

THE UNIVERSITY OF HONG KONG

Faculty of Dentistry

Master of Dental Surgery in Paediatric Dentistry

Credit Unit Statement

The three-year Master of Dental Surgery in Paediatric Dentistry [MDS(PaediatrDent)] is to train the student to be a clinically competent paediatric dentist, and hence the programme of clinical, laboratory, and didactic coursework is designed with this goal in mind. The courses are assigned with credits in multiples of 3 credits for a single course with 60-90 hours of study load as the norm for 3 credits. The curriculum includes *Faculty Core Courses, Discipline Specific Courses, Clinical Component and Research Component*. Total contact hours and total study load have a minimum of 2400 and 5400 respectively.

A. Faculty Core Courses (3 credits per course)

These courses introduce the scientific method and aims to help the students develop advanced scientific skills, including competences required to critically evaluate research outcomes as well as design and execute biomedical research. Furthermore, these courses will help the student to develop a thorough understanding of biomaterials and material science as applied in rehabilitation disciplines. Students will also attend certain courses at the Li Ka Shing Faculty of Medicine.

Assessment: One 2-hour written paper; 100% examination; no limit in number of words

B. Discipline Specific Courses (69 credits per course)

The didactic component of the programme will be based on the concept of providing dental care as part of the promotion of general health for the child and will cover the biological science in relation to pediatric dentistry, behavior management, diagnosis and treatment planning, prevention and management of oral diseases, restorative pediatric dentistry, pulp therapy for primary and young permanent teeth, trauma injuries to the teeth, dental anomalies, orthodontic diagnosis and treatment, oral pathology, oral medicine and oral surgery, medically compromised children, children with special needs and management of cleft lip and palate. Candidates will gain an understanding of paediatric dentistry in its public health aspects, appreciating also its relation to other branches of dentistry and medicine.

Assessment: 100% examination: written examination; no limit in number of words

C. Clinical Component (123 credits per course)

The clinical component includes dedicated consultation clinics for the diagnosis and treatment planning of unfamiliar cases, and supervised clinical practice for the development of the skills and competences necessary for management of complex endodontic cases. It covers approximately 45% of the programme, may involve multidisciplinary clinical activities, and includes the production of a portfolio as capstone experience throughout the study.

Assessment: 100% examination: practical examination, written examination, case presentations and portfolio assessment; no limit in number of words

D. Research Component (54 credits per course)

This component involves the design, execution and dissemination of original research project by the student. Such a process typically includes an extensive systematic literature review within the given topic, design and execution of a research project and dissemination of the research outcomes in the form of a dissertation or a peer reviewed publication.

Assessment: 100% Dissertation; no limit in number of words