

University of the Incarnate Word<sup>®</sup>

## Bachelor of Science in **Healthcare Sciences** **Pre-Physician Assistant Track**

Ila Faye Miller School of Nursing and Health Professions

### **PROGRAM OVERVIEW**

The Bachelor of Science (B.S.) in Healthcare Sciences program at the Ila Faye Miller School of Nursing and Health Professions at the University of the Incarnate Word is designed to be a pathway for students wishing to continue into professional graduate programs in athletic training, physical therapy, medical school, occupational therapy and physician assistant areas. The curriculum structure and content give the graduate a strong foundation and credentials to embark on other careers in advanced healthcare settings or to enter the workforce as entry-level technicians in healthcare settings. Students interested in pursuing a professional degree in other health profession fields may select a concentration they feel is the most appropriate to their professional goals, and an individualized advising plan may be necessary.

**Pre-Physician Assistant Track:** This track is designed for students with compassion, problem-solving skills and strong academic preparation. The track prepares students to further their study in the medical field and/or pursue a career as a physician assistant.

### **ADMISSION REQUIREMENTS**

The requirements for admission to the B.S. in Healthcare Sciences are the same as the requirements for admission to the University of the Incarnate Word.

### **CONTACT**

**UIW Admissions**  
(210) 829-6005  
admission@uiwtx.edu

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**Healthcare Sciences - Pre-Physician Assistant**

## B.S. in Healthcare Sciences - Pre-Physician Assistant Track

### FRESHMAN YEAR

#### Fall

ENGL 1311: Composition I (3 hours)  
 MATH 1304: College Algebra (3 hours)  
 PSYC 1301: Introduction to Psychology (3 hours)  
 FYES 1211: First Year Experience Seminar (2 hours)  
 BIOL 2321: Anatomy & Physiology I (3 hours)  
 BIOL 2121: Anatomy & Physiology I Lab (1 hour)

**Total Hours: 15**

#### Spring

ENGL 1312: Composition II (3 hours)  
 RELS Intro Religion (3 hours)  
 BIOL 1402: General Biology I (4 hours)  
 BIOL 2322: Anatomy & Physiology II (3 hours)  
 BIOL 2122: Anatomy & Physiology II Lab (1 hour)  
 PEHP Physical Activity Course (1 hour)

**Total Hours: 15**

### SOPHOMORE YEAR

#### Fall

HCSC 2310: Intro to Healthcare Sciences (3 hours)  
 HCSC 2250: Medical Term & Documentation (2 hours)  
 ENGL 2310: World Literature (3 hours)  
 CHEM 1301: Chemical Principles I (3 hours)  
 CHEM 1101: Chemical Principles I Lab (1 hour)  
 BIOL 1403: General Biology II (4 hours)  
 BIOL 1403L: General Biology II Lab (0 hours)

**Total Hours: 16**

#### Spring

HCSC 2150: Professional Engagement (1 hour)  
 HCSC 2251: Health Assmt and Physical Exam (2 hours)  
 HCSC 3330: Applied Biomechanics and Interventions (3 hours)  
 CHEM 1302: Chemical Principles II (3 hours)  
 CHEM 1102: Chemical Principles II Lab (1 hour)  
 Fine Arts (3 hours)  
 PHIL 1381: Introduction to Philosophy (3 hours)

**Total Hours: 16**

### JUNIOR YEAR

#### Fall

HCSC 3320: Social and Cultural Considerations (3 hours)  
 HCSC 3210: Pathopharm I (2 hours)  
 HCSC 3360: Lower Extremity Case Mgmt (3 hours)  
 CHEM 2311: Organic Chemistry I (3 hours)  
 CHEM 2111: Organic Chemistry I Lab (1 hour)  
 PSYC 3381: Statistics in Psychology or  
 MATH 2303: Intro to Probability and Stats (3 hours)

**Total Hours: 15**

#### Spring

HCSC 3250: Professional School Prep (2 hours)  
 HCSC 3260: Pathopharm II (2 hours)  
 HCSC 4310: Upper Extremity Case Mgmt (3 hours)  
 Upper PHIL/RELS (Ethics recommended) (3 hours)  
 BIOL 3471: Microbiology (4 hours)  
 BIOL 3471L: Microbiology Lab (0 hours)

**Total Hours: 14**

### SENIOR YEAR

#### Fall

HCSC 4350: Conditions of the Spine and Neuro Systems (3 hours)  
 HCSC 4330: Interprofessional Communication (3 hours)  
 Modern Language I (3 hours)  
 Upper Level Bio of choice (3 hours)  
 BIOL 3361: Genetics (3 hours)

**Total Hours: 15**

#### Spring

HCSC 4360: Informatics and Evidence (3 hours)  
 HCSC 4320: Exercise Physiology (3 hours)  
 PSYC 3384: Research Methods (3 hours)  
 History (3 hours)  
 Modern Language II (3 hours)

**Total Hours: 15**

**121 hours needed to complete the B.S. in Healthcare Sciences - Pre-Physician Assistant Track**