

# LPN TO BACHELOR OF SCIENCE IN NURSING (BSN) PROGRAM REQUIREMENTS

The following courses should be completed prior to starting the LPN to BSN cohort plan of study. Students can complete these courses at NMC, however this will extend their plan of study. The LPN to BSN program starts new cohorts every Fall (August). Students must earn a grade of C- or higher in order to fulfill prerequisite courses. Please note that one course cannot be used to satisfy more than one prerequisite.

PREREQUISITE COURSE	SEMESTER HOURS	QUARTER HOURS
<p><b>MAT 110 Intermediate Algebra</b></p> <p>This course is designed for students who need to review basic algebra skills. It covers topics including positive and negative real numbers, solving and graphing linear equations and systems of linear equations, applications of algebra, exponents and scientific notation, operations with polynomials, factoring, rational expressions, functions and their graphs, inequalities, roots, radicals and complex numbers.</p>	3	4.5
<p><b>COM 101 English Composition</b></p> <p>This course provides instruction and practice in writing, with emphasis on the recursive processes of generating, drafting, revising and editing. Students develop skills in producing and evaluating written communications in private and public contexts.</p>	3	4.5
<p><b>PSY 101 Introduction to Psychology</b></p> <p>This course offers students an engaging introduction to the essential topics in the field of psychology. Throughout this scientific study of human behavior and the mind, students will survey and gain insight into the history of the field of psychology, as well as explore current theories and issues in areas such as wellness, emotion, cognition, motivation, perception, consciousness, social and personality, and memory.</p>	3	4.5
<p><b>CHE 101 Introduction to Chemistry (with lab)</b></p> <p>This course is an overview of general, organic, and biological chemistry with an emphasis on applications to health sciences. This course will introduce students to the basic knowledge of the properties of the matter, its reactions, and classifications. The course will discuss the main organic compounds and their properties as well as include some basic biochemistry principles. The course is accompanied by a full lab</p>	4*	6*
<p><b>PSY 215 Lifespan Development</b></p> <p>The Lifespan perspective involves several basic contentions: development is life-long, multidimensional, multi-directional, plastic, historically embedded, multi-disciplinary, and contextual. Three imperative developmental issues are explored: maturation and experience, continuity and discontinuity and stability and change. Students study how humans develop and how they become who they are.</p>	3	4.5
<p><b>BIO 225 Human Anatomy &amp; Physiology I (with lab)</b></p> <p>This course will introduce students to basic information required for further study and understanding of Anatomy and Physiology, as well as for the study of all healthcare related subjects. Terminology that is specific to the medical field is introduced. Basic principles of chemistry, physics, embryology, developmental biology, and histology are reviewed/introduced. Students are introduced to the eleven body systems. This course then focuses on enabling students to learn and understand the Anatomy (structure) and Physiology (function) of the Integumentary, the Nervous, the Skeletal, and the Muscular Systems. Laboratory experience will include cadaveric study.</p>	4*	6*
<p><b>BIO 226 Human Anatomy &amp; Physiology II (with lab)</b></p> <p>The structure and function of the special senses, along with the endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive systems are stressed in this course. Laboratory experience will include cadaveric study.</p>	4*	6*

\*If course has less than the specified number of credit hours, student will be asked to provide a syllabus to verify that the course had a lab component.

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