

DENTAL MEDICINE, D.M.D.

DOCTOR OF DENTAL MEDICINE (DMD) DEGREE

The Dr. Gerald Niznick College of Dentistry is dedicated to educating dental, dental hygiene and graduate students in a progressive learning environment, conducting research in oral health, and serving the community and the oral health professions as a source of knowledge and expertise. The faculty serves as a bridge between the fundamental scientific foundation of the profession and its translation into health care for the public. Dentists enhance and promote the total health of patients through oral health management. Dentists are concerned with promoting oral health and preventing and alleviating the effects of oral diseases and conditions in order to contribute to the well-being of their patients.

The 4 year DMD curriculum is designed to ensure that students graduate as competent dentists prepared to meet the oral health care needs of their patients. It provides the knowledge of basic biomedical, behavioural and clinical sciences and biomaterials, the cognitive and behavioural skills, and the professional and ethical values necessary for practice as a dental professional.

Information on admission to this program is available from the Dean's Office and through the Dr. Gerald Niznick College of Dentistry website (<https://umanitoba.ca/healthsciences/dentistry/>)

Course	Title	Hours
Year 1		
DDSS 1100	Periodontology 1	1
DDSS 1110	Radiology 1	1
DENT 1202	Early Clinical Experience	3
DENT 1210	Dental Practice Management 1	1
ORLB 1302	Cell and Tissue Biology	4
ORLB 1310	Head, Neck and Nervous System, Part 1	4
ORLB 1320	Head, Neck and Nervous System, Part 2	3
ORLB 1330	Human Growth and Development	3
ORLB 1340	Oral Tissues, Structure and Function	3
RSTD 1500	Dental Materials 1	2
RSTD 1512	Operative Dentistry 1	6
RSTD 1520	Dental Anatomy	3
RSTD 1530	Occlusion	2
RSTD 1550	Introduction to Dentistry	2
Hours		38
Year 2		
DDSS 2100	Periodontology2	2
DDSS 2110	Radiology 2	1
DDSS 2122	Oral Pathology	5
DDSS 2130	Pain and Anxiety Control 1	1
DENT 2202	Introduction to Comprehensive Care	4
ORLB 2300	Pathology and Microbiology 1	1
ORLB 2312	Structure and Function of Major Organ Systems	4
ORLB 2320	Cariology and Plaque Associated Diseases	3
ORLB 2330	Nutrition in Dentistry	2
PDSO 2410	Pediatric Dentistry- 1	3
PDSO 2420	Dental Public Health	1

PDSO 2430	Introduction to Orthodontics	1
RSTD 2502	Dental Materials-2	2
RSTD 2510	Operative Dentistry-2	3
RSTD 2520	Endodontology-1	2
RSTD 2532	Fixed Prosthodontics 1	6
RSTD 2540	Removable Partial Denture Prosthodontics	3
RSTD 2552	Complete Denture Prosthodontics	4
Hours		48

Year 3		
DDSS 3102	Periodontology 3	3
DDSS 3112	Oral Diagnosis and Radiology 1	2
DDSS 3120	Pain and Anxiety Control 2	1
DDSS 3132	ORAL AND MAXILL SURGERY 1	2
DDSS 3142	Medicine	2
DDSS 3152	Temporomandibular Disorders and Orofacial Pain	2
DDSS 3162	Pharmacology and Therapeutics	3
DENT 3210	Dental Practice Management 3	1
ORLB 3300	Pathology and Microbiology 2	1
PDSO 3402	Orthodontics 3	2
PDSO 3404	Dental Public Health 2	3
PDSO 3412	Pediatric Dentistry 2	3
RSTD 3512	Operative Dentistry 3	5
RSTD 3522	Endodontology 2	3
RSTD 3532	Fixed Prosthodontics 2	5
RSTD 3542	Complete and Removable Partial Denture Prosthodontics	3
Hours		41

Year 4		
DDSS 4122	Oral & Maxillofacial Surgery 2	1
DDSS 4150	Hospital Dentistry	1
DENT 4202	Interdisciplinary Patient Centred Care Case Studies	2
DENT 4210	Dental Practice Management 4	2
DENT 4222	General Practice Dentistry	10
DENT 4232	General Practice Seminars	2
DENT 4240	Dental Jurisprudence	1
PDSO 4402	Orthodontics 4	2
PDSO 4412	Pediatric Dentistry 3	2
PDSO 4422	Community Dentistry Externship	4
Hours		27

Total Hours 154