

POSTGRADUATE HANDBOOK

ACADEMIC SESSION
2019/2020



Ph.D
DrDPH
MCOH
MDSc
OMS
OMOP
ORTHO
CONS
PROSTHO

FACULTY OF DENTISTRY
UNIVERSITY OF MALAYA

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FOREWORD

THE FACULTY OF DENTISTRY UNIVERSITY OF MALAYA

The Faculty warmly welcomes you to be part of this pursuit of academic and professional excellence. The Faculty of Dentistry was established in 1971. This first local dental school undertook the role of training students in Dentistry and later in the various specialties, a function that was previously fulfilled by overseas universities. Graduates of Faculty have become successful practitioners in the private sector or senior specialties and administrators/policy makers in the government services as well as respected academician.

The Faculty received recognition for its high standard of teaching, research and professionalism when the General Dental Council of the United Kingdom gave its recognition to the University's Bachelor of Dental Surgery degree in December 1997. The first postgraduate program, the Master of Community Dentistry was introduced in 1994. This was followed by Master of Dental Science in 1996. Master in Clinical Dentistry, Master of Orthodontics and Master of Dental Surgery were introduced in 2000. These postgraduate courses cover a range of disciplines and conducted through coursework and/or research.

The Dental Faculty was recognized by the Royal College of Surgeons of England as a training centre for the Fellowship in Dental Surgery (FDS) in 1989. The first Part 1 examination was conducted in the Faculty in 1993 and the final FDSRCS (Eng) examination in the following year. The Dental Faculty was also recognized as a training hospital that fulfilled the clinical prerequisites of the Membership of the Faculty of Dentistry (MFDS) examinations. The feasibility to sit for the FDSRCS and MFDS (Eng) examination locally had a positive effect on the number of dental practitioners and specialist in the country. It is indeed a privilege for the UM Dental Faculty to be recognized as one of the new 'overseas' training and examination centre by the Royal College of Surgeons of England. The faculty is now a recognised regional centre for Membership of the Joint Dental Faculties (MJDF) Part 1 and 2, Intercollegiate Membership in Orthodontics (IMOrth) Part 1 and 2, and Membership in Restorative Dentistry (MRD) examinations.

Three Master of Clinical Dentistry programmes; Restorative Dentistry in Conservative Dentistry, Restorative Dentistry in Prosthetic Dentistry and Periodontology offered by the Faculty had been recognised as a 'training centre' for the Membership of Restorative Dentistry RCS (Eng) examination. Accreditation of Laboratory for Pathology training in the discipline of Oral Pathology was conferred by the Royal College of Pathologists of Australasia in August 2011. The Master of Orthodontics is recognized

by the Hospital Recognition Committee, The Royal College of England and The Royal College of Surgeons and Physician of Glasgow as a Training Centre in Orthodontics since 2001.

The postgraduate courses conducted by the Faculty are getting more demand from both local and international students. International students come from many parts of the world like India, Pakistan, Indonesia, Philippines, Thailand, Libya, Iraq, Iran, Brunei, Palestine, Kenya, England, Africa, Yemen, Oman, Bangladesh and also Brazil.

Research is an integral part of postgraduate course and there are currently 7 major research groups, all of them are headed by experienced research leaders. Their researches focus on various niche areas, such as biomaterial technology, oral cancer, oral & craniofacial biology and dentistry, community dentistry, regenerative dentistry and dental education. The respective research groups are as follows:

Biomaterials Technology Research Group (BTRG)

Head: **Dr. Noor Azlin Yahya**

Oral Cancer Research & Coordinating Centre (OCRCC)

Head: **Professor Dr. Jennifer Geraldine Doss**

Oral & Craniofacial Biology Research Group (OCBRG)

Head: **Professor Dr. Ian Charles Paterson**

Clinical Craniofacial Dentistry Research Group (CCDR.G)

Head: **Associate Professor Dr. Wey Mang Chek**

Community Oral Health Research Group (COHRG)

Head: **Professor Dr. Zamros Yuzadi Mohd Yusof**

Regenerative Dentistry Research Group (ReDR.eG)

Head: **Professor Dr. Sabri Musa**

Dental Education Research Group (DERG)

Head: **Dr. Maria Angela Garcia Gonzalez**

Oro-Cranio-maxillofacial Research & Surgical Group (OCReS)

Head: **Associate Prof. Dr. Firdaus Bin Hariri**

The Faculty warmly welcomes you to be part of this pursuit of academic and professional excellence.

MISSION AND VISION

UNIVERSITY OF MALAYA

Mission

To advance knowledge and learning through quality research and education for the nation and for humanity.

Vision

To be internationally renowned university of higher learning in research, innovation, publication and teaching.

FACULTY OF DENTISTRY

Mission

To be a centre of excellence in oral health science education and research and to function as a catalyst to promote learning and research in dentistry.

Vision

To be a premier faculty in providing a high standard of training and research to produce caring dental professionals with holistic approach.

ACADEMIC CALENDAR 2019/2020

GENERAL ACADEMIC CALENDAR

SEMESTER I				
Introduction / Orientation week	1 week*	01.09.2019	-	08.09.2019
Lectures	8 weeks*	09.09.2019	-	03.11.2019
Mid-Semester I Break	1 week*	04.11.2019	-	10.11.2019
Lectures	6 weeks	11.11.2019	-	22.12.2019
Revision week	1 week*	23.12.2019	-	29.12.2019
Examinations Semester I	3 weeks*	30.12.2019	-	19.01.2020
Semester I Break	4 weeks*	20.01.2020	-	16.02.2020
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24 weeks				
SEMESTER II				
Lectures	9 weeks	17.02.2020	-	19.04.2020
Mid-Semester II Break	1 week	20.04.2020	-	26.04.2020
Lectures	5 weeks*	27.04.2020	-	31.05.2020
Revision week	1 week*	01.06.2020	-	07.06.2020
Semester II Examination	3 weeks	08.06.2020	-	28.06.2020
<hr/>				
19 weeks				
SEMESTER BREAK				
Semester break	11 weeks	29.06.2020	-	13.09.2020
SPECIAL SEMESTER				
Lectures	7 weeks*	29.06.2020	-	16.08.2020
Special Semester Examination	1 week*	17.08.2020	-	23.08.2020
Semester break	3 weeks*	24.08.2020	-	13.09.2020
<hr/>				
11 weeks				

Awal Muharam (01 September 2019)
 Yang Dipertuan Agong's Birthday
 (09 September 2019)
 Malaysian Day (16 September 2019)
 Deepavali (27 October 2019)
 Maulidur Rasul (09 November 2019)
 Christmas (25 December 2019)
 New Year (1 January 2020)
 Chinese New Year (25 & 26 January 2020)
 Federal Territory's Day (01 February 2020)

Thaipusam (08 February 2020)
 Labour Day (01 May 2020)
 Vesak Day (07 May 2020)
 Nuzul Quran (10 May 2020)
 Eidul Fitri (24 & 25 May 2020)
 Eidul Adha (31 July 2020)
 Awal Muharam (20 August 2020)
 Independence Day (31 August 2020)

**MASTER OF COMMUNITY ORAL HEALTH
DOCTOR OF DENTAL PUBLIC HEALTH**

SEMESTER I		
Introduction / Orientation week	1 week	03.09.2018 - 09.09.2018
Lectures	8 weeks	10.09.2018 - 04.11.2018
Mid-Semester I Break	1 week	05.11.2018 - 11.11.2018
Lectures	6 weeks	12.11.2018 - 23.12.2018
Revision week	1 week	24.12.2018 - 01.01.2019
Examinations Semester I	3 weeks	02.01.2019 - 20.01.2019
Semester I Break	4 weeks	21.01.2019 - 17.02.2019
24 weeks		
SEMESTER II		
Lectures	8 weeks	18.02.2019 - 14.04.2019
Mid-Semester II Break	1 week	15.04.2019 - 21.04.2019
Lectures	6 weeks	22.04.2019 - 02.06.2019
Revision week	1 week	03.06.2019 - 09.06.2019
Semester II Examination	3 weeks	10.06.2019 - 30.06.2019
19 weeks		
SEMESTER BREAK / SPECIAL SEMESTER		
Lectures	7 weeks	01.07.2019 - 18.08.2019
Special Semester Examination	1 week	19.08.2019 - 25.08.2019
Semester break	2 weeks	26.08.2019 - 08.09.2019
10 weeks		

Awal Muharam (01 September 2019)
 Yang Dipertuan Agong's Birthday
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 Deepavali (27 October 2019)
 Maulidur Rasul (09 November 2019)
 Christmas (25 December 2019)
 New Year (1 January 2020)
 Chinese New Year (25 & 26 January 2020)
 Federal Territory's Day (01 February 2020)

Thaipusam (08 February 2020)
 Labour Day (01 May 2020)
 Vesak Day (07 May 2020)
 Nuzul Quran (10 May 2020)
 Eidul Fitri (24 & 25 May 2020)
 Eidul Adha (31 July 2020)
 Awal Muharam (20 August 2020)
 Independence Day (31 August 2020)

MASTER OF CLINICAL DENTISTRY (ORAL MAXILOFACIAL & SURGERY)
MASTER OF CLINICAL DENTISTRY (ORAL MEDICINE AND ORAL PATHOLOGY)
MASTER OF CLINICAL DENTISTRY (RESTORATIVE DENTISTRY IN CONSERVATIVE DENTISTRY)
MASTER OF CLINICAL DENTISTRY (RESTORATIVE DENTISTRY IN PROSTHETIC)
MASTER OF ORTHODONTICS

(YEAR I)

SEMESTER I			
Introduction / Orientation week	1 week	01.09.2019 - 08.09.2019	
Lectures	8 weeks	09.09.2019 - 03.11.2019	General Dentistry 24.09.2019 – 25.10.2019
Semester Break I	1 week	04.11.2019 – 10.11.2019	
Lectures	7 weeks	11.11.2019 – 29.12.2019	Research Methodology 18.11.2019 – 18 Dec 2019
Revision week	1 week	30.12.2019 – 05.01.2020	Basic Medical Science Course 06.01.2020 – 17.01.2020
Part I Examination	1 week	06.01.2020 – 12.01.2020	
Lectures	2 weeks	13.01.2020 – 26.01.2020	
Semester Break II	3 week	27.01.2020 – 16.02.2020	
24 weeks			
SEMESTER II			
Lectures	9 weeks	17.02.2020 - 19.04.2020	Basic Medical Science Examination 18.02.2020 – 20.02.2020
Semester Break I	1 week	20.04.2020 - 26.04.2020	
Lectures	6 weeks	27.04.2020 - 07.06.2020	
Semester Break II	1 week	08.06.2020 -14.06.2020	
Lectures	9 weeks	15.06.2020 -16.08.2020	Basic Medical Science Re-Examination 14.07.2020 – 16.07.2020
Semester Break II	4 weeks	15.08.2020 - 13.09.2020	
30 weeks			

Awal Muharam (01 September 2019)
 Yang Dipertuan Agong's Birthday (09 September 2019)
 Malaysia Day (16 September 2019)
 Deepavali (27 October 2019)
Maulidur Rasul (09 November 2019)
 Christmas (25 December 2019)
 New Year (1 January 2020)
 Chinese New Year (25 & 26 January 2020)
 Federal Territory's Day (01 February 2020)
Thaipusam (08 February 2020)
 Labour Day (01 May 2020)

Wesak Day (07 May 2020)
Nuzul Al-Quran (10 May 2020)
 Hari Raya Aidilfitri (24 & 25 May 2020)
 Hari Raya Aidiladha (31 July 2020)
Awal Muharam (20 August 2020)
 Independence Day (31 August 2020)

DEPARTMENTS

Department of Oral & Craniofacial Sciences

Head	Professor Dr. Fathilah Abdul Razak BSc (Hons) (Malaya), MSc (Malaya), PhD (Malaya)
Professor	Professor Dr. Ian Charles Paterson BSc (London), PhD (Bath)
Associate Professor	Associate Professor Dr. Marina Mohd. Bakri BDS (Malaya), MSc (Wales), PhD (Otago)
	Associate Professor Dr. Wan Himratul Aznita Wan Harun BSc (Hons) (Malaya), MSc (Distinction) (Malaya), PhD (Malaya)
	Associate Professor Dr. Chen Yeng BSc (Malaya), MMedSc (Malaya), PhD (Malaya)
	Associate Professor Dr. Yap Lee Fah BSc (Taiwan), MSc (Singapore), PhD (Bristol)
Senior Lecturer	Dr. Adyani Azizah Abd Halim BSc (Malaya), MSc (Malaya), PhD (Malaya)
	Dr. Syarifah Nur Syed Abdul Rahman BSc (Malaya), PhD (Malaya)
	Dr. Wan Izlina Wan Ibrahim BBiomedSc (Malaya), MMedSc (Malaya), PhD (Malaya)
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Associate Professor	Associate Professor Dr. Chai Wen Lin BDS (Malaya), MDSc (Malaya), FDSRCS (England), PhD (Sheffield) Associate Professor Dr. Zeti Adura Che Ab. Aziz BDS (Otago), MClinDent in Endodontology (London) Associate Professor Dr. Mariam Abdullah BDS (Otago), MClinDent in Endodontology (London) Associate Professor Dr. Rathna Devi A. Vaithilingam BDS (Malaya), MClinDent (Periodontology) (Malaya) Associate Professor Dr. Nor Adinar Baharuddin BDS (Adelaide), MDSc (Malaya), DClindent in Periodontology (Otago) Associate Professor Dr. Eshamsul Sulaiman BDS (Belfast), MFDRCS (Ireland), MClinDent (Prosthodontics with Distinction) (London) Associate Professor Dr. Jacob John a/I Chiremel Chandy BDS (Madras), MDS (Prosthodontic) (India) Associate Professor Dr. Prema Sukumaran BDS (Malaya), MClinDent in Prosthodontics (London), MProsRCS (Edinburgh), FDS (RCS Edinburgh) Associate Professor Dr. Syarida Hasnur Safii DDS (UKM), MClinDent (London), MRDRCS (Edinburgh), PhD (Otago)

Senior Lecturers**Dr. Noor Azlin Yahya**

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Dr. Azwatee Abd. Aziz

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BDS (Malaya), MSc (Prosthodontics) (Glasgow)

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Materials Science & Engineering (Idaho)

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Dentistry) (Malaya)

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Dent (KCL), PG Cert (Paed Dent) (KCL), MPaedDent (Edin)

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**Trainee
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Associate Professor	Associate Professor Dr. Norintan Ab. Murat BDS (Malaya), MSc (London), DDPHRCS (England), PhD (London)
Lecturer	Dr. Marhazlinda Jamaluddin BDS (Malaya), M.Comm.Med Oral Health (USM) Dr. Nor Azlida Mohd Nor BDS (Malaya), MSc (London), DDPHRCS (England)
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Trainee Lecture	Dr. Nur Fhatin Nadia Jasni Teoh BDS (Malaya), MCOH (Malaya) Dr. Noor Syahidah Hisamuddin DDS (UKM), MCOH (Dist) (Malaya)
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PROGRAMMES OFFERED

ACADEMIC SESSION 2019/2020

Clinical Coursework Programmes

Master of Orthodontics

Master of Clinical Dentistry (Oral and Maxillofacial Surgery)

Master of Clinical Dentistry (Restorative Dentistry in Conservative Dentistry)

Master of Clinical Dentistry (Restorative Dentistry in Prosthetic Dentistry)

Master of Clinical Dentistry (Oral Medicine and Oral Pathology)

Coursework Programmes

Master of Community Oral Health

Research Programmes

Master of Dental Science

Doctor of Philosophy

Mixed-mode Programmes

Doctor of Dental Public Health

1. Program of Study

The Master of Orthodontics programme offered is a clinical coursework with one third of the whole programme dedicated to the research component.

2. Admission Requirements

- (1) A Bachelor's degree or an equivalent degree in Dentistry from local and foreign universities and have at least two (2) years post registration clinical experience in dentistry; AND
- (2) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) or registered with the dental regulatory body in another country and eligible to be granted a Temporary Practising Certificate (TPC) by MDC; AND
- (3) Satisfy health and other requirements as required by University of Malaya; AND
- (4) Pass the interview (this is to assess the suitability of candidates under the master clinical programme); AND
- (5) Fulfil the requirements for admission as prescribed by the Faculty; AND
- (6) Fulfils English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the followings):
 - (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
 - (b) Obtained a minimum score of band 6 or band according to program standard in the International English Language System (IELTS); OR
 - (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42; OR

- (d) English Language subject at A-level with Grade C and above; OR
- (e) Cambridge English: First (FCE) grade C and above; OR
- (f) Cambridge English: Advance (CAE) Grade C and above; OR
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This programme shall extend over a minimum period of eight (8) semesters and a maximum period of twelve (12) semesters.

4. Structure of Programme of Study

- (1) This programme shall consist of TWO parts:
 - (a) Part I: comprising instruction in courses over a period of two (2) semesters.
 - (i) Basic Medical Science
 - (ii) General Dentistry;
 - (iii) Information and Communication Technology (ICT), Research Methodology and Biostatistics;
 - (b) Part II over a period of seven (7) semesters comprising of:
 - (i) Teaching, training and coursework in Orthodontics specialty. Clinical training is conducted in the Faculty of Dentistry, University of Malaya or clinical training centre recognized by the University; and
 - (ii) Research component leading to the submission of research report.
- (2) The scope of the programme is given in the Course Proforma and Course Information as given by the department carrying out the orthodontics programme.

5. Registration

Registration of courses shall be in a week prior to the commencement of each academic year.

6. Academic Supervision

- (1) The appointment of a supervisor shall be done at a point when a candidate's field of research is approved. Where necessary, the appointment of co-supervisor(s) may be required for the research component.
- (2) The supervisor and co-supervisor for the clinical training shall submit a report on the candidature progress to the Head of Department at the end of each semester.
- (3) The consultant appointed to the candidate shall also submit a report on the candidature clinical progress to the Head of Department at the end of each posting and six months' interval for a posting longer than six months.

7. Field of Research

The determination of field of research shall be done prior to candidate's embarkation on research work.

8. Submissions

- (1) A candidate shall submit his/her research report at least ONE (1) month before the commencement date of Part II (Final) examination.
- (2) Notice for the submission of the research report will be given when the candidate submits the title of the research project for approval.
- (3) A candidate shall submit his/her log book by the date prescribed by the department prior to the examination.

9. Examination

- (1) The examinations leading to the degree of Master of Orthodontics by clinical coursework shall be the:

- (a) Part I examination; and
 - (b) Final examination.
- (2) No candidate shall be permitted to sit for the Part I examination unless he/she has attended to the satisfaction of the Faculty, the lectures extending over a period of two (2) semesters, in Basic Medical Sciences.
- (3) No candidate shall be permitted to sit for the Final examination unless he has:
- (a) passed or been exempted from the Part I examination. A candidate may be exempted from the Part I examination if he has passed:
 - (i) the examination for Membership of either:
 - Membership of the Joint Dental Faculty Royal College of Surgeons of England [MJDF RCS (England)]; or
 - Membership of the Faculty of Dental Surgery Royal College of Surgeons of Edinburgh [MFDS RCS (Edinburgh)]; or
 - Membership of the Faculty of Dental Surgery Royal College Physician and Surgeons of Glasgow [MFDS RCPS (Glasgow)]; or
 - Membership of the Faculty of Dentistry Royal College of Surgeons in Ireland (MFD RCS (Ireland));
- OR**
- (ii) the examination of any other colleges that may be approved by the Senate on the recommendation of the Faculty from time to time;
- OR**
- (iii) the examination of the Basic Medical Sciences of the University of Malaya.
- AND**
- (b) submitted his/her research report not later than ONE (1) month before the Final examination.
- AND**
- (c) obtained at least 60% marks of the continuous assessment component of the Final examination.

- (4) The Part I examination shall be held during the Part I programme of the study. The final examination shall be held at the end of the Part II programme of study.
- (5) Examination Components and Allocation of Marks

(a) Part I Examination

- (i) The components of the Part I examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Paper I – Multiple Choice Questions (MCQ)	50
Component B	Paper II – Short Answer Questions (SAQ)	50
	Grand Total	100

- (ii) Candidate has to satisfy the requirements for other courses registered for this part of the programme.

(b) Final Examination

The components of the Final examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Continuous Assessment	60
Component B	(i) Written paper (ii) Clinical/practical and viva voce	40 100
Component C	Research report and viva voce	100
	Total	300

(6) Examination Assessment

Marking Scheme

- (a) The marks in the examination shall be graded according to the following scheme:

Marks	Grade	Meaning
90-100	A+	Pass with Distinction
80-89	A	Excellent
75-79	A-	
70-74	B+	Good Pass
65-69	B	
60-64	B-	Fail
55-59	C+	
50-54	C	
45-49	C-	
40-44	D+	
35-39	D	
00-34	F	
0	X	Absent from Examination

- (b) Fractions during counting of the final mark shall be rounded to the nearest digit.
- (c) For the Part I examination:
- (i) candidates who obtained 60-64 marks must attend the viva voce conducted by the related examiner(s); and
 - (ii) if the candidate shows satisfactory performance, the marks will be raised to 65 upon recommendation by the examiners.

(7) Requirements for Passing an Examination

A candidate shall be deemed to have passed the examinations prescribed below if he has obtained:

(a) Part I Examination

65% or more of the marks for each of the Component A and Component B of the Part I examination.

(b) Final Examination

- (i) 65% or more of the aggregate combined marks for Component A, Component B and Component C of the Part II examination;
- (ii) 60% or more of the marks for each of the sub Component (i) and (ii) of Component B of the Final examination; and
- (iii) 65% or more of the marks for Component C of the Final examination.

(8) Repeating an Examination

(a) Part I Re-Examination

- (i) A candidate who has failed the Part I examination may be permitted a Re-examination on one occasion only after repeating such parts of the course over a period of time as determined by the Committee of Examiners and approved by the Faculty.
- (ii) The Part I Re-examination shall consist of the same components and shall be assessed and graded in the same manner as prescribed for the main Part I examination.
- (iii) A candidate who fails the Part I re-examination shall be deemed to have failed the Part I examination but shall be permitted, on the recommendation of the Committee of Examiners and with approval of the Faculty of Dentistry, to repeat the Part I of the programme of study.
- (iv) A candidate who fails the Part I examination after repeating his/her programme of study shall be terminated from the Master of Orthodontics degree programme and be refused re-admission to the programme.

(b) Final Re-Examination

- (i) A candidate who:
 - A. has failed Component B **and** Component C of the Final examination may be permitted a re-examination on two occasions in the components that he has failed after repeating such parts of the course over a period of time as may be

determined by the Committee of Examiners and approved by the Faculty.

- B. has failed either Component B **or** Component C of the Final examination may be granted a provisional pass in the component that he has passed and be required to re-sit on two occasions, only the component that he has failed after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.
- (ii) The Final re-examination shall be assessed and graded in the same manner as prescribed for the main Final Examination.
 - (iii) A candidate's research report that is deemed unsatisfactory by the Committee of Examiners may be referred for further work over a periods of time to be determined by the Committee of Examiners. That such periods of time as determined, shall not exceed one year on any one occasion. At the end of the prescribed period the candidate shall be required to re-submit the research report for re-examination.
 - (iv) A candidate who failed to submit his/her research report by the end of a prescribed period for re-examination or whose research report fails to satisfy the Committee of Examiners after re-submission, shall be deemed to have failed the re-examination in the research report.
 - (v) A candidate shall not be permitted to submit the research report for re-examination on more than two occasions.
 - (vi) A candidate who fails the Final re-examination on the second occasion shall be deemed to have failed the Final examination and shall not be permitted to repeat the programme of study except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of Senate.
- (c) A candidate who has passed the re-examination for the examinations mentioned above shall be deemed to have passed the prescribed examinations.

10. Award of Pass with Distinction for the Examination

A candidate may be awarded a pass with Distinction in the Part I examination or the Final examination if he/she has

- (a) obtained 90% or more of the aggregate combined marks of the components.
- (b) not failed any component of the prescribed examinations; and
- (c) not repeated the prescribed examinations, any component of the prescribed examinations or any part of the programme of study leading to the prescribed examinations, except on medical or compassionate grounds acceptable to the Faculty.

11. Award of the Degree

A candidate may be awarded the degree of Master of Orthodontics if he/she has:

- (a) passed the Part I and Final Examination for the degree of Master of Orthodontics as prescribed above; and
- (b) satisfactorily fulfilled the requirements for courses in Information and Communication Technology (ICT); Research Methodology and Biostatistics; and General Dentistry.

12. Award of the Degree with Distinction

A candidate may be awarded the degree of Master of Orthodontics (with Distinction) if he/she has:

- (a) passed with distinction in the Final examination and obtained at least 70% or more of the marks of each component and its subcomponent in the prescribed examinations; and
- (b) not repeated the Part I or the Final examination or any part of the programme of study leading to Part I examination or the Final examination except on medical or compassionate grounds acceptable to the Faculty.

Master of Clinical Dentistry (Oral and Maxillofacial Surgery)

Mode : By Clinical Coursework

1. Program of Study

The Master of Master of Clinical Dentistry (Oral and Maxillofacial Surgery) programme offered is a clinical coursework with one third of the whole programme dedicated to the research component.

2. Admission Requirements

- (1) A Bachelor's degree or an equivalent degree in Dentistry from local and foreign universities and have at least two (2) years post registration clinical experience in dentistry; AND
- (2) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) or registered with the dental regulatory body in another country and eligible to be granted a Temporary Practising Certificate (TPC) by MDC; AND
- (3) Satisfy health and other requirements as required by University of Malaya; AND
- (4) Pass the interview (this is to assess the suitability of candidates under the master clinical programme); AND
- (5) Fulfil the requirements for admission as prescribed by the Faculty; AND
- (6) Fulfils English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the followings):
 - (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
 - (b) Obtained a minimum score of band 6 or band according to program standard in the International English Language System (IELTS); OR

- (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42; OR
- (d) English Language subject at A-level with Grade C and above; OR
- (e) Cambridge English: First (FCE) grade C and above; OR
- (f) Cambridge English: Advance (CAE) Grade C and above; OR
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This programme shall extend over a minimum period of eight (8) semesters and a maximum period of twelve (12) semesters.

4. Structure of Programme of Study

- (1) This programme shall consist of THREE parts:
 - (a) Part I: comprising instruction in courses over a period of two (2) semesters.
 - (i) Basic Medical Science
 - (ii) General Dentistry;
 - (iii) Information and Communication Technology (ICT), Research Methodology and Biostatistics;
 - (b) Part II over a period of five (5) semesters comprising of:
 - (i) Teaching, training and coursework in the specialty; and
 - (ii) Research component leading to the submission of research report.
 - (c) Part III comprising of clinical attachment in the specialty option, in the Faculty of Dentistry, University of Malaya or clinical training centre recognized by the University over a period of two (2) semesters.

- (2) The scope of the programme is given in the Course Proforma and Course Information as given by the department carrying out the specialty programme.

5. Course Registration

The registration of courses shall be in a week prior to the commencement of each academic year.

6. Academic Supervision

- (1) The appointment of a supervisor shall be done at a point when a candidate's field of research is approved. Where necessary, the appointment of co-supervisor(s) may be required for the research component.
- (2) The supervisor and co-supervisor for the clinical training shall submit a report on the candidature progress to the Head of Department at the end of each semester.
- (3) The consultant appointed to the candidate shall also submit a report on the candidature clinical progress to the Head of Department at the end of each posting and six months' interval for a posting longer than six months.

7. Field of Research

The determination of field of research shall be done prior to candidate's embarkation on research work.

8. Submissions

- (1) A candidate shall submit his/her research report at least ONE month before the commencement date of Part II examination.
- (2) Notice for the submission of the research report should be given before the candidate submits the title of the research project for approval.
- (3) A candidate shall submit his/her log book by the date prescribed by the department prior to the examination.

9. Examination

- (1) The examination leading to the degree of Master of Clinical Dentistry (Oral Maxillofacial Surgery) by clinical coursework shall be the:
 - (a) Part I examination;
 - (b) Part II examination; and
 - (c) Final examination.
- (2) No candidate shall be permitted to sit for the Part I examination unless he/she has attended to the satisfaction of the Faculty, the lectures extending over a period of six months, in Basic Medical Sciences.
- (3) No candidate shall be permitted to sit for the Part II examination unless he/she has:
 - (a) passed or been exempted from the Part I examination. A candidate may be exempted from the Part I examination if he/she has passed:
 - (i) the examination for Membership of either:

Membership of the Joint Dental Faculty Royal College of Surgeons of England [MJDF RCS (England)]; or

Membership of the Faculty of Dental Surgery Royal College of Surgeons of Edinburgh [MFDS RCS (Edinburgh)]; or

Membership of the Faculty of Dental Surgery Royal College Physician and Surgeons of Glasgow [MFDS RCPS (Glasgow)]; or

Membership of the Faculty of Dentistry Royal College of Surgeons in Ireland (MFD RCS (Ireland));

OR

 - (ii) the examination of any other colleges that may be approved by the Senate on the recommendation of the Faculty from time to time;

OR

 - (iii) the examination of the Basic Medical Sciences of the University of Malaya.

AND

- (b) submitted his/her research report not later than **ONE** month before the Part II examination.

AND

- (c) obtained at least 60% marks of the continuous assessment component of the Part II examination.
- (4) No candidate shall be permitted to proceed to the Final examination unless he has:
- (a) passed the Part II examination; and
- (b) submitted his/her log book for examination not later than **ONE** month before the Final examination.
- (5) The Part I examination shall be held at the end of the Part I programme of study. The Part II examination shall be held at the end of the Part II programme of study. The Final examination shall be held at the end of the Part III program of study.
- (6) Examination Components and Allocation of Marks
- (a) Part I Examination
- (i) The components of the Part I examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Paper I – Multiple Choice Questions (MCQ)	50
Component B	Paper II – Short Answer Questions (SAQ)	50
	Grand Total	100

- (ii) Candidate has to satisfy the requirements for other courses registered for this part of the programme.
- (b) Part II Examination
- (i) The components of the Part II examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Continuous Assessment	60
Component B	i. Written paper	70
	ii. Clinical/practical and viva voce	70
Component C	Research report and viva voce	100
	Grand Total	300

(ii) Candidate has to satisfy the requirements for other courses registered for this part of the programme.

(c) Final Examination

The components of the Final examination and the marks to be allocated to each component shall be as follows:

Component	Allocation of Marks (Maximum)
(i) Logbook and Continuous Assessment	60
(ii) Practical+/Clinical+/Viva voce	40
Grand Total	100

(7) Examination Assessment

Marking Scheme

(a) The marks in the examination shall be graded according to the following scheme:

Marks	Grade	Meaning
90-100	A+	Pass with Distinction
80-89	A	Excellent
75-79	A-	
70-74	B+	Good Pass
65-69	B	
60-64	B-	Fail
55-59	C+	
50-54	C	
45-49	C-	
40-44	D+	
35-39	D	
00-34	F	
0	X	Absent from Examination

(b) Fractions during counting of the final mark shall be rounded to the nearest digit.

(c) For the Part I examination:

(i) candidates who obtained 60-64 marks must attend the viva voce conducted by the related examiner(s); and

(ii) if the candidate shows satisfactory performance, the marks will be raised to 65 upon recommendation by the examiners.

(8) Requirements for Passing an Examination

A candidate shall be deemed to have passed the examinations prescribed below if he has obtained:

(a) Part I Examination

65% or more of the marks for each of the Component A and Component B of the Part I examination.

(b) Final Examination

(i) 65% or more of the aggregate combined marks for Component A, Component B and Component C of the Part II examination;

- (ii) 60% or more of the marks for each of the sub Component (i) and (ii) of Component B of the Final examination; and
- (iii) 65% or more of the marks for Component C of the Final examination.

(c) Final Examination

65% or more of the aggregate combined marks for components of this examination.

(9) Repeating an Examination

(a) Part I Re-Examination

- (i) A candidate who has failed the Part I examination may be permitted a repeat examination on one occasion only after repeating such parts of the course over a period of time as determined by the Committee of Examiners and approved by the Faculty.
- (ii) The Part I Re-examination shall consist of the same components and shall be assessed and graded in the same manner as prescribed for the main Part I examination.
- (iii) A candidate who fails the Part I re-examination shall be deemed to have failed the Part I examination but shall be permitted, on the recommendation of the Committee of Examiners and with approval of the Faculty of Dentistry, to repeat the Part I of the programme of study.
- (iv) A candidate who fails the Part I examination after repeating his/her programme of study shall be terminated from the Master of Clinical Dentistry (Oral Maxillofacial Surgery P) degree programme and be refused re-admission to the programme.

(b) Part II Re-Examination

- (i) (A) A candidate who has failed **Component B and Component C** of the Final examination may be permitted a re-examination on two occasions after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.

- (B) A candidate who has failed either **Component B** or **Component C** of the Part II examination may be granted a provisional pass in the component that he has passed and be required to re-sit on two occasions, only the component that he has failed after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.
- (ii) The Part II **re-examination** shall be assessed and graded in the same manner as prescribed for the main Part II Examination.
- (iii) A candidate's research report that is deemed unsatisfactorily by the Committee of Examiners may be referred for further work over a periods of time to be determined by the Committee of Examiners except that such periods of time as determined, shall not exceed one year on any one occasion. At the end of the prescribed period the candidate shall be required to **re-submit** the research report for re-examination.
- (iv) A candidate who failed to submit his/her research report by the end of a prescribed period for re-examination or whose research report after re-submission, fails to satisfy the Committee of Examiners, shall be deemed to have failed the re-examination in the research report.
- (v) A candidate shall not be permitted to submit the research report for re-examination on more than two occasions.
- (vi) A candidate who fails the Part II re-examination on the second occasion shall be deemed to have failed the Part II examination and shall not be permitted to repeat the programme of study except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of Senate.
- (c) Final Re-Examination
- (i) A candidate who has failed the Final examination may be permitted a repeat examination on one occasion only after repeating such parts of the course over a period of ONE year except in special circumstances on the recommendation of the Faculty of Dentistry and such period of time as determined, shall not exceed one year.
- (ii) A candidate who has failed the Final re-examination shall be deemed to have failed the Final examination and shall not be permitted to repeat the programme of study except in special

circumstances on the recommendation of the Faculty of Dentistry and with the approval of the Senate.

- (d) A candidate who has passed the re-examination for the examinations mentioned above shall be deemed to have passed the prescribed examinations.

10. Award of Pass with Distinction for the Examination

A candidate may be awarded a pass with Distinction in the Part I examination, Part II examination or the Final examination if he has:

- (a) Obtained 90% or more of the aggregate combined marks of the components and at least 65% or more of the marks of each component in the prescribed examinations;
- (b) Not failed any component of the prescribed examinations; and;
- (c) Not repeated the prescribed examinations, any component of the prescribed examinations or any part of the programme of study leading to the prescribed examinations, except on medical or compassionate grounds acceptable to the Faculty.

11. Award of the Degree

A candidate may be awarded the degree of Master of Clinical Dentistry (Oral Maxillofacial Surgery) if he has:

- (a) passed the Part I, Part II and Final Examination for the degree of Master of Clinical Dentistry (Oral Maxillofacial Surgery) as prescribed above; and
- (b) satisfactorily fulfilled the requirements for courses in Information and Communication Technology (ICT); Research Methodology and Biostatistics; and General Dentistry.

12. Award of the Degree with Distinction

A candidate may be awarded the degree of Master of Clinical Dentistry (Oral Maxillofacial Surgery) (with Distinction) if he has:

- (a) passed with distinction in the Part II examination and Final examination for the degree of Master of Clinical Dentistry (Oral Maxillofacial Surgery) as prescribed above; and
- (b) Not repeated the Part I examination, Part II examination or the Final examination or any part of the programme of study leading to Part I examination, the Part II examination or the Final examination except on medical or compassionate grounds acceptable to the Faculty.

Master of Clinical Dentistry (Restorative Dentistry in Conservative Dentistry)

Mode : By Clinical Coursework

1. Program of Study

The Master of Clinical Dentistry (Restorative Dentistry in Conservative Dentistry) programme offered is a clinical coursework with one third of the whole programme dedicated to the research component.

2. Admission Requirements

- (1) A Bachelor's degree or an equivalent degree in Dentistry from local and foreign universities and have at least two (2) years post registration clinical experience in dentistry; AND
- (2) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) or registered with the dental regulatory body in another country and eligible to be granted a Temporary Practising Certificate (TPC) by MDC; AND
- (3) Satisfy health and other requirements as required by University of Malaya; AND
- (4) Pass the interview (this is to assess the suitability of candidates under the master clinical programme); AND
- (5) Fulfil the requirements for admission as prescribed by the Faculty; AND
- (6) Fulfils English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the followings):
 - (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
 - (b) Obtained a minimum score of band 6 or band according to program standard in the International English Language System (IELTS);

- (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42;
- (d) English Language subject at A-level with Grade C and above;
- (e) Cambridge English: First (FCE) grade C and above;
- (f) Cambridge English: Advance (CAE) Grade C and above;
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This programme shall extend over a minimum period of eight (8) semesters and a maximum period of twelve (12) semesters.

4. Structure of Programme of Study

(1) This programme shall consist of THREE parts:

- (a) Part I: comprising instruction in courses over a period of two (2) semesters.
 - (i) Basic Medical Science
 - (ii) General Dentistry;
 - (iii) Information and Communication Technology (ICT), Research Methodology and Biostatistics;
- (b) Part II over a period of five (5) semesters comprising of:
 - (i) Teaching, training and coursework in Restorative Dentistry in Conservative Dentistry specialty; and
 - (ii) Research component leading to the submission of research report.
- (c) Part III comprising of a clinical attachment in the specialty option, in the Faculty of Dentistry, University of Malaya or clinical training centre recognized by the University over a period of two (2) semesters.

- (2) The scope of the programme is given in the Course Proforma and Course Information as given by the department carrying out the specialty programme.

5. Course Registration

Registration of courses shall be in a week prior to the commencement of each academic year.

6. Academic Supervision

- (1) The appointment of a supervisor shall be done at a point when a candidate's field of research is approved. Where necessary, the appointment of co-supervisor(s) may be required for the research component.
- (2) The supervisor and co-supervisor for the clinical training shall submit a report on the candidature progress to the Head of Department at the end of each semester.
- (3) The consultant appointed to the candidate shall also submit a report on the candidature clinical progress to the Head of Department at the end of each posting and six months' interval for a posting longer than six months.

7. Field of Research

The determination of field of research shall be done prior to candidate's embarkation on research work.

8. Submissions

- (1) A candidate shall submit his/her research report at least ONE month before the commencement date of Part II examination.
- (2) Notice for the submission of the research report will be given when the candidate submits the title of the research project for approval.
- (3) A candidate shall submit his/her logbook and case reports by the date prescribed by the department prior to the examination.

9. Examination

- (1) The examination leading to the degree of Master of Clinical Dentistry (Restorative Dentistry in Conservative Dentistry) by clinical coursework shall be the:
 - (a) Part I examination;
 - (b) Part II examination; and
 - (c) Final examination.
- (2) No candidate shall be permitted to sit for the Part I examination unless he/she has attended to the satisfaction of the Faculty, the lectures extending over a period of six months, in Basic Medical Sciences.
- (3) No candidate shall be permitted to sit for the Part II examination unless he has:
 - (a) Passed or been exempted from the Part I examination. A candidate may be exempted from the Part I examination if he has passed:
 - (i) the examination for Membership of either:

Membership of the Joint Dental Faculty Royal College of Surgeons of England [MJDF RCS (Eng)]; or

Membership of the Faculty of Dental Surgery Royal College of Surgeons of Edinburgh [MFDS RCS (Edin)]; or

Membership of the Faculty of Dental Surgery Royal College Physician and Surgeons of Glasgow [MFDS RCPS (Glasg)]; or

Membership of the Faculty of Dentistry Royal College of Surgeons in Ireland (MFD RCS (Ire));

OR

 - (ii) the examination of any other colleges that may be approved by the Senate on the recommendation of the Faculty from time to time;

OR

 - (iii) the examination of the Basic Medical Sciences of the University of Malaya.

AND

- (b) Submitted his/her research report and case reports no later than date prescribed by the Department prior to Part II examination.

AND

- (c) Obtained at least 60% marks of the continuous assessment component of the Part II examination.
- (4) No candidate shall be permitted to proceed to the Final examination unless he has:
- (a) passed the Part II examination; and
 - (b) submitted his/her logbook and case reports no later than date prescribed by the Department prior to Part II examination.
- (5) The Part I examination shall be held at the end of the Part I programme of study. The Part II examination shall be held at the end of the Part II programme of study. The Final examination shall be held at the end of the Part III program of study.
- (6) Examination Components and Allocation of Marks
- (a) Part I Examination
 - (i) The components of the Part I examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Paper I – Multiple Choice Questions (MCQ)	50
Component B	Paper II – Short Answer Questions (SAQ)	50
	Grand Total	100

- (ii) Candidate has to satisfy the requirements for other courses registered for this part of the programme.

- (b) Part II Examination

The components of the Part II examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Continuous Assessment	60
Component B	i. Written paper	70
	ii. Clinical/practical and viva voce	70
Component C	Research report and viva voce	100
	Grand Total	300

(c) Final Examination

The components of the Final examination and the marks to be allocated to each component shall be as follows:

Component	Allocation of Marks (Maximum)
(i) Logbook and Continuous Assessment	60
(ii) Practical+/Clinical+/Viva voce	40
Grand Total	100

(7) Examination Assessment

Marking Scheme

- (a) The marks in the examination shall be graded according to the following scheme:

Marks	Grade	Meaning
90-100	A+	Pass with Distinction
80-89	A	Excellent
75-79	A-	
70-74	B+	Good Pass
65-69	B	
60-64	B-	Fail
55-59	C+	
50-54	C	
45-49	C-	
40-44	D+	
35-39	D	
00-34	F	
0	X	Absent from Examination

(b) Fractions during counting of the final mark shall be rounded to the nearest digit.

(c) For the Part I examination:

- (i) candidates who obtained 60-64 marks must attend the viva voce conducted by the related examiner(s); and
- (ii) if the examiner(s) is (are) satisfied with his/hers performance at the viva-voce, the marks will be raised to 65 upon recommendation by the examiners.

(8) Requirements for Passing an Examination

A candidate shall be deemed to have passed the examinations prescribed below if he has obtained:

(a) Part I Examination

65% or more of the marks for each of the Component A and Component B of the Part I examination.

(b) Part II examination

- (i) 65% or more of the aggregate combined marks for Component A, Component B and Component C of this examination;

(ii) 60% or more of the marks for each of the sub Component (i) and (ii) of Component B of this examination; and

(iii) 65% or more of the marks for Component C of this examination

(c) Final Examination

65% or more of the aggregate combined marks for components of this examination.

(9) Repeating an Examination

(a) Part I Re-Examination

(i) A candidate who has failed the Part I examination may be permitted a re-examination on one occasion only after repeating such parts of the course over a period of time as determined by the Committee of Examiners and approved by the Faculty.

(ii) The Part I Re-examination shall consist of the same components and shall be assessed and graded in the same manner as prescribed for the main Part I examination.

(iii) A candidate who fails the Part I re-examination shall be deemed to have failed the Part I examination but shall be permitted, on the recommendation of the Committee of Examiners and with approval of the Faculty of Dentistry, to repeat the Part I of the programme of study.

(iv) A candidate who fails the Part I examination after repeating his/her programme of study shall be terminated from the Master of Clinical Dentistry (Restorative Dentistry in Conservative Dentistry) degree programme and be refused re-admission to the programme.

(b) Part II Re-Examination

(i) (A) A candidate who has failed **Component B and Component C** of the Part II examination may be permitted a re-examination on two occasions after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.

(B) A candidate who has failed either **Component B or Component C** of the Part II examination may be granted a

provisional pass in the component that he/she has passed and be required to re-sit on two occasions, only the component that he/she has failed after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.

- (ii) The Part II **re-examination** shall be assessed and graded in the same manner as prescribed for the main Part II Examination.
 - (iii) A candidate's research report that is deemed unsatisfactorily by the Committee of Examiners may be referred for further work over a period of time to be determined by the Committee of Examiners except that such periods of time as determined, shall not exceed one year on any one occasion. At the end of the prescribed period the candidate shall be required to **re-submit** the research report for re-examination.
 - (iv) A candidate who failed to submit his/her research report by the end of a prescribed period for re-examination or whose research report after re-submission, fails to satisfy the Committee of Examiners, shall be deemed to have failed the re-examination in the research report.
 - (v) A candidate shall not be permitted to submit the research report for re-examination on more than two occasions.
 - (vi) A candidate who fails the Part II re-examination on the second occasion shall be deemed to have failed the Part II examination and shall not be permitted to repeat the programme of study except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of Senate.
- (c) Final Re-Examination
- (i) A candidate who has failed the Final examination may be permitted a repeat examination on one occasion only after repeating such parts of the course over a period of ONE year except in special circumstances on the recommendation of the Faculty of Dentistry and such period of time as determined, shall not exceed one year.
 - (ii) A candidate who has failed the Final re-examination shall be deemed to have failed the Final examination and shall not be permitted to repeat the programme of study except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of the Senate.

- (d) A candidate who has passed the re-examination for the examinations mentioned above shall be deemed to have passed the prescribed examinations.

10. Award of Pass with Distinction for the Examination

A candidate may be awarded a pass with Distinction in the Part I examination, Part II examination or the Final examination if he has:

- (a) Obtained 90% or more of the aggregate combined marks of the components and at least 70% or more of the marks of each component in the prescribed examinations;
- (b) Not failed any component of the prescribed examinations; and;
- (c) Not repeated the prescribed examinations, any component of the prescribed examinations or any part of the programme of study leading to the prescribed examinations, except on medical or compassionate grounds acceptable to the Faculty.

11. Award of the Degree

A candidate may be awarded the degree of Master of Clinical Dentistry (Restorative Dentistry in Conservative Dentistry) if he has:

- (a) passed the Part I, Part II and Final Examination for the degree of Master of Clinical Dentistry (Restorative Dentistry in Conservative Dentistry) as prescribed above; and
- (b) satisfactorily fulfilled the requirements for courses in Information and Communication Technology (ICT); Research Methodology and Biostatistics; and General Dentistry.

12. Award of the Degree with Distinction

A candidate may be awarded the degree of Master of Clinical Dentistry (Restorative Dentistry in Conservative Dentistry) (with Distinction) if he has:

- (a) passed with distinction in the Part II examination, Final examination and obtained at least 70% or more of the marks of each component and it's subcomponent; in the prescribed examinations; and
- (b) Not repeated the Part I examination, Part II examination or the Final examination or any part of the programme of study leading to Part I examination, Part II examination or the Final examination except on medical or compassionate grounds acceptable to the Faculty.

Master of Clinical Dentistry (Restorative Dentistry in Prosthetic Dentistry)

Mode : By Clinical Coursework

1. Program of Study

The Master of Clinical Dentistry (Restorative Dentistry in Prosthetic Dentistry) programme offered is a clinical coursework with one third of the whole programme dedicated to the research component.

2. Admission Requirements

- (1) A Bachelor's degree or an equivalent degree in Dentistry from local and foreign universities and have at least two (2) years post registration clinical experience in dentistry; AND
- (2) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) or registered with the dental regulatory body in another country and eligible to be granted a Temporary Practising Certificate (TPC) by MDC; AND
- (3) Satisfy health and other requirements as required by University of Malaya; AND
- (4) Pass the interview (this is to assess the suitability of candidates under the master clinical programme); AND
- (5) Fulfil the requirements for admission as prescribed by the Faculty; AND
- (6) Fulfils English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the followings):
 - (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
 - (b) Obtained a minimum score of band 6 or band according to program standard in the International English Language System (IELTS); OR

- (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42; OR
- (d) English Language subject at A-level with Grade C and above; OR
- (e) Cambridge English: First (FCE) grade C and above; OR
- (f) Cambridge English: Advance (CAE) Grade C and above; OR
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This programme shall extend over a minimum period of eight (8) semesters and a maximum period of twelve (12) semesters.

4. Structure of Programme of Study

(1) This programme shall consist of THREE parts:

- (a) Part I: comprising instruction in courses over a period of two (2) semesters.
 - (i) Basic Medical Science
 - (ii) General Dentistry;
 - (iii) Information and Communication Technology (ICT), Research Methodology and Biostatistics;
- (b) Part II over a period of five (5) semesters comprising of:
 - (i) Teaching, training and coursework in Restorative Dentistry in Prosthetic Dentistry specialty; and
 - (ii) Research component leading to the submission of research report.
- (c) Part III comprising of a clinical attachment in the specialty option, in the Faculty of Dentistry, University of Malaya or clinical training centre recognized by the University over a period of two (2) semesters.

- (2) The scope of the programme is given in the Course Proforma and Course Information as given by the department carrying out the specialty programme.

5. Course Registration

Registration of courses shall be in a week prior to the commencement of each academic year.

6. Academic Supervision

- (1) The appointment of a supervisor shall be done at a point when a candidate's field of research is approved. Where necessary, the appointment of co-supervisor(s) may be required for the research component.
- (2) The supervisor and co-supervisor for the clinical training shall submit a report on the candidature progress to the Head of Department at the end of each semester.
- (3) The consultant appointed to the candidate shall also submit a report on the candidature clinical progress to the Head of Department at the end of each posting and six months' interval for a posting longer than six months.

7. Field of Research

The determination of field of research shall be done prior to candidate's embarkation on research work.

8. Submissions

- (1) A candidate shall submit his/her research report at least ONE month before the commencement date of Part II examination.
- (2) Notice for the submission of the research report will be given when the candidate submits the title of the research project for approval.
- (3) A candidate shall submit his/her log book and case reports by the date prescribed by the department prior to the examination.

9. Examination

- (1) The examination leading to the degree of Master of Clinical Dentistry (Restorative Dentistry in Prosthetic Dentistry) by clinical coursework shall be the:
 - (a) Part I examination;
 - (b) Part II examination; and
 - (c) Final examination.
- (2) No candidate shall be permitted to sit for the Part I examination unless he/she has attended to the satisfaction of the Faculty, the lectures extending over a period of six months, in Basic Medical Sciences.
- (3) No candidate shall be permitted to sit for the Part II examination unless he has:
 - (a) Passed or been exempted from the Part I examination. A candidate may exempted from the Part I examination if he has passed:
 - (i) the examination for Membership of either:

Membership of the Joint Dental Faculty Royal College of Surgeons of England [MJDF RCS (Eng)]; or

Membership of the Faculty of Dental Surgery Royal College of Surgeons of Edinburgh [MFDS RCS (Edin)]; or

Membership of the Faculty of Dental Surgery Royal College Physician and Surgeons of Glasgow [MFDS RCPS (Glasg)]; or

Membership of the Faculty of Dentistry Royal College of Surgeons in Ireland (MFD RCS (Ire));

OR

 - (ii) the examination of any other colleges that may be approved by the Senate on the recommendation of the Faculty from time to time;

OR

 - (iii) the examination of the Basic Medical Sciences of the University of Malaya.

AND

- (b) Submitted his/her research report and case reports not later than **ONE** month before the Part II examination.

AND

- (c) Obtained at least 65% marks of the continuous assessment component of the Part II examination.
- (4) No candidate shall be permitted to proceed to the Final examination unless he has:
- (a) passed the Part II examination; and
 - (b) submitted his/her log book and case reports for examination not later than **ONE** month before the Final examination.
- (5) The Part I examination shall be held at the end of the Part I programme of study. The Part II examination shall be held at the end of the Part II programme of study. The Final examination shall be held at the end of the Part III program of study.
- (6) Examination Components and Allocation of Marks
- (a) Part I Examination
 - (i) The components of the Part I examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Paper I – Multiple Choice Questions (MCQ)	50
Component B	Paper II – Short Answer Questions (SAQ)	50
	Grand Total	100

- (ii) Candidate has to satisfy the requirements for other courses registered for this part of the programme.

- (b) Part II Examination

The components of the Part II examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Continuous Assessment	60
Component B	i. Written paper ii. Clinical/practical and viva voce	70 70
Component C	Research report and viva voce	100
	Grand Total	300

(c) Final Examination

The components of the Final examination and the marks to be allocated to each component shall be as follows:

Component	Allocation of Marks (Maximum)
(iii) Logbook and Continuous Assessment	60
(iv) Practical+/Clinical+/Viva voce	40
Grand Total	100

(7) Examination Assessment

Marking Scheme

- (a) The marks in the examination shall be graded according to the following scheme:

Marks	Grade	Meaning
90-100	A+	Pass with Distinction
80-89	A	Excellent
75-79	A-	
70-74	B+	Good Pass
65-69	B	
60-64	B-	Fail
55-59	C+	
50-54	C	
45-49	C-	
40-44	D+	
35-39	D	
00-34	F	
0	X	Absent from Examination

(b) Fractions during counting of the final mark shall be rounded to the nearest digit.

(c) For the Part I examination:

- (i) candidates who obtained 60-64 marks must attend the viva voce conducted by the related examiner(s); and
- (ii) if the examiner(s) is (are) satisfied with his/hers performance at the viva-voce, the marks will be raised to 65 to allow him/her to pass the Part I examination.

(8) Requirements for Passing an Examination

A candidate shall be deemed to have passed the examinations prescribed below if he has obtained:

(a) Part I Examination

65% or more of the marks for each of the Component A and Component B of the Part I examination.

(b) Part II examination

- (i) 65% or more of the aggregate combined marks for Component A, Component B and Component C of this examination;

(ii) 60% or more of the marks for each of the sub Component (i) and (ii) of Component B of this examination; and

(iii) 65% or more of the marks for Component C of this examination.

(c) Final Examination

65% or more of the aggregate combined marks for components of this examination.

(9) Repeating an Examination

(a) Part I Re-Examination

(i) A candidate who has failed the Part I examination may be permitted a re-examination on one occasion only after repeating such parts of the course over a period of time as determined by the Committee of Examiners and approved by the Faculty.

(ii) The Part I Re-examination shall consist of the same components and shall be assessed and graded in the same manner as prescribed for the main Part I examination.

(iii) A candidate who fails the Part I re-examination shall be deemed to have failed the Part I examination but shall be permitted, on the recommendation of the Committee of Examiners and with approval of the Faculty of Dentistry, to repeat the Part I of the programme of study.

(iv) A candidate who fails the Part I examination after repeating his/her programme of study shall be terminated from the Master of Clinical Dentistry (Restorative Dentistry in Prosthetic Dentistry) degree programme and be refused re-admission to the programme.

(b) Part II Re-Examination

(i) (A) A candidate who has failed **Component B and Component C** of the Part II examination may be permitted a re-examination on two occasions after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.

(B) A candidate who has failed either **Component B or Component C** of the Part II examination may be granted a

provisional pass in the component that he/she has passed and be required to re-sit on two occasions, only the component that he/she has failed after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.

- (ii) The Part II **re-examination** shall be assessed and graded in the same manner as prescribed for the main Part II Examination.
 - (iii) A candidate's research report that is deemed unsatisfactorily by the Committee of Examiners may be referred for further work over a period of time to be determined by the Committee of Examiners except that such periods of time as determined, shall not exceed one year on any one occasion. At the end of the prescribed period the candidate shall be required to **re-submit** the research report for re-examination.
 - (iv) A candidate who failed to submit his/her research report by the end of a prescribed period for re-examination or whose research report after re-submission, fails to satisfy the Committee of Examiners, shall be deemed to have failed the re-examination in the research report.
 - (v) A candidate shall not be permitted to submit the research report for re-examination on more than two occasions.
 - (vi) A candidate who fails the Part II re-examination on the second occasion shall be deemed to have failed the Part II examination and shall not be permitted to repeat the programme of study except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of Senate.
- (c) Final Re-Examination
- (i) A candidate who has failed the Final examination may be permitted a repeat examination on one occasion only after repeating such parts of the course over a period of ONE year except in special circumstances on the recommendation of the Faculty of Dentistry and such period of time as determined, shall not exceed one year.
 - (ii) A candidate who has failed the Final re-examination shall be deemed to have failed the Final examination and shall not be permitted to repeat the programme of study except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of the Senate.

- (d) A candidate who has passed the re-examination for the examinations mentioned above shall be deemed to have passed the prescribed examinations.

10. Award of Pass with Distinction for the Examination

A candidate may be awarded a pass with Distinction in the Part I examination, Part II examination or the Final examination if he has:

- (a) Obtained 90% or more of the aggregate combined marks of the components and at least 70% or more of the marks of each component in the prescribed examinations;
- (b) Not failed any component of the prescribed examinations; and;
- (c) Not repeated the prescribed examinations, any component of the prescribed examinations or any part of the programme of study leading to the prescribed examinations, except on medical or compassionate grounds acceptable to the Faculty.

11. Award of the Degree

A candidate may be awarded the degree of Master of Clinical Dentistry (Restorative Dentistry in Prosthetic Dentistry) if he has:

- (a) passed the Part I, Part II and Final Examination for the degree of Master of Clinical Dentistry (Restorative Dentistry in Prosthetic Dentistry) as prescribed above; and
- (b) satisfactorily fulfilled the requirements for courses in Information and Communication Technology (ICT); Research Methodology and Biostatistics; and General Dentistry.

12. Award of the Degree with Distinction

A candidate may be awarded the degree of Master of Clinical Dentistry (Restorative Dentistry in Prosthetic Dentistry) (with Distinction) if he has:

- (a) passed with distinction in the Part II examination, Final examination and obtained at least 70% or more of the marks of each component and it's subcomponent; in the prescribed examinations; and
- (b) Not repeated the Part I examination, Part II examination or the Final examination or any part of the programme of study leading to Part I examination, Part II examination or the Final examination except on medical or compassionate grounds acceptable to the Faculty.

Master of Clinical Dentistry (Oral Medicine and Oral Pathology)

Mode : By Clinical Coursework

1. Program of Study

The Master of Clinical Dentistry (Oral Medicine and Oral Pathology) programme offered is a clinical coursework with one third of the whole programme dedicated to the research component.

2. Admission Requirements

- (1) A Bachelor's degree or an equivalent degree in Dentistry from local and foreign universities and have at least two (2) years post registration clinical experience in dentistry; AND
- (2) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) or registered with the dental regulatory body in another country and eligible to be granted a Temporary Practising Certificate (TPC) by MDC; AND
- (3) Satisfy health and other requirements as required by University of Malaya; AND
- (4) Pass the interview (this is to assess the suitability of candidates under the master clinical programme); AND
- (5) Fulfil the requirements for admission as prescribed by the Faculty; AND
- (6) Fulfils English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institutes outside Malaysia (any ONE of the followings):
 - (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
 - (b) Obtained a minimum score of band 6 or band according to program standard in the International English Language System (IELTS); OR
 - (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42; OR

- (d) English Language subject at A-level with Grade C and above; OR
- (e) Cambridge English: First (FCE) grade C and above; OR
- (f) Cambridge English: Advance (CAE) Grade C and above; OR
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This programme shall extend over a minimum period of eight (8) semesters and a maximum period of twelve (12) semesters.

4. Structure of Programme of Study

- (1) This programme shall consist of THREE parts:
 - (a) Part I: comprising instruction in courses over a period of two (2) semesters.
 - (i) Basic Medical Science
 - (ii) General Dentistry;
 - (iii) Information and Communication Technology (ICT), Research Methodology and Biostatistics;
 - (b) Part II over a period of five (5) semesters comprising of:
 - (i) Training in the Oral Medicine and Oral Pathology specialty; and
 - (ii) Research component in the specialty option leading to the submission of research report.
 - (c) Part III comprising of a clinical attachment in the specialty option, in the Faculty of Dentistry, University of Malaya or clinical training centre recognized by the University over a period of two (2) semesters.
- (2) The scope of the programme is given in the Course Proforma and Course Information as given by the department carrying out the specialty programme.

5. Course Registration

Registration of courses shall be in a week prior to the commencement of each academic year.

6. Academic Supervision

- (1) The appointment of a supervisor shall be done in the beginning of the course of the study. Where necessary, the appointment of co-supervisor(s) may be required for the research component.
- (2) The coordinator(s) for the clinical training shall submit a report on the candidate's progress to the Head of Department at the end of each semester.
- (3) The consultant appointed to the candidate shall also submit a report on the candidate's clinical progress to the Head of Department at the end of each posting and six months' interval for a posting longer than six months.

7. Field of Research

The determination of field of research shall be done prior to candidate's embarkation on research work.

8. Submissions

- (1) A candidate shall submit his/her research report at least ONE month before the commencement date of Part II examination.
- (2) Notice for the submission of the research report will be given when the candidate submits the title of the research project for approval.
- (3) A candidate shall submit his/her log book and case reports by the date prescribed by the department prior to the examination.

9. Examination

- (1) The examinations leading to the degree of Master of Clinical Dentistry (OMOP) by clinical coursework shall be the:
 - (a) Part I examination;

- (b) Part II examination; and
 - (c) Final examination.
- (2) No candidate shall be permitted to sit for the Part I examination unless he/she has attended to the satisfaction of the Faculty, the lectures extending over a period of two (2) semesters, in Basic Medical Sciences.
- (3) No candidate shall be permitted to sit for the Part II examination unless he/she has:
- (a) passed or been exempted from the Part I examination. A candidate may be exempted from the Part I examination if he/she has passed:
 - (i) the examination for Membership of either:

Membership of the Joint Dental Faculty Royal College of Surgeons of England [MJDF RCS (England)]; or

Membership of the Faculty of Dental Surgery Royal College of Surgeons of Edinburgh [MFDS RCS (Edinburgh)]; or

Membership of the Faculty of Dental Surgery Royal College of Physicians and Surgeons of Glasgow [MFDS RCPS (Glasgow)]; or

Membership of the Faculty of Dentistry Royal College of Surgeons in Ireland (MFD RCS (Ireland));

Fellowship in General Dental Practice, Royal Australasian College of Dental Surgeons (FRACDS)

OR

- (ii) the examination of any other colleges that may be approved by the Senate on the recommendation of the Faculty from time to time;

OR

- (iii) the examination of the Basic Medical Sciences of the University of Malaya.

AND

- (b) submitted his/her research report not later than **ONE** month before the Part II examination.

AND

- (c) obtained at least 45% marks of the continuous assessment component of the Part II examination.
- (4) No candidate shall be permitted to proceed to the Final examination unless he/she has:
 - (a) passed the Part II examination; and
 - (b) submitted his/her log book for examination not later than **ONE** month before the Final examination.
- (5) The Part I examination shall be held during the Part I programme of study. The Part II examination shall be held at the end of the Part II programme of study. The Final examination shall be held at the end of the Part III program of study.
- (6) Examination Components and Allocation of Marks
 - (a) Part I Examination

The components of the Part I examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Paper I – Multiple Choice Questions (MCQ)	50
Component B	Paper II – Short Answer Questions (SAQ)	50
	Grand Total	100

Candidate has to satisfy the requirements for other courses registered for this part of the programme.

- (b) Part II Examination

The components of the Part II examination and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
Component A	Continuous Assessment	50
Component B	i. Written paper	50
	ii. Clinical and viva voce	50
	iii. Diagnostic Histopathology	50
Component C	Research report and viva voce	100
	Grand Total	300

(c) Final Examination

The components of the Final examination and the marks to be allocated to each component shall be as follows:

Component	Allocation of Marks (Maximum)
(i) Logbook and Continuous Assessment	60
(ii) Practical+ /Clinical+ /Viva voce	40
Grand Total	100

(7) Examination Assessment

Marking Scheme

- (a) The marks in the examination shall be graded according to the following scheme:

Marks	Grade	Meaning
90-100	A+	Pass with Distinction
80-89	A	Excellent
75-79	A-	
70-74	B+	
65-69	B	Good Pass
60-64	B-	
55-59	C+	
50-54	C	Fail
45-49	C-	
40-44	D+	
35-39	D	
00-34	F	
0	X	Absent from Examination

(b) Fractions during counting of the final mark shall be rounded to the nearest digit.

(c) For the Part I examination:

(i) candidates who obtained 60-64 marks must attend the viva voce conducted by the related examiner(s); and

(ii) if the examiner(s) is (are) satisfied with his/her performance at the viva-voce, the marks will be raised to 65 marks to allow him/her to pass the Part I examination.

(8) Requirements for Passing an Examination

A candidate shall be deemed to have passed the examinations prescribed below if he/she has obtained:

(a) Part I Examination

65% or more of the marks for each of the Component A and Component B of the Part I examination.

(b) Part II examination

(i) 65% or more of the aggregate combined marks for Component A, Component B and Component C of this examination;

(ii) 60% or more of the marks for each of the subcomponents (i), (ii) and (iii) of Component B of this examination; and

(iii) 65% or more of the marks for Component C of this examination.

(c) Final Examination

65% or more of the aggregate combined marks for components of this examination.

(9) Repeating an Examination

(a) Part I Re-Examination

(i) A candidate who has failed the Part I examination may be permitted a repeat examination on one occasion only after repeating such parts of the course over a period of time as determined by the Committee of Examiners and approved by the Faculty.

- (ii) The Part I Re-examination shall consist of the same components and shall be assessed and graded in the same manner as prescribed for the main Part I examination.
- (iii) A candidate who has failed the Part I re-examination shall be deemed to have failed the Part I examination but shall be permitted, on the recommendation of the Committee of Examiners and with approval of the Faculty of Dentistry, to repeat the Part I of the programme of study.
- (iv) A candidate who fails the Part I examination after repeating his/her programme of study shall be terminated from the Master of Clinical Dentistry (OMOP) degree programme and be refused re-admission to the programme.

(b) Part II Re-Examination

- (i) A candidate who has failed **Component B and Component C** of the Part II examination may be permitted a re-examination on two occasions after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.

A candidate who has failed either **Component B or Component C** of the Part II examination may be granted a provisional pass in the component that he/she has passed and be required to re-sit on two occasions, only the component that he/she has failed after repeating such parts of the course over a period of time as may be determined by the Committee of Examiners and approved by the Faculty.

- (ii) The Part II **re-examination** shall be assessed and graded in the same manner as prescribed for the main Part II Examination.
- (iii) A candidate's research report that is deemed unsatisfactory by the Committee of Examiners may be referred for further work over a period of time to be determined by the Committee of Examiners except that such periods of time as determined, shall not exceed one year on any one occasion. At the end of the prescribed period the candidate shall be required to **re-submit** the research report for re-examination.
- (iv) A candidate who failed to submit his/her research report by the end of a prescribed period for re-examination or whose research report after re-submission, fails to satisfy the Committee of

Examiners, shall be deemed to have failed the re-examination in the research report.

- (v) A candidate shall not be permitted to submit the research report for re-examination on more than two occasions.
- (vi) A candidate who fails the Part II re-examination on the second occasion shall be deemed to have failed the Part II examination and shall not be permitted to repeat the programme of study except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of Senate.

(c) Final Re-Examination

- (i) A candidate who has failed the Final examination may be permitted a repeat examination on one occasion only after repeating such parts of the course over a period of ONE year except in special circumstances on the recommendation of the Faculty of Dentistry and such period of time as determined, shall not exceed one year.
 - (ii) A candidate who has failed the Final re-examination shall be deemed to have failed the Final examination and shall not be permitted to repeat the programme of study except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of the Senate.
- (d) A candidate who has passed the re-examination for the examinations mentioned above shall be deemed to have passed the prescribed examinations.

10. Award of Pass with Distinction for the Examination

A candidate may be awarded a pass with Distinction in the Part I examination, Part II examination or the Final examination if he/she has:

- i. Obtained 90% or more of the aggregate combined marks of the components and at least 70% or more of the marks of each component in the prescribed examinations;
- ii. Not failed any component of the prescribed examinations; and;
- iii. Not repeated the prescribed examinations, any component of the prescribed examinations or any part of the programme of study leading to

the prescribed examinations, except on medical or compassionate grounds acceptable to the Faculty.

11. Award of the Degree

A candidate may be awarded the degree of Master of Clinical Dentistry (OMOP) if he/she has:

- (a) passed the Part I, Part II and Final Examination for the degree of Master of Clinical Dentistry (OMOP) as prescribed above; and
- (b) satisfactorily fulfilled the requirements of the courses in Information and Communication Technology (ICT); Research Methodology and Biostatistics; and General Dentistry.

12. Award of the Degree with Distinction

A candidate may be awarded the degree of Master of Clinical Dentistry (OMOP) (with Distinction) if he/she has:

- i. passed with distinction in the Part II examination and Final examination and obtained at least 70% or more of the marks of each component and its subcomponents in the prescribed examinations; and
- ii. not repeated the Part I examination, Part II examination or the Final examination or any part of the programme of study leading to Part I examination, Part II examination or the Final examination except on medical or compassionate grounds acceptable to the Faculty.

1. Program Classification

This master's degree programme by coursework is 42 credits; 33 credits (80%) coursework and 9 credits (20%) research component. This is a one year fulltime course comprising 2 semesters and one special semester. The maximum period of candidature is 8 semester and 4 special semesters.

2. Admission Requirements

- (1) A Bachelor's degree or an equivalent degree in Dentistry from local and foreign universities and have at least two (2) years post registration clinical experience in dentistry; AND
- (2) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) or registered with the dental regulatory body in another country and eligible to be granted a Temporary Practising Certificate (TPC) by MDC; AND
- (3) Satisfy health and other requirements as required by University of Malaya; AND
- (4) Pass the interview (this is to assess the suitability of candidates under the master clinical programme); AND
- (5) Fulfil the requirements for admission as prescribed by the Faculty; AND
- (6) Fulfils English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the followings):
 - (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
 - (b) Obtained a minimum score of band 6 or band according to program standard in the International English Language System (IELTS); OR
 - (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42; OR
 - (d) English Language subject at A-level with Grade C and above; OR

- (e) Cambridge English: First (FCE) grade C and above; OR
- (f) Cambridge English: Advance (CAE) Grade C and above; OR
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This programme shall extend over a minimum period of two (2) semesters + one (1) special semester and a maximum period of eight (8) semesters + four (4) special semesters.

4. Structure of Programme of Study

- (1) This programme comprises of nine (9) core courses and two (2) elective course, and a research project.
 - (a) Core Courses: Six (6) courses to be successfully completed and passed in the first semester, and three (3) courses to be successfully completed and passed in the second semester.
 - (b) Elective Courses: Two (2) elective courses are to be taken with the Master of Public Health candidates of Department of Social and Preventive Medicine, Faculty of Medicine, UM. These elective course are to be successfully completed and passed in the second semester.
 - (c) Research Project: The research project is taken in the first semester up to the second semester.
- (2) The details of each of this programme's courses are given in the Course Proforma and Course Information as given by the Department.

5. Course Registration

The registration for courses shall be in a week prior to the commencement of each academic year.

6. Research Supervision

- (1) The appointment of a supervisor shall be done at a point a candidate's field of research is approved.
- (2) Where necessary, the appointment of co-supervisor(s) and/or consultant(s) may be done.

7. Field of Research

The determination of field of research shall be done prior to a candidate's embarkation on research work.

8. Submissions

- (1) A candidate shall submit his/her research report at least ONE month before the commencement of the examination date.
- (2) Notice for the submission of the research report will be given when the candidate submits the title of the research project for approval.

9. Examination

- (1) The assessment for the examination for the coursework component shall be based on the following grading scheme stipulated in the following regulation:

University of Malaya Rules and Regulations (Master's Degree) 2014.

- (2) Candidates' assessment methods consist of formative and summative components and are described as below. These assessments represent the integrated assessment of the candidates' cognitive, psychomotor and effective aspects. The formative assessments include the following:

Formative assessments

These are on-going assessments for all the courses which comprise

- (i) Question & Answer sessions
- (ii) Quizzes

- (iii) Continuous feedback by supervisor based on candidate's progress with regards to time; skills development, independent work and direction of research
- (iv) Assignments and Report on comparative study of oral health systems
- (v) Practical exercises
- (vi) Presentations

Summative Assessments

Summative assessment for each course in this programme consists of two components which are:

- (i) Viva, research report, or
- (ii) Final examination

Each course in the Master or Community Oral Health programme has its own weightage of each of these two types of assessments as shown below.

DQD 7001 – Research Methodology in Health Systems

- Continuous Assessment contributes 50% (assignments)
- Final examination contributes 50%
- Final result will either be PASS or FAIL with GRADES

DQD 7002 – Research Project

- Final examination contributes 100% (research report and viva voce)
- Final result will either be PASS or FAIL with GRADES

DQD 7003 – Fundamentals of Dental Public health and Primary Health Care

- Continuous Assessment contributes 50%(assignments)
- Final examination contributes 50%
- Final result will either be PASS or FAIL with GRADES

DQD 7004 – Social and Behavioural Science in Dentistry

- Continuous Assessment contributes 50% (case study report and oral presentation)
- Final examination contributes 50%
- Final result will either be PASS or FAIL with GRADES

DQD 7005 – Health Promotion

- Continuous Assessment contributes 50% (assignments and oral presentation)
- Final examination contributes 50%
- Final result will either be PASS or FAIL with GRADES

DQD 7006 – Epidemiology of Oral Conditions

- Continuous Assessment contributes 50% (assignments)
- Final examination contributes 50%
- Final result will either be PASS or FAIL with GRADES

DQD 7007 – Preventive Dentistry

- Continuous Assessment contributes 50% (assignments)
- Final examination contributes 50%
- Final result will either be PASS or FAIL with GRADES

DQD 7008 – Jurisprudence and Professional Ethics

- Continuous Assessment contributes 50% (assignments)
- Final examination contributes 50%
- Final result will either be PASS or FAIL with GRADES

DQD 7009 – Administration in Dental Public Health and Updates in Dentistry

- Continuous Assessment contributes 100% (Test, assignments and seminar presentation)
- Final result will either be PASS or FAIL with GRADES

DQD 7010 – Comparative Study of the Oral Health Care Delivery Systems

- Continuous Assessment contributes 100% (field visit & outbound written report and Seminar Presentation)
- Final result will either be PASS or FAIL with GRADES

Elective Courses from SPM Dept

MQB 7006 – Principles of Biostatistics,
MQB 7029 – Management in Health,
MQB 7010 – Epidemiology of Diseases in Malaysia,
MQB 7026 – Public Health Nutrition,
MQB 7012 – Producing Better Evidence,
MQB 7014 – Health Economics,

MQB 7027 – Qualitative Inquiry in Public Health,
 MQB 7016 – Women, Child and Adolescent Health,
 MQB 7035 – Occupational Health,
 MQB 7028 – Health Risk Assessment,
 MQB 7033 – Social Determinants of Health,
 MQB 7037 – Medical Surveillance and Fitness for Work.

- Continuous Assessment contributes 50% (assignments, practical exercises, seminars)
- Final examination contributes 50% (written examination, research proposal)
- Final result will either be PASS or FAIL with GRADES

(3) Grading Scheme

Marks	Grade	Meaning
90-100	A+	Pass with Distinction
80-89	A	Excellent
75-79	A-	
70-74	B+	Good Pass
65-69	B	
60-64	B-	Fail
55-59	C+	
50-54	C	
45-49	C-	
40-44	D+	
35-39	D	
00-34	F	
0	X	Absent from Examination

(4) Minimum Requirements of Study

To fulfill the minimum requirements of study at the University, the candidate:

- (a) must obtain a GPA and CGPA of not less than 3.00 in every semester until the completion of his/her studies.
- (b) the Faculty shall determine before the first semester in any academic session and inform the candidate early, the courses for which it is compulsory to pass with specific minimum grades.
- (c) for any courses for which it is compulsory to pass with a specific minimum grade, a candidate shall repeat any course with a grade less than the minimum grade so as to obtain the required minimum grade

within the maximum period of his/her candidature. A candidate who obtains a grade less than the minimum pass grade after three attempts for a course for which it is required to obtain shall be terminated from his/her programme of study.

(5) Academic Probationary Period

Any candidate with a GPA below 3.00 in any semester shall be given Probation and placed under an Academic Probationary Period in the following normal semester. The Period shall continue until the candidate has achieved a GPA of 3.00.

When a candidate has been placed under an Academic Probationary Period in any semester, the Dean of the Faculty shall issue a warning to the candidate and inform him/her of the status of his/her progress. The warning must contain a clear statement of what is deemed as satisfactory progress and what the candidate is required to do to achieve it.

(6) Failed and Terminated

A candidate may be terminated from his/her programme of study if:

- (a) He/she does not achieve, after three attempts, at least the minimum pass grade for the course for which the Faculty has made compulsory to obtain in order to pass;
- (b) He/she has obtained a GPA of less than 3.00 but more than 2.00 for three consecutive normal semesters.
- (c) He/she has obtained a GPA of less than 2.00 in two consecutive normal semesters.

Any candidate readmitted after having failed and terminated and obtains an academic performance which is less than satisfactory and is deemed as failed and terminated under these regulations, may be terminated from his/her programme of study.

10. Award of the Degree

A candidate may be awarded the degree of Master of Community Oral Health if he has:

- (a) achieved a final CGPA of 3.0 and above; and
- (b) complete 42 credits as prescribed for the programme; and
- (c) fulfil the language requirements prescribed for the programme; and

- (d) fulfil other requirements of the Faculty and/or University.

11. Award of the Degree with Distinction

A candidate may be awarded the degree of Master of Community Oral Health (with Distinction) if he has:

- (a) achieved a final CGPA of 3.7 and above; and
- (b) never failed any course;
- (c) never repeated any course for the purpose of improving his/her grade for the course throughout the duration of the programme; and
- (d) completed his/her study within the designated period.

1. Program of Study

The Master of Dental Science programme offered is a research programme in which the research component comprises 100% of the whole programme of study.

2. Admission Requirements

- (1) The Minimum Qualifications for Admission:
A Bachelor's Degree with honours in Dentistry and any Science discipline.
- (2) Other Requirement:
A candidate may be required to pass an assessment for admission which has been decided by the Faculty
- (3) English Language Requirements:

Fulfil English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the followings):

- (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
- (b) Obtained a minimum score of band 6 or band according to program standard in the International English Language System (IELTS); OR
- (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42; OR
- (d) English Language subject at A-level with Grade C and above; OR
- (e) Cambridge English: First (FCE) grade C and above; OR
- (f) Cambridge English: Advance (CAE) Grade C and above; OR
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This programme shall extend over a minimum period of two (2) semesters and a maximum period of eight (8) semesters.

4. Structure of Programme of Study

- (1) This programme is a research programme leading to the submission of a dissertation and the format is as provided in the University of Malaya (Master's Degree) Rules and Regulations 2014.
- (2) However, a candidate has to attend the programme compulsory course which is the Information and Communication Technology (ICT), Research Methodology and Biostatistics course (DXGW6171)
 - (a) A candidate shall attend all classes. Any candidate with **less than 80%** of class attendance for this course without any acceptable reasons or without obtaining prior approval from the lecturer concerned may be barred from sitting the final assessment for this course.
 - (b) A candidate shall pass all assessments given for this course.
 - (c) Any candidate who fail to meet the requirements prescribed above, either (a) or (b); or fail both (a) and (b) requirements, are required to re-register for the course or re-sit for the assessment(s), which ever applicable to the candidate as required by the lecturer concerned.

5. Course Registration

A candidate for a Master's degree by dissertation may register for the programme of study at any time but not later than six months from the date the offer of admission is made.

6. Research Supervision

- (1) Research programmes are regulated by the Supervision Policy for Postgraduate Candidates of the University of Malaya 2014.
- (2) The appointment of a supervisor shall be done at a point a candidate's field of research is approved.

- (3) Where necessary, the appointment of co-supervisor(s) and/or consultant(s) may be done.
- (4) The supervisor and co-supervisor shall be appointed at the time specified in the relevant Schedule to these Regulations for the particular programme of study. The consultant shall be appointed at the same time as the appointment of the supervisor or such other time to the Dean who shall then forward it to the Faculty.
- (5) The supervisor, co-supervisor and consultant appointed for a candidate of Master of Dental Science programme shall submit a periodic progress on the candidate each semester to the Dean who shall then forward it to the Faculty.
- (6) A candidate whose progress is not satisfactory may have his/her candidature terminated by the Senate.

7. Field of Research

- (1) The Faculty shall approve the field of research for a dissertation of a candidate as specified in the relevant Schedule to these regulations for the particular programme of study.
- (2) The title of a dissertation shall be submitted to the Faculty for approval when the candidate gives notice for submission of his/her dissertation under the regulation of these Regulations.

8. Submissions

- (1) The dissertation shall be written in English.
- (2) A candidate shall give at least three months' notice in writing to the Registrar of his/her intention to submit his/her dissertation for examination.

9. Examination

A dissertation shall be examined, assessed and

- (a) awarded a Pass with Distinction, Pass, or Fail; OR
- (b) referred for corrections without re-examination; OR
- (c) referred for future work and be submitted for re-examination.

Marks, grade and credit shall not be awarded in the examination of a dissertation.

10. Award of Pass with Distinction for the Examination

A dissertation may be awarded a Pass with Distinction if:

- (a) it is recommended for a Pass with Distinction in the reports of the examiners(s);
- (b) it is recommended for a Pass with Distinction by the Committee of Examiners;
- (c) it is completed and submitted by the candidate for examination during a period not exceeding four semesters from the initial date of registration of the candidate; and
- (d) it has not been submitted for re-examination.

11. Award of the Degree

For the purposes of graduation, a candidate must

- (a) attain a pass in his/her dissertation examination;
- (b) is conducted or required, pass the viva voce and other tests that are prescribed;
- (c) fulfil other requirements as prescribed by the Faculty for his/her Master of Dental Science programme; and
- (d) fulfil the language requirements for his/her Master of Dental Science programme

12. Award of the Degree with Distinction

A candidate may be awarded the degree of Master of Dental Science (with Distinction) if he has:

- (a) fulfil the requirements for graduation mentioned; and
- (b) submitted a dissertation that is recommended for a Pass with Distinction by the Committee of Examiners.

Graduate on Time (GOT) Schedule for Masters by Research Candidates

Semester	Activities	Output/Milestone	Comments
1.	<ul style="list-style-type: none"> Attend Research Methodology Course Attend Bahasa Melayu course* Attend English language course** Familiarization with and use of EndNote, Turnitin, editing software, data analysis and research tools Attend GOT seminar Conduct Literature Review Proposal Defence 	<ul style="list-style-type: none"> Completed Research Methodology course Fulfilment of language requirements Presented research proposal 	
2.	<ul style="list-style-type: none"> Expand research proposal to drafts of chapter 1, 2 & 3 Conduct pilot study/ planning & setting up of experiment/ start data collection Begin data analysis Attend at least 2 courses in Upskill Program Prepare and present Candidature Defence Prepare for Publication 1 	<ul style="list-style-type: none"> Completed outline of dissertation Submission of Publication 1 Completed Candidature Defence 	
3.	<ul style="list-style-type: none"> Finalise chapters 1, 2 & 3 Finalise data analysis Begin chapter 4 & 5 Attend at least 1 courses in Upskill Program Submit 3 Months Notice 	<ul style="list-style-type: none"> Completed chapters 1, 2 & 3 Draft of chapters 4 & 5 	
4.	<ul style="list-style-type: none"> Attend Thesis Bootcamp Finalize and submit dissertation Committee of Examiners meeting 	<ul style="list-style-type: none"> Submission of dissertation Outcome of Committee of Examiners meeting. 	

Notes:

Monitoring Panel

- Chairman & 1 member who is an expert in the field and a supervisor. A fourth member is allowed to be appointed if necessary.
- The same panel should follow through the proposal presentation and Candidature Defence
- It is strongly recommended that one member is appointed as internal examiner.
- The main responsibilities of the panel should include the following:-
 - Advise the student to improve the research proposal.
 - Monitor the progress of the student
 - Improve the thesis plan.

* Applicable to all international candidates.

** Applicable to international candidates who are writing their dissertation in languages other than English.

Doctor of Philosophy (PhD)

Mode : By Research

1. Program Classification

The Doctor of Philosophy programme offered is a research programme in which the research component comprises 100% of the whole programme of study.

2. Admission Requirements

(1) The minimum qualifications for admission:

- (a) A Master's Degree with Honours/Distinction in Dentistry, Medicine or any Science discipline; OR
- (b) A Bachelor's Degree with Honours in Dentistry and any science discipline; AND
- (c) Evidence of adequate training and ability to undertake the degree programme of study.

Admission by a person who possesses a Bachelor's degree with distinction (CGPA 3.7 and above or equivalent), subject to monitoring of the candidate's progress and a presentation of candidate's research progress in one semester at a seminar within two semesters from the date of initial registration.

(2) English Language Requirements:

Fulfil English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the followings):

- (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
- (b) Obtained a minimum score of band 6 or band according to program standard in the International English Language System (IELTS); OR
- (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42; OR
- (d) English Language subject at A-level with Grade C and above; OR

- (e) Cambridge English: First (FCE) grade C and above; OR
- (f) Cambridge English: Advance (CAE) Grade C and above; OR
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This programme of study shall extend over a minimum period of four (4) semesters and a maximum period of twelve (12) semesters.

4. Structure of Programme of Study

- (1) This programme is a research programme leading to the submission of a thesis and the format is as provided in the University of Malaya (Doctorate's Degree) Rules and Regulations 2017.
- (2) However, a candidate has to attend the programme compulsory course which is the Information and Communication Technology (ICT), Research Methodology and Biostatistics course (DVX8001)
 - (a) A candidate shall attend all classes. Any candidate **with less than 80%** of class attendance for this course without any acceptable reasons or without obtaining prior approval from the lecturer concerned may be barred from sitting the final assessment for this course.
 - (b) A candidate shall pass all assessments given for this course.
 - (c) Any candidate who fail to meet the requirements prescribed above, either (a) or (b); or fail both (a) and (b) requirements, are required to re-register for the course or re-sit for the assessment(s), which ever applicable to the candidate as required by the lecturer concerned.

5. Course Registration

A candidate for a Doctor of Philosophy by research may register for the programme of study at any time but not later than six months from the date the offer of admission is made.

6. Research Supervision

- (1) Research programmes are regulated by the Supervision Policy for Postgraduate Candidates of the University of Malaya 2014.
- (2) The appointment of a supervisor shall be done at a point a candidate's field of research is approved.
- (3) Where necessary, the appointment of co-supervisor(s) and/or consultant(s) may be done.
- (4) The supervisor and co-supervisor shall be appointed at the time specified in the relevant Schedule to these Regulations for the particular programme of study. The consultant shall be appointed at the same time as the appointment of the supervisor or such other time to the Dean who shall then forward it to the Faculty.
- (5) The supervisor, co-supervisor and consultant appointed for a candidate of Doctor of Philosophy programme shall submit a periodic progress on the candidate each semester to the Dean who shall then forward it to the Faculty.
- (6) A candidate whose progress is not satisfactory may have his/her candidature terminated by the Senate.

7. Field of Research

- (1) The Faculty shall approve the field of research for a thesis of a candidate as specified in the relevant Schedule to these regulations for the particular programme of study.
- (2) The title of a thesis shall be submitted to the Faculty for approval when the candidate gives notice for submission of his/her thesis under the regulation of these Regulations.

8. Submissions

- (1) The thesis shall be written in English.
- (2) A candidate shall give at least three months' notice in writing to the Registrar of his/her intention to submit his/her thesis for examination.

9. Examination

A thesis shall be examined, assessed and

- (a) awarded a Pass with Distinction, Pass, or Fail; OR
- (b) referred for corrections without re-examination; OR
- (c) referred for future work and be submitted for re-examination.

Marks, grade and credit shall not be awarded in the examination of a thesis.

10. Award of Pass with Distinction for the Examination

A thesis may be awarded a Pass with Distinction if:

- (a) it is recommended for a Pass with Distinction in the reports of the examiners(s);
- (b) it is recommended for a Pass with Distinction by the Committee of Examiners;
- (c) it is completed and submitted by the candidate for examination during a period not exceeding six semesters from the initial date of registration of the candidate; and
- (d) it has not been submitted for re-examination.

11. Award of the Degree

For the purposes of graduation, a candidate must

- (a) attain a pass in his/her thesis examination;
- (b) pass the viva voce;
- (c) fulfil other requirements as prescribed by the Faculty for his/her Doctor of Philosophy programme; and
- (d) fulfil the language requirements for his/her Doctor of Philosophy programme

12. Award of the Degree with Distinction

A candidate may be awarded the degree of Doctor of Philosophy (with Distinction) if he has:

- (a) fulfil the requirements for graduation mentioned; and
- (b) submitted a thesis that is recommended for a Pass with Distinction by the Committee of Examiners.

Graduate on Time Schedule
Major Administrative and Regulatory Milestones for PhD Candidates
(Conventional PhD)
(Sciences)

Semester	Activities	Output/Milestone	Comments
1.	<ul style="list-style-type: none"> Attend Research Methodology Course Attend Bahasa Melayu course* Attend English language course** Familiarization with and use of EndNote, Turnitin, editing software, data analysis and research tools Conduct Literature Review Proposal Defence 	<ul style="list-style-type: none"> Completed Research Methodology course Fulfilment of language requirements Presented research proposal 	
2.	<ul style="list-style-type: none"> Complete Literature Review Conduct pilot study/ planning & setting up of experiment/ start data collection Attend at least 3 courses in Upskill Program (including GOT seminar) Prepare for Candidature Defence 	<ul style="list-style-type: none"> Literature Review Thesis Plan/Outline of Thesis Submission of Publication 1 (review paper / experimental design) 	<ul style="list-style-type: none"> Candidates are strongly advised to use reference management software Eg: Mendeley, Bibtex, EndNote
3.	<ul style="list-style-type: none"> Investigation and development of the proposed solutions. Data analysis Candidature Defence report writing Attend at least 2 courses in Upskill Program Candidature Defence 	<ul style="list-style-type: none"> Completed Candidature Defence 	<ul style="list-style-type: none"> Candidature Defence report should include data collection, findings, thesis outline
4.	<ul style="list-style-type: none"> Experimentation and/or data analysis Thesis write-up (Chapter 1, 2 & 3) Preparation of manuscripts for submission of publication Attend at least 2 courses in Upskill Program 	<ul style="list-style-type: none"> Submission of Publication 2 Completed drafts of three chapters 	
5.	<ul style="list-style-type: none"> Thesis write-up (complete remaining chapters) Presentation of Thesis Seminar Submit 3 Months Notice for thesis submission Attend Thesis Bootcamp 	<ul style="list-style-type: none"> Completed thesis draft Presented Thesis Seminar 	
6.	<ul style="list-style-type: none"> Finalize and submit thesis Prepare for viva voce 	<ul style="list-style-type: none"> Submission of thesis Viva voce 	

Notes:

Monitoring Panel

- Chairman & 1 member who is an expert in the field and a supervisor. A fourth member is allowed to be appointed if necessary.
- The same panel should follow through the proposal presentation (seminar 1, Candidature Defence and thesis seminar (seminar 2)).
- It is strongly recommended that one member is appointed as internal examiner.
- The main responsibilities of the panel should include the following:-
 - Advise the student to improve the research proposal.
 - Monitor the progress of the student
 - Improve the thesis plan.

* Applicable to all international candidates.

** Applicable to international candidates who are writing their theses in languages other than English.

1. Program Classification

The Doctorate's Degree program is a three-year fulltime program by coursework and research with a total of 86 credits; Part I: 22 credits of coursework and Part II: 64 credits of research. The coursework will be taught in the first 3 semesters with the internship course will be conducted in the special semester of the first year. The research component will begin from semester 3 to semester 6 of the program.

2. Admission Requirements

- (1) Master of Community Oral Health, University of Malaya with a minimum CGPA of 3.0, or equivalent recognized qualifications approved by the Senate.

- (2) Other Requirement:
Candidate with qualifications other than the Master of Community Oral Health, University of Malaya must pass an entrance test, interview and fulfil other requirements set by the department from time to time.

- (3) English Language Requirements:

Fulfil English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the followings):

- (a) Obtained a minimum score of 600 (Paper Based Test); or score of 250 (computer based-test) or score of 100 (internet test) in the Test of English as a Foreign Language (TOEFL); OR
- (b) Obtain a Band 6 for each component of the International English Language Testing System (IELTS); OR
- (c) Pearson Test of Academic English (PTE Academic) with minimum score of 42; OR
- (d) English Language subject at A-level with Grade C and above; OR
- (e) Cambridge English: First (FCE) grade C and above; OR

- (f) Cambridge English: Advance (CAE) Grade C and above; OR
- (g) Cambridge English: Proficiency (CPE) Grade C and above; OR
- (h) Malaysian University English Test (MUET) with minimal band 5

3. Duration of Study

This program shall extend over a minimum period of six (6) semesters and a maximum period of twelve (12) semesters.

4. Structure of Programme of Study

- (1) This program comprises five (5) core courses and one (1) elective course, and a research project.
 - (a) Core Courses: Three (3) faculty's core courses, one (1) core course from the Department of Social and Preventive Medicine, UM and an internship training will have to be completed and passed with a GPA of at least 3.0 each in the first year of study (semester I, semester II and special semester)
 - (b) Elective Course: One (1) elective course will have to be taken along with the candidates of the Department of Social and Preventive Medicine, Faculty of Medicine, UM. The elective course will have to be successfully completed and passed in the second semester with a GPA of 3.0 or above.
- (2) The details of each of the course are described in the student's handbook provided by the Department.

5. Course Registration

The registration for courses shall be in a week prior to the commencement of each academic year.

6. Research Supervision

- (1) The research component is regulated by the Supervision Policy for Postgraduate Candidates of the University of Malaya 2014.

- (2) The appointment of a supervisor and co-supervisor(s) shall be done at a point a candidate's field of research is approved.
- (3) Where necessary, the appointment of a consultant(s) may be done.
- (4) The supervisor and co-supervisor(s) shall be appointed at the time specified in the relevant Schedule to these Regulations for the particular program of study. The consultant shall be appointed at the same time as the appointment of the supervisor or such other time as agreed by the Dean who shall then forward it to the Faculty.
- (5) The supervisor, co-supervisor(s) and consultant appointed for a candidate of Doctor of Dental Public Health program shall submit a periodic progress on the candidate in each semester to the Dean who shall then forward it to the Faculty.
- (6) A candidate whose progress is not satisfactory may have his/her candidature terminated by the Senate.

7. Field of Research

The determination of field of research shall be done prior to a candidate's embarkation on the research work.

8. Submission of Research Dissertation

- (1) The thesis shall be written in English.
- (2) A candidate shall give at least three months' notice in writing to the Registrar of their intention to submit the thesis for examination.

9. Examination

- (1) The assessment of the dissertation shall be done by ONE (1) internal and ONE (1) external examiner through examination of the thesis and viva voce. Marks and grades will not be given in the thesis examination.
- (2) The examiners may award the following to the candidate:
 - (a) Excellent thesis subject to the rules set out in the Regulation;
 - (b) A pass without having to make amendments / corrections;

- (c) A minor correction to be done within a period not exceeding THREE (3) months and certified by the Supervisor;
 - (d) A major correction to be done not exceeding SIX (6) months and endorsed by the Supervisor and Internal Examiner;
 - (e) Requirement to conduct further research and submit thesis for re-examination within SIX (6) to TWELVE (12) months from the date of the Senate;
 - (f) Has not achieved academic merit in the thesis examination of a Doctoral Degree and is recommended to the Senate a Master degree;
 - (g) Does not reach academic merits and recommend to the Senate that the candidate has failed in the examination of the thesis and is not allowed to submit the thesis for the re-examination.
- (3) The assessment for the examination for the coursework component shall be based on the following grading scheme stipulated in the following regulation: University of Malaya Rules and Regulations (Doctorate's Degree) 2017.

10. Award of the Degree

For the purposes of graduation, a candidate must:

- (1) Fulfil the requirements of the coursework component:
 - (a) Achieve a final CGPA of 3.0 and above in the coursework component;
 - (b) Complete the number of credit hours as indicated in this program. From the total number of credit hours that is required for graduation, at least two thirds of the total number of credit hours that have been obtained must be from courses conducted by the University; and
 - (c) Fulfil requirements, if any, of the Faculty with which he is registered for the program of study.
- (2) Fulfil the requirements of the research component:
 - (a) Achieve a pass in the thesis following a viva voce and corrections if any;
 - (b) Fulfil other requirements, if any, as may be determined by the Faculty with which he is registered for his/her program of study;
 - (c) Fulfil the language requirements as may be determined for the program of study as stipulated in the University of Malaya (Degree of Doctor of Philosophy) Rules and Regulations 2017.
 - (d) Has shown proof of at least one accepted manuscript in SCOPUS/ISI indexed journals.

11. Award of Pass with Distinction for the Thesis

A thesis may be awarded a Pass with Distinction if:

- (a) it is recommended for a Pass with Distinction in the reports of the examiners(s);
- (b) it is recommended for a Pass with Distinction by the Committee of Examiners;
- (c) it is completed and submitted by the candidate for examination during a period not exceeding eight semesters from the initial date of registration of the candidate; and
- (d) it has not been submitted for re-examination.

12. Award of the Degree with Distinction

A candidate may be awarded the degree of Doctor of Philosophy (with Distinction) if he has:

- (a) fulfilled the requirements for graduation mentioned; and
- (b) submitted a thesis that is recommended for a Pass with Distinction by the Committee of Examiners.

RULES AND REGULATIONS

(Doctoral Degree) Rules 2019

(Doctoral Degree) Regulations 2019

Keadah – Kaedah (Ijazah Sarjana) 2019

Peraturan – Peraturan (Ijazah Sarjana) 2019