

BHS in Health Science with Emphasis in Rehabilitation Sciences

Degree Program Description

The rehabilitation science emphasis prepares students for application to graduate programs in fields such as physical therapy, chiropractic, orthotics/prosthetics and similar degrees. The rehabilitation science emphasis may also prepare students who have appropriate work experience as an undergraduate to work as coaches for alternative community training organizations.

The rehabilitation science emphasis area includes 20 hours of core required courses, professional emphasis requirements and required electives that complement the student's pathway. In addition, the health science program requires an internship that is appropriate for a student's career goals. Examples of internships for the rehabilitation science emphasis include Therapeutic Equine Center, MU Adaptive Gymnastics, MU Thompson Center for Autism and Neurodevelopmental Disorders, Mizzou Therapy Services, Wonderland Camp.

Major Program Requirements

In addition to University of Missouri requirements (<https://catalog.missouri.edu/academicdegreerequirements/universityrequirements/>), including University general education (<https://catalog.missouri.edu/academicdegreerequirements/generaleducationrequirements/>), and BHS in Health Science Core (<https://catalog.missouri.edu/collegeofhealthsciences/healthscience/bhs-health-science/>) requirements, students pursuing the Rehabilitation Sciences emphasis must complete the following requirements, each of which requires a grade of C- or higher.

Emphasis Requirements

ENGLISH 1000	Writing and Rhetoric	3
MATH 1100	College Algebra	3-5
or MATH 1160	Precalculus Mathematics	
BIO_SC 1010 & BIO_SC 1020	General Principles and Concepts of Biology and General Biology Laboratory	5
or BIO_SC 1500	Introduction to Biological Systems with Laboratory	
or BIO_SC 1030	General Principles and Concepts of Biology with Laboratory	
CDS 2190	Medical Terminology	3
CHEM 1400 & CHEM 1401	College Chemistry I and College Chemistry I Laboratory	4
COMMUN 1200	Public Speaking	3
H_D_FS 2400	Principles of Human Development	3-4
or H_D_FS 2400W	Principles of Human Development - Writing Intensive	
MPP 3202	Elements of Physiology	5
or BIO_SC 3700	Human Physiology	
PHYSICS 1210	College Physics I	4
PSYCH 1000	General Psychology	3
PSYCH 2510	Survey of Psychopathology	3
PTH_AS 2201 & PTH_AS 2203	Human Anatomy Lecture and Human Anatomy Laboratory	5

STAT 1200	Introductory Statistical Reasoning	3
or STAT 1300	Elementary Statistics	
or STAT 2500	Introduction to Probability and Statistics I	
or ESC_PS 4170	Introduction to Applied Statistics	
Approved Person-Centered Care Course (choose one) *This requirement may double-dip with Health Science Electives requirement.		3
HLTH_SCI 2310	Perspectives on Disability	3
HLTH_SCI 2850	Inclusion and Equity in Health Care	3
HLTH_SCI 2900	Health Care In Missouri	3
HLTH_SCI 4400	Culture and Health Literacy for the Health Professions	3
HLTH_SCI 4410	Humanism and Health Literacy	3
P_HLTH 2050	Gender and Public Health	3
P_HLTH 4610	Race, Ethnicity, and Health: An Intersectional Examination of Health Inequalities	3
SOC_WK 4390	Helping Strategies With Children and Adolescents	3
SOC_WK 4395	Death, Grief and Loss	3
SOC_WK 4480	Direct Practice with Older Adults	3
Health Science Electives *		18

Students must complete 18 hours of approved elective coursework. At least 9 credit hours must be taken as 3000/4000 level courses. Transfer courses taken at the freshman-sophomore level and accepted as equivalent to a 3000/4000 level course at the University may not count towards the 9 hour upper-level Health Science Elective requirement for the Health Science degree.

* See Health Science Electives (<https://catalog.missouri.edu/electives/health-science/>) for a course list of electives that count towards this requirement.

Semester Plan

Below is a sample plan of study, semester by semester, for the Rehabilitation Sciences emphasis. A student's actual plan may vary based on course offerings, course choices where options are available, and a student's academic/career goals.

First Year			
Fall	CR	Spring	CR
MATH 1100		3 BIO_SC 1010	3
PSYCH 1000		3 BIO_SC 1020	2
Humanities course		3 ENGLISH 1000	3
HIST 1100, 1200, or POL_SC 1100		3 HLTH_SCI 1000	3
Elective		3 PSYCH 2510	3
		Elective	1
			15
Second Year			
Fall	CR	Spring	CR
COMMUN 1200		3 CDS 2190	3
CHEM 1400 & CHEM 1401		4 HLTH_SCI 3700	3
HLTH_SCI 2400		3 H_D_FS 2400	3
STAT 1200		3 2000+ level Humanities course	3
Elective		2 Writing Intensive course	3
			15
			15

Third Year			
Fall	CR	Spring	CR
HLTH_SCI 3000		1 MPP 3202	5
HLTH_SCI 4480		3 HLTH_SCI 4200W	3
PTH_AS 2201		3 2000+ level Approved Health Science Elective	3
PTH_AS 2203		2 3000+ level Approved Health Science Elective	3
Person-Centered Care course Elective		3 Elective	1
		3	
	15		15

Fourth Year			
Fall	CR	Spring	CR
HLTH_SCI 4975		1 HLTH_SCI 4985	3
PHYSCS 1210		4 2000+ level Approved Health Science Elective	3
3000+ level Approved Health Science Elective		3 3000+ level Approved Health Science Elective	3
Elective		3 Elective	3
Elective		3 Elective	3
Elective		1	
	15		15

Total Credits: 120