

THE UNIVERSITY OF HONG KONG

Faculty of Dentistry

Master of Dental Surgery in Periodontology

Credit Unit Statement

The three-year Master of Dental Surgery in Periodontology [MDS(Perio)] is a programme of advanced study research of the histo-pathogenesis of periodontal diseases, their aetiology, prevention and treatment, including the role of advanced forms of periodontal therapy in comprehensive oral health care, the role of implants in replacing missing teeth, implant placement and supportive care for dental implants in the periodontally susceptible are also covered. The programme includes lectures, seminars, tutorials, case conferences, clinical and laboratory work together with project assignments, training in research method and the conduct of a research project along with the preparation of a dissertation, project report or research paper in publication format. 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 aim 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. The use of the current data search strategies and information technologies will be taught and fully utilized. Students will also attend certain courses at the Li Ka Shing Faculty of Medicine.

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

B. Discipline Specific Courses (3-9 credits per course)

This set of courses aims to train the students be proficient in a wide range of analytical, investigative, planning, problem solving and team-work skills, and must be able to demonstrate an understanding of the roles and responsibilities of periodontally educated and trained practitioners in dental practice and within the profession, and the moral and ethical issues involved in the provision of periodontal care to individuals and to communities.

Assessment: 100% in-class assessment/ one 2-hour written examination; 50% coursework and 50% examination; no limit in number of words

C. Clinical Component (126 credits per course)

Clinical education covers approximately 45% of the curriculum and includes supervised clinical practice within Prince Philip Dental Hospital (PPDH) and other clinics, as well as multidisciplinary clinical activities.

Assessment: 60% continuous assessment, 20% case presentations and 20% oral clinical examinations

D. Research Component (54 credits)

Research Component provides an opportunity to experience and learn from different contexts in clinical care and research. Dissertation is submitted in the final year. An oral presentation, vivas and examinations of the dissertation would be conducted.

Assessment: 50% project report presentation and 50% oral examination; no limit in number of words

Capstone Experience: Clinical Portfolio (6 credits)

Assessment: 50% case presentations and 50% oral clinical examination; no limit in number of words