

PHYSICAL THERAPY (B.SC.) (REHABILITATION SCIENCE) (90 CREDITS)

Offered by: Phys and Occ Therapy (Faculty of Medicine and Health Sciences)

Degree: BSCRS

Program credit weight: 90

Program Description

The B.Sc.(Rehabilitation Science); Major in Physical Therapy emphasizes basic health sciences foundation specific to the practice of Physical Therapy. The program focuses on clinical reasoning, diagnostics, evidence-based practice, community rehabilitation, teamwork and professionalism as essential components for the development of a humanistic, ethical, knowledgeable, competent critical thinking and problem-solving physical therapist.

Degree Requirements — B.Sc.

This program is offered as part of a Bachelor of Science (B.Sc.) degree.

To graduate, students must satisfy both their program requirements and their degree requirements.

- The program requirements (i.e., the specific courses that make up this program) are listed under the Course Tab (above).
- The degree requirements—including the mandatory Foundation program, appropriate degree structure, and any additional components—are outlined on the Degree Requirements page.

Students are responsible for ensuring that this program fits within the overall structure of their degree and that all degree requirements are met. Consult the Degree Planning Guide on the SOUSA website for additional guidance.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Required Courses (81 credits)

Expand allContract all

Course	Title	Credits
ANAT 315	Clinical Human Musculoskeletal Anatomy.	3
ANAT 316	Clinical Human Visceral Anatomy .	3
ANAT 321	Circuitry of the Human Brain.	3
ANAT 323	Clinical Neuroanatomy.	3
IPEA 500	Roles in Interprofessional Teams.	0
IPEA 501	Communication in Interprofessional Teams.	0
PHGY 209	Mammalian Physiology 1.	3
PHGY 210	Mammalian Physiology 2.	3

PHTH 245	Introduction to Professional Practice 1.	3
PHTH 440	Clinical Exercise Physiology.	3
PHTH 450	Introduction to PT Clinical Practice.	3
PHTH 460	Introduction to Functional Movement.	3
PHTH 482	Introduction to Health, Fitness and Lifestyle.	3
PHTH 550	Physical Therapy Orthopedic Management.	7
PHTH 551	Physical Therapy Neurological Rehabilitation.	4
PHTH 554	PT Cardiorespiratory Rehabilitation.	2
PHTH 560	Integrated Orthopedic Management.	6
PHTH 561	Integrated Neurological Rehabilitation.	5
PHTH 564	Integrated Cardiorespiratory Rehabilitation.	3
POTH 204	Introduction to Statistics for OT/PT.	3
POTH 225	Introduction to Biomechanics in Rehabilitation Sciences.	3
POTH 250	Introduction to Professional Practice 2.	3
POTH 305	Statistics for Experimental Design OT/PT	3
POTH 401	Research Methods.	3
POTH 434	Musculoskeletal Biomechanics.	3
POTH 455	Neurophysiology.	3
POTH 563	Foundations of Professional Practice.	3

¹ Students may choose ANAT 321 Circuitry of the Human Brain. or ANAT 323 Clinical Neuroanatomy. but not both.

Complementary Courses (6-9 credits)

These courses are to be completed prior to entering third year (U3). The complementary credits are chosen from the following subject areas:

- Psychology
- Management (in the area of personnel and private practice management)
- Academic Writing
- Sociology/Anthropology courses
- French or English second language course if not proficient in French or English (maximum of 6 credits)
- Students may take PHTH 301 Sports Medicine Practicum. (3 credits) as a U2 complementary course.

Elective Course (0-3 credits)

- Maximum of one 3-credit elective (personal interest) course.