

ORAL HEALTH SCIENCES (PH.D.)

Offered by: Dental Med & Oral Health Sci (Faculty of Dental Medicine and Oral Health Sciences)

Degree: Doctor of Philosophy

Program Description

The Ph.D. in Oral Health Sciences provides training for health science researchers in advanced research in oral health problems. It will build upon an approach to scholarly knowledge that embraces discipline specific training in tandem with an understanding on one's position in research and possibilities for collaboration.

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 (9 Credits)

Expand allContract all

Course	Title	Credits
DENT 663	Principles of Health Research.	1
DENT 664	Health Research Communications.	1
DENT 665	Leadership and Management Skills in Research.	1
DENT 671D1	Advanced Research Seminar.	1
DENT 671D2	Advanced Research Seminar.	1
DENT 700	Comprehensive Exam Skills.	1
DENT 701	PhD Comprehensive Examination.	0
DENT 786	Foundations in Oral Health Science.	3

Complementary Courses (6-12 credits)

6-12 credits from the following:¹

Expand allContract all

Course	Title	Credits
DENT 504	Biomaterials and Bioperformance.	3
DENT 610	Introduction to Craniofacial Research.	3
DENT 654	Mechanisms and Management of Pain.	3
DENT 669	Extracellular Matrix Biology.	3

DENT 681	Readings in Dentistry and Health Research 1.	1
DENT 682	Readings in Dentistry and Health Research 2.	2
DENT 683	Readings in Dentistry and Health Research 3.	3
DENT 685	Theory of Dental Public Health.	3
DENT 688	Bone Mechanobiology .	3
DENT 706	Advanced Seminar in Qualitative Health Research.	3

¹ The number of Complementary credits each student must take is determined with their supervisor, depending on the student's background.

Note: Courses at the 500 level or higher in other departments can be chosen in consultation with their supervisors and the program director.