

# PRE-NURSING

## Introduction

Students interested in a career in nursing may pursue a bachelor degree in any subject along with specific prerequisites. They then enter an Accelerated Nursing Program which allows students to earn the Bachelor of Science in Nursing (BSN) degree typically in one year. Students may also elect to pursue a direct-entry Master of Science in Nursing (MSN) via a BSN-MSN combined program. A competitive score on the GRE may be required for some master-level programs. Students should gain a thorough understanding of the profession through hospital volunteerism and/or working as a Certified Nursing Assistant, Home Health Aide, or Personal Care Assistant. Students should work with the Pre-Health advisor as soon as possible after entering the pre-nursing pathway to select appropriate coursework based on their schools of interest. In addition to the information in this section, please check the general information at the pre-medical and pre-health section of the catalog (<http://catalog.canisius.edu/undergraduate/academics/curricular-information/pre-professional-programs/pre-medical-pre-health-professions/>).

## Recommended Pre-Nursing Courses

Academic admission requirements vary by school. The following coursework prepares students to apply to multiple programs. Note that some prerequisites may need to be completed through our WNY cross-registration program.

### Anatomy & Physiology

Please note that the University at Buffalo Nursing has very specific coursework in anatomy and physiology that may affect your course selections.

One year of Anatomy & Physiology with laboratory:

Code	Title	Credits
Select one of the following:		
Option 1:		
BIO 114 & 114L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory	4
BIO 115 & 115L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory	4
Option 2:		
BIO 324 & 324L	Human Anatomy and Human Anatomy Lab	4
BIO 340 & 340L	Physiology and Physiology Laboratory	4

### Microbiology

One semester of general microbiology with laboratory:

Code	Title	Credits
BIO 307 & 307L	Microbiology and Microbiology Laboratory	4

### Nutrition

One semester of nutrition:

Code	Title	Credits
BIO 109 or KIN 115	Nutrition Nutrition	3

### Chemistry

One semester of general chemistry with laboratory:

Code	Title	Credits
CHM 111 & 111L	General Chemistry I and General Chemistry I Laboratory	4

### Mathematics

One semester of statistics.

Code	Title	Credits
PSY 201	Basic Statistics for Behavioral Sciences	3 or 4
or MAT 131	Statistics for Social Sciences	
or MAT 141	Inferential Statistics and Computers for Science	
or KIN 398	Statistics and Research Design	

### Psychology

One semester of Developmental Psychology, with additional coursework in psychology such as PSY 101, PSY 102, or PSY 303 helpful:

Code	Title	Credits
PSY 203	Lifespan Developmental Psychology	3

### Medical Terminology

One course in medical terminology is required by some schools:

Code	Title	Credits
HRP 111	Medical Terminology	1

### Additional Pre-Nursing Courses

Some schools recommend additional coursework from the following:

**Science Courses:** Pathophysiology, Pharmacology, Human Genetics and additional Physiology courses may be required by some programs. These may be taken through our WNY cross-registration program.

**Sociology:** SOC 110 or SOC 111

**Bio-Medical Ethics:** PHI 243 or RST 345

### Elective Courses

HRP 101 allows students to explore different health professions.

HRP 111 introduces students to medical terminology.

HRP 201 and HRP 202 allow students to explore areas of medicine in more depth.

HRP 498 is an internship in medical informatics. A medical scribe internship is also available.

HRP 498A is a medical service learning trip.