

KINESIOLOGY SCIENCES (PH.D.) (18 CREDITS)

Offered by: Kinesiology and Physical Ed (Faculty of Education)

Degree: Doctor of Philosophy

Program credit weight: 18

Program Description

The Ph.D. in Kinesiology Sciences focuses on in-depth research experience in (an) area(s) of kinesiology research. The program includes graduate research training in kinesiology-related areas such as exercise physiology, biomechanics, motor control, physical and health education pedagogy, and sport, exercise and health psychology.

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.

Thesis

A thesis for the doctoral degree must constitute original scholarship and must be a distinct contribution to knowledge. It must show familiarity with previous work in the field and must demonstrate ability to plan and carry out research, organize results, and defend the approach and conclusions in a scholarly manner. The research presented must meet current standards of the discipline; as well, the thesis must clearly demonstrate how the research advances knowledge in the field. Finally, the thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain.

Required Courses (12 credits)

Expand allContract all

Course	Title	Credits
EDKP 621	Seminar in Kinesiology and Physical Education 1A .	1.5
EDKP 622	Seminar in Kinesiology and Physical Education 2A .	1.5
EDKP 623	Seminar in Kinesiology and Physical Education 3A .	1.5
EDKP 624	Seminar in Kinesiology and Physical Education 4A.	1.5
EDKP 661D1	Current Topics in Kinesiology Research.	1.5
EDKP 661D2	Current Topics in Kinesiology Research.	1.5
EDKP 701	Ph.D. Comprehensive Examination.	0

Complementary Courses (6 credits)

A minimum of 6 credits from the following; other courses, at the 500-level or higher, on these topics from the Faculty of Education or other Faculties may be selected subject to approval of the program adviser.

Expand allContract all

Course	Title	Credits
EDKP 603D1	Individual Reading Course 1.	3
EDKP 603D2	Individual Reading Course 1.	3
EDKP 605	Research Methods 1.	3
EDKP 616	Individual Reading Course 2.	3
EDKP 652	Advanced Cardiopulmonary Exercise Physiology.	3
EDKP 654	Sport Psychology.	3
EDKP 662	Musculoskeletal Responses to Exercise.	3
EDKP 664	Motor Learning and Behaviour.	3
EDKP 671	Experimental Problems.	3
EDKP 672	Advanced Experimental Problems.	6
EDPE 676	Intermediate Statistics.	3