

# EDUCATIONAL PSYCHOLOGY (PH.D.): LEARNING SCIENCES

**Offered by:** Educational & Counselling Psych (Faculty of Education)

**Degree:** Doctor of Philosophy

## Program Description

The Ph.D. in Educational Psychology; Learning Sciences focuses on theory and research on understanding and improving learning and teaching in formal and informal educational settings including K-12 and post-secondary institutions, the workplace, professional practice, and virtual learning communities. Practical training in research design, advanced data analytic techniques, and professional development through coursework and dissertation supervision.

**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 (15 credits)

Expand allContract all

Course	Title	Credits
EDPE 704	Professional Development Seminar 1.	3
EDPE 705	Professional Development Seminar 2.	3
EDPE 706	Professional Development Seminar 3.	3
EDPE 707	Professional Development Seminar 4.	3
EDPE 708	Comprehensive Examination.	0
EDPH 689	Teaching and Learning in Higher Education.	3

## Complementary Courses (6 credits)

3 credits from the following:

Expand allContract all

Course	Title	Credits
EDPE 636	Motivation and Instruction.	3
EDPE 663	Learning Environments.	3

EDPE 664	Critical Thinking	3
EDPE 668	Advanced Seminar in Learning Sciences.	3

or other 600-, 700-level courses offered by the Department and with the approval of the supervisor and the Program Director.

3 credits from the following:

Expand allContract all

Course	Title	Credits
EDPE 684	Applied Multivariate Statistics.	3
EDPE 687	Qualitative Methods in Educational Psychology.	3