

DENTAL SCIENCES (NON-THESIS) (M.SC.) (45 CREDITS)

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

Degree: Master of Science

Program credit weight: 45

Program Description

The Master of Science (M.Sc.) Dental Sciences; Non-Thesis program focuses on theoretical and methodological foundations spanning multiple approaches to health research.

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 (24 credits)

Expand allContract all

Course	Title	Credits
DENT 601	Quantitative Data Analysis for Oral Health Research.	3
DENT 625	Applied Qualitative Health Research.	3
DENT 663	Principles of Health Research.	1
DENT 668	Practicum Readings in Dentistry and Health Research.	3
DENT 670	Dentistry Community Health Practicum.	6
DENT 671D1	Advanced Research Seminar.	1
DENT 671D2	Advanced Research Seminar.	1
DENT 685	Theory of Dental Public Health.	3
DENT 690	Literature Reviews.	3

Complementary Courses (21 credits)

21 credits from the following:

Expand allContract all

Course	Title	Credits
ANAT 690D1	Cell and Developmental Biology.	3
ANAT 690D2	Cell and Developmental Biology.	3
BMDE 505	Cell and Tissue Engineering.	3
DENT 504	Biomaterials and Bioperformance.	3
DENT 505	Epidemiology and Data Analysis in Primary Care 1.	3
DENT 509	Epidemiology and Data Analysis in Primary Care 2.	3
DENT 625	Applied Qualitative Health Research.	3
DENT 654	Mechanisms and Management of Pain.	3
DENT 664	Health Research Communications.	1

DENT 665	Leadership and Management Skills in Research.	1
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 686	Illness Experience and Social Determinants of Health.	2
DENT 688	Bone Mechanobiology .	3
EDEM 692	Qualitative Research Methods.	3
EPIB 635	Clinical Trials.	3
EPIB 641	Substantive Epidemiology 1.	1
EPIB 669	Special Topics 2.	2
EPIB 671	Cancer Epidemiology and Prevention.	3
EPIB 677	Special Topics 8.	3
EPIB 679	Special Topics 10.	3
EXMD 609	Cellular Methods in Medical Research.	3
EXMD 610	Molecular Methods in Medical Research.	3
PHGY 518	Artificial Cells.	3
PHGY 550	Molecular Physiology of Bone.	3

Other complementary 500- or 600-level courses at the University may be taken with the approval of the director of the program and GPS.