

CHEMISTRY (PH.D.)

Offered by: Chemistry (Faculty of Science)

Degree: Doctor of Philosophy

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

Expand allContract all

Course	Title	Credits
CHEM 650	Seminars in Chemistry 1.	1
CHEM 651	Seminars in Chemistry 2.	1
CHEM 688	Progress Assessment 1.	3
CHEM 701	Comprehensive Examination.	0
CHEM 702	Progress Assessment 2 .	0

Complementary Courses

Students entering the program with an M.Sc. degree will normally take three (3) graduate-level courses. Students entering without an M.Sc. degree will normally take five (5) graduate-level courses.

Students may be required to take advanced undergraduate courses if background deficient.