

[3 credit hours]

This course examines the application of organizational and leadership theories and strategies to assess process and outcomes in a variety of health care settings. Focus is on the role of the advanced practice nurse in analyzing clinical patterns and issues in complex practice settings, health care organizations and communities.

**Term Offered:** Spring, Summer, Fall**NURS 7210 Family Nurse Practitioner Clinical I: Primary Care of Adolescents and Adults**

[7 credit hours]

Focuses on primary care of common/chronic illness of adolescents, adults includes beginning understanding of role of APN in primary care includes development of therapeutic relationships. Clinical experiences include populations across the lifespan.

**Prerequisites:** NURS 7680 with a minimum grade of B and NURS 7400 with a minimum grade of B and (NURS 7740 with a minimum grade of B or NURS 7170 with a minimum grade of B)**Corequisites:** NURS 7690**Term Offered:** Summer**NURS 7220 Family Nurse Practitioner Clinical II: Primary Care of Women and Children**

[7 credit hours]

Focuses on primary care of children/women's health. Emphasis on health promotion and common acute illness, role development,

**Prerequisites:** NURS 7210 with a minimum grade of B and NURS 7690 with a minimum grade of B**Term Offered:** Fall**NURS 7230 Family Nurse Practitioner Clinical III: Primary Care of Adults and Older Adults**

[8 credit hours]

Focuses on primary care management of acute/chronic conditions of adults/older adults. Urgent care issues are addressed. Emphasizes holistic care across the lifespan integrating primary care concepts. Explores professional APN leadership role.

**Prerequisites:** NURS 7220 with a minimum grade of B**Term Offered:** Spring, Fall**NURS 7240 Quality, Safety and Advocacy Strategies**

[3 credit hours]

Examines the principles and practice of quality management in health care organizations and clinical performance in care delivery and outcomes. Focus is on the role and accountability of the DNP prepared nurse working with a collaborative team for maintaining safety, and improving quality of care.

**Term Offered:** Spring, Summer, Fall**NURS 7310 Adult Gerontology Nurse Practitioner Theory and Clinical 1 Adolescents and Young Adults**

[7 credit hours]

Holistic care of culturally diverse adolescents and young adults in multiple care settings. Assessment and management of common acute and chronic health problems with emphasis on health promotion and risk reduction. Clinical experiences across the lifespan with ongoing development of the nurse practitioner role and scope of practice.

**Prerequisites:** NURS 7400 with a minimum grade of B and NURS 7680 with a minimum grade of B and (NURS 7740 with a minimum grade of B or NURS 7170 with a minimum grade of B)**Corequisites:** NURS 7690**Term Offered:** Spring**NURS 7320 Adult Gerontology Nurse Practitioner Theory and Clinical II Adults**

[7 credit hours]

Holistic care of culturally diverse adults in multiple care settings with emphasis on gender specific health care needs and principles of health promotion and wellness. Clinical experiences across the adult lifespan with ongoing development of the nurse practitioner role and scope of practice.

**Prerequisites:** NURS 7310 with a minimum grade of B and NURS 7690 with a minimum grade of B**Term Offered:** Fall**NURS 7330 Adult Gerontology Nurse Practitioner Theory and Clinical III Older Adults**

[8 credit hours]

Holistic care of culturally diverse older adults (and families) in multiple care settings with emphasis on care management of acute and chronic conditions, emergent issues and end of life concerns. Clinical experiences across the adult lifespan with ongoing development of the nurse practitioner role and scope of practice.

**Prerequisites:** NURS 7320 with a minimum grade of B**Term Offered:** Spring**NURS 7400 Theoretical Foundations of Advanced Nursing Practice**

[2 credit hours]

Explores nursing as science and art. Identifies practice theory in the context of the nursing metaparadigm, grand and middle range theory with emphasis on analysis/evaluation of selected nursing theories.

**Term Offered:** Spring, Summer, Fall**NURS 7410 Ethical Foundations of Advanced Nursing Practice**

[2 credit hours]

Examines the inter-relationship between theory, research, practice in ethical decision-making. Focuses on critical analysis/evaluation of selected ethical theories, values, professional codes of ethics related to evidence-based practices.

**Prerequisites:** NURS 7000 (may be taken concurrently) with a minimum grade of B and NURS 7400 (may be taken concurrently) with a minimum grade of B**Corequisites:** NURS 7000**Term Offered:** Spring

**NURS 7420 Acute Care Nurse Practitioner Clinical I: Acute Management of Late Adolescents and Young Adults**

[8 credit hours]

The purpose of this course is to provide students with a strong foundation in clinical decision-making, role development, and procedural skills in the acute care management of diverse populations of late adolescents and young adult patients.

**Prerequisites:** (NURS 5400 with a minimum grade of B and NURS 5680 with a minimum grade of B and NURS 5690 with a minimum grade of B and NURS 5740 with a minimum grade of B and INDI 6000 with a minimum grade of C) or (NURS 7400 with a minimum grade of B and NURS 7680 with a minimum grade of B and NURS 7740 with a minimum grade of B or NURS 7170 with a minimum grade of B and NURS 7690 with a minimum grade of B and INDI 8000 with a minimum grade of C)

**Term Offered:** Spring, Summer, Fall**NURS 7430 Acute Care Nurse Practitioner Clinical II: Acute Management of Adults and Older Adults**

[7 credit hours]

The purpose of this course is to integrate evidence-based clinical knowledge in diagnosing and acute care management of adults and older adults with complex, acute and chronic conditions.

**Prerequisites:** NURS 6420 with a minimum grade of B**Term Offered:** Spring, Summer, Fall**NURS 7440 Acute Care Nurse Practitioner Clinical III: Acute Management of Older Adults and Frail Elderly**

[8 credit hours]

The purpose of this course is to utilize evidence-based knowledge and advanced clinical skills in diagnosing and managing older adults and frail elderly with complex acute and chronic conditions.

**Prerequisites:** NURS 6430 with a minimum grade of B**Term Offered:** Spring, Fall**NURS 7500 Family and Cultural Diversity Theories**

[3 credit hours]

Explores family and cultural diversity theories and process. Examines assessment, analysis, and evaluation of family function. Analyzes cultural competence of advanced practice nursing.

**Term Offered:** Spring, Fall**NURS 7530 Public Policy and Health Care**

[3 credit hours]

Explores the public policy process from agenda setting through program evaluation. Focus is on how health problems are brought to the attention of government and solutions are obtained. Some field work is expected.

**Term Offered:** Spring, Summer, Fall**NURS 7610 Psychiatric-Mental Health Nurse Practitioner Theory and Clinical I Adult**

[7 credit hours]

The first course in the Psychiatric-Mental Health Nurse Practitioner track focuses on preparing the student in the advanced practice role of assessment, diagnosis, and treatment planning of select acute and chronic psychiatric disorders and mental health care needs of individuals across the lifespan. Students will be introduced to clinical approaches and methods for assessing and evaluating adults.

**Prerequisites:** NURS 7050 with a minimum grade of B and NURS 7400 with a minimum grade of B and NURS 7680 with a minimum grade of B and (NURS 7740 with a minimum grade of B or NURS 7170 with a minimum grade of B)

**Corequisites:** NURS 7690**Term Offered:** Summer**NURS 7620 Psychiatric-Mental Health Nurse Practitioner Theory and Clinical II Child, Adolescent, Family**

[7 credit hours]

Emphasis on increasing ability to assess, diagnose, and treat more complex mental health care needs of individuals and families with particular attention paid to those disorders found in childhood and adolescence.

**Prerequisites:** NURS 7610 with a minimum grade of B and NURS 7690 with a minimum grade of B

**Term Offered:** Fall**NURS 7630 Psychiatric-Mental Health Nurse Practitioner Theory and Clinical III Older Adult**

[9 credit hours]

Focus on acute or chronic psychiatric or mental health issues faced by older adults and their families- dementia, delirium, and depression.

**Prerequisites:** NURS 7610 with a minimum grade of B and NURS 7620 with a minimum grade of B

**Term Offered:** Spring, Fall**NURS 7680 Advanced Physiology and Pathophysiology**

[3 credit hours]

Focuses on advanced physiologic and pathophysiologic mechanisms underlying human responses to illness across their life-span. Students will build on existing knowledge of human anatomy and physiology.

**Term Offered:** Spring, Fall**NURS 7690 Advanced Pharmacotherapeutics**

[3 credit hours]

Focuses on advanced pharmacologic principles in decision making for pharmacotherapy. Emphasizes physiological responses to drugs, expected outcomes, adverse reactions, and potential drug interactions. Discusses professional responsibilities of prescriptive privileges.

**Prerequisites:** NURS 7680 with a minimum grade of B**Term Offered:** Spring, Fall**NURS 7740 Advanced Health Assessment**

[4 credit hours]

Focuses on acquisition of advanced skills in collection and documentation of assessment data across the life span. Differentiates normal from abnormal findings. Supervised laboratory practice is required. Course Enrollment is Limited. Includes 60 hours laboratory.

**Prerequisites:** NURS 5680 with a minimum grade of B**Term Offered:** Spring



**NURS 7810 Pediatric Nurse Practitioner Clinical I: Care of Children and Concepts of Wellness**

[6 credit hours]

Health care for children/adolescents, principles of health promotion/wellness. Understanding of APN role in primary care, development of therapeutic relationships. Competencies in primary care for children from birth to 21 years and families.

**Prerequisites:** NURS 7400 with a minimum grade of B and NURS 7680 with a minimum grade of B and (NURS 7740 with a minimum grade of B or NURS 7170 with a minimum grade of B)

**Corequisites:** NURS 7690

**Term Offered:** Spring

**NURS 7820 Pediatric Nurse Practitioner Clinical II: Common Acute, and Stable Chronic Illnesses**

[6 credit hours]

Care of children/adolescents with an emphasis on the management of common acute and stable chronic illnesses and APN role development. Includes therapeutic communication skills development with individuals and groups.

**Prerequisites:** NURS 7810 with a minimum grade of B and NURS 7690 with a minimum grade of B

**Term Offered:** Fall

**NURS 7830 Pediatric Nurse Practitioner Clinical III: Complex Chronic Illnesses or Disabilities**

[6 credit hours]

Management of complex acute/chronic conditions in children/adolescents. Holistic care for children and families including developmental concerns and disability. Explores APN leadership role. Integration of the advanced practice role.

**Prerequisites:** NURS 7820 with a minimum grade of B

**Term Offered:** Spring

**NURS 7890 Independent Study**

[1-4 credit hours]

NURS 7890 is an academic course completed outside of the required classroom, clinical or college laboratory experiences that provide the learner with an opportunity to pursue an area of interest in depth. This course may not be used to substitute for required courses. The course is supervised by a faculty member and approved by the Program director. A contract must be completed by the student and approved by the faculty member and the program director prior to the semester in which the Independent Study is to be conducted. Faculty approval is required before the student can register for this course.

**Term Offered:** Spring, Summer, Fall

**NURS 7910 Advanced Research for Evidence Based Nursing Practice**

[3 credit hours]

Critically evaluate published research for clinical relevance, identify a research problem, select a conceptual framework, review selected literature, and prepare a quantitative or qualitative research proposal.

**Prerequisites:** (NURS 5400 with a minimum grade of B and INDI 6000 with a minimum grade of C) or (NURS 7400 with a minimum grade of B and INDI 8000 with a minimum grade of C)

**Term Offered:** Spring, Summer, Fall

**NURS 7920 Outcomes Methods for Advanced Practice Nurses**

[3 credit hours]

Emphasis on statistical methods associated with outcome measurement, experimental and quasi-experimental designs, meta-analysis and meta-synthesis. Evaluates nursing evidence in support of evidence-based practice protocol, development and evaluation.

**Prerequisites:** INDI 8000 with a minimum grade of B and NURS 7910 with a minimum grade of B

**Corequisites:** NURS 7040

**Term Offered:** Fall

**NURS 7970 Final Practicum (Direct Care)**

[1-6 credit hours]

Individually precepted practicum that requires advanced nursing practice with individuals and groups. Includes seminar that facilitates synthesis and application of all prior learning for evidence-based practice.

**Prerequisites:** NURS 7010 with a minimum grade of B and NURS 7011 with a minimum grade of B

**Term Offered:** Spring, Summer, Fall

**NURS 7980 Final Practicum (Indirect Care)**

[1-6 credit hours]

Individually precepted practicum that requires leadership and practice at the aggregate/systems/organizational level of health care. Includes required seminar that facilitates application, synthesis, and evaluation of prior learning in applied practice.

**Term Offered:** Spring, Summer, Fall

**NURS 8010 Proposal/Practicum DNP Project 1**

[5 credit hours]

First of three DNP project courses to prepare student to develop a project proposal for defense.

**Prerequisites:** NURS 7400 with a minimum grade of B and NURS 7910 with a minimum grade of B and INDI 8000 with a minimum grade of B and NURS 7011 with a minimum grade of B

**Term Offered:** Spring, Summer, Fall

**NURS 8020 Implementation/Practicum DNP Project 2**

[5 credit hours]

Advance the scholarship of nursing through the implementation of a rigorous DNP project including the interpretation, analysis, and application of evidence-based practice to improve health outcomes of a focused population.

**Prerequisites:** NURS 8010 with a minimum grade of S

**Term Offered:** Spring, Summer, Fall

**NURS 8030 Implementation/Practicum DNP Project 3**

[5 credit hours]

Provide analysis and evaluation of strategies that facilitate knowledge dissemination in clinical and academic settings. Facilitate the student developing two scholarly manuscripts and a scholarly presentation of their DNP project.

**Prerequisites:** NURS 8020 with a minimum grade of S

**Term Offered:** Spring, Summer, Fall

**NURS 8210 Management and Leadership Skills for the DNP Nurse**

**Executive**

[6 credit hours]

This course builds on core DNP leadership and management skills by focusing on the professional role of the nurse executive including their leadership potential in context of healthcare reform and transformation.

**Prerequisites:** NURS 7400 with a minimum grade of B and NURS 7910 with a minimum grade of B and NURS 7011 with a minimum grade of B and NURS 7530 with a minimum grade of B and NURS 7050 with a minimum grade of B and INDI 8000 with a minimum grade of B and NURS 7060 with a minimum grade of B and NURS 7200 with a minimum grade of B and NURS 7240 with a minimum grade of B

**Term Offered:** Spring, Summer, Fall

**NURS 8220 Business Skills for the DNP Nurse Executive**

[6 credit hours]

This course is designed to teach essential business skills necessary for the nurse executive. Business skills include financial management, human resource management strategic management, and information management and technology.

**Prerequisites:** NURS 8210 with a minimum grade of B

**Term Offered:** Spring, Summer, Fall

**NURS 8230 Entrepreneurship Seminar for the DNP Nurse Executive**

[6 credit hours]

This seminar is designed to teach entrepreneurial critical thinking skills for the identification and resolution of business problems in the healthcare setting. The course includes the design of a business plan.

**Prerequisites:** NURS 8220 with a minimum grade of B

**Term Offered:** Spring, Summer, Fall