

PEDIATRIC DENTISTRY

The graduate program in pediatric dentistry is a master's (Master of Science in Dentistry) and/or certificate program based at Case Western Reserve University School of Dental Medicine and Rainbow Babies and Children's Hospital.

The two-year postdoctoral residency program follows the principles and policies outlined in the Guidelines for Advanced Education in Pediatric Dentistry prepared by the American Academy of Pediatric Dentistry and the American Board of Pediatric Dentistry. It is fully accredited by the Commission on Dental Accreditation. Successful completion results in a certificate of specialty education in pediatric dentistry which qualifies the resident for examination by the American Board of Pediatric Dentistry.

Students who elect to complete the master's program pay full tuition. The MSD program is open to non-US citizens and foreign-trained dentists. Foreign-trained dentists must complete a US GPR or AEGD before applying to the program.

Our purpose is to train the specialist as a qualified practitioner, consultant, and advocate for complete dental treatment of healthy and special needs children.

The acquired skills prepare the pediatric dental resident to prevent, diagnose and treat common and unusual oral problems that might arise during the physical, psychological and emotional development of the child and adolescent. In addition to the oral aspects of childcare, the resident becomes cognizant of the general health problems related to children.

Our program offers a balanced clinical and didactic curriculum in advanced infant, child, and adolescent dental care.

The pediatric dentistry curriculum is designed to have the resident play an integral role in the health care of children, side by side with his/her medical colleagues, and to prepare the resident for successful entry into the contemporary practice setting while providing the foundation for future growth in the field.

Admission

More information about admission can be found at the School of Dental Medicine website.

<https://case.edu/dental/departments-programs/pediatric-dentistry/pediatric-dentistry-residency-program/how-to-apply-to-pediatric-programs/>
(<https://case.edu/dental/departments-programs/pediatric-dentistry/pediatric-dentistry-residency-program/how-to-apply-to-pediatric-programs/>)

The following courses are required for the postdoctoral student:

- Behavioral Management
- Anatomy
- Epidemiology & Biostatistics
- Microbiology
- Facial Growth and Development
- Craniofacial Anomalies
- Hospital Dentistry
- Conscious Sedation
- Conferences
- Pediatric Dentistry Literature Review

- Preventive and Interceptive Orthodontics
- Genetics
- Pharmacology
- Hospital Rotations in the departments of Anesthesia, Pediatric, and Emergency Medicine

A research requirement must be fulfilled for certification in pediatric dentistry. Students enrolled in the MSD program must complete a formal thesis.

First Year	Units	
	Fall	Spring
Correlative Medical Science (DENT 502)	0 - 2	
Anatomy of the Head and Neck (DENT 513)	0 - 3	
Epidemiology and Biostatistics (DENT 510)	0 - 3	
Research Methods: Preparation (DENT 514)	0 - 1	
Behavioral Considerations in Oral Health Care (DENT 518) ¹	0 - 1	
Advanced Oral Pathology (DENT 512)	0 - 3	
Facial Growth and Development (DENT 503)	0 - 1	
Dentofacial Anomalies (DENT 505)	0 - 1	
Orthodontics for Pediatric Dentists I (DENT 561)	0 - 3	
Pediatric Dentistry Literature Review (DPED 533)	0 - 2	
Fundamentals in Pediatric Dentistry (DPED 535)	0 - 3	
Advanced Clinical Pediatric Dentistry (DPED 537)	0 - 3	
Advanced Seminar in Pediatric Dentistry (DPED 639)	0 - 3	
Pediatric Dental Residency (DPED 690)	0	
Biological Aspects of the Stomatological System (DENT 501)		0 - 2
Microbiology, Immunology, and Immune Systems (DENT 516)		0 - 3
Clinical Pharmacology (DENT 550)		0 - 1
Pediatric Dentistry Literature Review (DPED 533)		0 - 2
Fundamentals in Pediatric Dentistry (DPED 535)		0 - 3
Advanced Clinical Pediatric Dentistry (DPED 537)		0 - 3
Advanced Seminar in Pediatric Dentistry (DPED 639)		0 - 3
Pediatric Dental Residency (DPED 690)		0
Year Total:		

Second Year	Units	
	Fall	Spring
Behavioral Considerations in Oral Health Care (DENT 518) ¹	0 - 1	
Facial Growth and Development (DENT 503)	0 - 1	
Dentofacial Anomalies (DENT 505)	0 - 1	
Pediatric Dentistry Literature Review (DPED 533)	0 - 2	
Orthodontics for Pediatric Dentists I (DENT 561)	0 - 3	
Pediatric Dental Residency (DPED 690)	0	
Pediatric Dentistry Literature Review (DPED 533)		0 - 2
Orthodontics for Pediatric Dentists I (DENT 561)		0 - 3
Advanced Clinical Pediatric Dentistry (DPED 537)		0 - 3
Pediatric Dental Residency (DPED 690)		0
Year Total:		

Total Units in Sequence:

0-62