

# ENDODONTICS - CERTIFICATE

Endodontics is concerned with the morphology, physiology, and pathology of the human dental pulp and periradicular tissues. Its study and practice encompass the basic and clinical sciences including biology of the normal pulp, the etiology, diagnosis, prevention, and treatment of diseases and injuries of the pulp, and associated periradicular conditions. In addition, these specialists are involved in the use of magnification modalities and non-surgical and surgical endodontics treatment and retreatment.

The certificate program in Endodontics (<https://dentistry.tamu.edu/departments/endodontics/training.html>) is a 27-month graduate program that is fully accredited by the American Dental Association Commission on Dental Accreditation. It is designed to be a comprehensive didactic, clinical, and research experience in all aspects of endodontics. The program provides the graduate student with the tools necessary to be a clinically proficient endodontist, an astute diagnostician, a critical thinker, and a sound endodontist-scientist. In addition, the program prepares the student for the American Board of Endodontics certification examination. An optional MS in Oral Biology (<https://dentistry.tamu.edu/departments/graduate-studies/graduate-admissions/masters-and-phd-degrees.html>) is available through the Department of Biomedical Sciences. Additional time in residence and 32 additional credit hours would be required if pursuing the Certificate and the MS in Oral Biology simultaneously.

Application requirements include a DDS/DMD (or equivalent foreign dental degree), letters of recommendation, letter of motivation, resume, competitive class ranking, and passage of a national board exam (NBDE or INBDE). Graduates of a foreign dental school must submit Graduate Record Exam (GRE) scores if they cannot provide national board exam scores.

This program also prepares students for the opportunity to pursue an occupational license. Please refer to the Notification for Students Pursuing an Occupational License (<http://catalog.tamu.edu/graduate/appendices/occupational-licensing/>) in our catalog for additional information.

All courses within this program are taught face-to-face on the College of Dentistry campus located in Dallas, Texas. This program may require off-campus assignments at local, Dallas-Fort Worth Metroplex hospitals or dental clinics.

The application deadline is July 15 of each year, for matriculation the following June. The program uses the ADEA Postdoctoral Application Support Service (PASS (<https://www.adea.org/PASSapp/applicants/>)).

For more information on the Endodontics Certificate program, visit our website (<https://dentistry.tamu.edu/departments/endodontics/training.html>).

## Program Requirements

Code	Title	Semester Credit Hours
AEGD 604	Practice Management I	1.5
ENDO 600	Current Literature Review I	1.0
ENDO 601	Current Literature Review II	1.0
ENDO 602	Current Literature Review III	1.0
ENDO 603	Current Literature Review IV	1.0
ENDO 604	Current Literature Review V	1.0

ENDO 605	Current Literature Review VI	1.0
ENDO 606	Current Literature Review VII	1.0
ENDO 607	Endodontics Treatment Planning Conference I	1.0
ENDO 608	Endodontics Treatment Planning Conference II	1.0
ENDO 609	Endodontics Treatment Planning Conference III	1.0
ENDO 610	Endodontics Treatment Planning Conference IV	1.0
ENDO 611	Endodontics Treatment Planning Conference V	1.0
ENDO 612	Endodontics Treatment Planning Conference VI	1.0
ENDO 613	Endodontics Treatment Planning Conference VII	1.0
ENDO 614	Special Problems in Endodontics I	1.0
ENDO 615	Special Problems in Endodontics II	1.0
ENDO 616	Special Problems in Endodontics III	1.0
ENDO 617	Special Problems in Endodontics IV	1.0
ENDO 618	Special Problems in Endodontics V	1.0
ENDO 619	Advanced Special Problems in Endodontics I	1.0
ENDO 620	Advanced Special Problems in Endodontics II	1.0
ENDO 622	Clinical Endodontics I	2.0
ENDO 623	Clinical Endodontics II	2.0
ENDO 624	Clinical Endodontics III	2.0
ENDO 625	Clinical Endodontics IV	2.0
ENDO 626	Clinical Endodontics V	2.0
ENDO 627	Advanced Clinical Endodontics I	2.0
ENDO 628	Advanced Clinical Endodontics II	2.0
ENDO 691	Research	4.0
OBIO 611	Research Design and Methodology	2.0
OBIO 621	Applied Biostatistics	2.0
OBIO 651	Sensory Neurobiology and Pain	1.0
OBIO 660	Teaching Skills for Health Professions Educators	1.0
OBIO 670	Clinical Pharmacology	1.5
OBIO 671	Applied Medical Physiology	2.0
OBIO 672	Head and Neck Anatomy	1.5
OBIO 673	Oral Microbiology	2.0
OBIO 674	Immunology	1.0
OMFP 619	Advanced Oral Pathology	2.0
OMFR 611	Advanced Oral and Maxillofacial Radiology	1.0
OMFS 610	Conscious Sedation	1.0
OMFS 625	Physical Diagnosis and Internal Medicine	1.0
PERI 650	Dental Implants	1.5
<b>Total Semester Credit Hours</b>		<b>61</b>

2 Endodontics - Certificate

Must complete 27 months of residency, total credit hours specified, any noncredit courses specified, and be approved by the Promotions Committee for this certificate to be awarded.

In accordance with Student Rule 10.4.1, grades of S or U may be assigned in certain officially designated certificate courses.