

# REHABILITATION SCIENCE (M)

The Bachelor of Science in Rehabilitation Science (BSRS) degree is intended to offer traditional undergraduate students, those pursuing a bachelor's only and those considering a bachelor's plus additional graduate coursework, an opportunity to receive a broad-based education in rehabilitation while meeting the pre-requisites for the graduate Occupational Therapy (OT) and Physical Therapy (PT) Programs at Concordia University Wisconsin (CUW). Students who are enrolled in BSRS may be eligible to apply for admission to the graduate OT and PT programs at CUW. The BSRS Accelerated and Traditional tracks are intended for high school students entering CUW. Students with an associate degree could also enroll in the BSRS Traditional track. In addition, the BSRS Bridge Program is intended to offer licensed Occupational Therapy Assistants (OTA) and Physical Therapist Assistants (PTA) an opportunity to receive a broad-based education in rehabilitation. Students enrolled in the Bridge BSRS Program will meet the requirements for the BSRS degree. Students will be eligible to apply for admission to the Bridge tracks in the Occupational Therapy (OT) or Physical Therapy (PT) graduate programs at CUW. Additional prerequisite coursework may be required for the graduate programs.

## Mission

The mission of Concordia University's Bachelor of Science in Rehabilitation Science (BSRS) degree is to provide foundational knowledge, skills, and a faith-based education that prepares students for employment in a health care field and for graduate-level education as a rehabilitation professional.

## General Academic Information

Students who choose to complete only the BSRS degree have an opportunity to explore a wide range of healthcare employment opportunities. A bachelor's degree in Rehabilitation Science can qualify an individual for positions in community public health, community mental health, wellness programs, managed care organizations, child-care facilities, adult day-care facilities, pharmaceutical sales, medical sales, assistive living/independent living centers, specialty Alzheimer's disease care centers, fitness programs, nursing homes, and hospitals. Students should be aware that a BSRS degree alone does not meet the requirements to sit for the National Board of Certification in Occupational Therapy (NBCOT) exam to become an occupational therapist or the National Physical Therapy Exam (NPTE) to become a physical therapist.

## Program Learning Outcomes

By fulfilling all of the course requirements for the Bachelor's of Science in Rehabilitation Science, students will be able to:

1. Students will develop an understanding of health, function and disability as fundamental concepts for rehabilitation professionals
2. Students will demonstrate the ability to communicate in a professional manner
3. Students will explain the typical structure and function of the human body as a foundation for understanding clinical conditions
4. Students will understand and apply Christian perspectives as a guide to promote stewardship of the human body
5. Students will demonstrate the ability to consume scientific evidence as a foundation for rehabilitation services
6. Students will develop an awareness for cultural diversity, belonging, and accessibility for clinical populations

7. Students will explain the ethical implications of regulatory policies in rehabilitation

## BSRS Curriculum

[click here for Bridge BSRS Curriculum](#)

Code	Title	Hours
<b>Core Requirements</b>		<b>45</b>
<b>Major Requirements</b>		<b>33</b>
<b>Electives</b>		<b>42</b>
For Accelerated or Traditional pre-PT students, 24 credits must be fulfilled by the pre-requisite DPT coursework shown below. For Accelerated Pre-PT students, additional credits are taken in the DPT Graduate Traditional Program to complete the BSRS undergraduate degree. See list below.		
For Accelerated pre-OT students additional credits are taken in the MOT Graduate Face-to-FACE Program to complete the BSRS undergraduate degree. See list below.		
<b>Total Hours</b>		<b>120</b>

## Core Requirements

Code	Title	Hours
<b>Common Core Experience</b>		
REL 1000	The Bible	3
REL 1100	Christian Faith	3
CCE 1010	Christian Citizen	3
CCE 1020	Western Culture & Worldview	3
CCE 1030	Western Thought & Worldview	3
CCE 1040	Science & Humanity	3
Faith & Life		3
Any REL course above 2030		
<b>Communication &amp; Language</b>		<b>6</b>
ENG 1040	Introduction to Writing	
Communication & Language Course Choice		
<b>Human Creativity and Expression</b>		<b>3</b>
Choice of Human Creativity and Expression Course		
<b>Human Beings and Being Human</b>		<b>5</b>
HHP 1100	Stewardship of the Body	
PSY 1010	General Psychology	
<b>Natural World</b>		<b>7</b>
BIO 1801	Human Anatomy and Physiology I	
MATH 2050	Statistics I	
<b>Society and Culture</b>		<b>3</b>
COMM 4100/HIST 1600/GEOG 2200		
<b>Total Hours</b>		<b>45</b>

## Major Courses

Code	Title	Hours
BIO 1801	Human Anatomy and Physiology I (Satisfies core requirement)	
BIO 1802	Human Anatomy and Physiology II	4
PSY 2300	Life Span Development	3
RSC 1020	Foundations of Rehabilitation Science	3
RSC 1031	Clinical Conditions I	1
RSC 1032	Clinical Conditions II	1

RSC 1050	Medical Terminology for the Healthcare Professional	3
RSC 2010	Evidence Based Practice and Basic Statistics	3
RSC 3020	Advanced Anatomy	4
RSC 3510	Ethical Considerations in Rehabilitation	3
RSC 3530	Teaching and Learning in Rehabilitation	3
RSC 3540	Culture and Rehabilitation	3
RSC 3600	Clinical Observation	2
<b>Total Hours</b>		<b>33</b>

### Additional Pre-Requisites for Students Seeking a Physical Therapy Concentration

Code	Title	Hours
CHEM 1414	General Chemistry I	4
CHEM 1424	General Chemistry II	4
EXS 3442	Exercise Testing and Prescription	4
EXS 3470	Exercise Physiology	4
PHYS 1514	General Physics I	4
PHYS 1524	General Physics II	4

### Course Credits taken in the DPT Traditional Graduate Program for Accelerated Pre-PT Students to complete the BSRS Undergraduate Degree

Code	Title	Hours
PT 6510	Foundations of Clinical Research	2
PT 6600	Tissue/Biomechanics/Histology	3
PT 6610	Clinical Human Anatomy	6

### Course Credits taken in the MOT Face-to-Face Graduate Program for Accelerated Pre-OT Students to complete the BSRS Undergraduate Degree

Code	Title	Hours
OT 5550	Research in Practice I	4
OT 5520	Concepts of Occupation	3
OT 5530	Functional Anatomy	4
OT 5575	Community Clinic Foundations	5
OT 5600	Research in Practice II	3
OT 5620	Clinical Reasoning: Behavioral Health	3
OT 5560	Occupations Across the Lifespan	3
OT 5590	Functional Neuroscience and Neurorehabilitation I	4
OT 5630	Occupational Kinesiology and Orthopedic Rehabilitation I	4
OT 6620	Community Advocacy and Leadership	3
OT 6650	Community Clinic: Leading the OT Process	3
OT 6850	Clinical Reasoning: Neurorehabilitation II	3

### Bridge BSRS Curriculum

Code	Title	Hours
<b>Undergraduate Transfer Core Requirements</b>		<b>31</b>
<b>Major Requirements</b>		<b>33</b>
<b>Electives</b>		<b>56</b>

For Bridge PTA students, 16 credits must be fulfilled by the pre-requisite DPT coursework shown below. For Bridge PTA students, additional credits may be needed and taken in the DPT Graduate Bridge Program to complete the BSRS undergraduate degree.

For Bridge OTA students, additional credits may be needed and taken in the MOT Bridge Program to completed the BSRS undergraduate degree.

**Total Hours** **120**

### Transfer Core Requirements

Code	Title	Hours
<i>Faith and Life</i>		6
REL 1000	The Bible	
REL 1100	Christian Faith	
<i>Communication and Language</i>		6
ENG 1040	Introduction to Writing	
Choice of Communication and Language Course		
<i>Human Creativity and Expression</i>		3
Choice of Human Creativity and Expression Course		
<i>Human Beings and Being Human</i>		3
PSY 1010	General Psychology	
<i>Natural World</i>		7
BIO 1801	Human Anatomy and Physiology I	
Choice of Natural World Math (or Computer Science)		
<i>Society and Culture</i>		6
<b>Total Hours</b>		<b>31</b>

### Major Courses

Code	Title	Hours
BIO 1801	Human Anatomy and Physiology I (Satisfies core requirement)	
BIO 1802	Human Anatomy and Physiology II	4
PSY 2300	Life Span Development	3
RSC 1020	Foundations of Rehabilitation Science	3
RSC 1031	Clinical Conditions I	1
RSC 1032	Clinical Conditions II	1
RSC 1050	Medical Terminology for the Healthcare Professional	3
RSC 2010	Evidence Based Practice and Basic Statistics	3
RSC 3010	Advanced Anatomy for Healthcare Professionals	4
RSC 3510	Ethical Considerations in Rehabilitation	3
RSC 3530	Teaching and Learning in Rehabilitation	3
RSC 3540	Culture and Rehabilitation	3
RSC 3600	Clinical Observation	2
<b>Total Hours</b>		<b>33</b>

### Additional Pre-Requisites for Students Seeking a Physical Therapy Concentration

Code	Title	Hours
CHEM 1414	General Chemistry I	4
CHEM 1424	General Chemistry II	4
PHYS 1514	General Physics I	4
PHYS 1524	General Physics II	4

## Accelerated BSRS

The BSRS Program offers a focused education to meet the prerequisites for entering our Master of Occupational Therapy (MOT), Occupational Therapy Doctorate (OTD), or Doctor of Physical Therapy (DPT) Program. You will obtain the skills and knowledge to prepare you for a successful transition from undergraduate to graduate studies at CUW. Students may consider between the accelerated and traditional options.

### Occupational Therapy Concentration

The Direct Admit track is intended for CUW college freshmen who declare occupational therapy (OT) as their intended graduate degree. Students will take courses to meet the BSRS major and liberal arts core during the first 2.5 years. Students apply to the OT Program during their sophomore year and begin the OT Program during the spring of their junior year. This option allows students to complete the BSRS and MOT degree in 4.5 years. Students may apply to pursue the Doctor of Occupational Therapy (OTD) degree, which will require one additional semester.

- High School overall GPA of 3.0 required for guaranteed list
- Interview with the MOT program during the Spring of your high school senior year.
- Major in Bachelor of Science in Rehabilitation Science (BSRS)/MOT track
- Minimum undergraduate GPA of 3.0
- Earn a grade of B or higher in 8 credits of Anatomy & Physiology (BIO 1801, BIO 1802, and/or RSC 3020) taken at CUW, and earn a grade of B or higher in 3 credits of Statistics or Evidence-Based Practice and Basic Statistics (RSC 2010).

### Physical Therapy Concentration

The accelerated track is intended for CUW college freshmen who declare physical therapy (PT) as their intended graduate degree. Students will take courses to meet the BSRS major, liberal arts core, and specific science prerequisites during the first three years. Students apply to the PT Program during the summer between sophomore and junior year and begin the graduate PT Program in their senior year. This option allows students to complete the BSRS and DPT degree in under 6 years rather than 7 years.

- High school overall GPA of 3.0
- Successful completion of Chemistry and Physics placement testing
- Major in Bachelor of Science in Rehabilitation Science (BSRS)/DPT track.
- Minimum undergraduate GPA of 3.0
- Overall science prerequisite course GPA of 3.30 with no individual science prerequisite course grade less than a C. This includes Anatomy & Physiology I & II, Physics I & II, and Chemistry I & II.
  - Demonstrate proficiency in science courses by retaking no more than one prerequisite science course. In addition, students who withdraw from a course late in the semester are not eligible for accelerated admission.
- Complete one semester of Statistics, Psychology, and Behavioral/Social Science classes

## Bridge BSRS

### For Physical Therapist Assistants (PTA) and Occupational Therapy Assistants (OTA)

The Bridge BSRS Program is intended for individuals who hold either a Certified Occupational Therapy Assistant (COTA) license or a Physical Therapy Assistant (PTA) license. All program courses are offered in a fully online format and can be completed in three semesters with the program

timeline beginning in the summer and ending in the spring. Concordia's small class sizes allow for a deeper student/faculty connection and personalization. The program curriculum allows students to earn credits toward the BSRS major. Students may need additional courses to satisfy the CUW liberal arts core or BSRS major if not taken during OTA or PTA school; these courses can be taken elsewhere and transferred to CUW.

Students will apply to the MOT program during the BSRS program. The BSRS and MOT degree can be completed in 3 years, or 3.5 years for the BSRS and OTD. Additional time may be required.

Students will apply to the DPT program during the BSRS program. The BSRS and DPT can be completed in 3.75 years if foundational science courses are completed during the initial year of the BSRS program. Additional time may be required.

### Entrance Requirements for the BSRS Bridge Program

- Licensed COTA/PTA currently working 80 hours per month
- Cumulative GPA of 3.0 or better in PTA or COTA Program
- Letter of recommendation from a current employer
- Current resume
- Written essay
- 4 credits of Anatomy & Physiology I with lab with a C or better

### Entrance Requirements into the MOT/OTD Program

- Cumulative GPA of 3.0 or better from your BSRS program
- 8-semester credits of Human Anatomy & Physiology (Anatomy & Physiology I, Anatomy & Physiology II and Advanced Anatomy) with a lab component, completed with a grade of B or better in each course
- A grade of B or better is preferred in Evidence-Based Practice & Basic Statistics (RSC 2010) at CUW
- Written essay
- Interview with the OT department

### Entrance Requirements into the DPT Program

- 24 credits of science courses with face-to-face labs with a C or better in each course and a cumulative GPA of 3.0 across them:
  - Anatomy and Physiology I & II (4 credits each)
  - Chemistry I & II (4 credits each)
  - Physics I & II (4 credits each)
- Cumulative GPA of 3.0 or better from your BSRS program
- Written essay
- Interview with the PT department
- All science courses must be completed no greater than 10 years from matriculation into the DPT program. Retakes may be required to refresh courses.

[click here for the BSRS Pre-PT Plan \(p. 4\)](#)

[click here for the BSRS Pre-OT Plan \(p. 5\)](#)

[click here for the BSRS Bridge PTA & OTA Plan \(p. 5\)](#)

## Plan - BSRS

Course	Title	Hours
<b>Semester 1</b>		
BIO 1801	Human Anatomy and Physiology I	4
CCE 1040	Science & Humanity	3
REL 1100	Christian Faith	3
RSC 1020	Foundations of Rehabilitation Science	3

4 Rehabilitation Science (M)

PSY 1010	General Psychology	3
<b>Hours</b>		<b>16</b>
<b>Semester 2</b>		
BIO 1802	Human Anatomy and Physiology II	4
REL 1000	The Bible	3
ENG 1040	Introduction to Writing	3
CCE 1010	Christian Citizen	3
RSC 1050	Medical Terminology for the Healthcare Professional	3
<b>Hours</b>		<b>16</b>
<b>Semester 3</b>		
CHEM 1414	General Chemistry I (PT Only)	4
COMM 2100	Interpersonal Communication	3
RSC 3510	Ethical Considerations in Rehabilitation	3
HUMAN CREATIVITY/EXPRESSION COURSE		3
<b>Hours</b>		<b>13</b>
<b>Semester 4</b>		
CHEM 1424	General Chemistry II (PT Only)	4
RSC 3530	Teaching and Learning in Rehabilitation	3
HHP ACTIVITY COURSE		1
ELECTIVE/MINOR/GRAD SCHOOL PREREQ		3
ELECTIVE/MINOR/GRAD SCHOOL PREREQ		3
<b>Hours</b>		<b>14</b>
<b>Semester 5</b>		
PHYS 1514	General Physics I (PT Only)	4
FAITH & LIFE COURSE		3
CCE 1020	Western Culture & Worldview	3
RSC 3540	Culture and Rehabilitation	3
MATH 2050	Statistics I	3
<b>Hours</b>		<b>16</b>
<b>Semester 6</b>		
PHYS 1524	General Physics II (PT Only)	4
RSC 2010	Evidence Based Practice and Basic Statistics	3
PSY 2300	Life Span Development	3
RSC 1031	Clinical Conditions I	1
ELECTIVE/MINOR/GRAD SCHOOL PREREQ		3
<b>Hours</b>		<b>14</b>
<b>Semester 7</b>		
RSC 3020	Advanced Anatomy	4
RSC 1032	Clinical Conditions II	1
EXS 3470	Exercise Physiology (PT Only)	4
EXS 3442	Exercise Testing and Prescription (PT Only)	4
EXS 4480	Strength and Conditioning Program Design (PT Only - recommended elective)	3
<b>Hours</b>		<b>16</b>
<b>Semester 8</b>		
CCE 1030	Western Thought & Worldview	3
COMM 4100	Cross-Cultural Communication	3
EXS 3471	Advanced Exercise Physiology (PT Only - recommended elective)	4
RSC 3600	Clinical Observation	2
ELECTIVE/MINOR/GRAD SCHOOL PREREQ		3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

Course options and schedules are subject to change.

### Plan - BSRS Pre-PT

Course	Title	Hours
<b>Semester 1</b>		
BIO 1801	Human Anatomy and Physiology I	4
PHYS 1514	General Physics I	4
CCE 1010	Christian Citizen	3

PSY 1010	General Psychology	3
RSC 1020	Foundations of Rehabilitation Science	3
<b>Hours</b>		<b>17</b>
<b>Semester 2</b>		
BIO 1802	Human Anatomy and Physiology II	4
PHYS 1524	General Physics II	4
ENG 1040	Introduction to Writing	3
RSC 1050	Medical Terminology for the Healthcare Professional	3
RSC 3530	Teaching and Learning in Rehabilitation	3
HHP ACTIVITY COURSE		1
<b>Hours</b>		<b>18</b>
<b>Semester 3</b>		
RSC 3510	Ethical Considerations in Rehabilitation	3
<b>Hours</b>		<b>3</b>
<b>Semester 4</b>		
CHEM 1414	General Chemistry I	4
EXS 3470	Exercise Physiology	4
CCE 1020	Western Culture & Worldview	3
COMMUNICATION & LANGUAGE		3
MATH 2050	Statistics I	3
<b>Hours</b>		<b>17</b>
<b>Semester 5</b>		
CHEM 1424	General Chemistry II	4
EXS 3471	Advanced Exercise Physiology	4
PSY 2300	Life Span Development	3
REL 1000	The Bible	3
RSC 2010	Evidence Based Practice and Basic Statistics	3
RSC 1031	Clinical Conditions I	1
<b>Hours</b>		<b>18</b>
<b>Semester 6</b>		
CORE OR RELIGION		0
<b>Hours</b>		<b>0</b>
<b>Semester 7</b>		
EXS 3442	Exercise Testing and Prescription	4
EXS 4480	Strength and Conditioning Program Design	3
RSC 3540	Culture and Rehabilitation	3
RSC 1032	Clinical Conditions II	1
CCE 1040	Science & Humanity	3
HHP 1100	Stewardship of the Body	1
REL 1100	Christian Faith	3
<b>Hours</b>		<b>18</b>
<b>Semester 8</b>		
CCE 1030	Western Thought & Worldview	3
RSC 3020	Advanced Anatomy	4
FAITH & LIFE		3
COMM 4100	Cross-Cultural Communication	3
CREATIVE EXPRESSION		3
RSC 3600	Clinical Observation	2
<b>Hours</b>		<b>18</b>
<b>Semester 9</b>		
PT 6500	Introduction to Professional Practice	1
PT 6510	Foundations of Clinical Research	2
<b>Hours</b>		<b>3</b>
<b>Semester 10</b>		
PT 6600	Tissue/Biomechanics/Histology	3
PT 6610	Clinical Human Anatomy	6
PT 6620	Clinical Neuroscience I	3
PT 6630	Pathophysiology/Pharmacology I	4
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>128</b>

Course options and schedule are subject to change.

### Plan - BSRS Pre-OT

Course	Title	Hours
<b>Semester 1</b>		
BIO 1801	Human Anatomy and Physiology I	4
ENG 1040	Introduction to Writing	3
RSC 1020	Foundations of Rehabilitation Science	3
CCE 1010	Christian Citizen	3
HHP 1100	Stewardship of the Body	1
<b>Hours</b>		<b>14</b>
<b>Semester 2</b>		
BIO 1802	Human Anatomy and Physiology II	4
REL 1100	Christian Faith	3
RSC 3530	Teaching and Learning in Rehabilitation	3
RSC 1050	Medical Terminology for the Healthcare Professional	3
PSY 1010	General Psychology	3
<b>Hours</b>		<b>16</b>
<b>Semester 3</b>		
RSC 3020	Advanced Anatomy	4
MATH 2050	Statistics I	3
COMMUNICATION & LANGUAGE		3
RSC 3540	Culture and Rehabilitation	3
CCE 1020	Western Culture & Worldview	3
<b>Hours</b>		<b>16</b>
<b>Semester 4</b>		
RSC 2010	Evidence Based Practice and Basic Statistics	3
REL 1000	The Bible	3
PSY 2300	Life Span Development	3
CCE 1040	Science & Humanity	3
HHP ACTIVITY COURSE		1
RSC 1031	Clinical Conditions I	1
HUMAN CREATIVITY & EXPRESSION		3
<b>Hours</b>		<b>17</b>
<b>Semester 5</b>		
RSC 1032	Clinical Conditions II	1
RSC 3510	Ethical Considerations in Rehabilitation	3
CCE 1030	Western Thought & Worldview	3
FAITH & LIFE		3
COMM 4100	Cross-Cultural Communication	3
RSC 3600	Clinical Observation	2
<b>Hours</b>		<b>15</b>
<b>Semester 6</b>		
OT 5550	Research in Practice I	4
OT 5520	Concepts of Occupation	3
OT 5530	Functional Anatomy	4
OT 5575	Community Clinic Foundations	5
<b>Hours</b>		<b>16</b>
<b>Semester 7</b>		
OT 5600	Research in Practice II	3
OT 5620	Clinical Reasoning: Behavioral Health	3
OT 5560	Occupations Across the Lifespan	3
OT 5590	Functional Neuroscience and Neurorehabilitation I	4
OT 6550	Level 1 Fieldwork Experience	1
<b>Hours</b>		<b>14</b>
<b>Semester 8</b>		
OT 5630	Occupational Kinesiology and Orthopedic Rehabilitation I	4
OT 6650	Community Clinic: Leading the OT Process	3
OT 6620	Community Advocacy and Leadership	3

<b>OT 6850</b>	<b>Clinical Reasoning: Neurorehabilitation II (8-week Session II)</b>	<b>3</b>
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>121</b>

Course options and schedule are subject to change.

### Plan - BSRS Bridge PTA & OTA

Course	Title	Hours
<b>Semester 1</b>		
RSC 2010	Evidence Based Practice and Basic Statistics	3
RSC 3540	Culture and Rehabilitation	3
RSC 3510	Ethical Considerations in Rehabilitation	3
REL 1000	The Bible	3
<b>Hours</b>		<b>12</b>
<b>Semester 2</b>		
RSC 3010	Advanced Anatomy for Healthcare Professionals	4
RSC 3530	Teaching and Learning in Rehabilitation	3
REL 1100	Christian Faith	3
<b>Hours</b>		<b>10</b>
<b>Semester 3</b>		
BIO 1801	Human Anatomy and Physiology I	4
BIO 1802	Human Anatomy and Physiology II	4
PSY 2300	Life Span Development	3
RSC 1050	Medical Terminology for the Healthcare Professional	3
RSC 1020	Foundations of Rehabilitation Science	3
RSC 1031	Clinical Conditions I	1
RSC 1032	Clinical Conditions II	1
RSC 3600	Clinical Observation	2
MATH 1250	Contemporary Math	3
PSY 1010	General Psychology	3
ENG 1040	Introduction to Writing	3
SOCIETY & CULTURE		3
SOCIETY & CULTURE		3
HUMAN CREATIVITY & EXPRESSION		3
COMMUNICATION & LANGUAGE		3
ELECTIVES		56
<b>Hours</b>		<b>98</b>
<b>Total Hours</b>		<b>120</b>

Course options and schedule are subject to change.