

# ENDODONTICS

The graduate endodontics program is a continuous 24-month master's degree (Master of Science in Dentistry) and certificate program commencing the beginning of July each year. It has two full-time faculty (one full-time director) and 5 part-time clinical faculty members. The program is concerned with developing competent, skilled clinicians with teaching and research abilities.

To achieve these objectives, the program provides an extensive background in both scientific and clinical knowledge. The curriculum is designed to fulfill the requirements of the American Board of Endodontics and promote Diplomates.

The program prepares specialists in the fields of diagnosis, all phases of treatment, and prevention of pulpal and periapical dental disease. It provides training in research design and methodology as it relates to pulpal, dentinal, periodontal, and related clinical areas, preparing the resident for teaching responsibilities in undergraduate, postgraduate, and graduate levels.

A top of the line surgical microscope is required by the program for teaching a variety of microscopic surgery techniques.

The curriculum includes bone grafting, guided tissue regeneration, and IV sedation.

The presentation of multiple table clinics is required.

## Admission

Information about admission to the Endodontic program can be found on the School of Dental Medicine website.

<https://case.edu/dental/departments-programs/endodontics/endodontic-residency-program> (<https://case.edu/dental/departments-programs/endodontics/endodontic-residency-program/>)

First Year	Units	
	Fall	Spring
Anatomy of the Head and Neck (DENT 513)	0 - 3	
Multidisciplinary Seminar (DENT 698)	0 - .5	
Epidemiology and Biostatistics (DENT 510)	0 - 3	
Behavioral Considerations in Oral Health Care (DENT 518)	0 - 1	
Management of Medical Emergencies (DENT 555)	0 - 1	
Advanced Oral Pathology (DENT 512)	0 - 3	
Endodontology (DNDO 529)	3	
Endodontic Literature Review (DNDO 539)	3	
Clinical Endodontic Specialty (DNDO 551)	3	
Biological Aspects of the Stomatological System (DENT 501)		0 - 2
Correlative Medical Science (DENT 502)		0 - 2
Multidisciplinary Seminar (DENT 698)		0 - .5
Microbiology, Immunology, and Immune Systems (DENT 516)		0 - 3
Clinical Pharmacology (DENT 550)		0 - 1
Research Methods: Preparation (DENT 514)		0 - 1
Endodontology (DNDO 529)		3
Endodontic Literature Review (DNDO 539)		3

Clinical Endodontic Specialty (DNDO 551)	3	
Temporomandibular Disorders, Orofacial Pain and Sleep Disorders (DENT 509)	0 - 3	
Sedation in Endodontic Practice (DNDO 651)	1 - 3	
Year Total:	9-20.5	10-24.5

Second Year	Units	
	Fall	Spring
Multidisciplinary Seminar (DENT 698)	0 - .5	
Thesis M.S.D. (DENT 651)	1 - 9	
Endodontology (DNDO 529)	3	
Endodontic Literature Review (DNDO 539)	3	
Clinical Endodontic Specialty (DNDO 551)	3	
Multidisciplinary Seminar (DENT 698)		0 - .5
Thesis M.S.D. (DENT 651)		1 - 9
Endodontology (DNDO 529)		3
Endodontic Literature Review (DNDO 539)		3
Clinical Endodontic Specialty (DNDO 551)		3
Year Total:	10-18.5	10-18.5

**Total Units in Sequence: 39-82**