

PEDIATRIC DENTISTRY - CERTIFICATE

Pediatric Dentistry is an age-defined branch of dentistry that provides both primary and comprehensive preventive and therapeutic oral health care for infants and children through adolescence, including those with special healthcare needs.

The program in Pediatric Dentistry is designed to offer the graduate student a curriculum that is balanced in didactic and clinical areas. The primary goal of the program is to develop a biologically oriented, technically capable, and socially sensitive pediatric dentist who is capable of providing comprehensive care to all pediatric patients. Emphasis is placed on hospital dentistry, special needs patient care, sedation, and interceptive orthodontics. Clinical training is provided in hospital- and university-based clinics.

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

Clinical instruction includes training in advanced diagnosis and treatment planning, treatment of traumatic injuries, pharmacological and non-pharmacological behavior management, and interceptive orthodontics. Hospital and operating room protocol, oral rehabilitation, and prevention are included in the clinical component. Clinical rotations include assignments to the dental clinics at

Children's Medical Center of Dallas, Texas Scottish Rite Hospital for Children, Dentstar Dental, North Dallas Shared Ministries, DFW Crown Dentistry, HHM Health, and the College of Dentistry, including the Dr. MC Cooper Clinic (an external clinic that is a part of the College of Dentistry). In addition, there are other hospital clinical rotations - such as anesthesia, craniofacial team, emergency on-call, and pediatric medicine.

Didactic training is College of Dentistry-based, with support from hospital and special care facility personnel. Didactic instruction consists of core curriculum courses and seminars in pediatric dentistry. The majority of core courses are assigned during the first year to provide a solid base for the pediatric specialty course and allow more time for clinical experience in the second year. All aspects of the specialty of pediatric dentistry are included in the didactic instruction. The didactic courses comprise approximately 20% of the program.

Teaching responsibilities, including technique classes and clinical instruction, are required by the program. A research project, suitable for publication, is required for the Certificate. Upon successful completion of all components of the program, the student receives a Certificate in Pediatric Dentistry and meets the advanced education eligibility requirements of the American Board of Pediatric Dentistry. It is required that each student take the American Board of Pediatric Dentistry qualifying examination prior to graduation from the program.

The Pediatric Dentistry Certificate program is 24 months in length, beginning in late June each year. Up to 11 new positions are available each year. All applicants must have a DDS/DMD degree or equivalent. All applicants must have a Postdoctoral Dental Matching Program (MATCH (<https://natmatch.com/dentres/>)) number and all applications must be made through the Postdoctoral Application Support Service (PASS (<https://www.adea.org/PASSapp/applicants/>)) portal. Applicants must submit official transcripts from all colleges and universities attended,

even if no degree was awarded. The deadline to apply is October 1 of each year, for matriculation the following June.

An optional, 32 credit hour MS in Oral Biology may be completed simultaneously with the Pediatric Dentistry Certificate. This degree is not fully integrated with the Certificate program. Candidates pursuing both a Certificate in Pediatric Dentistry and an advanced degree will require additional time in residency (approximately an additional year) to achieve the advanced degree. Additional tuition will be incurred. Contact the program for additional information on this option.

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

For additional information about the Certificate in Pediatric Dentistry, visit our website (<https://dentistry.tamu.edu/departments/pediatric-dentistry/residency.html>).

Program Requirements

Code	Title	Semester Credit Hours
OBIO 611	Research Design and Methodology	2.0
OBIO 621	Applied Biostatistics	2.0
OBIO 630	Growth and Mechanisms of Development	1.0
OBIO 631	Advanced Craniofacial Development and Craniofacial Anomalies	1.0
OBIO 632	Physical Growth and Maturation	1.0
OBIO 660	Teaching Skills for Health Professions Educators	1.0
OMFR 611	Advanced Oral and Maxillofacial Radiology	1.0
PEDD 611	Pediatric Dentistry I	3.0
PEDD 612	Pediatric Dentistry II	3.0
PEDD 613	Pediatric Dentistry III	3.0
PEDD 614	Pediatric Dentistry IV	2.5
PEDD 615	Pediatric Dentistry V	5.0
PEDD 616	Pediatric Dentistry VI	4.0
PEDD 621	Hospital Dentistry I	2.0
PEDD 622	Hospital Dentistry II	2.5
PEDD 623	Hospital Dentistry III	3.0
PEDD 624	Hospital Dentistry IV	3.5
PEDD 625	Hospital Dentistry V	4.0
PEDD 626	Hospital Dentistry VI	4.0
Total Semester Credit Hours		48.5

To receive a certificate in Pediatric Dentistry, students must remain continuously enrolled for 24 months, and successfully complete the semester credit hours as indicated on their degree plan, and an approved research project. There is no advanced standing granted for previous clinical specialty training or advanced degrees.

The MS in Oral Biology (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/dentistry/interdepartmental/oral-biology-ms/>) and the Master of Public Health (MPH) (<https://catalog.tamu.edu/>)

graduate/colleges-schools-interdisciplinary/public-health/epidemiology-biostatistics/#masterstext) programs are optional.

Students in the Certificate, MS or MPH program must remain continuously enrolled and be enrolled the semester in which the degree is to be awarded.

Please see the catalog pages for the MS in Oral Biology (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/dentistry/interdepartmental/oral-biology-ms/>) and Master of Public Health (MPH) (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/public-health/epidemiology-biostatistics/#masterstext>) programs for more information regarding application and curriculum for these programs.

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