BSN to DNP Online Program

Program Description

The West Virginia University School of Nursing Post-Bachelor of Science to Doctor of Nursing Practice (DNP) Program prepares nurses to practice at the highest level of professional nursing. Graduates of the DNP program advance the application of nursing knowledge through the translation and implementation of evidence for practice to improve health outcomes for diverse populations.

All students will be awarded a Master's Degree in Nursing and are able to sit for the advanced practice certification exam after successfully completing the required 48 hours of course work. Students may then continue on to acquire the DNP degree for an additional 14 credits, or may exit the program once receiving the MSN degree. The time to completion of the DNP program varies depending on the length of the capstone (final) project.

The student plan of study for the BSN-DNP degree requires 1000 post baccalaureate hours of clinical immersion, which can include previous precepted Master's level clinical courses, with a minimum of 300 immersion hours to be earned at the DNP level.

The program includes a Final Project. According to the American Association of Colleges of Nursing (AACN), doctoral education is distinguished by the completion of a specific project that demonstrates synthesis of the student's work and lays the groundwork for future clinical scholarly work directed at improving health or organizational outcomes in the area of focus. The Post-BSN-DNP curriculum primarily involves mastery of an advanced specialty within nursing practice and methods of practice improvement and change. The DNP Final Project is used to demonstrate mastery of the Post-BSN-DNP curriculum content. Guided by faculty, and with assistance of an expert in the area of interest, the DNP Final project demonstrates the student's ability to identify a practice or system related problem through clinical immersion, to synthesize and critically appraise the evidence related to addressing that practice problem, to negotiate within the system to implement evidence based change within an organization, implement that change, and systematically measure the results of the practice or system related change initiative. The DNP Final Project documents outcomes of the student's educational experiences, and summarizes the student's growth in knowledge and expertise. The DNP Final Project experience serves as a foundation for leadership in future scholarly practice with the clinical setting.

The DNP prepared nurse is prepared to participate in healthcare in numerous roles including:

- clinical nurse specialist
- nurse practitioner
- nurse entrepreneur
- nurse administrator
- health care advocate

The areas of emphasis for study in advanced nursing in the curriculum are Family Nurse Practitioner (FNP) and Pediatric nurse Practitioner (PNP). Advanced certification is a requirement for the DNP degree. Postgraduate applicants must have advanced certification. Students continuing on in the curriculum after obtaining the Master's degree must become certified by the end of the fall semester of that same year. Students continuing in the program will broaden their goals and learning objectives in the Clinical Immersion course. The immersion experience is not a repeat of the same types of experiences obtained in the Practicum 1 and 2 courses in which primary care is the focus. The immersion experience is intended to broaden clinical experience through the assessment of system level changes and the evaluation of such changes.

The program offers a curriculum that allows students to enroll on a part-time or full-time basis. Throughout the curriculum, students are guided in the process of self-development aimed at pursuing excellence in scholarly and professional endeavors. The school also offers a post-graduate certification program in these areas for those who already hold a graduate degree. Students are admitted to a specific track and progression plan. Admission to some tracks is dependent upon an adequate cohort. Changes to the track or progression plan are only allowed based on space available. If for any reason a student must leave the program, his or her ability to return to the program will be based on space available at the time of request and is not guaranteed.

The programs are offered by faculty located at the University main campus in Morgantown and at the Charleston Division. Courses are offered via web-based modalities. Students may be required to attend special on-campus sessions in Morgantown or Charleston for the Advanced Assessment workshops and proficiency exams. During semesters involving nursing practice hours, monthly meetings are held on-line. Dates of the special sessions are made available by faculty in charge of the course in advance so students can plan their schedules in order to attend. Special sessions for PNP students are held in Morgantown only. The DNP final project proposal and defense take place on either campus depending on the preference of the committee chair.

Graduate students are strongly recommended to limit their credit load if they are also involved in full-time work. **It is University Policy that students employed in full-time work should enroll for no more than six hours of master's level course work in any one term**

Admissions Criteria

1. Satisfy WVU requirements for admission to graduate study
2. Degree of Bachelor of Science in Nursing from a nationally accredited nursing program
3. Have a minimum nursing grade-point average of 3.0 or higher on a 4.0 scale, and a cumulative GPA of at least 3.0 on a 4.0 scale on all college work attempted.
4. Have a current, unrestricted RN license in at least one state.
5. Completion of 3 credits of undergraduate statistics equivalent to WVU Stat 211 and 3 credits of health assessment with a grade of C or better.

Note: Admission criteria are subject to change. Please see the School of Nursing website for the most up-to-date criteria at http://nursing.hsc.wvu.edu.

**Application Process**

The application process should be completed by February 1. The beginning sequence of courses in the BSN-DNP program starts in the summer semester only. Applicants to the BSN-DNP program need to complete the following steps in order to be considered for admission:

Complete two application forms as indicated below and return to the appropriate offices by the deadline.

1. Application for Admission to Graduate Studies (available at: https://app.applyyourself.com/AYApplicantLogin/fl_ApplicantConnectLogin.asp?id=wvugrad)
2. Supplemental Application for admission to BSN-DNP in the School of Nursing (available on the School of Nursing website at: http://www.nursing.hsc.wvu.edu/) submitted electronically.
3. Request an official transcript of records from each college or university attended. Transcripts should be sent directly to WVU Office of Admissions, P.O. Box 6009, Morgantown, WV 26506-6009.
4. Three letters of reference should address the applicant’s expertise in the advanced practice of nursing and likelihood for success in doctoral work. One letter should be from a former professor of the applicant.
5. Submit a current curriculum vitae.
6. Submit a professional writing sample using the instructions provided on our website.

For more information, visit the website at http://nursing.hsc.wvu.edu, write to West Virginia University School of Nursing, P.O. Box 9600, Morgantown, WV 26506-9600; or call (304) 293-1386.

Note: Application criteria are subject to change. Please see the School of Nursing website for the most up-to-date criteria at http://nursing.hsc.wvu.edu.

**Master's of Science in Nursing Requirements**

A minimum cumulative GPA of 3.0 is required
A minimum grade of C- is required in all courses

<table>
<thead>
<tr>
<th>Core Courses</th>
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<tbody>
<tr>
<td>NSG 701</td>
<td>Advanced Pharmacotherapeutics</td>
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<td>NSG 702</td>
<td>Population Health Promotion</td>
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</tr>
<tr>
<td>NSG 703</td>
<td>Theoretical Foundations of Nursing Practice</td>
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</tr>
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<td>NSG 704</td>
<td>Health Care Leadership</td>
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</tr>
<tr>
<td>NSG 706</td>
<td>Advanced Pathophysiology</td>
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<td>NSG 707</td>
<td>Evidence Based Practice Methods</td>
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<tr>
<td>NSG 709</td>
<td>Health Care Informatics</td>
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<td>NSG 710</td>
<td>Health Care Issues, Policy, and Ethics</td>
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<td>Health Research Statistics 1</td>
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**Suggested Plan of Study for Family Nurse Practitioner Area of Emphasis**

**First Year**

<table>
<thead>
<tr>
<th></th>
<th>Summer Hours</th>
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**Second Year**

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<td>NSG 706</td>
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<td>NSG 724</td>
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<td>NSG 712</td>
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<td>NSG 707</td>
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<td>NSG 712</td>
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**Third Year**

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<td>NSG 720</td>
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**Total credit hours: 48**

A minimum of 10 credits of Family Practicum (including Practicum 1 and 2) is required for graduation. This equates to a total of 600 hours of supervised clinical experience.

### Suggested Plan of Study for Pediatric Nurse Practitioner

#### First Year

<table>
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<th>Course</th>
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#### Second Year

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<td>NSG 706</td>
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<td>NSG 770</td>
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**Total: 11**

#### Third Year

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<th>Course</th>
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<td>NSG 772</td>
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**Total: 11**

**Total credit hours: 48**

A minimum of 10 credits of Pediatric Practicum (including Practicum 1 and 2) is required for graduation. This equates to a total of 600 hours of supervised clinical experience.

A minimum cumulative GPA of 3.0 is required. A minimum grade of C- is required in all courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Name</th>
<th>Hours</th>
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<tr>
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<td>NSG 760</td>
<td>DNP Project Proposal</td>
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<tr>
<td>NSG 763</td>
<td>DNP Project</td>
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**Total Hours: 14**

### Progression Standards

**In order to progress in the MSN curriculum, a student must meet the following performance standards:**

1. Carry forward only one C grade in a nursing course. A second C in a nursing course will result in dismissal from the program.
2. Maintain a 3.0 GPA. A student who falls below 3.0 on 9 or more credit hours will be placed on academic probation and has only one semester to bring up the GPA to the 3.0 requirement.
3. Repeat only one nursing course and only one time.
4. A grade of D or F in any course results in dismissal from the program.

### Major Learning Goals
BSN to DNP Online Program

Post Graduate Certificate Program

The program prepares master’s prepared nurses to sit for the national certification examination in the selected area of focus. To be considered for admission, the applicant must have a master’s degree in nursing from a program accredited by NLNAC or CCNE with a minimum cumulative GPA of 3.0 or better and an unrestricted RN license in at least one state. Students in the post-master’s certificate program must maintain a 3.0 GPA and receive satisfactory clinical ratings to progress. Each student’s program will be individualized based on educational and experiential background. For those interested in a Nurse Practitioner Post-MSN certificate, prerequisites to registration for the required clinical courses in the program are evidence of competence in advanced pathophysiology, advanced pharmacotherapeutics, and advanced assessment.

Note: Admission criteria are subject to change. Please see the School of Nursing website for the most up-to-date criteria at http://nursing.hsc.wvu.edu.

The required courses for post-master’s certification are as follows:

Post Master’s Family Nurse Practitioner Requirements

CERTIFICATE CODE - CG21

<table>
<thead>
<tr>
<th>Minimum 3.0 GPA</th>
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<tbody>
<tr>
<td><strong>Required Courses</strong></td>
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<td>NSG 701</td>
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<td>NSG 705</td>
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<tr>
<td>NSG 720</td>
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<td>NSG 721</td>
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Complete a minimum of 600 supervised clinical hours.

Total Hours 25

Post Master’s Neonatal Nurse Practitioner Requirements

CERTIFICATE CODE - CG25

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<th>Minimum 3.0 GPA</th>
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<td><strong>Required Courses</strong></td>
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<td>NSG 654</td>
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<tr>
<td>NSG 655</td>
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<td>NSG 663</td>
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<tr>
<td>NSG 666</td>
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<tr>
<td>NSG 701</td>
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Complete a minimum of 600 supervised clinical hours.

Total Hours 28

Post Master’s Pediatric Nurse Practitioner Requirements

CERTIFICATE CODE - CG24

<table>
<thead>
<tr>
<th>Minimum 3.0 GPA</th>
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<tbody>
<tr>
<td><strong>Required Courses</strong></td>
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<tr>
<td>NSG 626</td>
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<td>NSG 701</td>
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<td>NSG 706</td>
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<td>NSG 770</td>
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<tr>
<td>NSG 771</td>
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<tr>
<td>NSG 772</td>
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<tr>
<td>NSG 773</td>
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</tbody>
</table>
Complete a minimum of 600 supervised clinical hours.

Total Hours

COURSES

BSN to DNP Online Program 5

COURSES

**NSG 501. Advanced Practice Role Seminar. 2 Hours.**
PR: Senior status or enrolled in RN to BSN/MSN program. Exploration, analysis, and evaluation of the role of the advanced practice nurse as guided by concepts, theories, and research.

**NSG 522. Culture and Health. 3 Hours.**
Healthcare is encountering increasing cultural diversity. By identifying cultural behaviors, beliefs, and meaning of health in diverse cultural contexts, students will become more culturally proficient in delivering care.

**NSG 593A-L. Special Topics. 1-6 Hours.**
A study of contemporary topics selected from recent developments in the field.

**NSG 610. Leadership in Health Care. 3 Hours.**
PR or CONC: NSG 622 and NSG 623. Critical analysis of leadership frameworks, values and beliefs, and application of skills in the practice setting.

**NSG 611. System Based Decision Making. 2 Hours.**
PR: NSG 616. Decision making grounded in an understanding of the organization as an open living system.

**NSG 612. Leading Health System Change. 4 Hours.**
PR: NSG 610 and NSG 611. Developing system-based change management critical to advanced nursing in various settings, including selection training, and support of effective teams and workgroups.

**NSG 613. Managing Health Care Resources. 3 Hours.**
PR: NSG 622 and NSG 623. Management of financial and human resources to promote professional practice and organizational growth within organizational financial constraints.

**NSG 614. Health Care Informatics. 3 Hours.**
PR: NSG 627. Explore technologies to improve health care practices and learn to utilize technology for outcomes management.

**NSG 615. Program Planning/Evaluation. 3 Hours.**
PR: NSG 613. Health care program planning, strategies for program implementation, and program evaluation techniques.

**NSG 616. Role Seminar for Leadership MSN. 2 Hours.**
Exploration, analysis, and evaluation of the role of the master’s prepared nurse in leadership positions as guided by concepts, theories, and research.

**NSG 617. Leadership Practicum 1. 3 Hours.**
Supervised practicum designed to apply healthcare leadership principles to practice. Students participate in nursing leadership and administrative activities in a selected healthcare setting.

**NSG 618. Leadership Practicum 2. 3 Hours.**
PR: NSG 617. Supervised practicum designed to build on initial application of healthcare leadership principles. Students participate in leadership and administrative activities in a selected health care setting.

**NSG 622. Theory and Disciplined Reasoning. 3 Hours.**
Introduction to the theoretical foundations of the discipline of nursing as a basis for applying critical thinking skills to the development of a conceptual framework for nursing.

**NSG 623. Concepts of Advanced Nursing. 2 Hours.**
PR or Conc: NSG 622. Exploration, analysis, and evaluation of concepts, theories, and research guiding the advanced practice of nursing. Learning activities emphasize advanced practice role.

**NSG 626. Lifespan Health Promotion. 2 Hours.**
An in-depth study of theoretical foundations, epidemiological principles, and advance practice strategies for the promotion of health and prevention of disease across the life-span.

**NSG 627. Research and Systematic Analysis. 5 Hours.**
PR: NSG 622. An overview of research methods, evidence and epidemiological and statistical measures used in advanced practice nursing.

**NSG 628. Health Policy, Finance, Ethics. 3 Hours.**
PR: NSG 622. Study of how health policy, the organization and financing of health care, and ethical principles shape professional practice.

**NSG 629. Advanced Practice/Families. 2 Hours.**
PR: NSG 622 and NSG 623 and NSG 626 and NSG 627. Exploration and analysis of family theories, assessments, and interventions applicable to the advanced practice of nursing.

**NSG 654. Neonatal Pathophysiology. 4 Hours.**
An introduction to the scientific foundations underlying processes contributing to health/illness states in neonates. Principles from genetics, embryology, and developmental physiology lay the foundation for subsequent courses in assessment, diagnosis and management.
NSG 655. Neonatal health Promotion. 2 Hours.
PR: NSG 622. Review of practices and services that contribute to healthy outcomes for sick and well neonates with focus on health promotion, disease prevention, and maintenance of function in the context of critical care and primary care.

NSG 656. Current Issues in Aging. 2 Hours.
An overview of contemporary gerontology that offers a multidisciplinary approach to providing services to older people in the United States.

NSG 657. Advanced Assessment of Older Adults. 2 Hours.
PR: NSG 624. Preparation for the conduct of advanced health assessment of older adults. Diagnostic reasoning is emphasized as the student collects and analyzes data obtained from the patient history, physical examination, and diagnostic procedures.

NSG 658. Geriatric Primary Care 1. 2,3 Hours.
PR: NSG 631 and NSG 657. Study of constellation of symptoms in the older adult that may be manifestations of other health problems.

NSG 659. Geriatric Primary Care 2. 4 Hours.
PR: NSG 657 and NSG 658. Study of common diseases and disorders seen in the older adult. An integration of advanced practice skills and role competencies in the care of older individuals and their families is emphasized.

NSG 660. Women's Reproductive Health. 2 Hours.
PR: Graduate status or permission. This course focuses on fertility control, reproductive health, menopause, and health promotion activities for women.

NSG 663. Neonatal Assessment/Care 1. 5 Hours.
PR: NSG 622 and NSG 623 and NSG 654 and PR or CONC: NSG 655. Preparation for conducting advanced assessment of neonates/young infants. Diagnostic reasoning is emphasized through collecting and analyzing data obtained from patient history, physical examination, and diagnostic procedures.

NSG 664. Neonatal Care 2. 4 Hours.
PR: NSG 663 and NSG 631. This course focuses on the management of common problems and conditions in neonates.

NSG 665. Neonatal Practicum 1. 5 Hours.
PR: NSG 631 and PR or CONC: NSG 664. This supervised practicum is designed to facilitate the student's competency in the delivery of care to infant populations.

NSG 666. Neonatal Practicum 2. 5 Hours.
PR: NSG 665. This supervised practicum is designed to facilitate the student's competency in the delivery of care to infant populations.

NSG 670. Curriculum in Nursing. 3 Hours.
A review of contemporary theory-based determinants of curriculum development in nursing, including analysis and evaluation of curricula for nursing education.

NSG 671. Clinical Practicum-Educators. 2 Hours.
PR: NSG 635. Implementation of theory-based advanced nursing practice in an area of student's clinical interest/expertise. Student develops the advanced practice role with a select population of clients and families.

NSG 672. Education Practicum. 3 Hours.
PR: NSG 674. Guided teaching experience under the supervision of an experienced faculty member that allows the student to function in the role of nurse educator in classroom and clinical settings.

NSG 674. Teaching in Nursing. 3 Hours.
PR: NSG 670. A general methods course involving the principles of instruction in didactic and clinical nursing education including analysis of course planning, teaching methods, and evaluation of student outcomes.

NSG 675. Geriatric Practicum 1. 2-5 Hours.

NSG 676. Geriatric Practicum 2. 4-5 Hours.
PR: NSG 675. Supervised practicum that focuses on evidence-based advanced practice in a variety of settings. The students, with supervision, will manage health care of geriatric clients and their families and participate on interdisciplinary teams.

NSG 683. Primary Care: Women and Girls 1. 3 Hours.
PR: NSG 622, NSG 623, NSG 624, NSG 626, NSG 631 and NSG 632. Introduction to the domains and competencies of the advanced practice nursing role that are fundamental to primary health care of women and girls.

NSG 684. Primary Care: Women and Girls 2. 4 Hours.
PR: NSG 683. Further development of the domains and competencies of the advanced practice nursing role introduced in NSG 683 that are fundamental to primary health care of the rural family unit.

NSG 685. Clinical Scholarship. 1 Hour.
Co-Req: NSG 635 (For FNP track) or NSG 645 (For PNP track). Knowledge dissemination within the advanced practice role using disciplined reasoning and systematic inquiry to examine and incorporate evidence-based strategies in the caring/healing process.
NSG 686. WHNP Practicum 1. 2-5 Hours.
PR or CONC: NSG 684. Supervised practicum designed to apply theory- and evidence- based advanced practice nursing. Students develop the advanced practice role as they manage health care and participate in service learning.

NSG 687. WHNP Practicum 2. 4-5 Hours.

NSG 691A-Z. Advanced Topics. 1-6 Hours.
PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

NSG 693A-Z. Special Topics. 1-6 Hours.
A study of contemporary topics selected from recent developments in the field.

NSG 695. Independent Study. 1-6 Hours.
Faculty supervised study of topics not available through regular course offerings.

NSG 697. Research. 1-15 Hours.
PR: Consent. Research activities leading to thesis, problem report, research paper, or equivalent scholarly project, or a dissertation guided by a student-graduate faculty contact based on the course objectives and culminating in a written product. (Grading will be S/U.).

NSG 701. Advanced Pharmacotherapeutics. 3 Hours.
PR: NSG 706. Examination of the relationship between pharmacologic principles and the selection of pharmacologic agents in altered health states across the lifespan. This course lays the foundation of subsequent courses in diagnosis, management, and therapeutic interventions.

NSG 702. Population Health Promotion. 3 Hours.
In-depth study and analysis of clinical prevention and population health for individuals, aggregates, and populations utilizing advanced nursing practice strategies for the promotion of health and prevention of disease across the lifespan.

NSG 703. Theoretical Foundations of Nursing Practice. 3 Hours.
Elaboration and integration of theories from nursing, the sciences, and the humanities to build a foundation for the highest level of nursing practice.

NSG 704. Health Care Leadership. 3 Hours.
Critical analysis of leadership in an organizational setting, with development of skills needed to enact the leadership role.

NSG 705. Advanced Lifespan Assessment: FNP Focus. 3 Hours.
PR: NSG 706. The focus of this course is the advanced health assessment of individuals across the lifespan. Skilled interviewing and clinical reasoning are emphasized as students collect and analyze data from the patient history, physical examination, and diagnostic procedures.

NSG 706. Advanced Pathophysiology. 3 Hours.
Theoretical basis of pathophysiological changes in acute and chronic illnesses confronted in primary care across the lifespan is presented. The course serves as the foundation for clinical assessment, decision making, and management.

NSG 707. Evidence Based Practice Methods. 3 Hours.
PR: NSG 724. This course provides an overview of research methods, evidence, and epidemiologic measures for understanding the translation of research into practice and the design of interventions to promote change in a variety of settings.

NSG 708. Role Seminar for Advanced Practice. 2 Hours.
Exploration, analysis, and evaluation of the role of the advanced practice nurse as guided by concepts, theories, and research.

NSG 709. Health Care Informatics. 3 Hours.
Explore information technologies used in acute and outpatient health settings and describe methods of utilization of technology for practice improvement and patient outcomes management.

NSG 710. Health Care Issues, Policy, and Ethics. 3 Hours.
A foundation for leadership in health policy development, implementation, and evaluation, with a focus on advocacy for nursing, leadership, ethics, finance, and policy/program implementation.

NSG 711. Health Care Focus. 3 Hours.
Provides for the development of knowledge and skills relative to the state of the science in a particular area of clinical practice.

NSG 712. Primary Care of Families 1. 3 Hours.
PR: NSG 701 and NSG 702 and NSG 705 and NSG 707 and NSG 708. An introduction to the knowledge and skills basic to the health maintenance, diagnosis, treatment, evaluation, and revision of care of individuals as members of family units in the primary care setting.

NSG 713. Doctor of Nursing Practice Role Application. 1 Hour.
PR or CONC: NSG 742. Integration of Doctor of Nursing practice role competencies at the highest level of nursing practice.

NSG 714. Primary Care of Families 2. 3 Hours.
PR: NSG 712. Further acquisition of knowledge and skills basic to the health maintenance, diagnosis, treatment, evaluation, and revision of care of individuals as members of family units in the primary care setting. The change in course hours reflects change in content.
NSG 717. Organization and Leadership. 3 Hours.
Provides a foundation for developing organizational and systems leadership skills critical to clinical care and health outcomes. Knowledge will help students to promote patient safety and excellence in health care organizations.

NSG 719. Health Care Policy. 3 Hours.
Provides a foundation for influencing, developing, implementing, and evaluating health care policies and legislation pertinent to issues in health care such as ethics, safety, costs, access, and quality.

NSG 720. Family Practicum 1. 5 Hours.
PR: NSG 712 and NSG 714. Supervised practicum designed to facilitate the student's competency at the advanced practice level in the delivery of primary health care across the lifespan.

NSG 721. Family Practicum 2. 5 Hours.
PR: NSG 720. Supervised practicum that builds upon Family Practicum 1 and applies theory and evidence to the advanced practice of nursing. Further role and competency development at the advanced practice level of lifespan primary health care.

NSG 722. Topics in Global Health: Honduras. 2 Hours.
PR or CONC: NSG 721. Students are introduced to global health concepts through immersion in the culture of Honduras and utilize disciplined reasoning in the application of therapeutics and evidence-based advanced nursing practice in service learning experiences.

NSG 724. Health Research Statistics 1. 3 Hours.
This course provides development of statistical knowledge and skills needed for quantitative health research. Topics include descriptive statistics, probability, hypothesis testing, analysis of variance, chi square and regression techniques.

NSG 725. Health Research Statistics 2. 3 Hours.
This course continues the development of statistical knowledge and skills needed for quantitative health research using SPSS, including nonparametric testing, advanced regression topics and diagnostics, ANCOVA, SPSS syntax, classification, and factor, survival and power analyses.

NSG 727. Contemporary Nursing Science. 3 Hours.
PR: NSG 728 and PR or CONC: NSG 729. Focus is on an analysis of the state of the science for a phenomenon for study. Emphasis is placed on the application of the particular phenomenon to a population of interest.

NSG 728. Nursing Science Theory/Philosophy. 4 Hours.
This course builds on philosophical basis of nursing. Discovery and verification of scientific knowledge are addressed by focusing on theory development. Methodologies include concept analysis and evaluation of middle-range theories of nursing and related sciences.

NSG 729. Quantitative Methods. 3 Hours.
PR: (NSG 724 and NSG 725) with a minimum grade of B-. Quantitative methods and measurement relevant to conducting research in nursing are studied.

NSG 730. Principles of Measurement. 3 Hours.
PR: NSG 727 and NSG 728. The role of measurement in nursing research is studied. Measurement in the areas of attitudes, personality, competence, development, and group qualities is emphasized. Instrument development and reliability/validity issues are also discussed.

NSG 731. Qualitative Research Methods. 3 Hours.
PR: NSG 728. An exploration of the philosophical foundation and methods of qualitative inquiry. Research designs, ethical issues, rigor, integrity, data collection, interpretation, and representation are studied in depth.

NSG 732. Seminar in Nursing Scholarship. 2 Hours.
PR: Admission to the PhD program. Exploration of the dimensions of scholarship in preparation for future roles as nurse scholars/scientists.

NSG 733. Research Grant Development. 2 Hours.
PR: NSG 781. Analysis of the grant-writing process, including current federal application formats, provides students with the background to complete a submittable grant proposal in their own area of research.

NSG 734. Use of Data. 3 Hours.
PR: NSG 729. This course focuses on use of the following data bases: clinical, financial, health services, nursing, local, state, and national. The uses of existing data in clinical and policy decisions and in research will be explored.

NSG 735. Principles: Nursing Education. 3 Hours.
This course examines the research base of educational strategies in nursing education in classroom and clinical settings. The course also examines external determinants on nursing curriculum, accreditation issues, and evaluation of nursing programs.

NSG 736. Advanced Health Policy and Ethics. 3 Hours.
PR: NSG 704, NSG 724, NSG 725, NSG 728, NSG 732, and NSG 735. Examination of ethical issues of research and current health policy.

NSG 737. Leadership. 3 Hours.
PR: NSG 734. Through exploration of contemporary leadership theory and application to self, an authentic personal leadership style will be developed to enable the student to enact a leadership role in health care and/or education.

NSG 738. Issues in Nursing Scholarship. 3 Hours.
PR: NSG 729, NSG 731, and NSG 737. Seminar focused on broad issues of ethics in the conduct of research and role acquisition of nurse scientist in academic, clinical, and health policy settings.
NSG 745. Clinical Immersion. 1-8 Hours.
PR: NSG 711. Provides for the mastery of clinical skills relative to the state of the science in a particular area of clinical practice.

NSG 760. DNP Project Proposal. 3 Hours.
PR: NSG 721 or NSG 773. Develop a scholarly initiative to improve practice system, or patient outcomes.

NSG 761. Clinical Project 1. 1 Hour.
PR: NSG 715 and NSG 716. Identifies a practice problem and connects the problem to existing knowledge and science.

NSG 762. Clinical Project 2. 1 Hour.
PR: NSG 761 and NSG 717 and NSG 718. Students design an initiative to address the practice problem identified in NSG 761 using the appropriate research methods and a variety of scientific principles.

NSG 763. DNP Project. 1-6 Hours.
PR or CONC: NSG 760. Implementation of a capstone project using leadership skills to create and evaluate change relative to a practice problem. Analysis of the relationship of the project to practice and policy.

NSG 767. Advanced Lifespan Assessment: PNP Focus. 3 Hours.
PR: NSG 706. Advanced health assessment of individuals across the lifespan with focus on pediatric populations. Skilled interviewing and clinical reasoning are emphasized as students collect and analyze data from the patient history, physical examination and diagnostic procedures.

NSG 768. Prospectus Development. 1-6 Hours.
Supervised experiences in planning the dissertation research project, developing the chapters for the prospectus, and preparing the proposal document for review by committee members.

NSG 769. Faculty Career Development. 1 Hour.
Supervised experiences in searching for available positions, preparing and submitting application materials, participating in campus interviews, and planning a successful future career.

NSG 770. Pediatric Primary Care 1. 3 Hours.
PR: NSG 701 and NSG 702 and NSG 705 and NSG 707 and NSG 708. An introduction to the knowledge and skills basic to the health maintenance, diagnosis, treatment, evaluation and revision of care of children in the primary care setting.

NSG 771. Pediatric Primary Care 2. 3 Hours.
PR: NSG 770. Further acquisition of knowledge and skills central to the assessment of health status, diagnosis, treatment and evaluation of children in the primary care setting.

NSG 772. Pediatric Practicum 1. 5 Hours.
PR or CONC: NSG 771. Supervised practicum designed to facilitate the student's competency in the delivery of primary health care to children.

NSG 773. Pediatric Practicum 2. 5 Hours.
PR: NSG 772. Supervised practicum that builds on NSG 772 [Pediatric Practicum 1] and applies theory and evidence to the advanced practice of nursing. Further role and competency development at the advanced practice level for the delivery of primary health care to pediatric populations.

NSG 781. Research Mentorship. 1-3 Hours.
PR: NSG 729 and NSG 731. In this guided practicum, the student's research skills are developed and cultivated through participation in the mentorship process with an experienced researcher (the chairperson or his/her designee).

NSG 783. Dissertation Seminar. 1 Hour.
PR: NSG 729 and NSG 731. This seminar provides an opportunity for continued knowledge synthesis related to the selected topic of research. Students will participate in proposal presentation and critique. The expectation is a National Research Service Award Predoctoral Fellowship Application.

NSG 791A-Z. Advanced Topics. 1-6 Hours.
PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

NSG 792. Directed Study. 1-6 Hours.
Directed study, reading, and/or research.

NSG 793A-Z. Special Topics. 1-6 Hours.
A study of contemporary topics selected from recent developments in the field.

NSG 794. Seminar. 1-6 Hours.
Special seminars arranged for advanced graduate students.

NSG 795. Independent Study. 1-9 Hours.
Faculty supervised study of topics not available through regular course offerings.

NSG 796. Graduate Seminar. 1 Hour.
PR: Consent. Each graduate student will present at least one seminar to the assembled faculty and graduate student body of his or her program.

NSG 797. Research. 1-9 Hours.
PR: Consent. Research activities leading to thesis, problem report, research paper, or equivalent scholarly project, or a dissertation. (Grading will be S/U.)
NSG 798. Thesis or Dissertation. 1-6 Hours.
PR: Consent. This is an optional course for programs that wish to provide formal supervision during the writing of student reports (698), or dissertations (798). Grading is normal.

NSG 799. Graduate Colloquium. 1-6 Hours.
PR: Consent. For graduate students not seeking coursework credit but who wish to meet residency requirements, use the University's facilities, and participate in its academic and cultural programs. Note: Graduate students who are not actively involved in coursework or research are entitled, through enrollment in their department's 699/799 Graduate Colloquium to consult with graduate faculty, participate in both formal and informal academic activities sponsored by their program, and retain all of the rights and privileges of duly enrolled students. Grading is P/F; colloquium credit may not be counted against credit requirements for masters programs. Registration for one credit of 699/799 graduate colloquium satisfies the University requirement of registration in the semester in which graduation occurs.