

UNIVERSITI MALAYA

POSTGRADUATE HANDBOOK

ACADEMIC SESSION 2024/2025



MDSc MOSc MCOH MClinDent (OMFS) PhD DrDPH DrProstho DrOMPathMed DrOrth DrPerio DrPaedDent DrRestDent

TABLE OF CONTENT

FOREWORD FROM DEPUTY VICE-CHANCELLOR (ACADEMIC)	3
FOREWORD FROM DEAN	4
FOREWORD FROM DEPUTY DEAN (POSTGRADUATE)	5
MISSION AND VISION	6
ORGANIZATIONAL CHART	7
MANAGEMENT	8
POSTGRADUATE MANAGEMENT OFFICE	10
ACADEMIC CALENDAR	11
LIST OF DEPARTMENTS	14
DEPARTMENT OF RESTORATIVE DENTISTRY	15
DEPARTMENT OF COMMUNITY ORAL HEALTH &	20
DEPARTMENT OF PAEDIATRIC DENTISTRY & ORTHODONTICS	22
DEPARTMENT OF ORAL AND MAXILLOFACIAL CLINICAL SCIENCES	25
DEPARTMENT OF ORAL & CRANIOFACIAL SCIENCES	28
PROGRAMMES OFFERED	30
MASTER OF ORAL SCIENCE	31
MASTER OF CLINICAL DENTISTRY (ORAL AND MAXILLOFACIAL SURGERY)	47
MASTER OF COMMUNITY ORAL HEALTH	59
DOCTOR OF DENTAL PUBLIC HEALTH	69
DOCTOR IN PAEDIATRIC DENTISTRY	80
	93
DOCTOR IN ORAL MAXILLOFACIAL PATHOLOGY AND ORAL MEDICINE	106
DOCTOR IN ORTHODONTICS	119
DOCTOR IN PROSTHODONTICS	134
DOCTOR IN RESTORATIVE DENTISTRY	145
MASTER OF DENTAL SCIENCE	157
DOCTOR OF PHILOSOPHY	164
RULES AND REGULATIONS	171

FOREWORD FROM DEPUTY VICE-CHANCELLOR (ACADEMIC & INTERNATIONAL)



Assalamualaikum Warahmatullahhi Wabarakatuh.

Alhamdulillah, we are grateful to Allah S.W.T. for giving me the opportunity to write a few words in the Postgraduate Handbook, Faculty of Dentistry, with His abundant grace and permission. Congratulations on successfully completing this handbook. Without dedication and commitment, this handbook cannot be completed as planned. Therefore, I would like to express my heartfelt appreciation and gratitude to those who contributed to its success.

The preparation of this handbook is seen as one of the symbols of UM's determination to deliver complete information regarding the learning experience at UM.

As an institution that aspires to have a significant impact on the educational landscape on a national scale, it is hoped that all postgraduate students will be able to pursue their studies at the Faculty of Dentistry with success in order to achieve mastery of their respective specialised knowledge, which will increase academic excellence and contribute to the growth of both the individual and the nation.

In achieving this goal, hard work, sacrifice, and high maturity are the main determining factors of success that every postgraduate student must have. In addition, I would like to draw your attention to the fact that the Universiti Malaya, which is an institution that conducts research of a world-class standard and has a solid foundation in education and training, is actively working to equip its students with challenging ideas, knowledge, and wisdom, as well as the values of global thinking and entrepreneurship. UM is committed to assisting all students, irrespective of their area of study, in realising their full potential, maximising their employability, and becoming agents of change. UM has defined the main characteristics of potential greatness, which are as follows, in order to accomplish this objective:

- To nurture future talent as agents of innovation and change
- To develop a flexible, personalized, and interdisciplinary curriculum
- To intensify internationalization and global education

In this regard, let's all carry out the duties and trusts that we are responsible for with full sincerity, whether as educators or students and hopefully, this effort will be blessed by Allah S.W.T and become a righteous charity that we will achieve in the future. God willing. In this regard, let's all carry out the duties and trusts that we are responsible for with complete sincerity, whether as educators or students, and hopefully, this effort will be blessed by Allah S.W.T. and become a righteous charity that we will achieve in the future.

Thank you.

Wassalam.

Professor Dr Yatimah Alias Deputy Vice Chancellor (Academic & International) Universiti Malaya

FOREWORD FROM DEAN



Dear Postgraduate Students,

Welcome to the Faculty of Dentistry, Universiti Malaya! It is both an honor and a privilege to address you as you embark on this exciting and transformative journey in your academic and professional careers.

Today marks the beginning of a new chapter for each of you—a chapter filled with rigorous academic challenges, groundbreaking research opportunities, and the chance to make a profound impact in the field of dentistry. As the Dean of the Faculty of Dentistry, Universiti Malaya I am thrilled to see such a dedicated and talented group of individuals join our postgraduate program.

You have chosen to advance your education and expertise in a field that is both highly specialized and immensely rewarding. Dentistry is not just about treating patients; it is about understanding the intricate relationship between oral health and overall well-being, pushing the boundaries of scientific research, and striving to improve patient care and quality of life.

This handbook you've received is more than just a collection of guidelines; it is a key resource designed to help you navigate your postgraduate studies successfully. Inside, you will find important information about our curriculum, research opportunities, clinical placements, and the resources available to you. I encourage you to familiarize yourself with its contents and use it as a guide throughout your time with us.

As you begin your studies, I want to emphasize the importance of collaboration and support. Our faculty is committed to providing you with a rich learning environment that fosters intellectual curiosity, innovation, and professional growth. Don't hesitate to seek guidance from your professors, mentors, and peers. The relationships you build here will be instrumental in your success and will enrich your experience both academically and personally.

This is a time for you to delve deeper into the field of dentistry, to challenge yourself, and to develop new skills and knowledge that will shape your future career. Embrace every opportunity for learning and professional development that comes your way. Whether through advanced coursework, hands-on clinical practice, or cutting-edge research projects, your efforts will contribute to the advancement of our field and to the well-being of the communities we serve. We are excited to support you every step of the way.

Once again, welcome to the Faculty of Dentistry at Universiti Malaya! We are delighted to have you here and eagerly anticipate the great things you will accomplish during your time with us. Here's to a successful and fulfilling journey ahead!

Warm regards,

Professor Dr. Firdaus Hariri Dean, Faculty of Dentistry

FOREWORD FROM DEPUTY DEAN (POSTGRADUATE)



Welcome to all Postgraduate students for the for the 2024/2025 academic session! On behalf of the Faculty of Dentistry Postgraduate Office, we extend a heartfelt welcome and sincere congratulations on your successful admission to this esteemed institution. You have all earned your places here, and you should take great pride in your achievement.

As you begin this exciting journey, we encourage you to familiarize yourselves with Universiti Malaya's rules and regulations and to commit to upholding them. Engage in your studies with integrity and refrain from any unlawful activities. I personally urge you to become independent learners and actively participate in extracurricular activities, both on and off-campus. Strive for excellence in all that you do; we are committed to providing you with a supportive

learning and research environment.

Remember, achieving your dreams and goals will require hard work and dedication, but the rewards will be truly worthwhile. Embrace this opportunity and make the most of your time here!

Thank you.

Warm regards,

Professor Dr. Siti Adibah Othman Deputy Dean (Postgraduate)



MISSION AND VISION

UNIVERSITI MALAYA

Vision

A global university impacting the world.

Mission

Pushing the boundaries of knowledge and nurturing aspiring leaders.

Core Values

Passion Oneness Integrity Sincerity Empathy

Tagline

Home of the Bright, Land of the Brave Di sini Bermulanya Pintar, Tanah Tumpahnya Berani

FACULTY OF DENTISTRY

Vision

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.

Mission

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

ORGANIZATIONAL CHART



MANAGEMENT

Dean	Professor Dr. Firdaus Hariri BDS (Malaya), MBBS (Malaya), MDS (HKU), MSc. (IMU)
Deputy Deans:	
Postgraduate	Professor Dr. Siti Adibah Othman BDS (Malaya), DDS (Bristol), MOrth RCSEd, MOrthRCS (England) <i>Ad Eundem</i>
Undergraduate	Associate Professor Dr. Wan Nurazreena Wan Hassan BDS (Wales), MFDS RCSEd, MScD in Orthodontics (Distinction) (Cardiff), MOrth RCSEd, FDS RCSEd, PhD (Malaya)
Research & Innovation	Professor Dr. Nor Adinar Baharuddin BDS (Adelaide), MDSc (Malaya), DClinDent in Periodontology (Otago)
Clinical and Services	Associate Professor Dr. Siti Mazlipah Ismail BDS (Malaya), FDSRCS (England)
Student Affair	Associate Professor Dr. Zuraiza Mohamad Zaini BDS (Malaya), MDSc Oral Path Oral Med (Queensland), MRACDS Oral Med (Aust), PhD (London)
Development	Professor Dr. Zamros Yuzadi Mohd. Yusof BDS (QUB), MSc (London), DDPHRSC (England), PhD (Distinction) (Malaya)



Faculty Manager	Mr Mahadi Sibon LLB (Hons) (Birmingham), Pg Dip (Medical Law) (Northumbria), LLM (UM)
Assistant Registrars	Miss Nur Amalina Dayana Abd Aziz B.Ed (TESL) (UM), M.Ed (English Language Education) (UM)
	Ms. Nurmarziana Aizie Mohd Yazid B.L.I.S (Hons) (UiTM)
	Mr. Ahmad Azwan Azman B. Med Sci (Hons) (MSU)
	Miss Nursyafiqah Abd Malek B.S.Chem (Malaya)
	Ms. Naquiah Adibah Othman BSc (Hons) Biology (UiTM)
	Ms. Nur Zulaikha Zaki B.Ed TESL (Hons)(Malaya), M.Ed. Mgt (Malaya)
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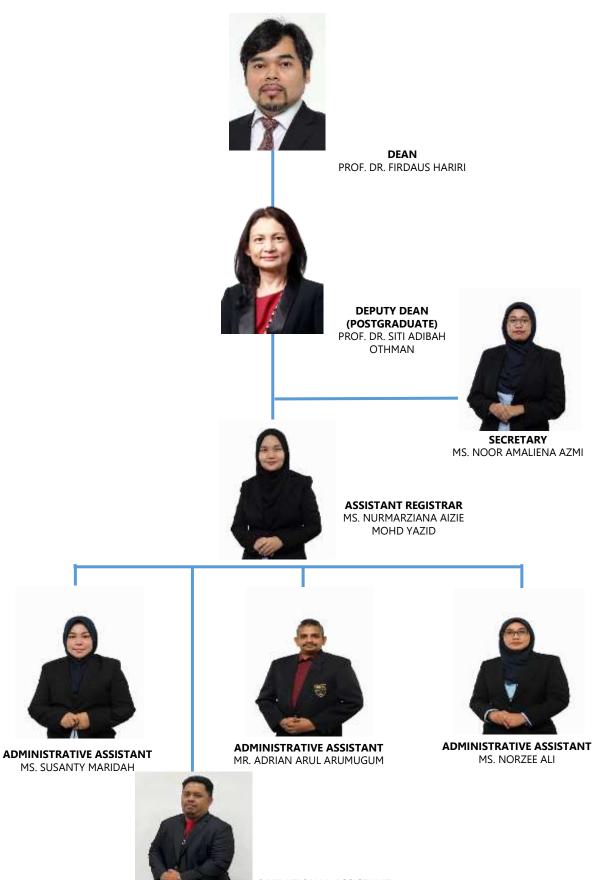
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POSTGRADUATE MANAGEMENT OFFICE



OPERATIONAL ASSISTANT MR. JAMALULHAFIZ SAMSURI

ACADEMIC CALENDAR

POSTGRADUATE ACADEMIC CALENDAR: ACADEMIC SESSION 2024/2025 GENERAL

ACADEMIC CALENDAR 2024/2025 ACADEMIC SESSION (MASTER'S AND DOCTORATE LEVEL)

	SEN	IESTER I			
Orientation Week			29.09.2024	-	06.10.2024
Lectures	7	weeks*	07.10.2024	-	24.11.2024
Mid Semester I Break	1	week	25.11.2024	2	01.12.2024
Lectures	7	weeks*	02.12.2024	-	19.01.2025
Revision Week	1	week*	20.01.2025	-	26.01.2025
Semester I Final Examination	3	weeks*	27.01.2025	-	16.02.2025
Semester I Break	4	weeks	17.02.2025	22	16.03.2025
	23	weeks	1		
	SEN	ESTER II			
Lectures	7	weeks*	17.03.2025		04.05.2025
Mid Semester II Break	1	week	05.05.2025	2	11.05.2025
Lectures	7	weeks*	12.05.2025	-	29.06.2025
Revision Week	1	week*	30.06.2025	~	06.07.2025
Semester II Final Examination	3	weeks*	07.07.2025	-	27.07.2025
Semester II Break	4	weeks	28.07.2025	-	24.08.2025
	23	weeks			
S	PECIA	SEMESTE	R		
Lectures	7	weeks*	28.07.2025	10	14.09.2025
Special Semester Final Examination	1	week*	15.09.2025	-	21.09.2025
Break	1	week	22.09.2025		28.09.2025
	9	weeks	2		

Note:

(*) The Academic Calendar has taken into account public and festive holidays and is subject to change:

Deepavali 01 November 2024 (Friday) Christmas Day 25 December 2024 (Wednesday) 01 January 2025 (Wednesday) 29 & 30 January 2025 (Wednesday & Thursday) New Year Chinese New Year Federal Territory Day 01 February 2025 ((Saturday) Thaipusam 11 February 2025 (Tuesday) 17 March 2025 (Monday) Nuzul Al-Quran Eidul Fitri 31 March & 01 April 2025 (Monday & Tuesday) Wesak Day 12 May 2025 (Monday) His Majesty the King's Birthday 02 June 2025 (Monday) Eidul Adha 06 June 2025 (Friday) Awal Muharam 27 June 2025 (Friday)

Senate Approval Date: 24.01.2024

POSTGRADUATE ACADEMIC CALENDAR: ACADEMIC SESSION 2024/2025

MASTER OF ORAL SCIENCE & YEAR 1 MASTER OF CLINICAL DENTISTRY (ORAL & MAXILLOFACIAL SURGERY)

SEMESTER I		
Week of Welcome	1 week	30.09.2024 - 06.10.2024
Classes	11 weeks	07.10.2024 – 22.12.2024
Mid-Semester I Break	2 weeks	18.12.2024 - 01.01.2025
Classes	4 weeks	02.01.2025 - 02.02.2025
Revision week / Examinations	3 weeks	03.02.2025 - 23.02.2025
Semester I Break/ *Re-examinations	2 weeks	24.02.2025 - 09.03.2025
	23 weeks	
SE	MESTER II	
Classes	3 weeks	10.03.2025 - 30.03.2025
Mid-Semester II Break	1 week	31.03.2025 - 06.04.2025
Classes	18 weeks	07.04.2025 – 10.08.2025
Revision week	1 week	11.08.2025 – 17.08.2025
*Examination / Classes	3 weeks	18.08.2025 - 07.09.2025
Semester II Break	3 weeks	08.09.2025 - 28.09.2025

*If applicable

The total number of Teaching & Learning weeks (including Week of Welcome, Revision and Examination Weeks) is **44 weeks** according to the Programme Standards: Dental Specialties

Public Holidays

Deepavali Hari Krismas	01 November 2024 25 December 2024	Hari Pekerja Hari Wesak	01 May 2025 12 May 2025
Tahun Baharu	01 January 2025	Hari Keputeraan Agong	02 Jun 2025
Tahun Baharu Cina	29 & 30 January 2025	Hari Raya Aidiladha	06 Jun 2025
Hari Wilayah Persekutuan Hari Thaipusam	01 February 2025 11 February 2025	Awal Muharram Hari Kebangsaan	27 Jun 2025 31 August 2025
Nuzul Al-Quran Hari Raya Aidilfitri	17 March 2025 31 March & 01 April 2025	Hari Malaysia	16 September 2025

POSTGRADUATE ACADEMIC CALENDAR: ACADEMIC SESSION 2024/2025

YEAR 1, 2 & 3 CLINICAL DOCTORATE, YEAR 2, 3 & 4 MASTER OF CLINICAL DENTISTRY (ORAL & MAXILLOFACIAL SURGERY)

	SEMESTER I	
Week of Welcome / Classes	1 week	30.09.2024 - 06.10.2024
Classes	11 weeks	07.10.2024 – 22.12.2024
Mid-Semester I Break	2 weeks	23.12.2024 - 05.01.2025
Classes	7 weeks	06.01.2025 - 23.02.2025
Semester I Break	2 weeks	24.02.2025 - 09.03.2025
	23 weeks	
	SEMESTER II	
Classes	3 weeks	10.03.2025 - 30.03.2025
Mid-Semester II Break	1 week	31.03.2025 - 06.04.2025
Classes	18 weeks	07.04.2025 - 10.08.2025
Revision week	1 week	11.08.2025 – 17.08.2025
*Examination / Classes	3 weeks	18.08.2025 - 07.09.2025
Semester II Break / Completion of work	3 weeks	08.09.2025 - 28.09.2025
	29 weeks	

*If applicable

The total number of Teaching & Learning weeks (including Week of Welcome, Revision and Examination Weeks) is **44 weeks** according to the Programme Standards: Dental Specialties

Public Holidays

Deepavali	01 November 2024	Hari Pekerja	01 May 2025
Hari Krismas	25 December 2024	Hari Wesak	12 May 2025
Tahun Baharu	01 January 2025	Hari Keputeraan Agong	02 Jun 2025
Tahun Baharu Cina	29 & 30 January 2025	Hari Raya Aidiladha	06 Jun 2025
Hari Wilayah Persekutuan	01 February 2025	Awal Muharram	27 Jun 2025
Hari Thaipusam	11 February 2025	Hari Kebangsaan	31 August 2025
Nuzul Al-Quran	17 March 2025	Hari Malaysia	16 September 2025
Hari Raya Aidilfitri	31 March & 01 April 2025	-	



LIST OF DEPARTMENTS

DEPARTMENT OF RESTORATIVE DENTISTRY

Level 5, Dental Specialist & Research Tower, Faculty of Dentistry UM

DEPARTMENT OF COMMUNITY ORAL HEALTH & CLINICAL PREVENTION

Block D, Level 2, Faculty of Dentistry UM

DEPARTMENT OF PAEDIATRIC DENTISTRY & ORTHODONTICS

Block A, Level 2, Faculty of Dentistry UM

DEPARTMENT OF ORAL & CRANIOFACIAL SCIENCES

Level 2, Balai Ungku Aziz, Faculty of Dentistry UM

DEPARTMENT OF ORAL AND MAXILLOFACIAL CLINICAL SCIENCES

Block A, Level 1, Faculty of Dentistry UM

DEPARTMENT OF RESTORATIVE DENTISTRY

Head	Associate Professor Dr. Syarida Hasnur Safii DDS (UKM), MClinDent (London), MRDRCS (Edinburgh), PhD (Otago)
Professor	Professor Dr. Rathna Devi A. Vaithilingam BDS (Malaya), MClinDent (Periodontology) (Malaya)
	Professor Dr. Nor Adinar Baharuddin BDS (Adelaide), MDSc (Malaya), DClinDent in Periodontology (Otago)
	Professor Dr. Chai Wen Lin BDS (Malaya), MDSc (Malaya), FDSRCS (England), FDSRCS (Edinburgh), PhD (Sheffield)
	Professor Dr. Noor Hayaty Abu Kasim BDS (Malaya), MSc (London), PhD (Newcastle)
	Professor Dr. Aruni Tilakaratne BDS (Peradeniya), Dip. in Counselling (Sri Lanka Foundation Inst.), PhD (Peradeniya)
	Professor Dr Mariam Abdullah BDS (Otago), MClinDent in Endodontology (London)
Associate Professors	Associate Professor Dr. Zeti Adura Che Ab. Aziz BDS (Otago), MClinDent (Otago)
	Associate Professor Dr. Eshamsul Sulaiman BDS (Belfast), MFDRCS (Ireland), MClinDent (Prosthodontics with Distinction) (London)
	Associate Professor Dr. Jacob John a/l Chiremel Chandy BDS (TN Dr MGR Medical University), MDS (Prosthodontics)(Kuvempu), MMedEdu (UM)
	Associate Professor Dr. Norasmatul Akma Ahmad BDS (Malaya), MClinDent in Prosthodontics (Distinction) (London), MRDRCS (Edinburgh)
	Associate Professor Dr. Azwatee Abdul Aziz BDS (Adelaide), MClinDent in Prosthodontics (London), PhD (Malaya), MDTFEd RCS (Edinburgh)



Associate Professor Dr. Nosizana Mohd. Salleh

DDS (Tokyo), PhD (Tokyo)

Associate Professor Dr. Noor Azlin Yahya BDS (Otago), MDenSci (Leeds), DipTrans (DBP)

Associate Professor Dr. Ros Anita Omar

BDS (Malaya), MDSc (Malaya), PhD (London)

Associate Professor Dr. Lim Ghee Seong

BDS (Malaya), MClinDent (Restorative Dentistry with Distinction) (Newcastle), ITF (Prosthodontics) under NACPDE RCS (England),

Associate Professor Dr. Hany Mohamed Aly Ahmed

BDS (Egypt), HDD (Endodontics) (Egypt), PhD (Universiti Sains Malaysia), MDTFEd RCS (Edinburgh), FPFA (USA), FADI (USA)

Associate Professor Dr. Mohideen Salihu Farook

BDS (Rajiv Gandhi), MDSc (Prosthodontics) (Dundee), MFD RCS (Ireland), MFDS RCPS (Glasgow), M Pros RCS (England), M Pros RCPS (Glasgow)

Senior Lecturers **Dr. Cheah Chia Wei** BDS (Malaya), MClinDent (Periodontology) (Malaya), PhD (Malaya)

Dr. Siti Fauzza Ahmad

BDS (Malaya), MSc (Med.Sci) in Fixed and Removable Prosthodontics (Glasgow), PhD (Malaya)

Dr. Selva Malar a/p Munusamy

BDS (Malaya), MFDS RCS (Edinburgh), MSc (Clinical Dentistry) (Fixed & Removable Prosthodontics) (Manchester)

Dr. Noor Hayati Azami

BDS (Malaya), MClinDent (Restorative Dentistry in Conservative Dentistry) (Malaya)

Dr. Nora Sakina Mohd Noor

BDS (Malaya), MClinDent (Restorative Dentistry in Conservative Dentistry) (Malaya)

Dr. Zubaidah Zanul Abidin

DDS (UKM), MClinDent (Restorative Dentistry in Prosthetic Dentistry) (Malaya)



Dr. Norul Husna Mohamad Hassan

DDS (Tokyo), MClinDent in Periodontology (London), EFP CCST in Periodontics & Implant Dentistry

Dr. Noorhayati Raja Mohd

DDS (UKM), MClinDent (Restorative Dentistry in Prosthetic Dentistry) (Malaya)

Dr. Yeoh Oon Take

BDS (Malaya), DCD Prosthodontics (Melbourne), MRACDS (Prosthodontics) (Australia)

Dr. Mohd Azmi Abdul Razak

BDS (Malaya), MClinDent (Prostho) (London), MProst RCS (Edinburgh)

Dr. Mohd Zamri Hussin

BDS (Newcastle upon Tyne), MFDS RCS (Edinburgh), MSc Clin Dent Perio (Distinction) (Manchester)

Dr. Nor Shafina Mohamad Nazari

BDS (Otago), MSc Clin Dent (Perio) (Distinction) (Manchester), MPerio RCS (Edinburgh)

Dr. Myrna Nurlatifah Zakaria

BDS (Indonesia), DDS (Indonesia), MClinDent in Endodontic (Indonesia), PhD (Japan)

Dr. Muralithran Govindan Kutty

BSc (Hons) (UKM), MSc in Materials Science (Warwick), PhD in Materials Science & Engineering (Idaho)

Dr. Muhammad Aliff Ikram Noor Zari

BDS (UiTM), MFDS RCS (Edinburgh), DClinDent (Prosthodontics) (Edinburgh)

Dr. Ahmed Mohamed Abdulrahman Abdou

BSc (Egypt), MSc (Egypt), PhD (Egypt), PhD (Japan)

Lecturers Dr. Muaiyed Mahmoud Ali Buzayan BDS (Tripoli University), MClinDent (Restorative Dentistry in Prosthetic Dentistry) (Malaya)

Dr. Enas Abdalla M. Etajuri

BDS (Tripoli), MDSc (Malaya), MClinDent (Restorative Dentistry in Prosthetic Dentistry) (Malaya)



Dr. Aeman Elkezza

BDS (Libya), MDSc (Prosthodontic) (Dundee)

Dr. Nur Diyana Mohamed Radzi

BDS (Malaya), MFDS RCS (Edinburgh), MClinDent (Restorative Dentistry in Conservative Dentistry) (Malaya)

Dr. Sofya Zulkiffli

BDS (Malaya), MClinDent (Restorative Dentistry in Conservative Dentistry) (Malaya)

Dr. Mohd Amirul Fahmi Che Mohd Fadzilah

BDS (Malaya), MFDS RCS (Edinburgh), MClinDent (Restorative Dentistry in Conservative Dentistry) (Malaya)

Dr. Anas Hakimee Ahmad Ubaidillah

BDS (Malaya), MClinDent (Restorative Dentistry in Conservative Dentistry) (Malaya)

Dr. Rana Abdelbaset Lofty Diab

BDS (Egypt), MFDS RCS (Edinburgh), MClinDent (Restorative Dentistry in Conservative Dentistry (Malaya), MEndo (RCS (England)

Dr. Natrah Ahmad Fuad

BDS (Malaya), MFDS RCS (Edinburgh), DClinDent Endodontology (Edinburgh), MEndo RCS (Edinburgh)

HonoraryProfessor Dr. Norsiah YunusProfessorBDS (Glasgow), MSc in Prosthetic Dentistry (Bristol)

Trainee Lecturers

Dr. Muhammad Husaini Ab Aziz BDS (Malaya)

Dr. Nurul Liyana Aminuddin BDS (Malaya)

Dr. Nurul Ashikin Mastura Muhammed Rezuan BDS (Malaya), MFDS RCS (Edinburgh)

Dr. Siti Sarah Abdul Sattar

BDS (Malaya)



Supporting Administrative Staff Ms. Etrie Yanthie Syahril Ms. Nurolhuda Abdullah Ms. Nor Mariana Abu Samah Ms. Roslina Yahya Ms. Nurulizzati Senan Ms. Nurshafina Nor Mr. Mohamad Khaidil Kamal Bahrin

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Discipline of Prosthodontics

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DEPARTMENT OF COMMUNITY ORAL HEALTH & CLINICAL PREVENTION

Head	Dr. Marhazlinda Jamaludin BDS (Malaya), M.Comm.Med Oral Health (USM)
Professors	Professor Dr. Zamros Yuzadi Mohd Yusof BDS (QUB), MSc DPH (London), DDPH RCS (England), PhD (Distinction) (Malaya)
	Professor Dr. Norintan Ab Murat BDS (Malaya), MSc DPH (London), DDPH RCS (England), PhD (London)
Associate Professor	Associate Professor Dr. Nor Azlida Mohd Nor BDS (Malaya), MSc DPH (London), DDPH RCS (England), PhD (Cardiff), PGDipMEd (Wales), FDTFEd RCS (Edinburgh)
Lecturers	Dr. Ainol Haniza Kherul Anuwar DDS (UGM), MCOH (Distinction) (Malaya), DrDPH (Malaya)
	Dr. Najihah Lokman BSc (Hons) (UKM), MSc Medical Statistics (USM), PhD (Malaya)
	Dr. Siddharthan Selvaraj BDS (India), MDPH (USM), PhD (UniSZA)
Honorary Professor	Professor Dr. Jennifer Geraldine Doss BDS (Malaya), MCD (Distinction) (Malaya), PhD (Otago)
Trainee Lecturers	Dr. Noor Syahidah Hisamuddin DDS (UKM), MCOH (Distinction) (Malaya)
	Dr. Elaine Choong Kar Man BDS (Distinction) (MAHE), MSc DPH (Distinction) (London)
	Dr. Aina Najwa Mohd. Khairuddin BDS (Malaya), MSc DPH (London)
	Dr. Abdul Azim Abdul Razak BDS (Malaya), MSc DPH (London)
	Dr. Nazrin Hakim Nazaruddin BDS (Malaya), MSc DPH (London)



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Madam Norizan Binti Mat Saman

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DEPARTMENT OF PAEDIATRIC DENTISTRY & ORTHODONTICS

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Professors	Professor Dr. Sabri Musa BDS (Malaya), MSc in Paediatric Dentistry (London), PhD (Malaya)			
	Professor Dr. Zamri Radzi DDS (Ind), MDentSci in Orthodontics (Leeds), FFDRCSI (Ireland), MOrthRCS (England), MOrth RCSEd, PhD (Oxford)			
	Professor Dr. Siti Adibah Othman BDS (Malaya), DDS (Bristol), MOrth RCSEd, MOrthRCS (England) <i>Ad Eundem</i>			
Associate Professors	Associate Professor Dr. Wan Nurazreena Wan Hassan BDS (Wales), MScD in Orthodontics (Distinction) (Cardiff), MFDS RCSEd, MOrth RCSEd, FDS RCSEd, PhD (Malaya)			
	Associate Professor Dr. Shani Ann Mani BDS (Tamil Nadu MGR), FDS RCPS (Glasgow), MDS (Pedodontia & Preventive Dentistry) (Panjab)			
	Associate Professor Dr. Lily Azura Shoaib DDS (Tokyo), MClinDent (Paeds) (Edinburgh)			
	Associate Professor Dr. Saritha Sivarajan BDS (Malaya), MOrth (Distinction) (Malaya), MFDS RCSEd, MOrthRCS (England), FDS RCSEd			
	Associate Professor Dr. Lau May Nak BDS (Malaya), MOrth (Distinction) (Malaya), MOrthRCS (England)			
	Associate Professor Dr. Yasmin Kamarudin BDS with Honours (UWA), DDS (Bristol), MOrth RCSEd			
Senior Lecturers	Dr. Roziana Mohd Razi BDS (Malaya), MClinDent (Orthodontics) (Sheffield), MOrth RCSEd			
	Dr. Nor Malina Manan BDS (Malaya), MDS (Paediatric Dentistry) (Hong Kong), AdvDipPaedDent (Hong Kong)			



Dr. Maryani Mohamed Rohani

BDS (Malaya), DClinDent (Special Needs Dentistry) (Melbourne), FiADH

Dr. Norhidayah @ Nor Zahidah Mohd Tahir

BDS (Malaya), MOrth (Malaya), MOrthRCS (England)

Dr. Nor Nadia Zakaria

BDS (Malaya), MOrth (Malaya), MOrthRCS (England)

Dr. Tengku Nurfarhana Nadirah Tengku Hamzah BDS (Malaya), MClinDent (Child Dental Health) (Malaya)

Dr. Aufa Dahlia Bahar

BDS (London), MSc ClinDent Orthodontics (Distinction) (Manchester), MOrth RCSEd

Dr. Nurul Zeety Azizi

BDS (Malaya), DClinDent (Paed Dent) (London)

Dr. Eunice Soh Xinwei

BDS (Malaya), MJDF RCS (England), MOrth (Malaya), MOrthRCS (England)

Dr. Noorhidayah Zainal Aalam BDS (Malaya), DPeadDent (Leeds)

Dr. Nabihah Dziaruddin

DDS (UKM), MJDF RCS (Glasgow), MClinDent (Paed Dent) (London)

Dr. Nurul Aliaa Ahmad Fauzi

BDS (London), MFDS RCSEd, DDS (Bristol), MOrth RCS (England)

Dr. Jessica Francis BDS (Malaya), DClinDent (Special Needs Dentistry) (Melbourne), FiADH

Dr. Aisyah Ahmad Fisal BDS (Adel.), MFDS MSCD RCSEd, D.Ch.Dent Special Care Dentistry (I Hons.) (Dubl.)

Lecturers Dr. Afiqah Abdul Aziz BDS (London), MFDS RCSEd, MClinDent Orthodontics (London), MOrth RCS (England)

TraineeDr. Aliff Syazaryl Aiman bin AzharLecturerBDSc. (Dubl.), BA(Dubl.)



Supporting Administrative Staff Mrs. Nur Syuhaidah Jailani Mrs. Razimah Ab Lazak Mrs. Nor Suriyani Shafei Mrs. Siti Hawa Mat Tahir

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DEPARTMENT OF ORAL AND MAXILLOFACIAL CLINICAL SCIENCES

Head	Associate Professor Dr. Kathreena Kadir BDS (Malaya), MClinDent (OMFS)(Malaya) Fellowship in Oral & Maxillofacial Oncology and Reconstructive Surgery (Shanghai)
Professors	Professor Dato' Dr. Zainal Ariff Abdul Rahman BDS (Dhaka), MSc (London), FFDRCS (Ireland), FDSRCS (England)
	Professor Dr. Ngeow Wei Cheong @ David Ngeow BDS (Malaya), MDSc (Malaya), FFDRCS (Ireland), FDSRCS (England), PhD (Sheffield)
	Professor Dr. Norliza Ibrahim DDS (Indonesia), MSc (Manchester), PhD (Amsterdam)
	Professor Dr. Wanninanyake Mudiyanselage Tilakaratne BDS (Peradeniya) MS (Colombo), FDSRCS (England), FRCPath (UK), PhD (Niigata)
	Professor Dr. Thomas George Kallarakkal BDS (VMS), MDS (Kerala)
	Professor Dr. Firdaus Hariri BDS (Malaya), MBBS (Malaya), MDS (Hong Kong), MSc (Molecular Medicine) (IMU)
Associate Professors	Associate Professor Dr. Daniel Lim Khim Hock BDS (Malaya), MClinDent OMFS (Malaya)
	Associate Professor Dr. Siti Mazlipah Ismail BDS (Malaya), FDSRCS (England)
	Associate Professor Dr. Zuraiza Mohamad Zaini BDS (Malaya), MDSc Oral Path Oral Med (Queensland), MRACDS Oral Med (Aust), PhD (London)
Senior Lecturers	Dr. Chan Siew Wui DDS (USM), MClinDent OMOP (Malaya)
	Dr. Goh Yet Ching BDS (Malaya), MFDS RCSEd, MClinDent OMOP (Malaya)
	Dr. Muhammad Kamil Hassan BDS (Ire), MFDS RCSEd, MSc (Ire), FFDRCSI



	Dr. Nurul Izyan Zainuddin BDS (Malaya), DClinDent OP (Otago)
	Dr. Rabi'ah Al-Adawiyah Rahmat BDS (Salem), GDipForOdont (Adel), PhD (Adel)
	Dr. Tan Chuey Chuan DDS (USM), MFDS RCSEd, MClinDent OMFS (Malaya)
	Dr. Zakiah Mat Ripen BDS (Malaya), MClinDent OMFS (Malaya)
Lecturers	Dr. Amir Hazwan Abdul Rahim BDS (London), MSc (Forenodont) (Leuven)
	Dr. Anand Ramanathan BDS (Tamilnadu), MDS (Annamalai)
	Dr. Nur Fauziani Zainul Abidin BDS (Otago), MClinDent OMOP (Malaya)
Honorary Consultants	Professor Dr. Rosnah Mohd Zain BDSc (Queensland), MS (Michigan), Fellow AAOMP (USA), FASc (MY)
	Professor Dr. Phrabhakaran Nambiar BDS (Mys), BSc Dent (Hons) (Adel), MSc Dent (Adel), MSc Dent (UWC), PGDipDent (Stellenbosch), FFOMP (RCPA)
Adjunct Professor	Professor Dr. Cheong Sok Ching B.Sc (Hons) (UKM), PhD Molecular Biology (UKM)
Trainee Lecturers	Dr. Maziahtul Zawani Munshi BDS (UiTM)



Supporting Administrative Staff

Ms. Sainah Kasbollah Ms. Hazwani binti Abd Rahman Ms. Vanisry Nokaraju

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DEPARTMENT OF ORAL & CRANIOFACIAL SCIENCES

Head	Dr. Adyani Azizah Abd Halim BSc (Hons) (Malaya), MSc (Malaya), PhD (Malaya)		
Professor	Professor Dr. Wan Himratul Aznita Wan Harun BSc (Hons) (Malaya), MSc (Distinction) (Malaya), PhD (Malaya		
	Professor Dr. Ian Charles Paterson BSc (London), PhD (Bath)		
	Professor Dr. Mohammad Tariqur Rahman BSc (Microbiology) (DU), MSc (Microbiology) (DU), MSc (Biochemistry) (KUL), PhD (Biochemistry) (KUL)		
	Professor Dr. Yap Lee Fah BSc (Taiwan), MSc (Singapore), PhD (Bristol)		
Associate Professors	Associate Professor Dr. Chen Yeng BSc (Hons) (Malaya), MMedSc (Malaya), PhD (Malaya)		
Senior Lecturers	Dr. Syarifah Nur Syed Abdul Rahman BSc (Hons) (Malaya), PhD (Malaya)		
	Dr. Wan Izlina Wan Ibrahim BBiomedSc (Hons) (Malaya), MMedSc (Malaya), PhD (Malaya)		
	Dr. Siti Amalina Inche Zainal Abidin BBiomedSc (UPM), MSc Chem Patho (USM), PhD (Sheffield)		
	Dr. Jazli Aziz BBiomedSc (IIUM), MBioSc (IIUM), PhD (Malaya)		
	Dr. Alias Abd Aziz BSc (Stats) (UiTM), MAppStats (Malaya), PhD (Malaya)		
Honorary Professors	Professor Dr. Fathilah Abdul Razak BSc (Hons) (Malaya), MSc (Malaya), PhD (Malaya)		
	Professor Dr. Marina Mohd Bakri BDS (Malaya), MDSc (Wales), PhD (Otago)		
Trainee Lecturers	Dr. Sharifah Nabilah Syed Mohd Hamdan BDS (Al Azhar)		



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PROGRAMMES OFFERED

ACADEMIC SESSION 2024/2025

Clinical Coursework Programmes

Master of Oral Science Master of Clinical Dentistry (Oral and Maxillofacial Surgery)

Coursework Programmes

Master of Community Oral Health

Mix Mode Programmes

Doctor of Dental Public Health

Clinical Doctorate Programmes

Doctor in Paediatric Dentistry Doctor in Periodontology Doctor in Oral Maxillofacial Pathology and Oral Medicine Doctor in Orthodontics Doctor in Prosthodontics Doctor in Restorative Dentistry

Research Programmes

Master of Dental Science Doctor of Philosophy

MASTER OF ORAL SCIENCE

MODE: BY CLINICAL COURSEWORK

1. PROGRAMME COORDINATOR

Dr. Zubaidah binti Zanul Abidin Department of Restorative Dentistry

2. COURSE COORDINATOR

• Research Methodology (DSX7001):

Professor Dr. Yap Lee Fah,
 Department of Oral & Craniofacial Sciences

• Research Project (DSA7002):

Dr. Zubaidah binti Zanul Abidin
 Department of Restorative Dentistry

• Basic Medical Science (DSA7003):

Dr. Rabi'ah Al-Adawiyah binti Rahmat,
 Department of Oral & Maxillofacial Clinical Sciences

• Outreach Dentistry (DSA7004):

 Associate Professor Dr. Jacob John, Department of Restorative Dentistry

• Basic Life Support (DSA7005):

Professor Dr. Firdaus bin Hariri,
 Department of Oral & Maxillofacial Clinical Sciences

• General Dentistry (DSA7006):

Dr. Nurul Aliaa Binti Ahmad Fauzi
 Department of Paediatric Dentistry & Orthodontics

• Orthodontics (DSA7008):

Associate Professor Dr. Lau May Nak
 Department of Paediatric Dentistry & Orthodontics

• Paediatric Dentistry (DSA7010):

Dr. Malina binti Manan
 Department of Paediatric Dentistry & Orthodontics



• Applied Oral Pathology (DSA7014):

Dr. Nur Fauziani binti Zainul Abidin
 Department of Oral & Maxillofacial Clinical Sciences

• Special Care Dentistry (DSA7013):

Dr. Aisyah binti Ahmad Fisal
 Department of Paediatric Dentistry & Orthodontics

3. PROGRAMME OF STUDY

The Master of Oral Science is a full-time clinical programme. It is aimed at providing a learning framework that allows candidates to advance the academic and clinical skills in aspects of general practice dentistry and research skill, in preparation for further specialist doctorate training. It is a prerequisite to the Doctorate Clinical programme. It is also aimed at updating dental practitioners on current advances in clinical practice and issues in the delivery of general practice dentistry. It can also be a pathway for candidates to enter PhD through a research programme.

4. ADMISSION REQUIREMENTS

- (1) Bachelor of Dental Surgery or equivalent Qualification; AND
- (2) A minimum of two (2) years clinical practice after basic degree; AND
- (3) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practicing Certificate (APC) for local candidates; AND
- (4) Proof of registration with the dental regulatory body in another country for international candidate; AND
- (5) Verified by a Registered Medical Practitioner, University's Student Health Clinic that the applicant has a satisfactory level of health and is not suffering from any disease or any physical disability that could interfere with the study at the University; and fulfilled all immunization requirement specified for the academic programmes; AND
- (6) Pass the Faculty / Department interview.
- (7) 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 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR



- (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
- (c) Pearson Test of Academic English (PTE Academic) with minimum score of 59; OR
- (d) obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
- (e) Malaysian University English Test (MUET) with minimal band 4.

5. DURATION OF STUDY

This programme shall extend over a minimum period of one (1) year or two (2) semesters and a maximum period of two (2) years or four (4) semesters.

6. STRUCTURE OF PROGRAMME OF STUDY

- (1) Programme Learning Outcome:
 - (i) Apply scientific knowledge in the clinical practice of dentistry
 - (ii) Display clinical skill as a competent dental practitioner, with critical and creative thinking
 - (iii) Display social skill and high level of responsibility as a member of oral healthcare professional
 - (iv) Apply ethical code of practice, professionalism and responsibility in patient management
 - (v) Display effective communication, team working and leadership skill
 - (vi) Make research decisions based on scientific evidence
 - (vii) Utilize information and communication technologies in problem solving and instill lifelong learning
- (2) This programme shall consist of the following components, comprising instruction in courses over a period of two (2) semesters:
 - a) Faculty Core Course:

Research Methodology

This course comprises two components: Research Methodology and Biostatistics. Students are introduced to basic principles of a research process which prepare them to develop the ability to



conduct independent research. The students also learn fundamental computer skills to search and manage information. Basic concepts in biostatistics are covered and supplemented with demonstration sessions using statistical software which enables students to perform basic analysis and presentation of data. The course also provides opportunities for students to develop interpersonal and soft skills through group assignments.

- (a) <u>Programme Core Course:</u>
 - *i)* Basic Medical Science

This course encompasses the subjects in basic medical science namely anatomy, oral biology, biochemistry, medical microbiology, pathology, pharmacology, and physiology. At the end of this course the trainees will have a sound knowledge in the various subjects of basic medical science such that they will be able to apply this knowledge in their respective specialty courses.

ii) General Dentistry

This course is an integrated overview of general dentistry that covers a multidisciplinary approach. The course will be taught through lectures. Integrated dental knowledge gained from the course will help students prepare for further training in specialty courses.

iii) Basic Life Support

The basic life support (BLS) course is an important component in medicine and dentistry as it exposes practitioners to medical emergencies which can be fatal to patients. The course will be taught through lectures and demonstrations on how to perform cardiopulmonary resuscitation according to international standards. All students will be given the opportunity to undergo practical and presentation sessions. At the end of the course, students are required to pass and will be awarded the BLS certification.



iv) Outreach Dentistry

Dental postgraduate students enrolled for the MOSc program undertake this community outreach module. The goals of the module are to improve learning, promote civic engagement, and strengthen communities through addressing societal needs. The module provides the learners the opportunity to work directly with members of the community, who commonly experience health inequalities and poor oral health. It also enables them to work as a team to develop and deliver an intervention adapted to needs of the community they are working with. The purpose of this module is to provide students with insight into the health and wellbeing of various population groups and to promote 'social accountability' as a key part of professional practice.

v) Research Project

This course will explain the significance of research design and its implications in dentistry. Trainees will display the skill of data analysis in producing good research reports and adhere to legal, ethical, and professional codes of practice.

- (b) Foundation Specialty Course: Discipline (Elective)
 - i) Paediatric Dentistry

The Paediatric Dentistry Elective course of the Master of Oral Science aims to train candidates preparing to pursue a speciality training programme in the field of Paediatric Dentistry and to subsequently enroll in the Doctor in Paediatric Dentistry (DrPaedDent).

The course encompasses varied academic activities to achieve the learning outcomes while ensuring that candidates take responsibility for their learning, which includes developing the foundational clinical skills required for the specialist in paediatric dentistry through modules based on operative techniques, concepts in basic clinical diagnosis and treatment, multidisciplinary clinics, and basic surgical skills with emphasis on effective communication, ethics, professionalism, and teamwork.



ii) Applied Oral Pathology

The course is designed to include an in-training teaching where trainees will introduced component be to clinicopathological characteristics of oral diseases via seminars, project assignments, problem solving, practical and clinical sessions. Trainees will then apply the knowledge in diagnosis and management of patients with oral diseases. Through role modelling, they will simulate sensitivity when managing patients and develop ethical conduct. Continuous seminar presentations and journal clubs will encourage trainees to engage in lifelong learning and ensure practice of evidence-based knowledge during diagnosis and management of oral diseases. This system ensures training of high standards in applied oral pathology.

iii) Orthodontics

The structure of the programme shall provide an introduction to the specialty of Orthodontics and prepare the candidates for the Doctor of Orthodontics programme for clinical training in Orthodontic Specialty. This programme shall consist of teaching, basic training, and coursework in Orthodontics.

iv) Special Care Dentistry

In this course, students will be able to demonstrate a core knowledge of Oral Science in provision of dental care for patients with special needs. At the end of the course, the students should demonstrate competence in managing patients commensurate with a general dental practitioner with a special interest in Special Care Dentistry. The structure of the programme shall prepare the candidates for the Doctor in Special Care Dentistry programme. It shall consist of teaching activities such as lectures, seminars, journal club, clinical training, and medical posting.

(3) The scope of the programme is given in the Course Proforma and Course Information as given by the programme coordinators.



7. COURSE REGISTRATION

Registration of courses shall be completed one week before the class begins, within the registration week (subject to change). Candidates who do not complete the registration within that period are not allowed to follow the course.

8. ACADEMIC SUPERVISION

- (1) The appointment of a research 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.

9. FIELD OF RESEARCH

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

10. SUBMISSION

A candidate shall submit his/her research report at least ONE month before the commencement date of the Final examination.

11. ASSESSMENT & EXAMINATION

There are different types of assessments for each course. The following table describes the assessment criteria for each course, which is categorized into one of the following:

- I. Faculty core course
- II. Programme core course
- III. Foundation Specialty Course (Elective)



COURSES	ASSESSMENT CRITERIA				
Faculty Core Co	Faculty Core Course				
Research Methodology	 Summative assessment Oral presentation - 50% Written Report - 50% To pass the course, the candidate must obtain: 65% or more of the marks for each component: i. Oral Presentation ii. Written Report Re-assessment A candidate who has failed (total score <65%) shall be required to re-submit the assignment for assessment and obtain at least 65% mark, within the same candidature period. 				

Programme Core Course			
	<u>Examination</u> Written exam (100%):		
	Component A: Short Answer Question (SAQ)- 50%Component B: One Best Answer (OBA) / ExtendedMatching Question (EMQ) / Multiple Choice		
	Question (MCQ) - 50%		
	To pass the course, the candidate must obtain:		
Basic Medical Science	• 65% or more of the total aggregate marks for component A and component B		
	<u>Re-assessment</u> A candidate who has failed (total score <65%) shall be required to undergo remedial class and re-examination.		

General Dentistry	 <u>Examination</u> Theory paper Multiple Choice Question (MCQ) paper - 100% To pass the course, the candidate must obtain: 65% marks for the theory paper <u>Re-assessment</u> A candidate who has not fulfilled the requirement shall be required to undergo remedial class and re-examination.
Basic Life Support	 Summative Assessment Theory paper – MCQ - 100% Practical test To pass the course, the candidate must: achieve 80% or more of the marks for theory paper pass the practical test by correctly demonstrating ALL steps of CPR. (A certificate is awarded upon passing the course) Re-assessment A candidate who has not passed the assessment shall be required to attend remedial class and resit the whole part (written test and practical exam) of the course.
Outreach Dentistry	Summative assessmentContinuous assessmentSeminar, oral presentations, and reflective learning - 50%Oral Health Program Course Written Report - 50%To satisfy the requirement of the course, the candidate must:• obtain 65% or more of the total marksRe-assessmentA candidate who has not fulfilled the requirement shall be required to re-submit the report.

Research Project	 Formative Assessment (General research topic will be identified at the early part of the programme with the help of discipline coordinator, however most of the research work is carried out in second half of the term) Evaluation and feedbacks through student-supervisors interaction Research proposal writing, presentation, and ethics application (where appropriate) Summative Assessment (100%) Research report - 70% Viva-voce - 30%
Foundation Spe	ecialty Course (Elective)
Orthodontics	Continuous assessment (40%)• Practical (wire bending)- 10%• Clinical work- 10%• Case/seminar presentation- 20%Final examination (60%)• Written exam: Essay/MEQ- 35%• Clinical examination- 25%
Paediatric Dentistry	Continuous assessment (40%) Preclinical work - 12% Clinical work - 12% Seminars/ Assignments - 16% Final examination (60%) - Written exam: Essay - 30% Clinical viva voce - 30%
Applied Oral Pathology	 Continuous assessment (40%) Seminars and clinicopathological conferences - 15% Oral Pathology Practical session, Oral Pathology Diagnostic session - 10% Assignment writing - 15% Final exam (60%) Written exam : Essay 60%

	Continuous assessment (40%)	
	Seminar assignment - 30%	
	Case presentation - 10%	
Special Care		
Dentistry	Final examination (60%)	
	• Written exam: Essay - 30%	
	Clinical exam/viva voce - 30%	

(1) Exemption from Basic Medical Science Examination:

A candidate may be exempted from the Basic Medical Science course examination if he/she has passed:

- (a) 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

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

OR

c) the examination of the Basic Medical Sciences of the Universiti Malaya.

Exemption for sitting this part of the examination for candidates with equivalent professional qualification, however the requirement for at least 80% compulsory attendance for the whole series of lectures is applicable.

For these candidates with the exemption status, in addition to the compulsory attendance at the BMS lectures, they shall be required to attend sessions in respective clinical disciplines equivalent to 6 hours SLT (which is the SLT for BMS examination).



(2) Examination Assessment

Marking Scheme

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

Marks	Grade	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	А	4.00	Distinction
75.00 – 79.99	A-	3.70	Distinction
70.00 - 74.99	B+	3.30	Pass
65.00 - 69.99	В	3.00	1 055
60.00 - 64.99	B-	2.70	
55.00 -59.99	C+	2.30	Fail
50.00 - 54.99	С	2.00	
45.00 - 49.99	C-	1.70	
40.00 - 44.99	D+	1.30	
35.00 - 39.99	D	1.00	
00.00 - 34.99	F	0.00	

- (3) Requirements for Passing an Examination
 - (a) Basic Medical Science Examination

A candidate shall be deemed to have passed the above examination if he has obtained:

• 65% or more of the aggregate combined marks for component A and B

Candidates with redeemable marks (60 - 64%) must attend a borderline viva voce. In passing the borderline viva voce, the marks will be upgraded to a pass mark of 65%.



Re-Examination

A candidate who has failed may be required:

- To undergo remedial class; and
- Permitted a re-examination on ONE occasion only within the same candidature period
- Re-examination shall consist of the same components and shall be assessed and graded in the same manner as prescribed for the main examination
- (b) Final Professional Examination

The professional Examination in this programme consists of 2 parts:

Part 1: Clinical Course

A candidate shall be deemed to have passed this examination, if he/she passes the Clinical Course (elective) which he/she has enrolled at the beginning of the programme and obtains:

• 65% or more of the aggregate combined marks of continuous assessment and summative assessment marks

Re-examination

A candidate who has failed this part of the examination, shall be required:

- To undergo remedial class; and
- Permitted a re-examination on ONE occasion only within the same candidature period

A candidate who has failed the re-examination, shall be permitted on the recommendation of the Board of Examiners to repeat the course.



Part 2: Research Project

To pass the course, the candidate must obtain:

• 65% or more of the aggregate combined marks for component A and component B

Re-examination

A candidate who has failed this part of the examination, shall be required:

- Failure to obtain a pass, may require resubmission with correction of the research report according to the recommendation of the boards of examiners
- Re-evaluation of the research report with supervisor's verification by the internal examiner
- A candidate who failed to submit his/her research report by the end of the 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.

Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS



12. AWARD OF THE DEGREE

A candidate may be awarded the degree of Master of Oral Science if he/she passed:

- (a) Research Methodology examination; AND
- (b) Basic Medical Science examination or has obtained the exemption; AND
- (c) General Dentistry examination; AND
- (d) Basic Life Support examination: AND
- (e) Outreach Dentistry examinations; AND
- (f) Final Professional Examination

Part 1: Selected Foundation Specialty Course (Elective) as listed below:

- Orthodontics; OR
- Paediatric Dentistry; OR
- Applied Oral Pathology; OR
- Special Care Dentistry

Part 2: Research Project; AND

- (g) Satisfy the language requirements set by the university; AND
- (h) Satisfy other requirements of the University for Master by Clinical Coursework.



13. AWARD OF PASS WITH DISTINCTION FOR THE EXAMINATION

A candidate may be awarded a pass with Distinction if he/she has:

- (a) Obtained 80% or more of the combined marks of the Final Examination (clinical course and research); AND
- (b) Not failed any courses of the programme; 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.

14. AWARD OF THE DEGREE WITH DISTINCTION

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

- a) passed with at least Distinction in the Research Methodology course and all programme core courses; AND passed with Distinction in the Final Professional examination for the degree of Master of Oral Science (MOSc) as prescribed above; and
- b) not repeated any part of the programme of study leading to the Final Professional examination except on medical or compassionate grounds acceptable to the Faculty.
- c) Not failed any component/subcomponent of the prescribed examinations; and
- d) completed the programme of study in a period not exceeding two (2) ordinary semesters from the initial semester of candidate registration.

MASTER OF CLINICAL DENTISTRY (ORAL AND MAXILLOFACIAL SURGERY)

MODE: BY CLINICAL COURSEWORK

1. **PROGRAMME OF STUDY**

The Master of Clinical Dentistry (Oral and Maxillofacial Surgery) programme is a clinical coursework with 30% 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 Practicing Certificate (APC) or registered with the dental regulatory body in another country and eligible to be granted a Temporary Practicing 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 program); 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):
 - (f) Obtained 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
 - (g) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
 - (h) Pearson Test of Academic English (PTE Academic) with minimum score of 59; OR
 - (i) obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
 - (j) Malaysian University English Test (MUET) with minimal band 4.



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

(a) Programme Learning Outcome

PO1	Apply scientific evidence-based knowledge in the
(Knowledge)	diagnosis and management of health problems in the
	field of Oral and Maxillofacial Surgery in a holistic way.
PO2	Display the ability to perform and articulate specific
(Practical Skills)	clinical and surgical procedures.
PO3	Identify and build rapport with patients and the public in
(Social Skills and	promoting oral and maxillofacial health.
responsibility)	promoting of a dia maximotacia nearth.
PO4	Comply with relevant legal requirements and
	Comply with relevant legal requirements and
(Values, Attitudes	professional ethics to the practice of Oral and
and	Maxillofacial Surgery and demonstrate good values and
Professionalism)	attitudes in patient management and other professional
	activities.
PO5	Communicate effectively with their colleagues, other
(Communication,	healthcare professionals, relevant agencies, patients and
Leadership and	the community and practice good leadership and
teamwork skills)	effective team working skills in promoting Oral and
	Maxillofacial health.
PO6	Critically appraise and utilize advances in scientific
(Problem solving	knowledge for the benefit of patients and the
& Scientific skills)	profession.
P07	Organize updated information by engaging in lifelong
(Information	learning and continuing professional development to
management and	update their knowledge and skills.
lifelong learning	apaate then knowledge and skins.
skills)	
PO8	Apply entrepreneurship principles and good managerial
(Managerial and	skills in promoting oral & maxillofacial health.
-	skins in promoting oral & maxillolacial fleatth.
entrepreneurial	
skills)	



- (b) 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 a research report.
 - (c) Part III consists 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.
- (c) 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 completed one week before the class begins, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.

6. ACADEMIC SUPERVISION

- 1) The appointment of a research 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.
- 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 the field of research shall be done prior to the 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) A candidate shall submit his/her logbook 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 logbook and surgical journal for examination not later than **ONE (1)** 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 programme 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 ii. Clinical/practical and viva voce	70 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	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	А	4.00	Distinction
75.00 – 79.99	A-	3.70	
70.00 – 74.99	B+	3.30	Pass
65.00 – 69.99	В	3.00	
60.00 - 64.99	В-	2.70	
55.00 -59.99	C+	2.30	Fail
50.00 - 54.99	С	2.00	
45.00 – 49.99	C-	1.70	
40.00 - 44.99	D+	1.30	
35.00 - 39.99	D	1.00	
00.00 – 34.99	F	0.00	



- (b) 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) Part II 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 subcomponent (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 and Maxillofacial Surgery) 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) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS

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 80% or more of the aggregate combined marks of the components and at least 75% 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 COMMUNITY ORAL HEALTH

MODE: BY COURSEWORK

1. PROGRAMME CLASSIFICATION

This master's degree programme by coursework is 42 credits; 39 credits (92.9%) core courses and 3 credits (7.1%) elective courses. This is a one-year full time course comprising 2 semesters and one special semester. The maximum period of candidature is 8 semesters and 4 special semesters.

2. ADMISSION REQUIREMENTS

- (1) Bachelor of Dental Surgery or equivalent Qualification; AND
- (2) A minimum of two (2) years clinical practice after basic degree; AND
- (3) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practicing Certificate (APC) for local candidates; AND
- (4) Proof of registration with the dental regulatory body in another country for international candidate; AND
- (5) Verified by a Registered Medical Practitioner, University's Student Health Clinic that the applicant has a satisfactory level of health and is not suffering from any disease or any physical disability that could interfere with the study at the University; and fulfilled all immunization requirement specified for the academic programmes; AND
- (6) Pass the Faculty / Department interview.
- (7) 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 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
 - (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
 - (c) Pearson Test of Academic English (PTE Academic) with minimum score of 59; OR
 - (d) obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
 - (e) Malaysian University English Test (MUET) with minimal band 4.



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 nine (9) core courses, two (2) elective courses, and a research project.
 - (a) Core Courses: Five (5) courses to be successfully completed and passed in the first semester, three (3) courses to be successfully completed and passed in the second semester and one (1) course to be successfully completed in the special semester.
 - (b) Elective Courses: Two (2) elective courses are offered but candidates need to choose and register with only one of them. Classes will be conducted together with candidates registered with the Master of Public Health of Department of Social and Preventive Medicine, Faculty of Medicine, UM. The elective course is to be successfully completed and passed in the first and second semester.
 - (c) Research Project: The research project is taken in the first semester until the special 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.

Below are the Programme Learning Outcomes for the Master of Community Oral Health:



PLO 1	Demonstrate mastery of knowledge in the field of dental public health.
PLO 2	Apply functional work skills in dental public health practice.
PLO 3	Apply social behavioural theories to dental public health practice to promote behaviour change.
PLO 4	Conduct research related to health services or dental public health discipline.
PLO 5	Demonstrate leadership qualities through communicating and working effectively with peers and stakeholders.
PLO 6	Plan a solution for community oral health problems based on scientific evidence and critical thinking skills.
PLO 7	Manage information for lifelong learning.
PLO 8	Adhere to legal, ethical, and professional codes of practice

Master of Community Oral Health - Programme Learning Outcomes

5. COURSE REGISTRATION

Registration of courses shall be completed one week before the class begins, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.

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



8. SUBMISSIONS

A candidate shall submit his/her research report at least ONE month before the commencement of the examination date.

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

- a) 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) 2024.
- b) Candidates' assessment methods consist of formative and summative components and are described below. These assessments represent the integrated assessment of the candidates' cognitive, psychomotor and affective aspects. The assessments include the following:

Continuous assessments

These are continuous assessments for all courses, encompassing various components such as, but not limited to:

- (i) Class tests
- (ii) Seminar presentation
- (iii) Case report
- (iv) Group / individual assignments
- (v) Field reports
- (vi) Practical test
- (vii) Case Study

Research Project Assessments

The research project assessment consists of two components which are:

- (i) Research report
- (ii) Viva-voce



The Master or Community Oral Health programme consists of various courses, and each course has its own specific allocation of weightage for the continuous and final assessments, as indicated below.

DQD 7003 – FUNDAMENTALS OF DENTAL PUBLIC HEALTH AND PRIMARY HEALTH CARE

- Continuous assessment contributes 50% of the overall grade and includes seminar presentation, written assignment & class test.
- The final examination contributes 50% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

DQD 7004 - SOCIAL AND BEHAVIOURAL SCIENCE IN DENTISTRY

- Continuous assessment contributes 50% of the overall grade and includes case study presentation, case study report & oral presentations.
- The final examination contributes 50% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

DQD 7005 – HEALTH PROMOTION

- Continuous assessment contributes 50% of the overall grade and includes oral presentation, peer assessment, community assessment, written assignment.
- The final examination contributes 50% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

DQD 7006 – EPIDEMIOLOGY OF ORAL CONDITIONS

- Continuous assessment contributes 50% of the overall grade and includes class test & oral presentation.
- The final examination contributes 50% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

DQD 7007 – PREVENTIVE DENTISTRY

- Continuous assessment contributes 50% of the overall grade and includes modified OSCE, written assignment, module test.
- The final examination contributes 50% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.



DQD 7010 – COMPARATIVE STUDY OF THE ORAL HEALTH CARE DELIVERY SYSTEMS

- Continuous assessment contributes 100% of the overall grade and includes seminar presentation, report, field supervisor's assessment & peer review.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

DQD 7011 – LAW AND ETHICS IN DENTISTRY

- Continuous assessment contributes 50% of the overall grade and includes oral presentation & class test.
- The final examination contributes 50% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

DQD 7012 – BIOSTATISTICS

- Continuous assessment contributes 70% of the overall grade and includes practical test and class test.
- The final examination contributes 30% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

DQD 7013 – RESEARCH METHODOLOGY IN HEALTH SYSTEMS

- Continuous assessment contributes 50% of the overall grade and includes practical reports, class test & oral presentations.
- The final examination contributes 50% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

DQD 7014 – RESEARCH PROJECT

- Continuous assessment contributes to 10% (Proposal defence seminar)
- Final examination contributes 100% (research report and viva voce)
- The final result will be either a PASS or FAIL, with corresponding grades assigned.



Elective Courses from the Department of Social and Preventive Medicine, Faculty of Medicine, Universiti Malaya

MQB 7041 – OCCUPATIONAL HEALTH

- Continuous assessment contributes 60% of the overall grade and includes case study and individual assignment.
- The final examination contributes 40% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

MQB 7047 – PRINCIPLES OF MANAGEMENT IN HEALTH

- Continuous assessment contributes 50% of the overall grade and includes group work, assignment & case report.
- The final examination contributes 50% of the overall grade.
- The final result will be either a PASS or FAIL, with corresponding grades assigned.

Note: For further information of Elective Courses from the Social Preventive Medicine Department, please refer to the Master of Public Health (MPH) student handbook.

Marks	Grade	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	А	4.00	Distinction
75.00 – 79.99	A-	3.70	
70.00 - 74.99	B+	3.30	Pass
65.00 - 69.99	В	3.00	
60.00 - 64.99	B-	2.70	Fail
55.00 -59.99	C+	2.30	
50.00 - 54.99	С	2.00	
45.00 - 49.99	C-	1.70	
40.00 - 44.99	D+	1.30	
35.00 - 39.99	D	1.00	
00.00 - 34.99	F	0.00	

c) Grading Scheme



d) Minimum Requirements of Study

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

- i) must obtain a GPA and CGPA of not less than 3.00 in every semester until the completion of his/her studies.
- ii) 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.
- iii) 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.
- e) 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.

f) Failed and Terminated

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

- 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;
- (ii) He/she has obtained a GPA of less than 3.00 but more than 2.00 for three consecutive normal semesters.
- (iii) 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.

g) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS



10. AWARD OF THE DEGREE

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

- i) achieved a final CGPA of 3.0 and above; and
- ii) complete 42 credits as prescribed for the programme; and;
- iii) fulfil the language requirements prescribed for the programme; and
- iv) 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.

DOCTOR OF DENTAL PUBLIC HEALTH

MODE: BY MIX MODE

1. PROGRAMME CLASSIFICATION

The Doctorate's Degree programme is a three-year full-time programme comprising of coursework and research, with a total of 160 credits. There are 96 credits of coursework, including both taught courses and residency (60%), and 64 credits of research (40%). This coursework will be taught in Semesters 1 and 2 of Year 1 (35 credits), and residency will be conducted in Semesters 5 and 6 of Year 3 (61 credits). The research component (64 credits) will begin in Semester I (and continue through Semester 4 (Year 1 & 2) of the programme.

2. ADMISSION REQUIREMENTS

- (1) The admissions requirements to enroll in the Doctor of Dental Public Health (DrDPH) programme are as follows:
 - a) Master of Community Oral Health, Universiti Malaya with a minimum CGPA of 3.0, or equivalent recognised qualifications approved by the Senate.
 - b) Master in Dental Public Health other than Master of Community Oral Health, Universiti Malaya must have a Bachelor of Dental Surgery qualification or other equivalent qualification.
 - c) Candidates with a qualification other than Master of Community Oral Health, Universiti Malaya must pass any other requirements set by the faculty from time to time.
 - d) The candidate must enrol into the three-year programme directly upon graduation from the master programme, or not more than two (2) years after graduation.
 - e) A minimum of two (2) years clinical practice after a basic degree, excluding the Master's training.
 - f) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practicing Certificate (APC) for local candidates.
 - g) Proof of registration with the dental regulatory body in another country for international candidates.



(2) English Language Requirements:

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 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
- (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
- (c) Pearson Test of Academic English (PTE Academic) with minimum score of 59; OR
- (d) obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
- (e) Malaysian University English Test (MUET) with minimal band 4.

3. DURATION OF STUDY

This programme 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 programme comprises Six (6) core courses, nine (9) credits for elective courses, and a research project.
 - (a) **Core Courses**: Five (5) faculty's core courses, one (1) core course from the Department of Social and Preventive Medicine, UM, a research thesis (64 credits), and residency training (61 credits) have to be completed and passed with a GPA of at least 3.0 each in the respective semester.
 - (b) Elective Course: Candidates are required to take a 9 credits elective course offered by the Department of Community Oral Health and Clinical Prevention and the Department of Social and Preventive Medicine, Faculty of Medicine, UM. The elective course must be completed and passed with a GPA of 3.0 in the respective semester.



- (2) The details of each of the courses are described in the student's handbook provided by the Department. The following are the programme learning outcomes for the Doctor in Dental Public Health programme:
- (3) Programme Learning Outcomes:
 - PLO1 Synthesise knowledge in the field of dental public health.
 - PLO2 Adapt evidence-based dental public health skills to formulate innovative plans for community and clinical intervention programs at individual and community levels.
 - PLO3 Conduct research independently.
 - PLO4 Provide expert advice to society by building smart partnerships with relevant agencies/organisations/community in promoting oral health.
 - PLO5 Adhere to legal requirements and professional ethics in the practice of dental public health.
 - PLO6 Display leadership qualities by communication and working effectively with peers and stakeholders.
 - PLO7 Generate solutions to dental public health problems using scientific and critical thinking skills.
 - PLO8 Exhibit attributes of independent lifelong learners.
 - PLO9 Display skills in clinical governance.

5. COURSE REGISTRATION

Registration of courses shall be completed one week before the class begins, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.



6. **RESEARCH SUPERVISION**

- (1) The research component is regulated by the Supervision Policy for Postgraduate Candidates of the University of Malaya 2020.
- (2) The appointment of a supervisor and co-supervisor(s) shall be done at a point once a candidate's field of research is approved.
- (3) Where necessary, the appointment of a consultant(s) may be made.
- (4) The supervisor and co-supervisor(s) 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 as agreed by the Dean who shall then forward it to the Faculty.
- (5) A candidate whose progress is not satisfactory may have his/her candidature terminated by the Senate.

7. FIELD OF RESEARCH

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

8. SUBMISSION OF RESEARCH DISSERTATION

The thesis shall be written in English.

9. EXAMINATION OF CORE AND ELECTIVE COURSES

- 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 Degree) 2024.
- 2) Candidates' assessment methods consist of formative and summative components and are described below. These assessments represent the integrated assessment of the candidates' cognitive, psychomotor and affective aspects. The assessments include the following:



Continuous assessments

These are on-going assessments for all the core and elective courses which comprise:

- (i) Quizzes
- (ii) Assignments
- (iii) Logbook
- (iv) Clinical Audit
- (v) Peer-assessment
- (vi) Reflection
- (vii) Class participation
- (viii) Community Project Report
- (ix) Debate
- (x) Seminar (oral) Presentations
- (xi) Field supervisors' assessment
- (xii) Competency test

Each **core course** in the Doctor of Dental Public Health programme has its own weightage each of two types of assessments as shown below.

DWJ 8012 – ADVANCED RESEARCH METHODOLOGY IN HEALTH SYSTEMS

- Continuous Assessment contributes 100% (assignments, peerassessment, oral presentations and proposal presentations)
- Final result will either be PASS or FAIL with GRADES

DWJ 8003 – EVIDENCE BASED PUBLIC HEALTH FOR DENTISTRY

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

DWJ 8008 - COMMUNITY ORAL HEALTH

- Continuous Assessment contributes 100% (community project report, oral presentation, peer-assessment, community assessment, supervisor assessment)
- Final result will either be PASS or FAIL with GRADES



DWJ 8009 – CLINICAL PREVENTIVE DENTISTRY

- Continuous Assessment contributes 100% (logbook, competency test and clinical audit seminar and report)
- Final result will either be PASS or FAIL with GRADES

DWJ 8010 - RESIDENCY

- Continuous Assessment contributes 100% (logbook, field supervisors assessment, oral presentations, reflections, peer-assessment, assignments, reports)
- Final result will either be PASS or FAIL with GRADES

DWJ 8011 – ADMINISTRATION IN DENTAL PUBLIC HEALTH

- Continuous Assessment contributes 100% (oral presentation, assignment)
- Final result will either be PASS or FAIL with GRADES

DWJ 8013 -THESIS

- Continuous Assessment contributes 100% (proposal defense, proposal defense report, candidature defense, candidature defense report, final thesis and viva voce)
- Final result will either be PASS or FAIL with GRADES

MWA 8005 - HEALTH POLICY AND LEADERSHIP

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



Each **elective course** in the Doctor of Dental Public Health programme has its own weightage each of two types of assessments as shown below.

Elective Courses offered by Department of Community Oral Health & Clinical Prevention and the Department Social Preventive Department, Faculty of Medicine

DWJ 8006 – Advanced Biostatistics DWJ 8007 – Questionnaire design for Oral Health Survey MWA 8001 – Advanced Research Methods MWA 8035 – Epidemiological Methods and Practice in Public Health MWA 8039 – Social and Behavioural Sciences in Public Health Practices MWA 8036 – Safety, Health and Human Resource Management MWA 8037 – Advanced Data Analysis MWA 8038 – Epidemiology of Diseases

Note: For further information on Elective Courses from the Social Preventive Medicine Department, please refer to the Doctor of Public Health (DrPH) student handbook.

Marks	Grade	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	A	4.00	Distinction
75.00 – 79.99	A-	3.70	Distinction
70.00 - 74.99	B+	3.30	Pass
65.00 – 69.99	В	3.00	
60.00 - 64.99	В-	2.70	Fail
55.00 -59.99	C+	2.30	
50.00 - 54.99	С	2.00	
45.00 - 49.99	C-	1.70	
40.00 - 44.99	D+	1.30	
35.00 - 39.99	D	1.00	
00.00 - 34.99	F	0.00	

a) Grading Scheme



b) Minimum Requirements of Study

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

- i) must obtain a GPA and CGPA of not less than 3.00 in every semester until the completion of his/her studies.
- ii) 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.
- iii) 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.
- c) 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 satisfactory progress and what the candidate is required to do to achieve it.

d) Failed and Terminated

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

- (i) 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;
- (ii) He/she has obtained a GPA of less than 3.00 but more than 2.00 for three consecutive normal semesters.



(iii) 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.

e) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS

10. EXAMINATION OF THESIS

- 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 reexamination 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 Degree) 2024.

11. 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 programme. 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 programme 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 programme of study;
 - (c) Fulfil the language requirements as may be determined for the programme of study as stipulated in the **University of Malaya Rules** and Regulations (Doctorate Degree) 2024.



(d) Has shown proof of **at least one accepted manuscript** in **SCOPUS/ISI** indexed journals.

12. 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;
- (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.

13. 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.

DOCTOR IN PAEDIATRIC DENTISTRY

MODE: BY CLINICAL COURSEWORK

1. **PROGRAMME OF STUDY**

The Doctor in Paediatric Dentistry (DrPaedDent) is a 3-year, full-time programme with 30% research component, designed for dental graduates with a master's degree who wish to pursue specialist training in Paediatric Dentistry. The course aims to produce specialists who are clinically competent in the field of Paediatric Dentistry and are able to function as members of the health care delivery system with the highest standards of professional ethics while adapting to the changing needs of the community.

2. ADMISSION REQUIREMENTS

- (1) Bachelor of Dental Surgery or equivalent qualification,
- (2) Master's degree in dental sciences or equivalent qualification as required by HEP. The Master programme must have a total Student Learning Time (SLT) ranging from 1600 – 2000 hours. A minimum of 800 – 1000 hours of this programme must include foundation specialty component, or equivalent, which contributes towards the specialty training,
- (3) The candidate must enrol into the three-year programme directly upon graduation from the master programme, or not more than two (2) years after graduation,
- (4) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) for local candidates,
- (5) Proof of registration with the dental regulatory body in another country for international candidates,
- (6) A minimum of two (2) years clinical practice after a basic degree, excluding the Master's training,
- (7) Verified by a Registered Medical Practitioner, University's Student Health Clinic that the applicant has a satisfactory level of health and is not suffering from any disease or any physical disability that could interfere with the study at the University; and fulfilled all immunization requirement specified for the academic programmes; AND
- (8) 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 following):



- (a) Obtained 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
- (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
- (c) Obtained a minimum score of 59 for the Pearson Test of Academic English (PTE Academic); OR
- (d) Obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
- (e) Obtained a minimum band of 4.0 for the Malaysian University English Test (MUET).

3. DURATION OF STUDY

This programme shall extend over a minimum period of six (6) semesters and a maximum period of eight (8) semesters.

4. STRUCTURE OF PROGRAMME OF STUDY

(1) Programme Learning Outcomes:

At the end of the Doctor in Paediatric Dentistry programme, the graduates must be able to:

- (i) Apply scientific evidence-based knowledge for problem-solving and patient care in Paediatric Dentistry.
- (ii) Identify and diagnose clinical problems associated with development of permanent and/or primary teeth and related structures, provide appropriate holistic specialist health care, plan follow up care and solve related problems.
- (iii) Identify and work alongside relevant colleagues/agencies/organisations/ communities in promoting oral health care of children.



- (iv) Apply legal, ethical and professional code of practice in the oral care of children and demonstrate good values and attitudes in the management of clinical problems.
- (v) Communicate effectively with colleagues, health care professionals, relevant agencies, patients and the community at large and exhibit good leadership and teamwork skills in promoting the oral health of children.
- (vi) Critically appraise and utilise advances in scientific knowledge and technology for oral health care of children.
- (vii) Integrate information for lifelong learning and continuing professional development to further improve their knowledge and skills in Paediatric Dentistry.
- (viii) Apply the principles of social entrepreneurship and good management skills in promoting the oral health of children
- (2) This programme shall consist of the following:
 - (a) Faculty Core course
 - (i) <u>Research Methodology course (DVX 8001)</u>

This course comprises of mid and advanced level Research Methodology and Biostatistics components. Students are introduced to relevant research methodology and principles in conducting clinical, applied and basic research. Concepts in biostatistics are covered and supplemented with hands-on session using statistical software which enables students to perform relevant analysis, correct interpretation and presentation of data. The course also provides opportunities for students to practice intellectual thinking and scientific writing.

- (b) Programme Core Courses
 - (i) Dissertation (Paediatric Dentistry) (DYC 8002)

Comprising research in the field of Paediatric Dentistry.

(ii) Paediatric Dentistry I (DYC 8003)

Comprising teaching, training and clinical coursework in the speciality of Paediatric Dentistry.



(iii) Paediatric Dentistry II (DYC 8004)

Comprising clinical attachment in the specialty option at local/international tertiary centers under supervision of paediatric dentistry consultants approved by the University and/or Ministry of Health.

(c) 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 for courses shall be completed one week before the class begins, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.

6. ACADEMIC SUPERVISION

- (i) The appointment of a research 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.
- (ii) The consultant appointed to the candidate at centers of attachment shall submit a report on the candidature clinical progress to the Head of Department at the end of each posting and/or six months' interval for a posting longer than six months.

7. FIELD OF RESEARCH

- (i) The field of research shall be determined prior to the candidate's embarkation on research work.
- (ii) The candidate must satisfactorily complete the research proposal presentation and candidature defense during the research project.



8. SUBMISSIONS

- (i) A candidate shall submit his/her dissertation in semester five (5) by the date prescribed by the department/faculty/university before the examination.
- (ii) A candidate shall submit his/her case reports at least ONE month before the commencement date of Part I and Final Professional examination or by the date prescribed by the department.
- (iii) A candidate shall submit his/her logbook by the date prescribed by the department before the examination.

9. EXAMINATION

- 1) The examination leading to the degree of Doctor in Paediatric Dentistry (DrPaedDent) by clinical coursework shall be the:
 - a) Part I Professional examination
 - i. The Part I Professional examination shall be held at the end of Year 2 of the programme of study. Candidates shall be permitted to sit for the Part I Professional examination following the fulfillment of the requirement below;
 - obtained minimum of 65% marks of the ongoing assessment component of the Part I Professional exam.
 - submitted his/her case reports for examination not earlier than
 ONE month before the Part I Professional examination.
 - b) Dissertation (Paediatric Dentistry)
 - i. The examination for Dissertation (Paediatric Dentistry) shall be held at the end of Semester 1, Year 3 of the programme of study. Candidates shall be permitted to sit for the Dissertation (Paediatric Dentistry) examination following
 - satisfactory completion of the research proposal presentation and candidature defense presentation.
 - A candidate shall submit his/her dissertation in semester five (5) by the date prescribed by the department/faculty/university before the examination.



- c) Final Professional Examination
 - i. The Final Professional examination shall be held at the end of Year 3 of the programme of study. No candidate shall be permitted to proceed to the Final Professional examination unless he has:
 - passed the Part I Professional examination.; and
 - submitted his/her case reports and logbook for examination by the date prescribed by the department prior to the Final Professional examination.
- 2) Examination Components and Allocation of Marks
 - a) Part I Professional Examination

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

	Component	Weightage
Section A	i. Written Exam ii. Clinical Components	60%
Section B	Continuous assessment	40%
Grand Total		100%

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

b) Dissertation (Paediatric Dentistry) examination

The components of the Dissertation (Paediatric Dentistry) examination shall be as follows:

Component	Assessment	
Dissertation evaluation		
Viva Voce	Pass/Fail (refer below for grading)	

Candidates are required to attend the viva voce for the Dissertation. Marks and grades will not be given in the dissertation examination. The candidate has to satisfy the requirements for this part of the programme.



c) Final Professional Examination

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

Component		Allocation of Marks (Maximum)
Section A	General Viva Voce	60%
Section B	Clinical Case presentation	20%
	Logbook (Clinical Attachment)	20%
	Grand Total	100

3) Examination Assessment

Marking Scheme

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

Marks	Grade	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	A	4.00	Distinction
75.00 – 79.99	A-	3.70	Distinction
70.00 – 74.99	B+	3.30	Pass
65.00 – 69.99	В	3.00	
60.00 - 64.99	B-	2.70	
55.00 -59.99	C+	2.30	
50.00 - 54.99	С	2.00	
45.00 – 49.99	C-	1.70	Fail
40.00 - 44.99	D+	1.30	
35.00 - 39.99	D	1.00	
00.00 - 34.99	F	0.00	



- b) For the Part I Professional 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.
- c) For the Dissertation (Paediatric Dentistry) Examination:

The committee of examiners shall consider the examiner reports for dissertation, candidate dissertation and *viva voce* examination according to **University of Malaya Rules and Regulations** (Doctorate Degree) 2024 to recommend whether the candidate

- i) will be awarded a distinction
- ii) has achieved sufficient academic merit to be awarded a Degree without the need to make amendments/corrections.
- iii) has achieved sufficient academic merit to be awarded a degree subject to the candidate making minor corrections in a period not exceeding three (3) months and confirmed by the supervisor.
- iv) has achieved sufficient academic merit to be awarded a degree subject to the candidate making major corrections in a period not exceeding six (6) months and confirmed by the supervisor and internal examiner.
- v) is required to do further research and submit a dissertation for re-examination within six (6) to twelve (12) months.
- vi) does not achieve academic merit and recommends to the committee of examiners that the candidate has failed in dissertation examination and is not allowed to submit a dissertation for re-examination.



4) 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 Professional Examination

65% or more of the marks for Section A and Section B and 65% or more of the aggregate combined marks for Section A and Section B of the Part I Professional examination.

- b) Dissertation (Paediatric Dentistry) Examination
 - i) is awarded a distinction
 - ii) has achieved sufficient academic merit to be awarded a Degree without the need to make amendments/corrections.
 - iii) has achieved sufficient academic merit to be awarded a degree subject to the candidate making minor corrections in a period not exceeding three (3) months and confirmed by the supervisor.
 - iv) has achieved sufficient academic merit to be awarded a degree subject to the candidate making major corrections in a period not exceeding six (6) months and confirmed by the supervisor and internal examiner.
- (a) Final Professional Examination

65% or more of the marks for Section A and Section B and 65% or more of the aggregate combined marks for Section A and Section B of the Final Professional examination.



- 5) Repeating an Examination
 - a) Part I Professional Re-Examination
 - (i) A candidate who has failed the Part I professional examination shall be required to repeat the Part I professional examination after repeating such parts of the course over a period as determined by the Committee of Examiners and approved by the Faculty.
 - (ii) In a Part I Professional Re-examination, the candidate is required to re-sit only the first professional examination and shall be deemed to have passed the continuous assessment with a highest-grade B after attaining at least 65% marks in Section B.
 - (iii) A candidate who fails the Part I Professional examination twice consecutively shall be terminated from the Doctor in Paediatric Dentistry (DrPaedDent) degree programme and be refused readmission to the programme.
 - b) Dissertation (Paediatric Dentistry) Re-Examination
 - (i) A candidate's dissertation that is deemed unsatisfactorily by the Committee of Examiners may be referred for further work over a period 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 dissertation for re-examination.
 - (ii) A candidate who failed to submit his/her dissertation by the end of a prescribed period for corrections or re-examination or whose dissertation after re-submission, fails to satisfy the Committee of Examiners, shall be deemed to have failed the reexamination in the dissertation.



- c) Final Professional Re-Examination
 - (i) A candidate who has failed the final professional examination shall be required to re-sit the final professional examination.
 - (ii) A candidate who has failed the final professional re-examination twice consecutively shall be terminated from the Doctor in Paediatric Dentistry (DrPaedDent) degree programme and be refused readmission to the programme except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of the Senate.
 - (iii) A candidate who has passed the re-examination for the examinations mentioned above shall be deemed to have passed the prescribed examinations.

6) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS



10. AWARD OF PASS WITH DISTINCTION FOR THE EXAMINATION

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

- a) obtained 80% or more of the aggregate combined marks of the components and at least 75% or more of the marks of each component in the prescribed examinations;
- b) not failed any component of the prescribed examinations; and;
- c) not repeat 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 Doctor in Paediatric Dentistry (DrPaedDent) if he/she has:

- a) passed the Part I Professional examination, Dissertation (Paediatric Dentistry) and Final Professional examination for the degree of Doctor in Paediatric Dentistry (DrPaedDent) as prescribed above; and
- b) satisfactorily fulfilled the requirements of the Research Methodology course.



12. AWARD OF THE DEGREE WITH DISTINCTION

A candidate may be awarded the degree of Doctor in Paediatric Dentistry (DrPaedDent) (with Distinction) if he/she has:

- a) passed with Distinction in the Part I Professional examination, Dissertation (Paediatric Dentistry) and Final Professional examination for the degree of Doctor in Paediatric Dentistry (DrPaedDent) as prescribed above; and
- b) not repeated the Part I Professional examination, Dissertation (Paediatric Dentistry) examination or the Final Professional examination or any part of the programme of study leading to Part I Professional examination, the Dissertation (Paediatric Dentistry) examination or the Final Professional examination except on medical or compassionate grounds acceptable to the Faculty; and
- c) Not failed any component of the prescribed examinations; and
- d) Completed the programme of study in a period not exceeding six (6) ordinary semesters from the initial semester of candidate registration.

DOCTOR IN PERIODONTOLOGY

MODE: BY CLINICAL COURSEWORK

1. PROGRAMME OF STUDY

The Doctor in Periodontology (DrPerio) is a 3-year full time programme that offers specialty training in the field of periodontology. This programme is a new standard specialist training as agreed by the Joint Technical Committee for Evaluation for Dental Specialty Programme (JTCEDSP) and the Malaysian Qualifying Agency (MQA). The programme has been carefully arranged and structured, for a specified duration of time and volume of learning by coursework, to prepare the candidates with adequate clinical knowledge and skills in the field of periodontology. This programme will train local and foreign general dental practitioners to become periodontists who are competent and able to function as dental specialists. This vision can be achieved through research, innovation, publication and teaching of international standard. The programme will also advance knowledge, teaching and learning in periodontology through quality research and education for the nation and for humanity.

2. ADMISSION REQUIREMENTS

- (1) Bachelor of Dental Surgery or equivalent qualification,
- (2) Master's degree in dental sciences or equivalent qualification as required by HEP. The Master programme must have a total Student Learning Time (SLT) ranging from 1600 – 2000 hours. A minimum of 800 – 1000 hours of this programme must include foundation specialty component in Periodontology, or equivalent, which contributes towards the specialty training,
- (3) The candidate must enrol into the three-year programme directly upon graduation from the master programme, or not more than two (2) years after graduation,
- (4) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) for local candidates,
- (5) Proof of registration with the dental regulatory body in another country for international candidates,
- (6) A minimum of two (2) years clinical practice after a basic degree, excluding the Master's training,
- (7) Verified by a Registered Medical Practitioner, University's Student Health Clinic that the applicant has a satisfactory level of health and is not suffering from any disease or any physical disability that could interfere



with the study at the University; and fulfilled all immunization requirement specified for the academic programmes; AND

- (8) 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 following):
 - (a) Obtained 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
 - (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
 - (c) Obtained a minimum score of 59 for the Pearson Test of Academic English (PTE Academic); OR
 - (d) Obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
 - (e) Obtained a minimum band of 4.0 for the Malaysian University English Test (MUET).

3. DURATION OF STUDY

This programme shall extend over a minimum period of six (6) semesters and a maximum period of eight (8) semesters.

4. STRUCTURE OF PROGRAMME OF STUDY

(1) Programme Learning Outcomes:

At the end of the programme, graduates are able to:

- (a) Synthesize knowledge in the field of periodontology.
- (b) Adapt evidence based clinical procedures towards proficient patient management in the field of periodontology.
- (c) Conduct research independently.



- (d) Provide expert advise in the discipline of periodontology to society.
- (e) Adhere to laws, ethics and professional code of practice.
- (f) Display leadership qualities expertise through communication and team work with peers and stake holders.
- (g) Generate solutions to problems using scientific and critical thinking skills in the field of periodontology.
- (h) Exhibit attributes of independent lifelong learners.
- (i) Display skills in clinical governance.
- (2) This programme shall consist of the following:
 - (a) Faculty Core course
 - (i) <u>Research Methodology course (DVX 8001)</u>

This course comprises of mid and advance level of Research Methodology and Biostatistics components. Students are introduced to relevant research methodology and principles in conducting clinical, applied and basic research. Concepts in biostatistics are covered and supplemented with hands-on session using statistical software which enables students to perform relevant analysis, correct interpretation and presentation of data. The course also provides opportunities for students to practice intellectual thinking and scientific writing.

- (b) Programme Core Courses
 - (i) Dissertation (Periodontology) (DYF 8002)

The learning strategies include writing research proposal, completing ethical and grant application, conducting research and writing the dissertation. Formative assessment includes continuous monitoring of research progress via research presentation and progress report by the appointed supervisors.



(ii) Periodontology I (DYF 8003)

The learning strategies include a combination of conventional and non-conventional teaching and learning activities such as simulation, lecture, seminar, clinical session (inclusive of non-surgical and surgical periodontal therapy, and multidisciplinary management), journal club, assignment and assignment presentation, case report and case presentation, undergraduate clinical supervision and clinical audit.

(iii) Periodontology II (DYF 8004)

The learning strategies include a combination of conventional and non-conventional teaching and learning activities such as simulation, lecture, seminar, clinical session (focusing on advanced periodontal surgical management and dental implant therapy), journal club, assignment and assignment presentation, case report and case presentation, undergraduate clinical supervision and local/oversea clinical attachment.

(c) 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 completed one week before the class begins, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.

6. ACADEMIC SUPERVISION

- (i) The appointment of a research 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.
- (ii) The consultant appointed to the candidate at centers of attachment shall submit a report on the candidature clinical progress to the Head of Department at the end of each posting and/or six months' interval for a posting longer than six months.



7. FIELD OF RESEARCH

- (i) The determination of the field of research shall be done prior to the candidate's embarkation on research work.
- (ii) The candidate is required to satisfactorily complete the research proposal presentation and candidature defense during the course of the research project.

8. SUBMISSIONS

- (i) A candidate shall submit his/her dissertation in semester five (5) by the date prescribed by the department/faculty/university before the examination.
- (i) A candidate shall submit his/her case reports at least ONE month before the commencement date of Part I and Final Professional examination or by the date prescribed by the department.
- (ii) A candidate shall submit his/her logbook by the date prescribed by the department prior to the examination.

9. EXAMINATION

- 1) The examination leading to the degree of Doctor in Periodontology (DrPerio) by clinical coursework shall be the:
 - a) Research Methodology (DVX8001)

The Research Methodology examination shall be held at the end of Semester 1, Year 1 of the programme of study.

a) Part I Professional examination

The Part I Professional examination shall be held at the end of semester 4, Year 2 of the programme of study. No candidate shall be permitted to sit for the Part I Professional examination unless he/she has:

- obtained at least 65% marks of the continuous assessment component of the Part I Professional examination.
- submitted his/her case reports for examination not later that ONE month before the Part I Professional examination.



b) Dissertation (Periodontology)

The examination for Dissertation (Periodontology) shall be held at the end of Semester 5 or early Semester 6, Year 3 of the programme of study. No candidate shall be permitted to sit for the Dissertation (Periodontology) examination unless he/she has

- satisfactorily completed the research proposal presentation and candidature defense presentation.
- c) Final Professional Examination

The Final Professional examination shall be held at the end of Semester 6, Year 3 of the programme of study. No candidate shall be permitted to proceed to the Final Professional examination unless he has:

- passed the Part I Professional examination.; and
- submitted his/her case reports and logbook for examination by the date prescribed by the department prior to the Final Professional examination.
- 2) Examination Components and Allocation of Marks
 - a) Part I Professional Examination

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

Component	Subcomponent	Allocation of Marks (Maximum)	
	Continuous assessment		
	(a) Case Presentation – 25%	40%	
Section A	(b) Assignment – 25%		
Section A	(c) Theory/Written – 25%		
	(d) Year 1, Summative		
	Assessment – 25%		
Section B	Professional Examination		
	(a) Theory/Written – 50%		
	(b) Clinical Exam & Clinical	60%	
	Case Report – 25%		
	(c) Viva Voce – 25%		
	Grand Total	100%	



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

b) Dissertation (Periodontology) examination

The components of the Dissertation (Peridontology) examination shall be as follows:

Component	Assessment
Dissertation evaluation	Pass (Fail (refer below for grading)
Viva Voce	Pass/Fail (refer below for grading)

Candidates are required to attend the viva voce for the Dissertation. Marks and grades will not be given in the dissertation examination.

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

c) Final Professional Examination

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

Component	Subcomponent	Allocation of Marks (Maximum)	
	Continuous assessment	40%	
Section A	(a) Case Presentation – 20%		
Section A	(b) Assignment – 40%		
	(c) Theory/Written – 40%		
Section B	Professional Examination		
	(a) Theory/Written – 50%		
	(b) Clinical Exam & Case	60%	
	Report – 25%		
	(c) Viva Voce – 25%		
	Grand Total	100%	



3) Examination Assessment

Marking Scheme

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

Marks	Grade	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	А	4.00	Distinction
75.00 – 79.99	A-	3.70	
70.00 – 74.99	B+	3.30	Pass
65.00 – 69.99	В	3.00	Pass
60.00 - 64.99	B-	2.70	
55.00 -59.99	C+	2.30	
50.00 - 54.99	С	2.00	
45.00 – 49.99	C-	1.70	Fail
40.00 - 44.99	D+	1.30	
35.00 – 39.99	D	1.00	
00.00 – 34.99	F	0.00	

- b) For the Part I Professional 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.
- c) For the Dissertation (Periodontology) Examination:

The committee of examiners shall consider the examiner reports for dissertation, candidate dissertation and *viva voce* examination according to **University of Malaya Rules and Regulations** (Doctorate Degree) 2024 to recommend whether the candidate

- i) will be awarded a distinction
- ii) has achieved sufficient academic merit to be awarded a Degree without the need to make amendments/corrections.



- iii) has achieved sufficient academic merit to be awarded a degree subject to the candidate making minor corrections in a period not exceeding three (3) months and confirmed by the supervisor.
- iv) has achieved sufficient academic merit to be awarded a degree subject to the candidate making major corrections in a period not exceeding six (6) months and confirmed by the supervisor and internal examiner.
- v) is required to do further research and submit a dissertation for re-examination within six (6) to twelve (12) months.
- vi) does not achieve academic merit and recommends to the committee of examiners that the candidate has failed in dissertation examination and is not allowed to submit a dissertation for re-examination.
- 4) 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 Professional Examination

Candidate must attain at least 50% in Sections A and B respectively, and 65% of the aggregate combined marks for Sections A and B to obtain a pass.

- b) Dissertation (Periodontology) Examination
 - i) is awarded a distinction
 - ii) has achieved sufficient academic merit to be awarded a Degree without the need to make amendments/corrections.
 - iii) has achieved sufficient academic merit to be awarded a degree subject to the candidate making minor corrections in a period not exceeding three (3) months and confirmed by the supervisor.



- iv) has achieved sufficient academic merit to be awarded a degree subject to the candidate making major corrections in a period not exceeding six (6) months and confirmed by the supervisor and internal examiner.
- (c) Final Professional Examination

Candidate must attain at least 50% in Sections A and B respectively, and 65% of the aggregate combined marks for Sections A and B to obtain a pass.

- 5) Repeating an Examination
 - a) Part I Professional Re-Examination
 - (i) Candidate who has not achieved the above requirement shall be required to repeat the Part I Professional Examination in the next academic year.
 - (ii) Continuous assessment marks shall be determined based on the clinical schedule and other assessment activities assigned to the repeat candidate which will be set by the department.
 - (iii) Candidate must attain at least 50% in Sections A and B respectively, and 65% of the aggregate combined marks for section A and B to obtain a pass.
 - b) Dissertation (Periodontology) Re-Examination
 - (i) A candidate's dissertation 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 dissertation for re-examination.
 - (ii) A candidate who failed to submit his/her dissertation by the end of a prescribed period for corrections or re-examination or whose dissertation after re-submission, fails to satisfy the Committee of Examiners, shall be deemed to have failed the reexamination in the dissertation.



- c) Final Professional Re-Examination
 - (i) Candidate who has not achieved the above requirements shall be required to repeat the Final Professional Examination, provided has not exceeded the maximum candidature period.
 - (ii) Continuous assessment marks shall be determined based on the clinical schedule and other assessment activities assign to the repeat candidate which will be set by the department.
 - (iii) A candidate who failed the Final Professional Examination and has exceeded the maximum candidature period will be deemed as failed out.
- 6) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS



10. AWARD OF PASS WITH DISTINCTION FOR THE EXAMINATION

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

- a) Obtained 80% or more of the aggregate combined marks of the components and at least 75% or more of the marks of each component in the prescribed examinations; and
- 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 Doctor in Periodontology (DrPerio) if he/she has:

- a) passed the Part I Professional examination, Dissertation (Periodontology) and Final Professional examination for the degree of Doctor in Periodontology (DrPerio) as prescribed above; and
- b) satisfactorily fulfilled the requirements of the Research Methodology course.



12. AWARD OF THE DEGREE WITH DISTINCTION

A candidate may be awarded the degree of Doctor in Periodontology (DrPerio) (with Distinction) if he/she has:

- a) passed with at least Distinction in the Research Methodology course; AND awarded a distinction in the Dissertation (Periodontology) course; AND passed with Distinction in the Part I and the Final Professional examinations for the degree of Doctor in Periodontology (DrPerio) as prescribed above; and
- b) not repeated the Part I Professional examination, Dissertation (Periodontology) examination or the Final Professional examination or any part of the programme of study leading to Part I Professional examination, the Dissertation (Periodontology) examination or the Final Professional examination except on medical or compassionate grounds acceptable to the Faculty.
- c) Not failed any component/subcomponent of the prescribed examinations;
- d) completed the programme of study in a period not exceeding six (6) ordinary semesters from the initial semester of candidate registration.

DOCTOR IN ORAL MAXILLOFACIAL PATHOLOGY AND ORAL MEDICINE

MODE: BY CLINICAL COURSEWORK

1. PROGRAMME OF STUDY

The Doctor in Oral Maxillofacial Pathology and Oral Medicine (DrOMPathMed) is a 3-year, full-time programme with 30% research component, designed for dental graduates with a Master degree who wish to pursue specialist training in Oral Maxillofacial Pathology and Oral Medicine. The programme aims to produce Oral Maxillofacial Pathology and Oral Medicine specialists who adhere to the highest standards of professional ethics, are knowledgeable, competent in clinicopathological diagnosis, have social responsibility, and are adaptable to the changing needs of the community.

2. ADMISSION REQUIREMENTS

- (1) Bachelor of Dental Surgery or equivalent qualification,
- (2) Master's degree in dental sciences or equivalent qualification as required by HEP. The Master programme must have a total Student Learning Time (SLT) ranging from 1600 – 2000 hours. A minimum of 800 – 1000 hours of this programme must include foundation specialty component in Applied Oral Pathology, or equivalent, which contributes towards the specialty training,
- (3) The candidate must enrol into the three-year programme directly upon graduation from the master programme, or not more than two (2) years after graduation,
- (4) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) for local candidates,
- (5) Proof of registration with the dental regulatory body in another country for international candidates,
- (6) A minimum of two (2) years clinical practice after a basic degree, excluding the Master's training,
- (7) Verified by a Registered Medical Practitioner, University's Student Health Clinic that the applicant has a satisfactory level of health and is not suffering from any disease or any physical disability that could interfere with the study at the University; and fulfilled all immunization requirement specified for the academic programmes; AND



- (8) Fulfills English Competency Requirement for Malaysian and non-Malaysian citizens who obtain qualifications from University or Higher Education Institute outside Malaysia (any ONE of the following):
 - (a) Obtained 60 for the Internet-based total (IBT Centre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
 - (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
 - (c) Obtained a minimum score of 59 for the Pearson Test of Academic English (PTE Academic); OR
 - (d) Obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
 - (e) Obtained a minimum band of 4.0 for the Malaysian University English Test (MUET).

3. DURATION OF STUDY

This programme shall extend over a minimum period of six (6) semesters and a maximum period of eight (8) semesters.

4. STRUCTURE OF PROGRAMME OF STUDY

(1) Programme Learning Outcomes:

At the end of the Doctor in Oral Maxillofacial Pathology and Oral Medicine programme, the graduates must be able to:

- (i) Synthesize knowledge towards diagnosis, evidenced-based patient care and original research in the specialty of Oral Maxillofacial Pathology and Oral Medicine.
- (ii) Adapt practical and clinical skills to carry out investigations required for diagnosis and management of patients with Oral and Maxillofacial disorders.



- (iii) Provide comprehensive and holistic specialist healthcare relating to the specialty of Oral Maxillofacial Pathology and Oral Medicine.
- (iv) Conduct research independently adhering to legal, ethical and professional code of practice in the specialty of Oral Maxillofacial Pathology and Oral Medicine.
- (v) Display leadership skills through effective communication with colleagues, other healthcare professionals, relevant agencies and patients.
- (vi) Apply advances in scientific knowledge and technology in decisionmaking pertaining to evidence-based patient care, and research in the specialty of Oral Maxillofacial Pathology and Oral Medicine.
- (vii) Integrate information for lifelong learning in solving problems at the patient and community level.
- (viii) Practice independently as part of an effective management of clinical specialist practice in the field of Oral Maxillofacial Pathology and Oral Medicine.
- (2) This programme shall consist of the following:
 - (a) Faculty Core course
 - (i) <u>Research Methodology course (DVX 8001)</u>

This course comprises mid and advanced levels of Research Methodology and Biostatistics components. Students are introduced to relevant research methodology and principles in conducting clinical, applied and basic research. Concepts in biostatistics are covered and supplemented with hands-on sessions using statistical software which enables students to perform relevant analysis, correct interpretation and presentation of data. The course also provides opportunities for students to practice intellectual thinking and scientific writing.

- (b) Programme Core Courses
 - (i) <u>Dissertation (Oral Maxillofacial Pathology & Oral Medicine) (DYA</u> 8002)

Comprising research in the field of Oral Maxillofacial Pathology & Oral Medicine.

(ii) Oral Maxillofacial Pathology & Oral Medicine I (DYA 8003)

Comprising teaching, training and clinical coursework in the specialty of Oral Maxillofacial Pathology & Oral Medicine.

(iii) Oral Maxillofacial Pathology & Oral Medicine II (DYA 8004)

Comprising attachments in clinical and laboratory units in the specialty at local/international tertiary centres under supervision of Oral Maxillofacial Pathology & Oral Medicine consultants approved by the University and/or Ministry of Health.

(c) 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 completed one week before the classes begin, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.

6. ACADEMIC SUPERVISION

- (i) The appointment of a research 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.
- (ii) The consultant appointed to the candidate at centers of attachment shall submit a report on the candidate's progress to the Head of Department at the end of each posting.



7. FIELD OF RESEARCH

- (i) The determination of the field of research shall be done prior to the candidate's embarkation on research work.
- (ii) The candidate is required to satisfactorily complete the research proposal presentation and candidature defense during the course of the research project.

8. SUBMISSIONS

- (i) A candidate shall submit his/her dissertation in semester five (5) by the date prescribed by the department/faculty/university before the examination.
- (ii) A candidate shall submit his/her case reports at least ONE month before the commencement date of the First and Second Professional examinations or by the date prescribed by the department.
- (iii) A candidate shall submit his/her logbook by the date prescribed by the department prior to the examination.

9. EXAMINATION

- The examination leading to the degree of Doctor in Oral Maxillofacial Pathology & Oral Medicine (DrOMPathMed) by clinical coursework shall be the:
 - a) Professional examination I
 - i. The Professional examination I shall be held at the end of Semester 4, Year 2 of the programme of study. No candidate shall be permitted to sit for the Professional examination I unless he/she has:
 - satisfied the clinical requirement set by the Department.
 - obtained at least 65% marks for the continuous assessment component of the Professional examination I.
 - b) Dissertation (Oral Maxillofacial Pathology & Oral Medicine)
 - i. The examination for Dissertation (Oral Maxillofacial Pathology & Oral Medicine) shall be held at the end of Semester 5, Year 3 of the



programme of study. No candidate shall be permitted to sit for the Dissertation (Oral Maxillofacial Pathology & Oral Medicine) examination unless he/she has

- satisfactorily completed the research proposal presentation and candidature defense presentation.
- c) Professional Examination II
 - ii. The Professional examination II shall be held at the end of Semester6, Year 3 of the programme of study. No candidate shall be permitted to proceed to the Professional examination II unless he/she has:
 - passed the Professional examination I.; and
 - submitted his/her case reports and logbook for examination by the date prescribed by the department prior to the Professional examination II.
- 2) Examination Components and Allocation of Marks
 - a) Professional Examination I

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

Component	Subcomponent	Allocation of Marks (Maximum)
	Professional Examination	60%
	a) Theory	40%
Section A	b) Clinical (including viva-voce)	30%
	c) Practical (including viva-voce)	30%
Section B	Continuous assessment	40%
	Grand Total	100%

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



b) Dissertation (Oral Maxillofacial Pathology & Oral Medicine) examination

The components of the Dissertation (Oral Maxillofacial Pathology & Oral Medicine) examination shall be as follows:

Component	Assessment	
Dissertation evaluation	Pass/Fail (refer below for grading)	
Viva Voce		

Candidates are required to attend the viva voce for the Dissertation.

Marks and grades will not be given in the dissertation examination.

Candidates have to satisfy the requirements for this part of the programme.

c) Professional Examination II

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

	Component	Allocation of Marks (Maximum)
Section A	Viva voce (clinical and practical)	60%
Section B	Continuous assessment	40%
	Grand Total	100



3) Examination Assessment

Marking Scheme

Marks	Grade	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	А	4.00	Distinction
75.00 – 79.99	A-	3.70	Distinction
70.00 – 74.99	B+	3.30	Decc
65.00 – 69.99	В	3.00	Pass
60.00 - 64.99	B-	2.70	
55.00 -59.99	C+	2.30	
50.00 - 54.99	С	2.00	
45.00 - 49.99	C-	1.70	Fail
40.00 - 44.99	D+	1.30	
35.00 – 39.99	D	1.00	
00.00 – 34.99	F	0.00	

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

- b) For the Professional Examination I:
 - (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.
- c) For the Dissertation (Oral Maxillofacial Pathology & Oral Medicine) Examination:

The committee of examiners shall consider the examiner reports for dissertation, candidate dissertation and *viva voce* examination according to **University of Malaya Rules and Regulations** (Doctorate Degree) 2024 to recommend whether the candidate



- i) will be awarded a distinction
- ii) has achieved sufficient academic merit to be awarded a Degree without the need to make amendments/corrections.
- iii) has achieved sufficient academic merit to be awarded a degree subject to the candidate making minor corrections in a period not exceeding three (3) months and confirmed by the supervisor.
- iv) has achieved sufficient academic merit to be awarded a degree subject to the candidate making major corrections in a period not exceeding six (6) months and confirmed by the supervisor and internal examiner.
- v) is required to do further research and submit a dissertation for re-examination within six (6) to twelve (12) months.
- vi) does not achieve academic merit and recommends to the committee of examiners that the candidate has failed in dissertation examination and is not allowed to submit a dissertation for re-examination.
- 4) Requirements for Passing an Examination

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

a) Professional Examination I

65% or more of the marks for Section A and Section B and 65% or more of the aggregate combined marks for Section A and Section B of the Professional Examination I.

- b) Dissertation (Oral Maxillofacial Pathology & Oral Medicine) Examination
 - i) is awarded a distinction
 - ii) has achieved sufficient academic merit to be awarded a Degree without the need to make amendments/corrections.



- iii) has achieved sufficient academic merit to be awarded a degree subject to the candidate making minor corrections in a period not exceeding three (3) months and confirmed by the supervisor.
- iv) has achieved sufficient academic merit to be awarded a degree subject to the candidate making major corrections in a period not exceeding six (6) months and confirmed by the supervisor and internal examiner.
- (c) Professional Examination II

65% or more of the marks for Section A and Section B and 65% or more of the aggregate combined marks for Section A and Section B of the Professional examination II.

- 5) Repeating an Examination
 - a) Professional Examination I Re-Examination
 - (i) A candidate who has failed the Professional Examination I shall be required to repeat the Professional Examination I 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) In a Professional Examination I Re-examination, the candidate is required to re-sit only the Professional Examination I and shall be deemed to have passed the continuous assessment with a highest grade B after attaining at least 65% marks in Section B.
 - (iii) A candidate who fails the Professional Examination I twice consecutively shall be terminated from the Doctor in Oral Maxillofacial Pathology & Oral Medicine (DrOMPathMed) degree programme and be refused re-admission to the programme.
 - b) Dissertation (Oral Maxillofacial Pathology & Oral Medicine) Re-Examination
 - (i) A candidate's dissertation 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 dissertation for re-examination.

- (ii) A candidate who failed to submit his/her dissertation by the end of a prescribed period for corrections or re-examination or whose dissertation after re-submission, fails to satisfy the Committee of Examiners, shall be deemed to have failed the re-examination in the dissertation.
- c) Professional Examination II Re-Examination
 - (i) A candidate who has failed the Professional Examination II shall be required to re-sit the Professional Examination II.
 - (ii) A candidate who has failed the Professional Examination II reexamination twice consecutively shall be terminated from the Doctor in Oral Maxillofacial Pathology & Oral Medicine (DrOMPathMed) degree programme and be refused readmission to the programme except in special circumstances on the recommendation of the Faculty of Dentistry and with the approval of the Senate.
 - (iii) A candidate who has passed the re-examination for the examinations mentioned above shall be deemed to have passed the prescribed examinations.
- 6) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS



11. AWARD OF PASS WITH DISTINCTION FOR THE EXAMINATION

A candidate may be awarded a pass with Distinction in the Professional Examination I or the Professional Examination II if he/she has:

- a) obtained 80% or more of the aggregate combined marks of the components and at least 75% 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.

12. AWARD OF THE DEGREE

A candidate may be awarded the degree of Doctor in Oral Maxillofacial Pathology & Oral Medicine (DrOMPathMed) if he/she has:

- a) passed the Professional Examination I, Dissertation (Oral Maxillofacial Pathology & Oral Medicine) and Professional Examination II for the degree of Doctor in Oral Maxillofacial Pathology & Oral Medicine (DrOMPathMed) as prescribed above; and
- b) satisfactorily fulfilled the requirements of the Research Methodology course.



13. AWARD OF THE DEGREE WITH DISTINCTION

A candidate may be awarded the degree of Doctor in Oral Maxillofacial Pathology & Oral Medicine (DrOMPathMed) (with Distinction) if he/she has:

- a) Passed with Distinction in the Professional Examination I, Dissertation (Oral Maxillofacial Pathology & Oral Medicine) and Professional Examination II for the degree of Doctor in Oral Maxillofacial Pathology & Oral Medicine (DrOMPathMed) as prescribed above; and
- b) Not repeated the Professional Examination I, Dissertation (Oral Maxillofacial Pathology & Oral Medicine) examination or the Professional Examination II or any part of the programme of study leading to Professional Examination I, the Dissertation (Oral Maxillofacial Pathology & Oral Medicine) examination or the Professional Examination II except on medical or compassionate grounds acceptable to the Faculty; and
- c) Not failed any component of the prescribed examinations; and
- d) Completed the programme of study in a period not exceeding six (6) ordinary semesters from the initial semester of candidate registration.

DOCTOR IN ORTHODONTICS

MODE: BY CLINICAL COURSEWORK

1. PROGRAMME OF STUDY

The Doctor in Orthodontics (DrOrth) is a 3-year, full-time programme with 30% research component, designed for dental graduates with a master degree who wish to pursue specialist training in Orthodontics. The course aims to produce specialists in the discipline of Orthodontics who are knowledgeable, clinically and technically competent to practice Orthodontics at an advanced level, socially responsible and are able to function effectively as members of the healthcare delivery system and who adhere to the highest standards of professional ethics and conduct.

2. ADMISSION REQUIREMENTS

- (1) Bachelor of Dental Surgery or equivalent qualification,
- (2) Master's degree in dental sciences or equivalent qualification as required by HEP. The Master programme must have a total Student Learning Time (SLT) ranging from 1600 – 2000 hours. A minimum of 800 – 1000 hours of this programme must include foundation specialty component in Orthodontics, or equivalent, which contributes towards the specialty training,
- (3) The candidate must enrol into the three-year programme directly upon graduation from the master programme, or not more than two (2) years after graduation,
- (4) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) for local candidates,
- (5) Proof of registration with the dental regulatory body in another country for international candidates,
- (6) A minimum of two (2) years clinical practice after a basic degree, excluding the Master's training,
- (7) Verified by a Registered Medical Practitioner, University's Student Health Clinic that the applicant has a satisfactory level of health and is not suffering from any disease or any physical disability that could interfere with the study at the University; and fulfilled all immunization requirement specified for the academic programmes; AND



- (8) 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 following):
 - (a) Obtained 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
 - (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
 - (c) Obtained a minimum score of 59 for the Pearson Test of Academic English (PTE Academic); OR
 - (d) Obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
 - (e) Obtained a minimum band of 4.0 for the Malaysian University English Test (MUET).
- (9) *Bahasa Malaysia* Requirement for Malaysian and non-Malaysian candidates with foreign dental degree (any ONE of the following):
 - (a) Pass in Bahasa Malaysia or Bahasa Melayu at the Sijil Pelajaran Malaysia level; OR
 - (b) Level III in the Sijil Bahasa Malaysia or Bahasa Melayu Universiti or at an equivalent level; OR
 - (c) Pass the Bahasa Malaysia or Bahasa Melayu exemption assessment as set by the University; OR
 - (d) Pass the Bahasa Malaysia or Bahasa Melayu exemption assessment as set by the University, for non-citizen candidates; OR
 - (e) The Bahasa Malaysia or Bahasa Melayu requirement may be waived for a candidate who has pursued a programme of study and has been conferred a degree from a Local and Private Institute of Higher Learning where the medium of instruction used was the national language.



3. DURATION OF STUDY

This programme shall extend over a minimum period of six (6) semesters and a maximum period of eight (8) semesters.

4. STRUCTURE OF PROGRAMME OF STUDY

(1) Programme Learning Outcomes:

At the end of the Doctor in Orthodontics programme, the graduates must be able to:

- (i) Integrate scientific evidence-based knowledge in managing and solving problem in Orthodontics.
- (ii) Manage clinical problems related to orthodontic leading to planning and execute the treatment prescribed.
- (iii) Perform rapport with the dental team and partnerships with relevant industry and the community in promoting oral health and orthodontic treatment.
- (iv) Integrate the relevant legal requirements and professional ethics to the practice of Orthodontics by demonstrating good values and attitudes in patient management and other professional activities.
- (v) Communicate effectively with colleagues, other healthcare professionals, relevant agencies, patients and the community; and practice good leadership and effective team working skills in promoting oral health.
- (vi) Critically appraise and utilize advances in scientific knowledge and technology in decision-making pertaining to evidence-based patient care, design and execute research and disseminate its output in the specialty of Orthodontics.
- (vii) Integrate information for lifelong learning working towards clinical reasoning and professional skills in solving problems at the patient and community level.



- (2) This programme shall consist of the following:
 - (a) Faculty Core course
 - (i) <u>Research Methodology course (DVX 8001)</u>

This course comprises of mid and advance level of Research Methodology and Biostatistics components. Students will be trained in research methodology and principles in conducting clinical and basic research. Research Methods will include issues in field, clinical and laboratory studies. Concepts in biostatistics will be covered and supplemented with hands-on sessions using statistical software. The students will be taught statistical methods commonly employed to enable them to perform analysis, correct interpretation, and presentation of data. Students will be trained in the application of information technology for research purposes.

- (b) Programme Core Courses
 - (i) Dissertation (Orthodontic) (DYH 8002)

This course encompasses all aspects of research from development of a research proposal to the submission of a research write-up in the form of a research dissertation. An experienced supervisor in research will supervise the trainee in the specialty of Orthodontics. They will be able to independently conduct research work in the 1st year to 3rd year in accordance with ethics and morals in research. In the middle of the final year, they will be able to submit their research for critical evaluation by internal and external examiners and able to defend their research output. In due process, they may be able to send their research for publication in either local or international journals.

(ii) Orthodontic (DYH 8003)

Clinical training will start with seminars, clinical sessions, journal clubs and multidisciplinary combined clinics in Year I and continues up to Year III. This specialty training in orthodontics involves theoretical and clinical instructions in orthodontic treatment and their scientific basis. Laboratory techniques and procedures are included to complement the clinical management of patients. Emphasis is also placed on the relationship of Oral and Maxillofacial Surgery, Periodontology, Prosthodontics, Endodontic, Paediatric Dentistry and other relevant clinical disciplines to Orthodontics. The course will



also involve clinical audit to enhance the quality of care for the patients.

Training is also aimed at providing adequate knowledge and experience in designing and conducting a research project to demonstrate the application of scientific methods to a problem relevant to orthodontics. The students are required to undergo clinical attachment or clinical observer ships for about 8 to 9 weeks at recognised orthodontic centres abroad such as the United Kingdom in the second semester of 2nd year. In summary, this programme is designed to prepare a higher clinical doctorate programme in orthodontics for dental graduates. This course is also designed to prepare students for the Membership in Orthodontics of the Royal Colleges of Surgeons in United Kingdom.

(c) 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 completed one week before the class begins, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.

6. ACADEMIC SUPERVISION

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 other supervisor(s) may be required for the research component.

7. FIELD OF RESEARCH

- (i) The determination of the field of research shall be done prior to the candidate's embarkation on research work.
- (ii) The candidate is required to satisfactorily complete the research proposal presentation and candidature defence during the course of the research project.



8. SUBMISSIONS

- (i) A candidate shall submit his/her dissertation in semester five (5) by the date prescribed by the department/faculty/university before the examination.
- (ii) A candidate shall submit his/her case reports at least ONE month before the commencement date of the Final Professional examination or by the date prescribed by the department.
- (iii) A candidate shall submit his/her logbook by the date prescribed by the department prior to the examination.

9. EXAMINATION

- 1) The examinations leading to the degree of Doctor in Orthodontics (DrOrth) by clinical coursework shall be the:
 - b) Research Methodology (DVX8001)

The Research Methodology examination shall be held at the end of Semester 1, Year 1 of the programme of study.

- c) Dissertation (Orthodontics) DYH8002
 - The examination for Dissertation (Orthodontics) shall be held at the end of Semester 5 or early Semester 6, Year 3 of the programme of study. No candidate shall be permitted to sit for the Dissertation (Orthodontics) examination unless he/she has:
 - satisfactorily completed the research proposal, candidature defence and thesis seminar presentation.
- d) Final Professional Examination DYH 8003
 - i. The Final Professional examination shall be held at the end of Semester 6, Year 3 of the programme of study. No candidate shall be permitted to proceed to the Final Professional examination unless he/she has:
 - attain at least 65% in Component A (Continuous Assessment) before a candidate is allowed to sit for Component B of the Final Professional Examination.



- submitted his/her case reports and logbook for examination by the date prescribed by the department prior to the Final Professional examination.
- 2) Examination Components and Allocation of Marks
 - a) Research Methodology (DVX8001)

The components of the research methodology course and the marks to be allocated to each component shall be as follows:

Component	Subcomponent	Allocation of Marks (Maximum)
А	Assignment report	50%
В	Examination	50%
	Grand Total	100%

To pass the course, the candidate must obtain 65% or more of the marks for each component.

b) Dissertation (Orthodontics) (DYH8002)

The components of the Dissertation (Orthodontics) examination shall be as follows:

Component	Assessment	
Dissertation evaluation	Pass/Fail (refer below for grading)	
Viva Voce		

Candidates are required to satisfy the requirements of the Faculty/University for this part of the programme and attend the viva voce for the Dissertation.



c) Final Professional Examination (DYH8003)

Component	Subcomponent	Methods	Allocation of Marks (Maximum)
A	*Continuous assessment (40%)	Year I i. OSCE (8%) ii. Written test (8%) iii. Work based assessment (WBA) (2%)	18%
		<u>Year II</u> i. Written test (8%) ii. WBA (2%) iii. Audit (1%) iv. Overseas attachment report (1%)	12%
		Year III i. Structural clinical reasoning (8%) ii. WBA (2%)	10%
		Total marks	40%
В	1. Written test (2	20%)	20%
	2. Clinical/ Practical (40%)	i. OSCE	10%
		ii. Clinical case history	10%
		iii. Structural clinical reasoning	10%
		iv. General viva	10%
		Total marks	60%
	1	Grand Total	100%

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



- *If a candidate fails the continues assessment (score below 65%), a remedial viva will be conducted to access the topic/question that the candidate scored below 65%. If the candidate passes the remedial viva, the marks will be rounded off to 65%. If the candidate fails, the remedial viva, the original marks will be maintained.
- 3) Examination Assessment

Marking Scheme

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

Marks	Grade	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	А	4.00	Distinction
75.00 – 79.99	A-	3.70	
70.00 – 74.99	B+	3.30	Pass
65.00 – 69.99	В	3.00	1 055
60.00 - 64.99	B-	2.70	
55.00 -59.99	C+	2.30	
50.00 - 54.99	С	2.00	
45.00 - 49.99	C-	1.70	Fail
40.00 - 44.99	D+	1.30	
35.00 - 39.99	D	1.00	
00.00 - 34.99	F	0.00	



b) For the Dissertation (Orthodontics) Examination:

The committee of examiners shall consider the examiner reports for dissertation, candidate dissertation and *viva voce* examination according to **University of Malaya Rules and Regulations** (Doctorate Degree) 2024 to recommend whether the candidate

- i) will be awarded a distinction
- ii) has achieved sufficient academic merit to be awarded a degree without the need to make amendments/corrections.
- iii) has achieved sufficient academic merit to be awarded a degree subject to the candidate making minor corrections in a period not exceeding three (3) months and confirmed by the supervisor.
- iv) has achieved sufficient academic merit to be awarded a degree subject to the candidate making major corrections in a period not exceeding six (6) months and confirmed by the supervisor and internal examiner.
- v) is required to do further research and submit a dissertation for re-examination within six (6) to twelve (12) months.
- vi) does not achieve academic merit and recommends to the committee of examiners that the candidate has failed in dissertation examination and is not allowed to submit a dissertation for re-examination.
- 4) Requirements for Passing an Examination
 - a) Research Methodology (DVX8001)

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

At least 65% marks for each of the component (A and B); and 65% or more of the aggregate marks for both component A and component B.



b) Dissertation (Orthodontics) (DYH8002)

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

- has achieved sufficient academic merit to be awarded a distinction; or a degree without the need to make amendments/corrections; or a degree subject to the candidate making minor/major corrections in a period not exceeding the time stipulated by the committee of examiners and confirmed by the supervisor(s) and internal examiner (where required) (see above); AND
- ii) presented the research finding at least once in any research conference; AND
- iii) has submitted a manuscript in a peer-reviewed publication (indexed as determined by the Faculty/University).
- (c) Final Professional Examination (DYH8003)

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

- i) at least 65% in Component A (Continuous Assessment).
- at least 65% for each of the component B, that is subcomponent 1 and subcomponent 2 separately. The aggregate mark for subcomponent 1 and subcomponent 2 must be at least 65%.
- 5) Repeating an Examination
 - a) Research Methodology (DVX8001) Re-Examination

A candidate who has not achieved the requirement shall be required to re-sit the examination and obtain at least a 65% mark, within the same candidature period.

- b) Dissertation (Orthodontics) (DYH8002) Re-Examination
 - (i) A candidate's dissertation that is deemed unsatisfactorily by the Committee of Examiners may be referred for further work over 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 dissertation for re-examination.

- (ii) A candidate who failed to submit his/her dissertation by the end of a prescribed period for re-examination or whose dissertation failed to satisfy the Committee of Examiners after re-submission shall be deemed to have failed the re-examination in the Research (Orthodontics).
- (iii) A candidate shall not be permitted to submit the dissertation for re-examination on more than two occasions.
- (iv) A candidate who fails the Dissertation re-examination on the second occasion shall be deemed to have failed the Dissertation 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.
- (v) A candidate can still sit for the Final Professional Examination of the Orthodontics course if he/she has not passed this Dissertation course, however, he/she cannot graduate.
- c) Final Professional (DYH8003) Re-Examination
 - (i) A candidate who has failed any of the subcomponents of Component A of the Final Professional Examination may be granted a provisional pass in the subcomponent that he/she has passed and be required to re-sit on at most two occasions, only the subcomponent 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. A candidate who failed Component A (that is failed any or all of the subcomponents) is not allowed to take Component B of the Final Professional Examination.
 - (ii) A candidate who has failed Component B (that is failed either subcomponent 1 or subcomponent 2 or both) of the Final Professional Examination may be permitted for 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. The candidate who failed



must be re-examined for both subcomponent 1 and subcomponent 2 of Component B in one seating.

- (iii) The Final Professional Re-examination shall be assessed and graded in the same manner as prescribed for the main Final Professional Examination. The candidate is not required to re-sit Component A if deemed to have passed this component (must achieve at least 65%). The marks of the Final Professional Reexamination will only be based on Component B.
- (iv) A candidate who fails the Final Professional Re-examination on the second occasion shall be deemed to have failed the Final Professional 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.
- 6) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS



12. AWARD OF PASS WITH DISTINCTION FOR THE EXAMINATION

A candidate may be awarded a pass with Distinction in the Final Professional examination if he/she has:

- a) obtained 80% or more of the aggregate marks of the components and at least 75% or more of the marks of each component in the prescribed examinations;
- b) not failed any component/subcomponent 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.

13. AWARD OF THE DEGREE

A candidate may be awarded the degree of Doctor in Orthodontics (DrOrth) if he/she has:

- a) Satisfactorily fulfilled the requirements for course in Research Methodology
- b) Satisfied the Board of Examiners for the Research (Orthodontics)
- c) Passed the Final Professional Examination for the degree of Doctor in Orthodontics

AND achieved the other Requirements below:

- a) Presented research finding at least once in any research conference.
- b) Submitted a manuscript for publication related to the research.
- c) Satisfactory completion of a Clinical Audit related to Orthodontics.
- d) Satisfactory completion of Clinical Attachment as prescribed by the Committee of the Discipline and approved by the Dean.



14. AWARD OF THE DEGREE WITH DISTINCTION

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

- a) passed with at least Distinction in the Research Methodology course; AND awarded a distinction in the Dissertation (Orthodontics) course; AND passed with Distinction in the Final Professional examination for the degree of Doctor in Orthodontics (DrOrth) as prescribed above; and
- b) not repeated the Research Methodology examination, Dissertation (Orthodontics) examination or the Final Professional examination or any part of the programme of study leading to the Dissertation (Orthodontics) examination or the Final Professional examination except on medical or compassionate grounds acceptable to the Faculty.
- c) Not failed any component/subcomponent of the prescribed examinations;
- d) completed the programme of study in a period not exceeding six (6) ordinary semesters from the initial semester of candidate registration.

DOCTOR IN PROSTHODONTICS

MODE: BY CLINICAL COURSEWORK

1. **PROGRAMME OF STUDY**

Doctor in Prosthodontics programme is a clinical coursework with 30% research component. This specialty training in prosthodontics involves the scientific basis of the theoretical, laboratory and clinical instructions in fixed and removable prosthodontics including maxillofacial prosthodontics. Training is also aimed at providing adequate knowledge and experience in designing and conducting a research project.

2. ADMISSION REQUIREMENTS

- (1) Bachelor of Dental Surgery or equivalent qualification,
- (2) Master's degree in dental sciences or equivalent qualification as required by HEP. The Master programme must have a total Student Learning Time (SLT) ranging from 1600 – 2000 hours. A minimum of 800 – 1000 hours of this programme must include foundation specialty component in Prosthodontics, or equivalent, which contributes towards the specialty training,
- (3) The candidate must enrol into the three-year programme directly upon graduation from the master programme, or not more than two (2) years after graduation,
- (4) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) for local candidates,
- (5) Proof of registration with the dental regulatory body in another country for international candidates,
- (6) A minimum of two (2) years clinical practice after a basic degree, excluding the Master's training,
- (7) Verified by a Registered Medical Practitioner, University's Student Health Clinic that the applicant has a satisfactory level of health and is not suffering from any disease or any physical disability that could interfere with the study at the University; and fulfilled all immunization requirement specified for the academic programmes; AND



- (8) 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 following):
 - (f) Obtained 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
 - (g) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
 - (h) Obtained a minimum score of 59 for the Pearson Test of Academic English (PTE Academic); OR
 - Obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
 - (j) Obtained a minimum band of 4.0 for the Malaysian University English Test (MUET).

3. DURATION OF STUDY

This programme shall extend over a minimum period of six (6) semesters and a maximum period of eight (8) semesters.

4. STRUCTURE OF PROGRAMME OF STUDY

(1) Programme Learning Outcomes:

At the end of the Doctor in Prosthodontics programme, graduates should be able to:

- a) Apply scientific evidence-based knowledge for the safe, effective, and efficient practice of Prosthodontics at specialist level.
- b) Practice advanced Prosthodontics independently, safely, and effectively with good practical, technical and clinical skills.
- c) Engage patients and community in making decisions about their health with emphatic social skills and social responsibility.



- d) Apply professional ethics, values, attitudes, and legal requirements relevant to the practice of Prosthodontics.
- e) Communicate effectively with colleagues, health care professionals, patients, and the community; practice effective team working and demonstrate leadership quality.
- f) Critically appraise and utilise advances in scientific knowledge in the management of Prosthodontics patients.
- g) Manage information, engage in life-long learning and continuing professional development.
- h) Conduct research independently.
- (2) This programme shall consist of the following components:
 - a) Faculty Core Course:
 - i) Research Methodology (DVX8001)

This course comprises of mid and advanced levels of Research Methodology and Biostatistics components. Students are introduced to relevant research methodology and principles in conducting clinical, applied and basic research. Concepts in biostatistics are covered and supplemented with hands-on session using statistical software which enables students to perform relevant analysis, correct interpretation and presentation of data. The course also provides opportunities for students to practice intellectual thinking and scientific writing.

- b) Programme Core Course:
 - i) Dissertation (Prosthodontics)

Research component leading to the submission of dissertation.

ii) Prosthodontics I

Teaching, training and coursework in Fixed and Removable Prosthodontics including implant, maxillofacial prosthodontics and conducting clinical audit.



iii) Prosthodontics II

Teaching, training and coursework in Fixed and Removable Prosthodontics including implant and maxillofacial prosthodontics. Clinical attachment in the specialty option, in the Faculty of Dentistry, Universiti Malaya or clinical training centre recognised by the University over a period of two (2) semesters

5. COURSE REGISTRATION

Registration for courses shall be completed one week before the class begins, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.

6. ACADEMIC SUPERVISION

- (1) The appointment of a research 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 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 or at six-month 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 dissertation in semester five (5) by the date prescribed by the department/faculty/university prior to the examination.
- (2) A candidate shall submit his/her logbook by the date prescribed by the department prior to the examination.



9. EXAMINATION

- (1) The examinations leading to the degree of Doctor of Prosthodontics by clinical coursework shall be the:
 - (a) Part I Professional Examination (at the end of the Prosthodontics I programme);
 - (b) Dissertation;
 - (c) Final Professional Examination (at the end of the Prosthodontics II programme).
- (2) No candidate shall be permitted to sit for the Part I Professional Examination unless he/she has satisfied the clinical requirement set by the Department.
 - (a) Submitted his/her logbook and case reports for examination prior to the Part I Professional Examination.
- (3) No candidate shall be permitted to sit for the Final Professional Examination unless he/she has:
 - (a) Passed the Part I Professional Examination
 - (b) Submitted his/her logbook and case reports for examination prior to the Final Professional Examination.
- (4) Candidates shall satisfy the requirements for dissertation examination before sitting for examination of the research component.



- (5) Examination of components and allocations of marks.
 - (a) Part I Professional Examination

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

	Components	Weightage
Section A	Theory & Clinical components	60%
Section B	Continuous assessment	40%

(b) Final Professional Examination

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

	Components	Weightage
Section A	Clinical Exam	60%
Section B	Continuous Assessment	40%

(c) Dissertation

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

	Components	
Formative Assessment	Evaluation/ Feedback/ Candidature Defense	
Examination	i. Dissertation Evaluation ii. Viva voce	



(6) Examination assessment

Marks	Grade	Grade Point	Meaning
90.00 -100.00	A+	4.00	High Distinction
80.00 - 89.99	A	4.00	Distinction
75.00 – 79.99	A-	3.70	Distinction
70.00 - 74.99	B+	3.30	Pass
65.00 - 69.99	В	3.00	1 035
60.00 - 64.99	B-	2.70	
55.00 -59.99	C+	2.30	
50.00 - 54.99	C	2.00	
45.00 - 49.99	C-	1.70	Fail
40.00 - 44.99	D+	1.30	
35.00 - 39.99	D	1.00	
00.00 - 34.99	F	0.00	

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

- (7) Requirements for Passing an Examination:
 - A candidate shall be deemed to have passed the examinations prescribed below if he/she has obtained:
 - (a) Part 1 Professional Examination:
 - (i) The candidate must obtain 65% or more of the marks for each section A and B and
 - (ii) 65% or more of the aggregate combined marks for section A and B
 - (b) Final Professional Examination
 - (i) The candidate must obtain 65% or more of the marks for each section A and B and
 - (ii) 65% or more of the aggregate combined marks for section A and B.



(c) Dissertation

- a) The dissertation shall be examined, evaluated and recommended by each examiner according to **University of Malaya Rules and Regulations (Doctoral Degree) 2024** as to whether the candidate:
 - (i) is awarded a distinction in dissertation;
 - (ii) has attained sufficient academic merit without any amendments/corrections;
 - (iii) has attained sufficient academic merit for the candidate to make minor corrections within a period of not exceeding three(3) months and verified by the Supervisor;
 - (iv) has attained sufficient academic merit for the candidate to make major corrections within a period of not exceeding six
 (6) months and verified by the Supervisor and Internal Examiner;
 - (v) is required to undertake further work and submit the dissertation for re-examination within the period of six (6) to twelve (12) months;
 - (vi) has not attained academic merit and may recommend to the Committee of Examiners that the candidate has failed in the dissertation examination and is not allowed to submit the dissertation for re-examination.
- b) Mark and grade will not be given in the examination of a dissertation.
- c) The candidate shall be required to attend a *viva voce* with respect to his dissertation. The Committee of Examiners has the authority to determine the method of conducting a *viva voce* of the dissertation of a candidate. The Committee of Examiners may, if necessary, invite a teacher at the University who has the experience and expertise related to the field of research of the candidate to attend the meeting of the Committee of Examiners and the *viva voce* examination of the candidate concerned.



- (8) Repeating an Examination
 - (a) Part I Professional Re-Examination
 - (i) A candidate who has not achieved the above requirement shall be required to repeat the whole Prosthodontic I course and to re-sit the Part 1 Professional Examination.
 - (ii) Continuous assessment marks shall be determined accordingly by the department.
 - (iii) A candidate who failed the Part 1 Professional Examination twice consecutively will be deemed as fail with no return.
 - (b) Final Professional Re-Examination
 - (i) A candidate who has not achieved the above requirement shall be required to repeat the whole Prosthodontic II course and to re-sit the Final Professional Exam.
 - (ii) Continuous assessment marks shall be determined accordingly by the department.
 - (iii) A candidate who failed the Final Professional Examination twice consecutively or has exceeded the maximum candidature period will be deemed as a failure with no return.
 - (c) Dissertation Re-Examination
 - (i) A candidate's research dissertation 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.
 - (ii) A candidate who failed to submit his/her research dissertation by the end of a prescribed period for re-examination or whose research dissertation after re-submission, fails to satisfy the Committee of Examiners, shall be deemed to have failed the re-examination in the research dissertation, unless in certain circumstances an extension of not more than three (3) months to the specified period has been approved by the Dean of the Faculty. Any appeal after this extended period is subject to the approval of the Senate on the recommendation of the Committee of Examiners.



(9) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS

10. AWARD OF PASS WITH DISTINCTION FOR THE EXAMINATION

A candidate may be awarded a pass with Distinction in the Part I Examination and the Final Professional Examination if he/she has:

- (a) Obtained 80% or more of the aggregate combined marks of the components and at least 75% or more of the marks of each component in the prescribed examinations; and
- (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 Doctor of Prosthodontics if he/she has:

- (a) passed the Part I and Final Professional Examination for the degree of Doctor of Prosthodontics as prescribed above; and
- (b) passed the dissertation component; and
- (c) satisfactorily fulfilled the requirements of Research Methodology course.

12. AWARD OF THE DEGREE WITH DISTINCTION

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

- (a) Passed with Distinction in the Part I and Final Professional Examinations for the degree of Doctor of Prosthodontics as prescribed above; and
- (b) Not repeated the Part I and Final Professional Examination or any part of the programme of study except on medical or compassionate grounds acceptable to the Faculty; and
- (c) Obtaining a distinction dissertation results in a dissertation examination; and
- (d) Not failed any component/subcomponent of the prescribed examinations; and
- (e) completed the programme of study in a period not exceeding six (6) ordinary semesters from the initial semester of candidate registration.

DOCTOR IN RESTORATIVE DENTISTRY

MODE: BY CLINICAL COURSEWORK

1. **PROGRAMME OF STUDY**

The scope of Restorative Dentistry training encompasses the comprehensive diagnosis and management of patients who require low to high complex treatment of operative, endodontic, prosthodontics, periodontology and implantology. Training also exposes candidates to a multidisciplinary health team and imparts understanding of the socio-economic consequences of providing a comprehensive dental service for all types of communities and evaluate alternative procedures and technology appropriate for different socio- economic resources in relation to the national oral health policy.

2. ADMISSION REQUIREMENTS

- (1) Bachelor of Dental Surgery or equivalent qualification,
- (2) Master's degree in dental sciences or equivalent qualification as required by HEP. The Master programme must have a total Student Learning Time (SLT) ranging from 1600 – 2000 hours. A minimum of 800 – 1000 hours of this programme must include foundation specialty component in Restorative Dentistry, or equivalent, which contributes towards the specialty training,
- (3) The candidate must enrol into the three-year programme directly upon graduation from the master programme, or not more than two (2) years after graduation,
- (4) Registered with the Malaysian Dental Council (MDC) and holds current Annual Practising Certificate (APC) for local candidates,
- (5) Proof of registration with the dental regulatory body in another country for international candidates,
- (6) A minimum of two (2) years clinical practice after a basic degree, excluding the Master's training,
- (7) Verified by a Registered Medical Practitioner, University's Student Health Clinic that the applicant has a satisfactory level of health and is not suffering from any disease or any physical disability that could interfere with the study at the University; and fulfilled all immunization requirement specified for the academic programmes; AND



- (8) 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 following):
 - (a) Obtained 60 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
 - (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
 - (c) Obtained a minimum score of 59 for the Pearson Test of Academic English (PTE Academic); OR
 - (d) Obtained a score of 169 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 250 for the Occupational English Test (OET) (Conventional/Online); OR
 - (e) Obtained a minimum band of 4.0 for the Malaysian University English Test (MUET).

3. DURATION OF STUDY

This programme shall extend over a minimum period of six (6) semesters and a maximum period of eight (8) semesters.

4. STRUCTURE OF PROGRAMME OF STUDY

(1) Programme Learning Outcomes:

At the end of the Doctor in Restorative Dentistry programme, graduates are able to:

- 1. Synthesise knowledge and apply evidence-based approach for the safe, effective and efficient practice in the field of restorative dentistry at a specialist level
- 2. Adapt evidence based clinical procedures for proficient patient management in the field of restorative dentistry;
- 3. Conduct research independently
- 4. Provide expert advice to society in the field of Restorative Dentistry
- 5. Adhere to legal, ethical and professional codes of practice;



- 6. Display leadership qualities through communicating and working effectively with peers and stakeholders
- 7. Generate solutions to problems using scientific and critical thinking skills;
- 8. Exhibit attributes of independent lifelong learners;
- 9. Display skills in clinical governance
- (2) This programme shall consist of the following components:
 - a) Faculty Core Course:
 - i) Research Methodology (DVX8001)

This course comprises of mid and advance level of Research Methodology and Biostatistics components. Students are introduced to relevant research methodology and principles in conducting clinical, applied and basic research. Concepts in biostatistics are covered and supplemented with hands-on session using statistical software which enables students to perform relevant analysis, correct interpretation and presentation of data. The course also provides opportunities for students to practice intellectual thinking and scientific writing.

- b) Programme Core Course:
 - i) Dissertation (Restorative Dentistry) (DYE 8002)

Training is also aimed to provide adequate knowledge and experience is designing and conducting a research project in the field of Restorative Dentistry

ii) Restorative Dentistry I (DYE 8003)

Teaching, training and coursework in Restorative Dentistry which comprises of Prosthodontics, Periodontology and Endodontology.

iii) Restorative Dentistry II (DYE 8004)

Teaching, training and coursework in Restorative Dentistry which comprises of Prosthodontics, Periodontology and Endodontology. Clinical attachment in the specialty option, in the Faculty of Dentistry, Universiti Malaya or clinical training centre recognised by the University.



5. COURSE REGISTRATION

Registration of courses shall be completed one week before the class begins, within the registration week. Candidates who do not complete the registration within that period are not allowed to follow the course.

6. ACADEMIC SUPERVISION

- (3) 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 cosupervisor(s) may be required for the research component.
- (4) 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 dissertation in semester five (5) by the date prescribed by the department/faculty/university prior to the examination.
- (2) A candidate shall submit his/her logbook by the date prescribed by the department prior to the examination.

9. EXAMINATION

- (1) The examinations leading to the degree of Doctor of Restorative Dentistry by clinical coursework shall be the:
 - (d) Part I Professional Examination (at the of the Restorative Dentistry I programme);
 - (e) Dissertation;
 - (f) Part II Professional Examination (at the end of the Restorative Dentistry II programme).



- (2) No candidate shall be permitted to sit for the Part I Professional Examination unless he/she has satisfied the clinical requirement set by the Department.
 - (a) Submitted his/her logbook and case reports for examination prior to the Part I Professional Examination.
- (3) No candidate shall be permitted to sit for the Part II Final Professional Examination unless he/she has:
 - (a) Passed the Part I Professional Examination
 - (b) Submitted his/her logbook and case reports for examination prior to the Part II Final Professional Examination.
- (4) Candidates shall satisfy the requirements for dissertation examination before sitting for examination of the research component.
- (5) Examination of components and allocations of marks.
 - (a) Part I Professional Examination

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

	Components	Weightage
Section A	Theory & Clinical components	60%
Section B	Continuous assessment	40%

(b) Part II Professional Examination

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

	Components	Weightage
Section A	Clinical Exam	60%
Section B	Continuous Assessment	40%



(c) Dissertation

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

	Components	
Formative Assessment	Evaluation/ Feedbacks/ Candidature Defence	
Examination i. Dissertation Evaluation ii. Viva voce		

(6) Examination assessment

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

Marks	Grade	Grade Point	Meaning	
90.00 -100.00	A+	4.00	High Distinction	
80.00 - 89.99	A	4.00	Distinction	
75.00 – 79.99	A-	3.70	Distinction	
70.00 – 74.99	B+	3.30	Pass	
65.00 – 69.99	В	3.00	г азэ	
60.00 - 64.99	B-	2.70		
55.00 -59.99	C+	2.30		
50.00 - 54.99	С	2.00		
45.00 - 49.99	C-	1.70	Fail	
40.00 - 44.99	D+	1.30		
35.00 – 39.99	D	1.00		
00.00 - 34.99	F	0.00		



- (7) Requirements for Passing an Examination
 - A candidate shall be deemed to have passed the examinations prescribed below if he/she has obtained:
 - (c) Part 1 Professional Examination:
 - (iii) The candidate must obtain 65% or more of the marks for each section A and B and
 - (iv) 65% or more of the aggregate combined marks for section A and B
 - (d) Part II Professional Examination
 - (iii) The candidate must obtain 65% or more of the marks for each section A and B and
 - (iv) 65% or more of the aggregate combined marks for section A and B.
 - (c) Dissertation
 - a) The dissertation shall be examined, evaluated and recommended by each examiner according to University of Malaya Rules and Regulations (Doctorate Degree) 2024 as to whether the candidate:
 - (i) is awarded a distinction in dissertation;
 - (ii) has attained sufficient academic merit without any amendments/corrections;
 - (iii) has attained sufficient academic merit for the candidate to make minor corrections within a period of not exceeding three(3) months and verified by the Supervisor;
 - (iv) has attained sufficient academic merit for the candidate to make major corrections within a period of not exceeding six
 (6) months and verified by the Supervisor and Internal Examiner;
 - (v) is required to undertake further work and submit the dissertation for re-examination within the period of six (6) to twelve (12) months;
 - (vi) has not attained academic merit and may recommend to the Committee of Examiners that the candidate has failed in the



dissertation examination and is not allowed to submit the dissertation for re-examination.

- b) Mark and grade will not be given in the examination of a dissertation.
- c) The candidate shall be required to attend a *viva voce* with respect to his dissertation. The Committee of Examiners has the authority to determine the method of conducting a *viva voce* of the dissertation of a candidate. The Committee of Examiners may, if necessary, invite a teacher at the University who has the experience and expertise related to the field of research of the candidate to attend the meeting of the Committee of Examiners and the *viva voce* examination of the candidate concerned.
- (8) Repeating an Examination
 - (a) Part I Professional Re-Examination
 - (i) A candidate who has not achieved the above requirement shall be required to repeat the whole Restorative Dentistry I course and to re-sit the Part 1 Professional Examination.
 - (ii) Continuous assessment marks shall be determined accordingly by the department.
 - (iii) A candidate who failed the Part 1 Professional Examination twice consecutively will be deemed as fail with no return.
 - (b) Part II Professional Re-Examination
 - (i) A candidate who has not achieved the above requirement shall be required to repeat the whole Restorative Dentistry II course and to re-sit the Part II Professional Exam.
 - (ii) Continuous assessment marks shall be determined accordingly by the department.
 - (iii)A candidate who failed the Part II Professional Examination twice consecutively or has exceeded the maximum candidature period will be deemed a failure with no return.



- (c) Dissertation Re-Examination
 - (i) A candidate's research dissertation that is deemed unsatisfactory by the Committee of Examiners may be referred for further work over a period to be determined by the Committee of Examiners.
 - (ii) A candidate who failed to submit his/her research dissertation by the end of a prescribed period for re-examination or whose research dissertation after re-submission, fails to satisfy the Committee of Examiners, shall be deemed to have failed the re-examination in the research dissertation, unless in certain circumstances an extension of not more than three (3) months to the specified period has been approved by the Dean of the Faculty. Any appeal after this extended period is subject to the approval of the Senate on the recommendation of the Committee of Examiners.
- (9) Appeal

A candidate who is not satisfied with his examination results including the continuous assessment component and/or final examination of the course may appeal for a review of his examination results. The appeal shall be made within seven (7) days from the official date of announcement of his examination results

Refer to the Universiti Malaya (Master's Degree) Rules and Regulations 2024.

PART IX (MASTER'S DEGREE) Regulations 52 – APPEAL AGAINST EXAMINATION RESULTS



10. AWARD OF PASS WITH DISTINCTION FOR THE EXAMINATION

A candidate may be awarded a pass with Distinction in the Part I Examination and the Part II Final Professional Examination if he/she has:

i. Obtained 80% or more of the aggregate combined marks of the components and at least 75% or more of the marks of each component in the prescribed examinations;

Not failed any component of the prescribed examinations; and;

ii. 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 Doctor of Restorative Dentistry if he/she has:

- (d) passed the Part I and Final Professional Examination for the degree of Doctor of Restorative Dentistry as prescribed above; and
- (e) passed the dissertation component; and
- (f) satisfactorily fulfilled the requirements of Research Methodology course.



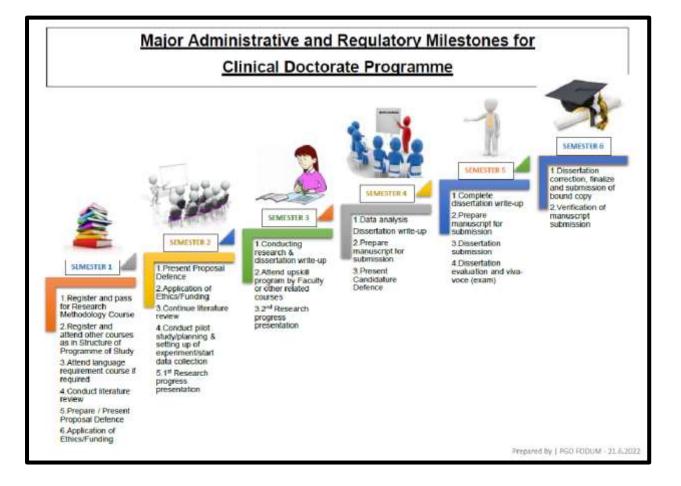
12. AWARD OF THE DEGREE WITH DISTINCTION

A candidate may be awarded the degree of Doctor of Restorative Dentistry s (with Distinction) if he/she has:

- (a) Passed with Distinction in the Part I and Final Professional Examination for the degree of Doctor of Restorative Dentistry as prescribed above; and
- (b) Not repeated the Part I and Final Professional Examination or any part of the programme of study except on medical or compassionate grounds acceptable to the Faculty; and
- (c) Obtaining a distinction dissertation results in a dissertation examination; and
- (d) Not failed any component/subcomponent of the prescribed examinations; and
- (e) Completed the programme of study in a period not exceeding six (6) ordinary semesters from the initial semester of candidate registration.



GRADUATE ON TIME (GOT) DISSERTATION SCHEDULE FOR CLINICAL DOCTORATE CANDIDATES



MASTER OF DENTAL SCIENCE

MODE: BY RESEARCH

1. **PROGRAMME COORDINATOR**

Associate Professor Dr. Chen Yeng Department of Oral & Craniofacial Sciences

2. COURSE COORDINATOR

• Research Methodology (DMX7001):

Professor Dr. Yap Lee Fah,
 Department of Oral & Craniofacial Sciences

3. PROGRAMME 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.

4. ADMISSION REQUIREMENTS

The Minimum Qualifications for Admission:

- (1) Bachelor of Dental Surgery or equivalent; or
- (2) Bachelor's Degree with honours in any field of Science for candidates who choose a non-clinical field;
- (3) Preference is given to candidates with a CGPA of at least 3.0 or above; or;
- (4) Bachelor of CGPA 2.7 to 2.99 may be considered if it meets at least one of the following criteria:
 - (a) Have at least three (3) years working experience in a related field; or
 - (b) Produce publications in related fields; or
 - (c) Is a scholarship recipient; or
 - (d) Is a graduate of the University of Malaya or;
- (5) Bachelor of CGPA 2.5 to 2.69 may be considered if it meets at least two (2) of the criteria in (a) to (d) above.
- (6) Other qualifications approved by the Senate from time to time.



Other Requirement:

A candidate may be required to pass an assessment for admission which has been decided by the Faculty.

English Language Requirements:

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 is 550 for paper-based tests (PBT), 213 for computer-based tests (CBT), or 46 for internet-based tests (iBT) for the Test of English as a Foreign Language (TOEFL);
- (b) A minimum band of 5.5 for the International English Language Testing System (IELTS) (Academic);
- (c) Scores according to the respective program standards if higher than (i) and (ii);
- (d) For any program standard that sets a lower TOEFL or IELTS (Academic) score than the university's minimum score, the programs must adhere to the minimum score set by the university;
- (e) A minimum score of 51 for the Pearson Test of Academic English (PTE Academic);
- (f) A minimum grade of C for English in the General Certificate of Education (A-Level);
- (g) A minimum grade of C for Cambridge English: First (FCE);
- (h) A minimum grade of C for Cambridge English: Advanced (CAE);
- (i) A minimum grade of C for Cambridge English: Proficiency (CPE); or
- (j) A minimum band of 4 for the Malaysian University English Test (MUET).

5. DURATION OF STUDY

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



6. 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 2024.
- (2) A candidate has to attend and pass the programme compulsory course, Research Methodology (DMX7001).

7. INITIAL REGISTRATION

A candidate of a Master's programme of study by Research may register initially for the said programme of study at any time latest by fourteenth lecture week in the semester applied and the full fees will be imposed for the semester in which registration is done. The candidate is required to register in the following semester if the offer is accepted after fourteenth lecture week in a semester.

8. **RESEARCH SUPERVISION**

- (1) Research programmes are regulated by the Supervision Policy of Postgraduate Candidate, University of Malaya 2020.
- (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.



9. 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.

10. SUBMISSIONS

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

11. 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.

12. 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.



13. AWARD OF THE DEGREE

For the purposes of graduation, a candidate

- (a) must attain a pass in his/her dissertation examination;
- (b) must pass the viva voce and other tests that are prescribed;
- (c) is required to publish one (1) article indexed by Thomson Reuters Web of Science Expanded (WoS) prior to graduation;
- (d) fulfil other requirements as prescribed by the Faculty for his/her Master of Dental Science programme; and
- (e) fulfil the language requirements for his/her Master of Dental Science programme.

14. 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
1.	 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 	 Completed Research Methodology course Fulfilment of language requirements Presented research proposal
2.	 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 	 Completed outline of dissertation Submission of Publication 1 Completed Candidature Defence
3.	 Finalise chapters 1, 2 & 3 Finalise data analysis Begin chapter 4 & 5 Attend at least 1 courses in Upskill Program Submit 3 Months Notice 	 Completed chapters 1, 2 & 3 Draft of chapters 4 & 5
4.	 Attend Thesis Bootcamp Finalize and submit dissertation Committee of Examiners meeting 	 Submission of dissertation Outcome of Committee of Examiners meeting.

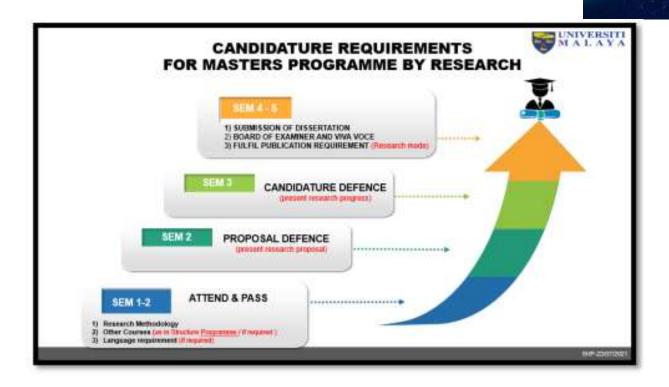
Notes:

Monitoring Panel

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

MODE : BY RESEARCH

1. PROGRAMME 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. PROGRAMME COORDINATOR

Dr. Siti Amalina binti Inche Zainal Abidin Department of Oral & Craniofacial Sciences

3. COURSE COORDINATOR

• Research Methodology (DYX8001):

Professor Dr. Yap Lee Fah,
 Department of Oral & Craniofacial Sciences

4. 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:

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 46 for the Internet-based total (IBTCentre based) for Test of English as a Foreign Language (TOEFL) or a score of 8.5 for TOEFL Essentials (Online); OR
- (b) Obtained a minimum score of band 6.0 or band according to programme standard in the International English Language System (IELTS); OR
- (c) Obtained a minimum score of 51 for the Pearson Test of Academic English (PTE Academic); OR
- (d) Obtained a score of 160 for the Cambridge English Qualifications and Tests B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, B2 Business Vantage, C1 Business Higher, Linguaskill Online, or a score of 200 for the Occupational English Test (OET) (Conventional/Online); OR
- (e) Obtained a minimum band of 4.0 for the Malaysian University English Test (MUET).

5. 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.

6. 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 Universiti Malaya (Doctorate Degree) Rules and Regulations 2024.
- (2) A candidate has to attend and pass the programme compulsory course, Research Methodology (DYX8001).



7. INITIAL REGISTRATION

A candidate of a PhD's programme of study by Research may register initially for the said programme of study at any time latest by fourteenth lecture week in the semester applied and the full fees will be imposed for the semester in which registration is done. The candidate is required to register in the following semester if the offer is accepted after fourteenth lecture week in a semester.

8. RESEARCH SUPERVISION

- (1) Research programmes are regulated by the Supervision Policy of Postgraduate Candidate, Universiti Malaya 2020.
- (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 for each semester.
- (6) A candidate whose progress is not satisfactory may have his/her candidature terminated by the Senate.

9. 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.



10. SUBMISSIONS

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

11. 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.

12. 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.



13. 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) candidates must show proof of acceptance for publication of two (2) article in journals indexed by Thomson Reuters Web of Science (WOS) (according to the criteria set in the publication guidelines), prior to graduation.
- (d) fulfil other requirements as prescribed by the faculty for his/her Doctor of Philosophy programme; and
- (e) fulfil the language requirements for his/her Doctor of Philosophy programme

14. AWARD OF THE DEGREE WITH DISTINCTION

A candidate may be awarded the degree of Doctor of Philosophy (with Distinction) if he/she 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.

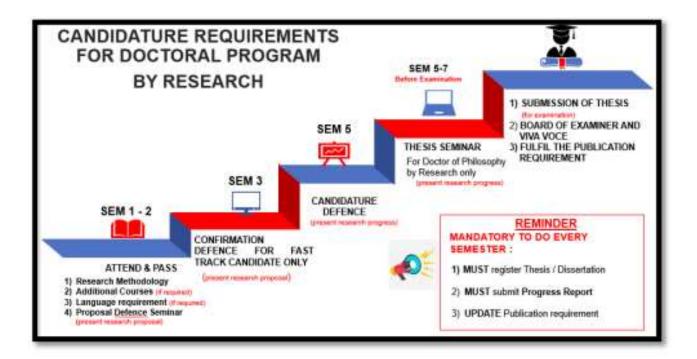


GRADUATE ON TIME SCHEDULE MAJOR ADMINISTRATIVE AND REGULATORY MILESTONES FOR PHD CANDIDATES (CONVENTIONAL PHD) (SCIENCES)

Semester	Activities	Output/Milestone	Comments
1.	 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 	 Completed Research Methodology course Fulfilment of language requirements Presented research proposal 	
2.	 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 	 Literature Review Thesis Plan/Outline of Thesis Submission of Publication 1 (review paper / experimental design) 	 Candidates are strongly advised to use reference management software Eg: Mendeley, Bibtex, EndNote
3.	 Investigation and development of the proposed solutions. Data analysis Candidature Defence report writing Attend at least 2 courses in Upskill Program Candidature Defence 	 Completed Candidature Defence 	 Candidature Defence report should include data collection, findings, thesis outline
4.	 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 	 Submission of Publication 2 Completed drafts of three chapters 	
5.	 Thesis write-up (complete remaining chapters) Presentation of Thesis Seminar Submit 3 Months' Notice for thesis submission Attend Thesis Bootcamp 	 Completed thesis draft Presented Thesis Seminar 	
6.	Finalize and submit thesisPrepare for viva voce	Submission of thesisViva voce	

Notes: Monitoring Panel

- 1. Chairman & 1 member who is an expert in the field and a supervisor. A fourth member is allowed to be appointed if necessary.
- 2. The same panel should follow through the proposal presentation (seminar 1, Candidature Defence and thesis seminar (seminar 2).



RULES AND REGULATIONS

- 1. (Doctoral Degree) Regulations 2024
- 2. (Doctoral Degree) Rules 2024
- 3. (Master Degree) Regulations 2024
- 4. (Master Degree) Rules 2024

Note:

Dear Students, kindly visit https://umsitsguide.um.edu.my/student_lecturer_staff/rules_regulations_stu-lecstf.php for further information for the Rules and Regulations, Universiti Malaya.