



# REHABILITATIVE SCIENCE

Bachelor of Science

Ila Faye Miller School of Nursing & Health Professions

**Program Overview** The University of the Incarnate Word is grounded in its heritage on the tradition of serving the sick and the poor. The Bachelor of Science in Rehabilitative Sciences is designed to be the pathway for students seeking to go into physical therapy, occupational therapy, and physician assistant studies. Furthermore, the curriculum structure and content give the graduate a strong foundation to embark on other careers in advanced health care settings or to enter the workforce as entry-level technician in health care settings.

**The Program** The Rehabilitative Sciences major requires students to complete 125 credit hours for graduation, 36 hours of which must be upper level coursework. This degree plan was designed to meet the needs of most post-baccalaureate advanced allied health programs in the State of Texas.

The curriculum was designed to meet the needs of the majority of programs within the state. In some instances, the individual may need to take additional course work to meet the academic pre-requisites for entry into a specific program.

**Educational, Career Paths and Opportunities** Students who complete the Rehabilitative Science major will be well prepared and positioned to enter a number of advanced professional programs and/or various areas with additional training.

These include:

1. Pursue an advanced graduate degree (e.g., exercise physiology, mechanics), or a doctorate degree in physical therapy and/or occupational therapy.
2. An advanced degree in physician assistant studies, bracing, orthotics, or prosthetics
3. Entry into an entry-level athletic training master degree program
4. Cardiac rehabilitation (hospitals, clinics)
5. Commercial, community, and corporate fitness
6. Health and wellness programming (hospitals, universities, hotels, recreation agencies)
7. Personal training, such as strength training/conditioning
8. Healthcare case manager
9. Rehabilitation counselor
10. Clinical trial management
11. Adapted and special needs casework

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**Bachelor of Science in Rehabilitative Science**  
**ILA FAYE MILLER SCHOOL OF NURSING & HEALTH PROFESSIONS**  
**2015-2017**

<b>Freshman Year: Fall</b>		Hrs.
ENGL 1311 or 1311L Composition I		3
MATH 1304 College Algebra (if needed)		3
PHIL 1381 Introduction to Philosophy		3
ATHP 1211 Medical Terminology		2
BIOL 2321 Anatomy & Physiology I		3
BIOL 2121 Anatomy & Physiology I Lab		1
∞Placement in BIOL 2321/2121 dependent on Math scores		
<b>Total hours</b>		<b>15</b>
<b>Sophomore Year: Fall</b>		
ENGL 2310 World Literature Studies		3
ATHP 1310 Introduction to Patient Care		3
ATHP 2305 Fun Anatomy & Muscle Test		3
ATHP 2310 Ortho Injuries/Athletic Conditions		3
BIOL 1401 Diversity of Life		4
<b>Total hours</b>		<b>16</b>
<b>Junior Year: Fall</b>		
ATHP 3310 Pathology of Body Systems		3
ATHP 2320 Eval of Head, Neck, Upper Ext		3
3000 Level Religious Studies OR Philosophy		3
Fine Arts Core		3
CHEM 1302 Chemical Principles II		3
CHEM 1203L General Chemistry Lab		2
<b>Total hours</b>		<b>17</b>
<b>Senior Year: Fall</b>		
ATHP 3355 Biomechanics		3
Modern Language I		3
PSYC 3381 Stats for Behavioral Sciences OR SOCI 3381/CRJU 3381		3
Major Science Course		4
ATHP 4388 Internship		3
<b>Total hours</b>		<b>16</b>

<b>Freshman Year: Spring</b>		Hrs.
ENGL 1312 Composition II		3
MATH 1311 Pre-Calculus		3
Physical Education Activity		1
Social Science Core		3
BIOL 2322 Anatomy & Physiology II		3
BIOL 2122 Anatomy & Physiology Lab		1
DWHP 1200 Dimensions of Wellness		2
ATHP 2199 Seminar for Health Professionals		1
<b>Total hours</b>		<b>17</b>
<b>Sophomore Year: Spring</b>		
ATHP 3320 Therapeutic Modalities		3
ATHP 2315 Eval of Trunk/Lower Extremities		3
CHEM 1301 Chemical Principles I		3
RELS 1305, 1315, 1325, 1335 or 1327H		3
BIOL 1402 Unity of Life		4
<b>Total hours</b>		<b>16</b>
<b>Junior Year: Spring</b>		
Major Science Course		4
SOCI/PSYC 3351 Social Psychology		3
SOCI/PSYC 4320 Health Psychology		3
History Core		3
ATHP 3330 Therapeutic Rehabilitation		3
<b>Total hours</b>		<b>16</b>
<b>Senior Year: Spring</b>		
ATHP 4338 Exercise Physiology		3
Modern Language II		3
PSYC 3384 Research Methods OR SOCI 3384/CRJU 3384		3
PSYC 3331 Abnormal Psychology		3
<b>Total hours</b>		<b>12</b>

**Core Curriculum - Total Hours 40**  
**Major - Total Hours 85**  
**Degree - Total Hours 125**