

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

## Bachelor of Science in **Healthcare Sciences** **Pre-Medicine 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-Medicine Track:** This track is designed for students with the drive, ambition and academic preparation required to become a physician. The track prepares students for a career in medicine and/or graduate school.

### **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-Medicine**

## B.S. in Healthcare Sciences - Pre-Medicine Track

### FRESHMAN YEAR

#### Fall

ENGL 1311: Composition I (3 hours)  
 MATH 1304: College Algebra (3 hours)  
 Fine Arts (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)  
 PHIL 1381: Introduction to Philosophy (3 hours)  
 CHEM 1301: Chemical Principles I (3 hours)  
 CHEM 1101: Chem Principles I Lab (1 hour)  
 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)  
 PSYC 1301: Introduction to Psychology (3 hours)  
 BIOL 1402: General Biology I (4 hours)  
 CHEM 1302: Chemical Principles II (3 hours)  
 CHEM 1102: Chemical Principles II Lab (1 hour)

**Total Hours: 16**

#### Spring

HCSC 2150: Professional Engagement (1 hour)  
 HCSC 2251: Health Assmt and Physical Exam (2 hours)  
 CHEM 2311: Organic Chemistry I (3 hours)  
 CHEM 2111: Organic Chemistry I Lab (1 hour)  
 BIOL 1403: General Biology II (4 hours)  
 BIOL 1403L: General Biology II Lab (0 hours)  
 RELS Intro Religion (3 hours)

**Total Hours: 14**

### JUNIOR YEAR

#### Fall

HCSC 3320: Social & Cultural Considerations (3 hours)  
 HCSC 3360: Lower Extremity Case Mgmt (3 hours)  
 History (3 hours)  
 PHYS 1301: General Physics I (3 hours)  
 PHYS 1101: General Physics I Lab (1 hour)  
 CHEM 2312: Organic Chemistry II (3 hours)  
 CHEM 2112: Organic Chemistry II Lab (1 hour)

**Total Hours: 17**

#### Spring

HCSC 3250: Professional School Prep (2 hours)  
 HCSC 4310: Upper Extremity Case Mgmt (3 hours)  
 PHYS 1302: General Physics II (3 hours)  
 PHYS 1102: General Physics II Lab (1 hour)  
 BIOL 4351: Biochemistry (3 hours)  
 BIOL 3311: Cell Biology (3 hours)

**Total Hours: 15**

### SENIOR YEAR

#### Fall

HCSC 4350: Spine & Neuro Case Mgmt (3 hours)  
 HCSC 4330: Interprofessional Communication (3 hours)  
 HCSC 3210: Pathopharm I (2 hours)  
 Modern Language (3 hours)  
 ENGL 2310: World Literature (3 hours)  
 PSYC 3381: Statistics in Psychology or  
 MATH 2303: Intro to Probability & Stats (3 hours)

**Total Hours: 17**

#### Spring

HCSC 4360: Informatics & Evidence (3 hours)  
 HCSC 4320: Exercise Physiology (3 hours)  
 HCSC 3260: Pathopharm II (2 hours)  
 Upper PHIL/RELS – Ethics recommended (3 hours)  
 Modern Language II (3 hours)

**Total Hours: 14**

**123 hours needed to complete the B.S. in Healthcare Sciences - Pre-Medicine Track.**

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