

# HEALTH PROFESSIONS PATHWAY

## Bachelor of Science in Nursing - Traditional BSN

The Bachelor of Science (B.S.) in Nursing – Traditional BSN, housed in the Ila Faye Miller School of Nursing and Health Professions at the University of the Incarnate Word, prepares graduates to take the licensure examination to become a Registered Nurse (RN). Nursing courses include clinical experiences in a variety of settings with clients across the lifespan. The nursing education building includes a modern clinical learning center that offers high-fidelity simulated learning experiences. UIW graduates are employed around the world in all areas of healthcare including hospitals, community settings, research, education, parish ministries, government agencies and military services.

### 11th Grade

FALL

BIOL 2321  
BIOL 2121  
UIW CORE

SPRING

BIOL 2322  
BIOL 2122  
PSYC 1301  
UIW CORE

### 12th Grade

FALL

MATH 1304  
NUTR 2341  
UIW CORE

SPRING

MATH 2303  
CHEM 1310  
CHEM 1110  
UIW CORE



### PROFESSIONAL DEGREE OPTIONS

- BSN - Doctor of Nursing Practice
- MSN - Doctor of Nursing Practice
- Master of Science in Nursing Leadership
- RN - Master of Science in Nursing

SCAN NOW

Learn more about the Ila Faye Miller School of Nursing and Health Professions.



## BRAINPOWER CONNECTION'S COLLEGE CONNECTION PROGRAM

The Brainpower Connection's College Connection Program offers a seamless transition to the University of the Incarnate Word and its Health Professions schools, accelerating their academic pathway to UIW and post-secondary education at a reduced tuition rate. Eligible students attend college classes on the UIW campus. These dual credit courses will help students to succeed in college and provide opportunities to engage in student life activities. Health professions students must have a C or better in all college courses for major, minor, concentration, and/or specialization.

### FOR MORE INFORMATION

Contact Patricia L. Ramirez, director of Brainpower Connection Programs, at (210) 283-6300 or [plramire@uiwtx.edu](mailto:plramire@uiwtx.edu).





## B.S. in Nursing Course Descriptions

### BIOL 2321 Anatomy and Physiology I

This course is the first of a two-course sequence. It examines the gross structure and functions of the human body including cells, tissues, and organs of the following systems: integumentary, skeletal, muscular, nervous, and special senses. It is designed for students in biology, the health professions, and physical education.

### BIOL 2121 Anatomy and Physiology I Lab

Corequisite laboratory section of BIOL 2321.

### BIOL 2322 Anatomy and Physiology II

Anatomy and Physiology II is a course covering the second half of a two-semester sequence on the structure and function of the human organism. The purpose of this course is to familiarize students with the endocrine system, circulation, immunity, respiration, digestion, urinary system, homeostasis of acid, base, and fluids, reproduction, and development. **Prerequisite: BIOL 2321.**

### BIOL 2122 Anatomy and Physiology II Lab

Corequisite laboratory section of BIOL 2322.

### CHEM 1310 Introductory Chemistry

This course studies fundamental principles of general and organic chemistry. The topics include chemical and physical changes, atoms and molecules, states of matter, chemical bonding, reactions, kinetics and equilibrium, acids and bases, and an introduction to organic chemistry.

### CHEM 1110 Introductory Chemistry Lab

Corequisite laboratory section of CHEM 1310.

### MATH 1304 College Algebra

This three-hour course covers algebraic operations, functions, and functional notation; polynomial equations and inequalities; graphing techniques, graphs of polynomial and rational functions; logarithms and exponentials; and problems from the physical and social sciences and business.

### MATH 2303 Probability and Statistics

This course covers elementary probability theory, as well as techniques of statistical inference including sampling theory, estimation procedures, and hypothesis testing. **Prerequisite: MATH 1304 or higher.**

### NUTR 2341 Introduction to Nutrition

This course examines fundamentals of normal human nutrition, major nutritional problems, and the relation of nutrition to mental and physical development. Food habits and the cultural, social, and psychological influences upon food choices are discussed. In addition, the course introduces students to current dietary guidelines and nutrition issues and requires the application of basic nutrition principles to dietary assessment. **Prerequisite: 3 semester hours in Chemistry or Biology.**

### PSYC 1301 Introduction to Psychology

This course studies the basic facts and principles of psychology.