Nursing

Nursing Department
(540) 568-6314
http://www.nursing.jmu.edu/

Department Head
Dr. Julie Sanford

Graduate Program Director
Dr. Patty Hale

Professors
P. Hale, L. Hulton, M. Mast, J. Rocchiccioli, J. Sanford

Associate Professors
M. Gross, S. Strang

Assistant Professors
A. Knopp, S. Tratnack, C. Rubenstein

Instructor
A. Graham

Admission

To be considered for admission to the program prospective students must:

- Hold a current Registered Nurse license.
- Complete the online application for The Graduate School.
- Be admitted to The Graduate School.
- Hold a Bachelor of Science in Nursing (B.S.N.) or a baccalaureate degree in another field with a cumulative GPA of 2.8.
- Provide official MAT or GRE scores.
- Have relevant clinical experience.
- Have taken undergraduate courses in statistics and health assessment with a grade of “C” or higher.
- Meet the department’s disability accommodation standards.
- Complete an interview upon request.
- Have health documentation and CPR certification.
- Foreign school graduates: Pass CGFNS Exam, R.N. License, TOEFL (Paper: 570 or higher; Electronic: 88 or higher).

Additional documentation will be required upon admission.

Application Deadline

Applications are processed on a rolling admission basis until the class fills. Applicants who apply prior to April 1 will be given first consideration. Full and part-time students will enter the program in the fall or spring semester of each year.

Application Evaluation Criteria

Evaluation criteria includes previous academic and scholarly work, professional experience, MAT or GRE standardized test results, professional references, and a personal and professional goal statement and its relationship to the mission of the Department of Nursing. Professional references will be reviewed, and an interview may be required.
Mission
The primary mission of the nursing department is to provide quality, professional undergraduate and graduate nursing education that prepares nursing leaders to influence a changing profession, society, health care system and global health needs.

Purposes
In order to support and accomplish this mission the nursing faculty has identified the following purposes:

- Prepare nursing professionals who provide culturally competent, holistic, evidence-based nursing care to individuals, families, aggregates and communities in a wide variety of settings.
- Promote a community of learning that models professional values and lifelong professional development for both faculty and students.
- Promote service-learning activities that include collaborative, interdisciplinary initiatives and partnerships between nursing education and the practice arena to meet the future health needs of consumers.
- Conduct research and creative scholarship to generate nursing knowledge and disseminate that knowledge through collaboration, publication and presentations.

Accreditation
The Masters of Science in Nursing Program is fully accredited by the Commission on Collegiate Nursing Education (CCNE).

Program of Study
The James Madison University Department of Nursing offers a Master of Science in Nursing degree with concentrations offered as:

- Adult/Gerontological Nurse Practitioner (ANP/GNP)
- Clinical Nurse Leader (CNL)
- Family Nurse Practitioner (FNP)
- Nurse Administrator (NA)
- Nurse Midwifery (in conjunction with Shenandoah University)

All concentrations are designed to meet the Essentials of Masters Education in Nursing (2011). Students are admitted for full-time or part-time study. Full-time students can complete the program in four full-time academic semesters. The Nurse Practitioner concentrations require 46 credits for the ANP/GNP or 49 credits for the FNP. The ANP/GNP and FNP concentrations meet the competencies outlined by the National Organization of Nurse Practitioners (NONPF) and the American Association of Colleges of Nursing (AACN). Students complete more than 500 contact practicum hours required for certification and upon graduation through the American Academy of Nurse Practitioners, or the American Nurses Credentialing Center (ANCC).

The leadership options are either the Clinical Nurse Leader (CNL), which requires 38 credit hours or the Nurse Administrator (NA) concentration, which requires 32 credit hours of study. In the CNL role, students are prepared to provide leadership in providing direct clinical care. The Nurse Administrator concentration prepares graduates to assume management positions within health care organizations. Students are admitted for full-time or part-time study. The CNL option is designed to meet the competencies established by the American Association of Colleges of Nursing (AACN); and the Nurse Administrator, the competencies established by the American Organization of Nurse Executives (AONE). Students complete 500 hours of practicum experience. Graduates of the CNL program are eligible to take the CNL certification examination offered by the Commission on Nurse Certification.

The Master of Science in Nurse Midwifery is offered in conjunction with Shenandoah University. Students complete their first year of study (22 credits) at James Madison University, and their second year of study at Shenandoah University (19 credits). The JMU credits may be taken part-time or full-time. The second year of nurse midwifery courses is taken in full-time study at Shenandoah University. Student will graduate with a degree from James Madison University.
Master of Science in Nursing

All M.S.N. students complete the graduate core courses.

<table>
<thead>
<tr>
<th>Graduate Core Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSG 520. Advanced Health Assessment ¹</td>
<td>3</td>
</tr>
<tr>
<td>NSG 521. Advanced Concepts in Pathophysiology ²</td>
<td>3</td>
</tr>
<tr>
<td>NSG 522. Advanced Clinical Pharmacotherapeutics ¹</td>
<td>3</td>
</tr>
<tr>
<td>NSG 611. Research for the Advanced Health Professional</td>
<td>3</td>
</tr>
<tr>
<td>NSG 612. Theoretical Foundations of Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NSG 690. Epidemiology and Population Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NSG 692. Health Policy for Practice and Advocacy</td>
<td>3</td>
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<td>21</td>
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</tbody>
</table>

¹ NA concentration does not require NSG 520, NSG 521 or NSG 522.

Nurse Midwifery Curriculum

<table>
<thead>
<tr>
<th>Courses Taken at JMU</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Nursing Core Courses</td>
<td>21</td>
</tr>
<tr>
<td>NSG 634. Role of the Advanced Practice Nurse</td>
<td>1</td>
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<tr>
<td></td>
<td>22</td>
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<table>
<thead>
<tr>
<th>Courses Taken at Shenandoah University</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM 610. Primary Care of Women</td>
<td>2(1)</td>
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<tr>
<td>NM 620. Comprehensive Antepartal Care</td>
<td>2(1)</td>
</tr>
<tr>
<td>NM 630. Midwifery Practicum</td>
<td>(3)</td>
</tr>
<tr>
<td>NM 640. Comprehensive Perinatal Care</td>
<td>2(1)</td>
</tr>
<tr>
<td>NM 650. Integrated Midwifery Practicum</td>
<td>(6)</td>
</tr>
<tr>
<td>NM 660. NM Role Development</td>
<td>1</td>
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<td>7(12)</td>
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Adult/Gerontological and Family Nurse Practitioner Curriculum

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Nursing Core Courses</td>
<td>21</td>
</tr>
<tr>
<td>NSG 630. Care Delivery and Coordination I</td>
<td>4</td>
</tr>
<tr>
<td>NSG 631. Care Delivery and Coordination II</td>
<td>4</td>
</tr>
<tr>
<td>NSG 632. Coordinated Care of the Elderly</td>
<td>3</td>
</tr>
<tr>
<td>NSG 634. Role of the Advanced Practice Nurse</td>
<td>1</td>
</tr>
<tr>
<td>NSG 671. Practicum I (150 practicum hours)</td>
<td>3</td>
</tr>
<tr>
<td>NSG 672. Practicum II (250 practicum hours)</td>
<td>5</td>
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<tr>
<td>NSG 673. Practicum III (250 practicum hours)</td>
<td>5</td>
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<tr>
<td>Optional Courses</td>
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<tr>
<td>NSG 635. Family Centered Care Delivery (FNP option only)</td>
<td>3</td>
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<tr>
<td>NSG 696. Advanced Practicum</td>
<td>3 or 6</td>
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<td>46-49</td>
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Clinical Nurse Leader (CNL) Curriculum

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<th>Courses</th>
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<tbody>
<tr>
<td>Nursing Core Courses</td>
<td>21</td>
</tr>
<tr>
<td>NSG 650. Organizational Behavior in Health Care</td>
<td>3</td>
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<tr>
<td>NSG 651. Leadership Development</td>
<td>3</td>
</tr>
<tr>
<td>NSG 653. Educational Methodologies for Nurse Leaders</td>
<td>3</td>
</tr>
<tr>
<td>NSG 676. Clinical Nurse Leader Practicum I (250 practicum hours)</td>
<td>4</td>
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<tr>
<td>NSG 677. Clinical Nurse Leader Practicum II (250 practicum hours)</td>
<td>4</td>
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<td>38</td>
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Nurse Administrator (NA) Curriculum

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<tr>
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<tr>
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<td>3</td>
</tr>
<tr>
<td>NSG 651. Leadership Development</td>
<td>3</td>
</tr>
<tr>
<td>NSG 655. Concepts for Nurse Administrators</td>
<td>3</td>
</tr>
<tr>
<td>NSG 678. Nursing Administration Practicum I (250 practicum hours)</td>
<td>4</td>
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<tr>
<td>NSG 679. Nursing Administration Practicum II (250 practicum hours)</td>
<td>4</td>
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Course Offerings

Nursing Department

NSG 520. Advanced Health Assessment.  
3 credits.
This course provides advanced knowledge and health assessment skills. Emphasis is placed on interviewing, history taking, physical assessment and diagnosis based on clinical findings. Normal and abnormal health assessment findings are emphasized. Characteristics of clients from diverse ethnic and cultural backgrounds and age groups are considered. Considerations for the aging client are emphasized. Classroom activities focus primarily on assessments that require history-taking skills and utilize organizing theory and frameworks. Labs focus on the knowledge and skills for history-taking and physical examination.

3 credits.
An advanced, clinically-oriented study of human physiology and the alterations in body functions that underlie diseases in humans. Prerequisite: Admission to the Graduate Nursing program.

NSG 522. Advanced Clinical Pharmacotherapeutics.  
3 credits.
Building upon the knowledge of pharmacology learned at the undergraduate level, this course examines concepts in pharmacotherapeutics necessary for advanced nursing practice. Emphasis will be placed on pharmacokinetics and pharmacodynamics of important classes of drugs. Considerations for the aging client will be highlighted. Case studies will provide an opportunity for critical thinking, clinical application and care coordination.

NSG 611. Research for the Advanced Health Professional.  
3 credits.
The purpose of this course is to advance the role of the nurse in the utilization of new knowledge through scholarly inquiry. The emphasis is on the nursing research process leading to the systematic evaluation and application of evidence-based nursing. Students will analyze and synthesize current studies to improve healthcare interventions and translate findings into practice.
NSG 612. Theoretical Foundations of Advanced Practice Nursing.  
3 credits.  
This course provides students with an opportunity to analyze and utilize nursing models and theories to explain advanced nursing practice. Students will explore advanced practice nursing from a theoretical standpoint and identify strategies for evaluating selected models and theories.

NSG 630. Care Delivery and Coordination I.  
4 credits.  
This course focuses on the evaluation, management and care coordination for clients with common acute health deviations across the adult lifespan within a variety of contexts. The course builds on knowledge and skills from health systems management, advanced health assessment, pathophysiology and pharmacology. Emphasis is placed on formulating diagnoses and plans of care that encompass client, family and coordinated systems of care. Prerequisites: NSG 520, NSG 521. Corequisite: NSG 522.

NSG 631. Care Delivery and Coordination II.  
4 credits.  
This course focuses on the evaluation, management and coordination of care for adolescent and adult clients with common chronic health deviations within a variety of contexts. The course builds on knowledge and skills from advanced health assessment, pathophysiology, and pharmacology and ethics. Emphasis is placed on formulating diagnoses and developing plans of care that encompass clients, families and community resources. Prerequisites: NSG 520, NSG 521 and NSG 522.

NSG 632. Coordinated Care of the Elderly.  
3 credits.  
This course focuses on the health issues and needs of older adults and principles for evaluating, managing, and coordinating their care. Students will differentiate normal changes and symptoms of aging from disease-related symptoms, focusing on the achievement of optimal health and function for older adults. Emphasis is on the collaborative role of advanced practice nurses in assisting older adults and family caregivers from diverse ethnic and cultural backgrounds to negotiate health care delivery systems. Prerequisites or corequisites: NSG 520, NSG 521 and NSG 522.

NSG 634. Role of the Advanced Practice Nurse.  
1 credit.  
This course will focus on historical and developmental aspects and competencies of advance practice nursing (APN), and the continuing evolution of the APN role. Students will explore the varied roles that APNs assume in the health care system and the legal and ethical considerations for advanced practice.

NSG 635. Family Centered Care Delivery.  
3 credits.  
This course focuses on care given to the family unit, as well as individuals within the family unit. Family theory, assessment and management will be emphasized. Emphasis will be placed on assessment and care of the childbearing family and the family with young children. Individual care will focus on the pregnant woman, the newborn, infant, toddler, preschool and school age child (up to adolescence). This course builds on knowledge and skills from advanced health assessment, pathophysiology and pharmacology. Prerequisites: NSG 520, NSG 521 and NSG 522.

NSG 650. Organizational Behavior in Health Care.  
3 credits.  
This course focuses on theories, research, and frameworks that enhance the advanced practice nurse’s understanding of behavior, leadership, and management in health care teams and organizations. Emphasis is on “micro” and “macro” level issues and their implications for behavior management and change in health care systems.

NSG 651. Leadership Development.  
3 credits.  
This course focuses on developing knowledge and understanding of nurse leader roles. Leadership theory and interdisciplinary team decision making in culturally diverse healthcare settings are reviewed. Aspects of leadership in relation to the utilization of current research-based information to plan for the design, implementation and evaluation of client-centered care will be examined.

3 credits.  
This course will investigate the uses of appropriate teaching/learning principles and strategies for a variety of diverse populations. Current information, materials and technologies will be reviewed to facilitate and evaluate the learning of clients, groups, and health care professionals.
3 credits.
This course provides a synthesis of concepts used for effective performance of the nurse administrator’s role in organizations. The use of human and financial resources is examined within an organizational framework and the strategic management of organizational goals, culture and diversity is highlighted. Corequisites: NSG 650 and NSG 651.

NSG 671. Practicum I.
3 credits.
Emphasizes advanced practice role development, complex and holistic client/family care, health promotion/maintenance and care coordination. Practicum is individualized and will highlight the advanced practice roles of clinician, manager, consultant, educator and researcher. Clinical competencies will be emphasized to prepare the student for nurse practitioner certification. Prerequisites: NSG 520, NSG 521 and NSG 630. Corequisite: NSG 522.

NSG 672. Practicum II.
5 credits.
Emphasis will be placed upon the application of clinical skills, theories, concepts, issues and research findings to the clinical care of children, adolescents, adults and/or older adults. Care coordination issues will be addressed as they specifically impact diverse populations in all care settings. Clinical competencies will be emphasized to prepare the student for nurse practitioner certification. Prerequisites: NSG 630 and NSG 671.

NSG 673. Practicum III.
5 credits.
Continues emphasis on the application of clinical skills, theories, concepts, issues and research findings to the clinical care of children, adolescents, adults and/or older adults. Care coordination issues will be addressed as they specifically impact the selected population. Clinical competencies will be emphasized to prepare the student for nurse practitioner certification. Prerequisites: NSG 631 and NSG 672.

NSG 676. Clinical Nurse Leader Practicum I.
4 credits.
This course provides opportunities to apply and integrate leadership knowledge and concepts through an immersion experience. Emphasis is on improving outcomes for patients and/or a clinical area as an information manager. Interventions for health care/education, disease prevention, and risk reduction will be implemented that promote safe, quality care. Prerequisites: NSG 650 and NSG 651. Corequisites: NSG 653.

NSG 677. Clinical Nurse Leader Practicum II.
4 credits.
This course provides opportunities to apply and integrate knowledge and concepts through an immersion experience. Emphasis is on delivery systems and functions that impact patient safety and quality of care. System analysis/risk anticipation, technology utilization, and/or resource management are explored. Prerequisites: NSG 650 and NSG 651. Corequisites: NSG 653.

NSG 678. Nursing Administration Practicum I.
4 credits.
This practicum course is designed to provide opportunities to apply administrative principles in a health care setting. Emphasis is placed on the effective use of resources to improve client health outcomes. Prerequisites: NSG 650 and NSG 651. Corequisites: NSG 655.

NSG 679. Nursing Administration Practicum II.
4 credits.
This practicum course is designed to provide opportunities to apply administrative principles in a health care setting. Emphasis is placed on the organizational environment, and interface with governmental and non-governmental organizations. Prerequisites: NSG 650 and NSG 651. Corequisites: NSG 655.

NSG 680. Independent Study in Nursing.
1-3 credits.
This course provides the opportunity for independent study in a specialized area of concentration. It is conducted under the supervision of a faculty member. Prerequisites: Approval of graduate program coordinator and department head.

NSG 690. Epidemiology and Population Assessment.
3 credits.
This course focuses on the distribution of health-related conditions within human populations and factors influencing their distribution. Emphasis is on measurement of the health of populations, the natural history of diseases, study design and assessment of data sources. It addresses health systems that focus on health promotion and disease prevention.
NSG 692. Health Policy for Practice and Advocacy.
3 credits.
This course addresses the foundation of health policymaking. It emphasizes policy analysis for practitioners in leadership roles. Federal and state policy-making and the mechanisms for health policy change are emphasized. Policy issues impacting health delivery will form the basis for the development of critical understanding of policy development.

NSG 696. Advanced Practicum.
3 or 6 credits.
Emphasis on the application of skills, theories, concepts, issues and research findings to the clinical care of selected populations in age ranges appropriate for the selected track. Clinical competency for a specific population is emphasized. This course will use clinical preceptors as well as faculty. Prerequisite: NSG 673 or permission of the instructor. For FNP students, corequisite: NSG 635.

Shenandoah University – Nurse-Midwifery (NM) Courses

Descriptions from Shenandoah University’s Graduate Catalog. Refer to Shenandoah University’s Graduate Catalog for most recent information on their courses.

NM 610. Primary Care of Women. (Taken at Shenandoah University)
2 credits.
The intent of this course is to assist the student in developing and applying knowledge, skills, values, meanings and experiences related to the nurse-midwifery management process in the primary care of women. Prerequisites: Completion of all graduate-level core courses. NMLB 610 clinical must be taken concurrently. Includes a clinical/lab fee.

NM 620. Comprehensive Antepartal Care. (Taken at Shenandoah University)
2 credits.
The intent of this course is to assist the student in developing and applying knowledge, skills, values, meanings and experiences of the nurse-midwifery management process in the comprehensive antepartal care of women. Prerequisites: Completion of all graduate-level core courses. NMLB 620 clinical must be taken concurrently. Includes a clinical/lab fee.

NMLB 630. Nurse-Midwifery Practicum. (Taken at Shenandoah University)
3 credits for clinical.
The intent of this course is to assist the student in applying knowledge, skills, values, meanings and experiences of the nurse-midwifery management process in primary care and comprehensive antepartal care. Pre/corequisites: Completion of NM 610 and NM 620. Includes a clinical/lab fee.

NM 640. Comprehensive Perinatal Care. (Taken at Shenandoah University)
2 credits.
The intent of this course is to assist the student in developing knowledge, skills, values, meanings and experiences of the nurse-midwifery management process in comprehensive perinatal care. Pre/corequisite: Completion of NM 630. NMLB 640 clinical must be taken concurrently. Includes a clinical/lab fee.

NMLB 650. Integrated Nurse-Midwifery Practicum. (Taken at Shenandoah University)
6 credits.
The intent of this course is to assist the student to integrate and influence the knowledge, skills, values, meanings and experiences related to nurse-midwifery management process in primary care, comprehensive antepartal care and comprehensive perinatal care. Pre/corequisites: Completion of NM 630 and NM 640 and enrollment in NM 660. Includes a clinical/lab fee.

NM 660. Advanced Nurse-Midwifery Role Development. (Taken at Shenandoah University)
1 credit.
The intent of this course is to assist the student in acquiring and applying the knowledge, skills, values, meanings and experiences of the professional behaviors associated with the practice of advanced/specialized nursing. Prerequisites: Completion of NM 650.