Master of Science in Nursing Advanced Practice Online Program, M.S.N.

Degree Offered
- Master of Science in Nursing

Nature of the Program
DESCRIPTION

The West Virginia University School of Nursing offers a Master of Science in Nursing (MSN) degree that provides the skills necessary to sit for advanced practice certification. The major areas of study are Family Nurse Practitioner (FNP) and Pediatric Nurse Practitioner (PNP). Throughout the curriculum, students are guided in the process of self-development aimed at pursuing excellence in scholarly and professional endeavors. Courses are offered via web-based modalities using synchronous and asynchronous formats. The MSN program offers a curriculum that allows students to enroll on a part-time or full-time basis. The 46-credit program can be completed in five semesters (including a summer session) of full-time study (average of nine to twelve credit hours per semester)*. Flexibility within the basic curricular structure is achieved through the individualization of learning experiences and students may complete the program over a longer duration. The pattern and duration of the student’s plan of study is determined in consultation with a faculty advisor and is based upon the student’s background and goals.

Graduates meet all requirements to sit for the national certification examination in his or her major area of study, family nurse practitioner or pediatric nurse practitioner. They are prepared to offer care at the advanced practice level to select populations and are able to perform all activities encompassed in the traditional scope of practice.

*It is a strong recommendation by the University and the School of Nursing that graduate students limit their credit load if they are also involved in full-time work. Full-time work and studies may negatively affect the student’s ability to succeed academically.

Admissions

MSN CRITERIA
- Bachelor of Science in nursing degree from a nationally accredited nursing program and regionally accredited institution.
- A minimum overall nursing GPA of a 3.0 on a 4.0 scale.
- A minimum cumulative GPA of at least 3.0 on a 4.0 scale on all college work attempted. (Provisional admission may be considered if the overall GPA is 2.75-2.99 depending upon space available and other qualifications).
- An active, unrestricted RN license in at least one state at the time of application.
- Letters of good standing (required for transfer students or those that have taken courses in another graduate program but did not complete the degree).

Students must satisfactorily complete background checks and drug screens upon admission.

Notes: To be considered, applicants must meet all WVU admission requirements (https://graduateadmissions.wvu.edu/how-to-apply/apply-for-2023-2024/), in addition to program specific admission criteria. Admission criteria are subject to change. Please see the School of Nursing website for the most up-to-date criteria at https://nursing.hsc.wvu.edu (https://nursing.hsc.wvu.edu/). Any student who has been dismissed from the West Virginia University School of Nursing or any other nursing program will not be eligible for admission or readmission to the program. Exceptions may be considered if the dismissal was academic and was followed by successful completion of an additional degree or credential.

APPLICATION PROCESS

Applications may apply at any time for fall admission. Complete applications will be considered up to July 1st for MSN and post-master’s certificate programs. Applicants can apply via the West Virginia University Graduate Admissions website and completing the main graduate student application. Applicants should select the fall term, “Masters” as the admission type, “Nursing MSN” as the intended program, and FNP track. Applicants will then be asked to select a full-time or part-time progression plan. Please note that full-time and part-time placements are based on space availability. The most qualified applicants will receive priority for full-time placements. Class size and progression plans may be limited based on available faculty resources and space. Applicants to the MSN program need to complete the following steps in order to be considered for admission:

1. Application for Admission to Graduate Studies (https://wvu.my.site.com/wvugrad/)
2. Request an official transcript of records from each college or university attended.
   a. It is preferred that official transcripts be sent via an online, secure service such as eScrip-Safe (https://escrip-safe.com/signup/), National Student Clearinghouse (https://studentclearinghouse.org/), or Parchment (https://www.parchment.com/) to graduateadmissions@mail.wvu.edu.
b. Alternatively, sealed, untampered, physical official transcripts can be sent directly to WVU Graduate Admissions, P.O. Box 6510, Morgantown, WV 26506-6510.

c. Applicants who completed prior education outside of the U.S. must have their transcripts evaluated by World Education Services (WES) (https://www.wes.org/evaluations-and-fees/education/graduate-admissions/). Please request a “course-by-course” International Credential Advantage Package (ICAP).

3. Submit a current curriculum vitae, evidence of licensure, and applicable letters of good standing.

For more information, visit the website at https://nursing.hsc.wvu.edu (https://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.

ADMISSION PROCESS FOR THE MSN PROGRAM

The Graduate Admissions Committee will meet periodically throughout the year to review all qualified applicants. Acceptance is dependent upon space available in the program, and the most qualified applicants are accepted.

Admission Requirements 2024-2025

The Admission Requirements above will be the same for the 2024-2025 Academic Year.

Major Code: 8649

Master of Science in Nursing Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NSG 622</td>
<td>Theory and Disciplined Reasoning</td>
<td>3</td>
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<td>NSG 623</td>
<td>Advanced Practice Role &amp; Interprofessional Collaboration</td>
<td>3</td>
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<td>NSG 625</td>
<td>Statistics</td>
<td>3</td>
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<tr>
<td>NSG 626</td>
<td>Lifespan Health Promotion</td>
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<td>NSG 627</td>
<td>Evidence Based Practice</td>
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<tr>
<td>NSG 628</td>
<td>Leadership/Policy/Ethics</td>
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<td>NSG 706</td>
<td>Advanced Pathophysiology</td>
<td>3</td>
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<tr>
<td>NSG 709</td>
<td>Health Care Informatics</td>
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Required Area of Emphasis (select one of the following): 22

- Family Nurse Practitioner (FNP)
- Pediatric Nurse Practitioner (PNP)

Total Hours: 46

Suggested Plan of Study for Family Nurse Practitioner Area of Emphasis

<table>
<thead>
<tr>
<th>First Year</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
<th>Summer</th>
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<td>NSG 706</td>
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<td>NSG 701</td>
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<td>NSG 705</td>
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<table>
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<tr>
<th>Second Year</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<td>NSG 709</td>
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<td>NSG 628</td>
<td>3</td>
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<tr>
<td>NSG 714</td>
<td>3</td>
<td>NSG 721</td>
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<td>NSG 720</td>
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Total credit hours: 46
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 Area of Emphasis

<table>
<thead>
<tr>
<th>First Year</th>
<th>Hours</th>
<th>Spring Hours</th>
<th>Summer Hours</th>
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<tr>
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<td>NSG 623</td>
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<td>NSG 627</td>
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<td>NSG 706</td>
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<td>NSG 701</td>
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<td>NSG 705</td>
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| Second Year | Hours | Spring Hours | |
|-------------|-------|--------------|
| NSG 709     | 3     | NSG 628      | 3 |
| NSG 771     | 3     | NSG 773      | 5 |
| NSG 772     | 5     |              |   |
|             | 11    | 8            |   |

Total credit hours: 46

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.

### Areas of Emphasis

- Family Nurse Practitioner
- Pediatric Nurse Practitioner

### Family Nurse Practitioner Area of Emphasis Requirements

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>NSG 701</td>
<td>Advanced Pharmacotherapeutics</td>
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<tr>
<td>NSG 705</td>
<td>Advanced Lifespan Assessment</td>
<td>3</td>
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<tr>
<td>NSG 712</td>
<td>Primary Care of Families 1</td>
<td>3</td>
</tr>
<tr>
<td>NSG 714</td>
<td>Primary Care of Families 2</td>
<td>3</td>
</tr>
<tr>
<td>NSG 720</td>
<td>Family Practicum 1</td>
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<tr>
<td>NSG 721</td>
<td>Family Practicum 2</td>
<td>5</td>
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</table>

Total Hours: 22

### Pediatric Nurse Practitioner Area of Emphasis Requirements

<table>
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<td>NSG 705</td>
<td>Advanced Lifespan Assessment</td>
<td>3</td>
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<tr>
<td>NSG 770</td>
<td>Pediatric Primary Care 1</td>
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<tr>
<td>NSG 771</td>
<td>Pediatric Primary Care 2</td>
<td>3</td>
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<tr>
<td>NSG 772</td>
<td>Pediatric Practicum 1</td>
<td>5</td>
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<tr>
<td>NSG 773</td>
<td>Pediatric Practicum 2</td>
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</table>

Total Hours: 22

### Progression Standards

To progress in the MSN and post-master’s curricula, a student must meet the following performance standards. Failure to meet the criteria below will result in dismissal from the program.
1. Grade Point Average (GPA) requirements:
   a. Graduate program students are required to maintain a 3.0 in all work attempted in the program. A student who falls below 3.0 after nine or more credit hours are completed in the program will be placed on academic probation and has only one semester to bring up the GPA to the 3.0 requirement. Failure to raise the cumulative GPA to 3.0 in one semester will result in dismissal from the program.
   b. Post-Graduate Certificate students are required to take fewer credits than those in the degree programs. Therefore, a GPA lower than 3.0 will not be grounds for probation or dismissal. However, all other progression standards apply to post-graduate certificate students.

2. Earn a letter grade (A, B, C) on all required courses. A grade of F in any course results in dismissal from the program.

3. Carry forward only one C grade in a nursing course. A second C in any nursing course will result in dismissal from the program.

4. Students can withdraw from only one course (resulting in a “W” on the academic transcript), and only one time.

5. If a student needs to withdraw from all courses in a semester, the student must meet with his or her faculty advisor (see Leave of Absence and Withdrawal policies in program handbook at https://nursing.wvu.edu/students/resources/student-handbooks/)

   Any student who has been dismissed from the WVU SON will not be readmitted to the program.

Grading Scale

The grading scale for nursing as posted in each course syllabus is:

A = 93-100, B = 85-92, C = 77-84, F = 76 and below.

Major Learning Outcomes

MASTER OF SCIENCE IN NURSING

At the completion of the program, the graduate will be able to:

1. Use disciplined reasoning from sciences and the humanities to:
   a. Integrate nursing and related sciences into the delivery of advanced nursing care to diverse populations.
   b. Design nursing care for a clinical or community focused population based on biopsychosocial, public health, nursing, and organizational sciences.
   c. Apply ethical analysis and clinical reasoning to assess, intervene, and evaluate advanced nursing care delivery.
   d. Analyze nursing history to expand thinking and provide a sense of professional heritage and identity.

2. Incorporate current and emerging genetic/genomic evidence in providing advanced nursing care to individuals, families, and communities while accounting for patient values and clinical judgment through:
   a. Synthesizing broad ecological, global and social determinants of health; principles of genetics and genomics; and epidemiologic data to design and deliver evidence based, culturally relevant clinical prevention interventions and strategies.
   b. Designing patient-centered and culturally responsive strategies in the delivery of clinical prevention and health promotion interventions and/or services to individuals, families, communities, and aggregates/clinical populations.
   c. Integrating clinical prevention and population health concepts in the development of culturally relevant and linguistically appropriate health education, communication strategies, and interventions.

3. Support quality improvement and patient safety by:
   a. Promoting a professional environment that includes accountability, peer review, advocacy for patients and families, reporting of errors, and professional writing.
   b. Contributing to the integration of healthcare services to affect safety and quality of care to improve patient outcomes and reduce fragmentation of care.
c. Participating in, and leading when appropriate, in quality initiatives that integrate socio-cultural factors affecting the delivery of nursing and healthcare services.

4. Demonstrate organizational and systems leadership that:
   a. Emphasizes clinical practice.
   b. Continually improves health outcomes.
   c. Ensures patient safety.

5. Analyze and evaluate evidence to integrate scholarship into practice through:
   a. Integrating theory, evidence, clinical judgment, and interprofessional perspectives to improve practice and health outcomes for patient aggregates.
      b. Articulating to a variety of audiences the evidence base for practice decisions, including the credibility of sources of information and the relevance to the practice problem.
   c. Applying practice guidelines to improve practice.
   d. Participating, and leading when appropriate, in collaborative teams to improve care outcomes and support policy changes through knowledge generation, dissemination, and implementation.

6. Demonstrate proficiency in the analysis and use of information systems and technology to sustain improvements and promote transparency using high reliability and just culture principles through:
   a. Analyzing current emerging technologies to support safe practice environments, and to optimize patient safety, cost-effectiveness, and health outcomes.
   b. Using information and communication technologies, resources, and principles of learning to teach patients and others.
   c. The use of current and emerging technologies in the care environment to support lifelong learning for self and others.

7. Assume an advocacy role in healthcare policy by:
   a. The analysis of the influence of policy on the structure and financing of health care practice and health outcomes.
   b. Participation in the development and implementation of institutional, local, state, and federal policy.
   c. The examination of the effect of legal and regulatory processes on nursing practice, health care delivery, and outcomes.
   d. Interpreting research and bringing the nursing perspective for policy makers and stakeholders.
   e. Advocating for policies that improve the health of the public and the nursing profession.

8. Collaborate with other professions to improve patient and population health outcomes by:
   a. Advocating for the value of the professional nurse as members, and leaders when indicated, of interprofessional healthcare teams.
   b. Using collaboration in the design, coordination, and evaluation of patient-centered care.
   c. Mentoring and coaching new and experienced nurses and other members of the healthcare team.
   d. Understanding other health professions scopes of practice to maximize contributions within the healthcare team.

9. Plan, manage, and evaluate evidence-based clinical prevention and population care by:
   a. Evaluating the effectiveness of clinical prevention interventions that affect individual and population-based health outcomes.
   b. Delivering patient-centered and culturally responsive strategies in prevention and health promotion to individuals, families, communities, and aggregates/clinical populations.

10. Ensure accountability for advanced practice based on refined assessment skills; advanced communication skills; and biophysical, genetic, genomic, psychosocial, sociopolitical, economic, ethical, and cultural principles through:
    a. Delivering safe, quality care to diverse populations in a variety of settings and roles.
    b. Conducting a comprehensive and systematic assessment as a foundation for decision making.
c. Applying the best available evidence from nursing and other sciences as the foundation for practice.

d. Using knowledge of illness and disease management to provide evidence-based care to populations, perform risk assessments, and design plans or programs of care.

e. Incorporating core scientific and ethical principles in identifying potential and actual ethical issues arising from practice, in assisting patients and other healthcare providers to address such issues.

Courses

**NSG 622. Theory and Disciplined Reasoning. 3 Hours.**
Introduction to the theoretical foundations of the discipline of nursing as a basis for applying disciplined reasoning to advanced practice.

**NSG 623. Advanced Practice Role & Interprofessional Collaboration. 3 Hours.**
Exploration of the concepts, theories, and research that guide the advanced practice nursing role. This foundational course introduces students to the knowledge, skill, and behavioral expectations of the nurse in an advanced practice role, including interprofessional collaboration.

**NSG 625. Statistics. 3 Hours.**
This course provides an introduction to the collection and analysis of nursing and health sciences data. Topics include sampling, data presentation, summary measures, probability, confidence interval, hypothesis testing, t-test and ANOVA, correlation analysis, simple/multiple linear regression, chi-square test, power and sample size calculation.

**NSG 626. Lifespan Health Promotion. 3 Hours.**
PR or CONC: NSG 622 and NSG 623. 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. Evidence Based Practice. 3 Hours.**
PR or CONC: NSG 625. An analysis of the application of research to guide the advanced practice nurse in evidence-based nursing practice.

**NSG 628. Leadership/Policy/Ethics. 3 Hours.**
PR: NSG 627. An exploration of the concept of leadership in the advanced practice role and application of these leadership behaviors to health care policy and ethical decision making.

**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 705. Advanced Lifespan Assessment. 3 Hours.**
PR: NSG 706. The focus of this course is the advanced health assessment of individuals across the lifespan. Skilled interviewing and advanced assessment skills are emphasized.

**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 709. Health Care Informatics. 3 Hours.**
Explore information technologies used in point-of-care inpatient and outpatient health settings and describe methods of utilization of technology for practice improvement, quality, and safety.

**NSG 712. Primary Care of Families 1. 3 Hours.**
PR: NSG 701 and NSG 705. 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 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 720. Family Practicum 1. 5 Hours.**
PR: NSG 712 and PR or CONC: 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 770. Pediatric Primary Care 1. 3 Hours.**
PR or CONC: NSG 767. 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.