

**West Virginia University School of Nursing  
Potomac State Department**

**BASIC BSN PROGRESSION PLAN  
FALL ADMISSION**

**PRE-BSN (FRESHMAN) LEVEL**

<i>Fall</i>		<i>Spring</i>	
+BIOL 102 & BIOL 104 General Biology	4	+BIOL 230 Human Anatomy and Physiology 1	4
+CHEM 111 & CHEM 111L Survey of Chemistry	4	+CHEM 112 & CHEM 112L Survey of Chemistry	4
*+MATH 124 or MATH 126 College Algebra	3	*+ENGL 101 Introduction to Composition and Rhetoric	3
*+PSYC 101 Introduction to Psychology	3	+STAT 211 Elements of Statistical Inference	3
*+WVUE 191 First Year Seminar	1	*+NSG 100 Introduction to Nursing	2
<b>Total Credits</b>	<b>15</b>		<b>16</b>

**SOPHOMORE LEVEL**

<i>Fall</i>		<i>Spring</i>	
BIOL 231 Human Anatomy and Physiology 2	4	**ENGL 102 Composition, Rhetoric, and Research	3
MICB 200 Medical Microbiology	3	**HN&F 171 Introduction to Nutrition	3
**PSYC 241 Introduction to Human Development	3	NSG 212 Foundations of Nursing Practice	6
NSG 211 Health Assessment and Communication	6	NSG 250 Clinical Nursing Pharmacology	3
<b>Total Credits</b>	<b>16</b>		<b>15</b>

**JUNIOR LEVEL**

<i>Fall</i>		<i>Spring</i>	
***GEF (Course in F7: Global Studies and Diversity)	3	***GEF (Course in F5: Human Inquiry and the Past)	3
NSG 310 Maternal Infant Nursing and Women's Health	4	NSG 312 Alterations in Adult Health 2	6
NSG 311 Alterations in Adult Health 1	6	NSG 320 Child and Adolescent Health	4
NSG 350 Evidence Based Practice and Research	3	NSG 360 Ethics and Health Policy	3
<b>Total Credits</b>	<b>16</b>		<b>16</b>

**SENIOR LEVEL**

<i>Fall</i>		<i>Spring</i>	
***GEF (Course in F6: The Arts and Creativity)	3	NSG 412 Leadership in Complex Systems	7
NSG 411 Nursing in Complex Community Systems	7	NSG 460 Care of the Critically Ill Patient	4
NSG 435 Cardiology for Nursing (Nursing Elective)	2	NSG 486 NCLEX Review	1
NSG 450 Alterations in Mental Health	4		
<b>Total Credits</b>	<b>16</b>		<b>12</b>

\*Can be taken fall or spring semester

+Required with grade of C or better before enrollment in sophomore nursing courses

\*\*Pre- or co-requisites with sophomore courses. Must be completed with C or better to progress to junior level

\*\*\*May be interchanged

**Total credits 122 (Nursing credits = 68; Non-nursing credits = 54)**

**West Virginia University School of Nursing  
Potomac State Department**

**Required BSN Courses**

*Note: All prerequisite (PR) and concurrent (CONC) courses listed for nursing (NSG) courses must be completed with a grade of C or higher.*

**NSG 100.** Introduction to Nursing. 2 hr. Introduction to the role of the nurse in modern health care: critical thinking, nursing interventions, professionalism, caring, and communication in nursing practice with emphasis on safety, quality, health, culture, ethics, leadership, and health policy.

**NSG 211.** Health Assessment and Communication. 6 hr. PR: NSG 100; PR or CONC: BIOL 231. Examination of concepts, principles, processes, and models that guide nursing practice related to physical, psychosocial, spiritual, developmental, intellectual assessment, and communication across the lifespan in the classroom, simulation, and various clinical settings.

**NSG 212.** Foundations of Nursing Practice. 6 hr. PR: NSG 211; PR or CONC: NSG 250. Theories, concepts, principles, and processes that lay the foundation for critical thinking, nursing interventions, communication, professional role, and caring in the practice of nursing. Application of the nursing process in classroom, simulation, and clinical experiences.

**NSG 250.** Clinical Nursing Pharmacology. 3 hr. PR: NSG 211. Principles of pharmacology emphasizing scholarly inquiry and evidence-based reasoning to insure accurate knowledge of and administration of medications to individuals and families across the lifespan. Pharmacological management is analyzed in conjunction with pathophysiology.

**NSG 310.** Maternal Infant Nursing and Women's Health Care. 4 hr. PR: NSG 212; PR or CONC: NSG 250 and NSG 311. Human response to normal and abnormal changes in health status across the female lifespan and adaptations of the childbearing family. Provision of holistic nursing care to women and childbearing families in the clinical area.

**NSG 311.** Alterations in Adult Health 1. 6 hr. PR: NSG 212; PR or CONC: NSG 250. Pathophysiology and holistic nursing care of adults experiencing acute and chronic problems. Use of the nursing process to plan and provide interventions appropriate to health care needs in the clinical setting.

**NSG 312.** Alterations in Adult Health 2. 6 hr. PR: NSG 250 and NSG 311. Builds on NSG 311 using critical thinking and nursing process in a team-based learning format, paired with clinical application, to explore holistic nursing care of adults with acute and chronic health problems.

**NSG 320.** Child and Adolescent Health. 4 hr. PR: NSG 250 and NSG 311; CONC: NSG 312. Didactic and clinical experiences focused on human response to alterations in health, developmental needs, and family-centered care specific to pediatric population with emphasis on the professional nursing role, evidence-based reasoning, therapeutic communications, and caring.

**NSG 350.** Evidence Based Practice and Research. 3 hr. PR: NSG 212 and STAT 211. Theory, concepts, and methods of the research process intended to provide a basic understanding that is

**West Virginia University School of Nursing  
Potomac State Department**

necessary for the translation of current evidence into nursing practice.

**NSG 360.** Ethics and Health Policy. 3 hr. PR: ENGL 102 and NSG 212. Ethical decision-making in health care situations across the lifespan, including palliative and end of life care. Health care policy, legal, and regulatory issues are discussed.

**NSG 411.** Nursing in Complex Community Systems. 7 hr. PR: NSG 310, NSG 312, NSG 320, and NSG 350. Comprehensive theoretical introduction to community health nursing paired with clinical experience focused on promoting health and preventing disease in multiple populations. Culminates in a capstone project that addresses an identified community health need.

**NSG 412.** Leadership in Complex Systems. 7 hr. PR: Senior standing in BSN program (must be taken in the last semester of the BSN program). Development of leadership and management skills necessary for professional nursing practice and interventions supporting multiple patients in acute-care complex systems. Classroom experiences paired with 225 hours of precepted leadership experience.

**NSG 450.** Alterations in Mental Health. 4 hr. PR: NSG 310, NSG 312, NSG 320, and NSG 360. Theory and practice of professional nursing in response to complex alterations in psychosocial function and their impact on individuals, families, and communities. Classroom and clinical experiences.

**NSG 460.** Care of the Critically Ill Patient. 4 hr. PR: NSG 310, NSG 312, NSG 320, and NSG 450. Focuses on the professional nursing role in supporting individuals and families experiencing complex physiological alterations in health. Paired with clinical experiences supporting individuals and families in critical care settings.

**NSG 486.** NCLEX Review. 1 hr. PR: Senior standing in BSN program (taken in last semester of the BSN program). Focuses on achievement of professional success by preparing for RN licensure. Preparation for NCLEX will be the focus of this by enhancing NCLEX testing skills.

**BSN Nursing Elective**

**NSG 435.** Cardiology for Nursing. 2 hr. PR: Senior standing in BSN Program. Introduction to the interpretation and treatment of cardiac arrhythmias.

Other NSG electives may be available online.

**General Education Foundations (GEF)**

The General Education Foundations (GEF) provide students with academic and intellectual breadth to appreciate the broad context of their actions, their choices, and their world, beyond their major field(s) of study. WVU aims to help students build the foundational skills and knowledge necessary to reason clearly, communicate effectively, think critically, and contribute to society.

**West Virginia University School of Nursing  
Potomac State Department**

The GEF are designed to ensure that students meet these goals through inquiry-based learning across disciplines. In conjunction with a major field, and in consultation with their advisors, students will design programs of study that satisfy the GEF. The GEF works to fulfill the University's goals of (1) creating well-rounded students with a broad base of skills and knowledge, (2) linking together the courses that students take at WVU, and (3) instilling in students a permanent connection to learning and education, giving them the skills to learn what they need outside a formal educational environment. The GEF strives to help students be thoughtful participants in a democratic society, and to achieve the intellectual integration and awareness they will need to adapt to changes and meet challenges in their personal, social, and professional lives.

The BSN program required courses fulfill all but three GEF categories, which means that students will be required to take only three (3) three-credit GEF courses (one from F5: Human Inquiry and the Past, one from F6: The Arts and Creativity, and one from F7: Global Studies and Diversity). These are built into the progression plan (see junior and senior years).