

# THE UNIVERSITY OF HONG KONG

## Faculty of Dentistry

### Master of Dental Surgery in Endodontics

#### Credit Unit Statement

The three-year Master of Dental Surgery in Endodontics [MDS(Endo)] is intended specifically for dentists who intend to pursue specialist endodontic training. The programme will enable students to acquire knowledge of the relevant clinical literature, to develop a scientific approach to problem solving, to learn to assess scientific papers, and to develop clinical endodontic skills to an advanced level. 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 examinations; 100% examination; no limit in number of words*

#### **B. Discipline Specific Courses (3,6 or 12 credits per course)**

This set of courses introduces students to the practice of Endodontics and is designed for acquisition of the basic skills required for surgical and nonsurgical endodontic treatment, as well as those necessary to restore the tooth before and/or after such treatment.

Those multidisciplinary courses aim to help the students comprehend the past and current research in Endodontics, and the outcomes and evidence base of endodontic treatments. It may take the form of tutorials, joint seminars or clinical discussions. It includes course components offered in other disciplines of dentistry.

*Assessment: 100% coursework, or 50% coursework and 50% examination, or 100% examination; no limit in number of words*

#### **C. Clinical Component (6-33 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% in-class assessment, or 50% continuous assessment, 25% portfolio assessment and 25% oral examination; no limit in number of words*

**D. Research Component (6 or 24 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% continuous assessment, or 100% dissertation; no limit in number of words*

**Capstone Experience: Clinical Portfolio (15 credits)**

*Assessment: 100% examination*