



FAKULTI PERGIGIAN  
*Faculty of Dentistry*

# UNDERGRADUATE HANDBOOK

BACHELOR OF DENTAL SURGERY (BDS)

2025/2026



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# **PART 1**

# **STUDENT**

# **HANDBOOK**

## MESSAGE FROM THE DEAN



Dear Universiti Malaya Dental Students,

Congratulations on becoming a student at the Faculty of Dentistry, Universiti Malaya! It is my great pleasure to welcome you to the Faculty of Dentistry and to congratulate you on beginning this exciting journey toward earning your **Bachelor of Dental Surgery (BDS)** degree. You have worked hard to reach this point, and now you are entering a programme that will not only challenge you academically but also shape you into a skilled, compassionate dental professional. Our faculty is committed to providing you with the highest quality education, combining cutting-edge research with clinical expertise. Throughout your studies, you will gain a deep understanding of the scientific foundations of dentistry, and you'll have hands-on opportunities to hone your skills in your training to become a dentist. Dentistry is a profession that demands precision, empathy, and dedication. Over the coming years, you will be supported by a passionate team of educators, clinicians, and staff who will guide you in developing the knowledge and abilities needed to excel in this field. Remember that your time here is not only about acquiring technical skills but also about personal growth. Be open to collaboration, build relationships with your peers, and seize every

opportunity for learning and self-improvement. You are part of a diverse and dynamic community, and we encourage you to make the most of it. The relationships you build here will be instrumental in your success and will enrich your experience both academically and personally. This handbook is more than just a collection of guidelines; it is a key resource designed to help you navigate your undergraduate studies successfully. Inside, you will find important information about our curriculum 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.

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 participating in conferences or competitions, or joining mobility programme, your efforts will contribute to enriching your learning experience as you are on your way to becoming our BDS graduate.

Welcome to the Faculty of Dentistry, and best of luck as you embark on this exciting new chapter!

Warm regards,

**Professor Dr Firdaus Hariri**

Dean

Faculty of Dentistry

Universiti Malaya

## MESSAGE FROM THE DEPUTY DEAN (UNDERGRADUATE)



Dear Students,

Welcome to the Faculty of Dentistry, Universiti Malaya. It gives me great pleasure to extend my warmest greetings to all of you as you embark on your journey in the Bachelor of Dental Surgery (BDS) programme for the 2025/2026 academic session. You are now part of a distinguished community that upholds a proud tradition of excellence in dental education, research, and service to society.

The BDS programme is designed to equip you with the knowledge, clinical skills, and professional values required to become competent and compassionate dental practitioners. Throughout your studies, you will be challenged to think critically, work collaboratively, and apply evidence-based approaches in your clinical practice. We encourage you to embrace every learning opportunity—both inside and outside the classroom—with curiosity, diligence, and a growth mindset.

Our faculty members are committed to guiding and supporting you at every stage of your academic journey. We believe that your time here will not only

shape you into skilled dental professionals but also nurture your integrity, empathy, and sense of responsibility to the community.

May your years in this programme be filled with discovery, personal growth, and meaningful experiences. I wish you every success in your studies and future career.

Warm regards,

**Associate Professor Dr. Norasmatul Akma Ahmad**  
Deputy Dean (Undergraduate)  
Faculty of Dentistry  
Universiti Malaya

## EDUCATION GOAL OF UNIVERSITI MALAYA

Graduates of Universiti Malaya will be able to:

1. Apply knowledge and skills, with an innovative mindset towards sustainability and inclusivity.
2. Utilize effective and advanced information management methods to make data-informed decisions and achieve goals in line with the relevant professional standards.
3. Engage effectively with academia, public authorities, industries and the community, in carrying out professional and social responsibilities.
4. Internalize and demonstrate integrity, resilience, agility, and empathy, in personal, professional, and global community engagement.

Core values for students:

- Integrity: Truthfulness, honesty
- Resilience: Capacity to withstand
- Agility: Adaptability
- Empathy: a show of respect & understanding

## VISION AND MISSION



### 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*



**FAKULTI PERGIGIAN**  
*Faculty of Dentistry*

### Vision

To be a center 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.

# HISTORY OF THE FACULTY OF DENTISTRY

## Timeline of Establishment

### Early days

Universiti Malaya (UM) was founded on 28 September 1905 in Singapore as the King Edward VII College of Medicine. On 8th October 1949, it became the UM with the merger of the King Edward VII College of Medicine and Raffles College (founded in 1928). The Dental Department at the King Edward VII College of Medicine was officially opened in 1927.

Between 1949-1961, the Department of Dentistry, UM was in Singapore. A total of 163 students graduated with BDS (Malaya) degrees when UM was in Singapore. Some of them later became the lecturers, Head of Departments and Professors at the new Dental Faculty, UM in Kuala Lumpur.

### 19th April 1961

Paragraph 32 of the Report of the Board of Studies on the establishment of the Medical Faculty in Kuala Lumpur agreed that ultimately the Course in Dentistry should be provided in Kuala Lumpur.

### 7th November 1966

The paper submitted by the Dean of Medicine at the request of the Director of Medical Services, Ministry of Health, gave the Recommendation to the Senate that a Board of Studies should be appointed to consider the feasibility of establishing a dental programme in UM Kuala Lumpur.

### 14th December 1966

Dean and Members of the Medical Faculty at the Faculty meeting agreed a Board of studies for the dental programme should be set up (Min.99(2)).

### 30th December 1966

The Senate of the University of Malaya made the decision to appoint a Board of Studies on Dentistry in accordance with Statute XII University of Malaya on the establishment of the Board of Studies. The Board, which was subsequently established, recommended the establishment of a Dental Faculty in Kuala Lumpur - Senate Minute 497 (2).

### 10th May 1967

Report Course in Dentistry FMC-575/66 by Dean, Faculty of Medicine, UM.

**24th May 1967**

The first Meeting of the Board of Studies on Dentistry Chaired by The Vice Chancellor, Professor J H E Griffiths (on secondment from University of Oxford). Attended by Dean Faculty of Medicine, Director of Medical Services, Dr Ibrahim Mohd Yassin and other members of the board.

**5th June 1967**

Working Paper on Dental School at University of Malaya Kuala Lumpur by the Dental Association.

**22nd June 1967**

Second Meeting of the Board of Studies on Dentistry Chaired by The Vice Chancellor, Professor J H E Griffiths Attended by Professor A S Prophet and Board Members.

**8th June 1967**

Report on Dental Education in Malaysia (157/69) by Professor A S Prophet Professor of Dental Surgery, & Director of Dental Studies University College Hospital Medical School, University of London.

**4th July 1967**

Third Meeting of the Board of Studies on Dentistry Chaired by The Vice Chancellor, Professor J H E Griffiths Attended by Professor A S Prophet and Board Members.

15th April 1970: Fourth Meeting of the Board of Studies on Dentistry

24th April 1970: Fifth Meeting of the Board of Studies on Dentistry

8th May 1970: Sixth Meeting of the Board of Studies on Dentistry

27th May 1970: Seventh Meeting of the Board of Studies on Dentistry

10th July 1970: Memorandum on Faculty of Dentistry, UM by UM Medical Society

14th July 1970: Eighth Meeting of the Board of Studies on Dentistry

**1970**

Report of the Board of Studies based on all the reports and meetings agreed for the establishment of Faculty of Dentistry in the University of Malaya.

**November 1971**

An Administrative Dean, Professor Dr Ibrahim Yassin Al-Haj was appointed and entrusted with the responsibility for the planning and the development of the new Dental Faculty in Kuala Lumpur.

**May 1972**

The first batch of thirty-two students was admitted to the first-year dental programme.

**Nov 1973**

The foundation stone was laid by The Honourable Deputy Prime Minister, Dato' Hussein Onn.

**19th May 1975**

The Dental Faculty Complex was officiated by The Honourable Prime Minister, Tun Abdul Razak bin Dato' Hussein.

**1994**

Started a Postgraduate Master of Community Dentistry Programme.

**1995**

Launched Orofacial Pain Unit & the Unit of Implantology.

**1996**

Started a Master of Dental Science Programme.

**1998**

The General Dental Council (GDC) of Great Britain recognized the BDS degree of UM.

# ORGANIZATION CHART



## MANAGEMENT

<b>Dean</b>	: <b>Professor Dr. Firdaus Hariri</b> BDS (Malaya), MBBS (Malaya), MSc (Molecular Medicine) (IMU), MDS (OMFS) (with distinction) (HKU)
<b>Deputy Deans:</b>	
<b>Undergraduate</b>	: <b>Assoc. Prof. Dr. Norasmatul Akma Ahmad</b> BDS (Malaya), MClintDent in Prosthodontics (Distinction) (London), MRDRCS (Edinburgh), PhD (Thesis with Distinction) (Malaya)
<b>Postgraduate</b>	: <b>Professor Dr. Wan Nurazreena Wan Hassan</b> BDS (Wales), MScD in Orthodontics (Distinction) (Cardiff), MFDS RCSEd, MOrth RCSEd, FDS RCSEd, PhD (Distinction) (Malaya)
<b>Development</b>	: <b>Assoc. Prof. Dr. Noor Hayati Azami</b> BDS (Malaya), MClintDent (Restorative Dentistry in Conservative Dentistry) (Malaya)
<b>Research</b>	: <b>Assoc. Prof. Dr. Zuraiza Mohamad Zaini</b> BDS (Malaya), MSc Oral Path Oral Med (Queensland), MRACDS Oral Med (Aust), PhD (London)
<b>Clinical Services</b>	: <b>Professor Dr Syarida Hasnur Safii</b> DDS (UKM), MClintDent (Periodontology) (London), MRDRCS (Edinburgh), PhD (Otago)
<b>Student Affair</b>	: <b>Assoc. Prof. Dr. Kathreena Kadir</b> BDS (Malaya), MClintDent (OMFS)(Malaya)

- Manager (Administration)** : **Mr. Mahadi Sibon**  
LLB (Hons) (Birmingham), Pg Dip (Medical Law) (Northumbria),  
LLM (UM)
- Assistant Registrar** : **Ms. Nursyafiqah Abd Malek**  
BSc. Chemistry (Malaya)
- : **Ms. Naquiah Adibah Othman**  
BSc (Hons) Biology (UiTM)
- : **Ms. Nurmarziana Aizie Mohd Yazid**  
B.L.I.S (UiTM)
- : **Mr. Ahmad Azwan Azman**  
B. Med Sci (Hons) (MSU)
- : **Ms. Nur Zulaikha Zaki**  
B.Ed (TESL) (Hons) (Malaya), M.Ed. Mgt (Malaya)
- : **Ms. Nur Amalina Dayana Abd Aziz**  
B.Ed (TESL) (UM), M.Ed (English Language Education) (UM)
- Finance Officer** : **Ms. Normaisarah Salim**  
B. Acc (Hons) (UiTM)
- : **Mr. Fauzan Abdillah**  
B.Acc (Hons) (UM)

## ADMINISTRATIVE STAFF OF THE DEAN'S OFFICE

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	: Ms. Nur Zulaikha Zaki
Finance Officer	: Ms. Normaisarah Salim
	: Mr. Fauzan Abdillah
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	Ms. Nik Zainab Hj Nik Hussin
Assistant Office Secretary	: Ms. Norfarahin Sukor
Admin Assistant (Finance)	: Ms. Al Ardiyanah Abang Mohktar
	Ms. Norjulieana Mohd Nasir
	Ms. Noriza Md Sulaiman
Admin Assistant (P/O)	: Ms. Nithya A/p Chandrasegaran
	Mr. Mohd Afif Abu Bakar
	Ms. Nur Syahirah Adnan
	Ms. Aini Nadia Che Ghani
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	Mr. Mohamad Hanif Hamiruddin
Operation Assistant	: Mr. Mohd Faizul Mat Jusoh
	Mr. Rafie Ibrahim
Admin Assistant (Supervisor)	: Mr. Abdull Zainol
Public Assistant	: Mr. Izzul Arif Rosli
	Mr. Mohamed Hafizee Mohd Zulkarnain

## INFORMATIC UNIT

Assistant Information Technology Officer	: Ms. Siti Zubaidah Makhtar Mr. Abdul Qayum Bohari Mr. Mohamad Aliff Syafiq Jahaijah
Computer Technician	: Mr. Alif Farkhan Mohd Sharif
Assistant Engineer (Audio Visual)	: Mr. Syuib Samsir
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## OFFICE OF THE DEPUTY DEAN (UNDERGRADUATE)

Deputy Dean (Undergraduates)	: <b>Assoc. Prof. Dr. Norasmatul Akma Ahmad</b> BDS (Malaya), MClintDent in Prosthodontics (Distinction) (London), MRDRCs (Edinburgh), PhD (Thesis with Distinction) (Malaya)
Assistant Registrar	: Ms. Nursyafiqah Abd Malek
Secretary	: Ms. Juliana Jundah Ivanhoe
Admin Assistant (P/O)	: Ms. Aini Nadia Che Ghani Ms. Nur Syahirah Adnan Ms. Rafidah Mohd Noli

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## OFFICE OF THE DEPUTY DEAN (CLINICAL SERVICES)

Deputy Dean (Clinical and Services)	: <b>Professor Dr. Syarida Hasnur Safii</b> DDS (UKM), MCLinDent (Periodontology) (London), MRDRCS (Edinburgh), PhD (Otago)
Assistant Registrar	: Mr. Ahmad Azwan Azman
Assistant Project Officer	: Mejar (B) Faizal Abdul Rahman
Dental Officer	: Dr. Farah Afiqah Mohd Fauzi Dr. Melisa Mohd Osman Dr. Mah Ming Kit Dr. Foo Kent Room Dr. Nur Falihin Soehairq Kamal Nurzaman Dr. Nur Hafizah Saffian Dr. Nurul Aqilah Binti Zaidi Dr. Sara Imanina Biniti Ya Mohammad Hassan
Nursing Supervisor	: Ms. Zairin Syahrazad Zaini Ms. Hasdharina Johari
Nurse	: Ms. Nursyahida Ab Rahman Ms. Rosfaiza Mohamed Yusof Ms. Noramira Md Isa Ms. Nordiana Abdul Wahab Mr. Alif Noor Arif Kamarudin Ms. Nor Faridah Abdullah Ms. Chan Ay Fen Ms. 'Aqlah So'ot Ms. Nur Ameza Karim
Dental Technologist	: Ms. Rozlina Mohd Zain Ms. Hafizah Othman Ms. Halimah Musa Mr. Mohd. Najib Mohd Ibrahim Mr. Mohd Uqbah Ramli Ms. Norismaliza Kamarudin Ms. Nur Nadiyah Mohd. Rasit Ms. Nurul Fauzani Mohd Hussin Mr. Rosli Bidin Ms. Salmi Slim Ms. Shubashini A/P Devaraj Ms. Suthashini A/P Doraisamy Ms. Yeneynoorain Mazlan Mr. Divagar A/L Kaveri Mr. Haripin Hassan Mr. Mohamad Hishammudin Mahazer Mr. Mohd Arif Azahar Mr. Raja Muhammad Muzami Raja Jallaludin Ms. Siti Dalila Ibrahim Ms. Yong Kar Yee Mr. Mohd Rushdan Ashraf Mohd Isha Ms. Sarmiira a/p Salvan Mr. Muhamad Irfan Muizz Bin Ab Sattar

Medical Lab Technologist	: Mr. Md Rafiki Rezali Ms. Rusnani Kamal Ms. Faraliza Alias Ms. Intan Syaheera Abdul Hamid Mr. Mohd Anuar Zainon Ms. Nor Hasilah Mokhtar Mr. Richee Rudeen Yasib Mr. Farid Aizat Mohamed Mr. Mohd Khairil Roslan Mr. Muhammad Yazid Yahaya Ms. Shahira Omar Ms. Norhazwana Sudin
Radiographer	: Ms. Suziela Zamshi Mr. Kamarol Addly Mat Nor Ms. Siti Nur Farah Mohd Rowi Mr. Muhammad Zulhairee Mat Zin Ms. Khairun Izzati Zainal Ashar Ms. Fatin Nazhirah Asmuni
Dental Therapist	: Ms. Nurulhuda Kassim Ms. Siti Nurhaslinda Abdul Kadir Ms. Siti Zaleha Musa Ms. Norhayati Nafisah Ibrahim Ms. Maizatul Najmeeah Che Mat Ms. Nuranis Azahar Ms. Siti Rosnihawa Mohd Daud Ms. Hamizah Mohd Nasir
Assistant Pharmaceutical Officer	: Ms. Norzinie Maslina Abdull Razab
Dental Surgery Assistant	: Ms. Che Nurulhana Che Ismail Ms. Fadhilah Mohamed Nawi Ms. Foziana Abdullah Mr. Hafizul Hafiz Mat Rashid Ms. Hartini Shaupi Ms. Jamilah Nakman Ms. Khairunnisa Shamsudin Ms. Kumutha A/P Balachanram Ms. Maizura Osman Ms. Mardiana Jalaludin Ms. Maziah Abdullah Ms. Mazne Mahat Mr. Md Azman Md Nor Mr. Muhamad Nizam Rahman Ms. Nor Azizan Mohamed Zawawi Ms. Nor Azrina Isa Ms. Norazlina Baharom Ms. Norhasidah Idris Ms. Norhayati Adris Ms. Norhayati Ismail Ms. Puteri Maisatulsima Megat Musa Ms. Rosmira Azreen Mohd Rosli Ms. Sharida Mat Ms. Zarina Jasmin Abdul Khalid Mr. Abdul Sollahudin Abdul Rahman Ms. Aida Natasha Abdul Rasid Ms. Dhanusha A/P Balakrishnan Mr. Donny Hii Sieng Onn Ms. Hafiza Zohri

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 Ms. Monica Marsya Manuel Arroqancia  
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 Ms. Shalini A/P Bangaru  
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 Ms. Siti Ruwaida Mohamad Ibrahim  
 Ms. Puan Suriani Ab Karil  
 Ms. Syasya Zamrud  
 Ms. Tuan Nur Athirah Zainal Abidin  
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 Mr. Nor Azlan Dahlim  
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 Mr. Pubalan A/L Kasevan  
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## DENTAL RESEARCH MANAGEMENT UNIT (DRMU)

Deputy Dean (Research & Innovation) : **Assoc. Prof. Dr. Zuraiza Mohamad Zaini**  
 PhD (Dentistry), King's College London  
 MSc (Dental Science), University of Queensland,  
 Australia, BDS (Malaya), Universiti Malaya

Assistant Registrar : Ms. Nurmarziana Aizie Mohd Yazid  
 Administrative Assistant : Ms. Meena Subramaniam  
 Operation Assistant : Mr. Muhammad Azrar Haqkimi Abd Rashid

### **Biomaterial Research Lab (BRL)**

Lab Coordinator : Prof. Dr. Noor Azlin Yahya  
 Science Officer : Ms. Helen Ng Lee Ching  
 Assistant Science Officer : Ms. Zarina Idris  
 Assistant Science Officer : Ms. Sumiati Pool  
 Assistant Science Officer : Ms. Siti Nurul Mardhiah Mohamed  
 Assistant Science Officer : Ms. Nur 'Atikah Sabri

### **Craniofacial and Molecular Biology Research Lab (CMBRL)**

Lab Coordinator : Prof. Dr. Yap Lee Fah  
 Science Officer : Ms. Junaida @ Maimunah Hassan Basari  
 Medical Lab Technologist : Ms. Intan Syaheera Abdul Hamid  
 Assistant Science Officer : Ms. Nuzaimah Ideris

### **Research & Diagnostic Laboratory (RDL)**

Lab Coordinator : Prof. Dr. Thomas George Kallarakkal  
 Science Officer : Ms. Intan Suhana Hamid  
 Medical Lab Technologist : Mr. Muhamed Lahtif Nor Muhamad

### **Balai Ungku Aziz Research Lab (BUARL)**

Lab Coordinator : Dr. Adyani Azizah Binti Abd Halim  
 Medical Lab Technologist : Mr. Md Rafiki Rezali  
 Medical Lab Technologist : Mr. Mohd Anuar Zainon  
 Medical Lab Technologist : Ms. Faraliza Alias

### **Regenerative Science Research Lab (RSRL)**

Lab Coordinator : Assoc. Prof. Dr. Zuraiza Mohamad Zaini  
 Science Officer : Ms. Intan Suhana Hamid  
 Assistant Science Officer : Ms. Nurul Khairyah Abas

### **Thermal Characterization Research Lab (TCRL)**

Lab Coordinator : Prof. Dr. Noor Azlin Yahya  
 Science Officer : Ms. Intan Suhana Hamid  
 Assistant Science Officer : Ms. Nurul Khairyah Abas

### **Oral Cancer Research & Coordinating Centre (OCRCC)**

Head : Assoc. Prof. Dr. Zuraiza Mohamad Zaini  
Deputy Head : Dr. Ainol Haniza Kherul Anuwar  
Research Officer : Dr. Karen Ng Lee Peng  
Research Officer : Dr. Wan Nabillah Wan Abd Ghani  
Assistant Science Officer : Mr. Amirul Hazimi Abu Bakar

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## UNIVERSITI MALAYA DENTAL EDUCATION ENHANCEMENT AND DEVELOPMENT UNIT (UMDEED)

Head : **Prof. Dr. Noor Hayaty Abu Kasim**  
BDS (Malaya), MSc (London), PhD (Newcastle)  
<https://umexpert.um.edu.my/nhayaty>

Deputy Head : Dr. Ainol Haniza Kherul Anuwar  
BDS (Indonesia), M.COH (Malaya), DrDPH(Malaya)  
PGDT( Distinction) (OUM)  
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Assistant Registrar : Ms. Nur Amalina Dayana Abd. Aziz

Assistant Administration Officer : Mr. Hafizan Pal @ Affal

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## DEPARTMENT OF RESTORATIVE DENTISTRY

Head of Department :	Assoc. Prof. Dr. Azwatee Abdul Aziz BDS (Adelaide), MCLinDent in Prosthodontics (London), PhD (Malaya), MDTFEd RCS (Edinburgh) <a href="https://umexpert.um.edu.my/azwatee">https://umexpert.um.edu.my/azwatee</a>	Operative
Professors :	Prof. Dr. Nor Adinar Baharuddin BDS (Adelaide), MDS (Malaya), DCLinDent Periodontology (Otago) <a href="https://umexpert.um.edu.my/noradinar">https://umexpert.um.edu.my/noradinar</a>	Periodontology
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**Note:**

1. OMFS: Oral and Maxillofacial Surgery;
2. OMOP: Oral Medicine & Oral Pathol

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	Prof. Dr. Tay Sun Tee BSc(Hons)(UM), MMedSc(UM), PhD(UM) <a href="https://umexpert.um.edu.my/tayst">https://umexpert.um.edu.my/tayst</a>	Mycology, Bacteriology
	Prof. Dr. Wong Won Fen BSc (UM), Master Of Life Science (Tohoku), PhD (Tohoku) <a href="https://umexpert.um.edu.my/wonfen">https://umexpert.um.edu.my/wonfen</a>	Cellular Immunology
Associate Professors :	Assoc. Prof. Dr. Nadia Atiya MB, BCh, BAO, BMedSci, (Medicine) (Ireland), MPath (Medical Microbiology)(UM) <a href="https://umexpert.um.edu.my/natia">https://umexpert.um.edu.my/natia</a>	Mycobacterial Infections, Antimicrobial Resistance, Bacteriology
	Assoc. Prof. Dr. Chang Li Yen BSc (UPM), MSc (UPM), PhD (UM) <a href="https://umexpert.um.edu.my/changliyen">https://umexpert.um.edu.my/changliyen</a>	Virology, Molecular Biology
	Assoc Prof. Dr. Cindy Teh Shuan Ju BSc (UMS), MSc (UM), PhD (UM) <a href="https://umexpert.um.edu.my/cindysjteh">https://umexpert.um.edu.my/cindysjteh</a>	Epidemiology, Urban And Rural Health, Bacteriology
	Assoc. Prof. Dr. Rukumani Devi A/P Velayuthan MBBS (JNMC), MPath (UM) <a href="https://umexpert.um.edu.my/rukumani">https://umexpert.um.edu.my/rukumani</a>	Mycology
Senior Lecturers :	Dr. Anis Rageh Mohammed Al-Maleki BSc (Sana'a), MSc (Sana'a), PhD (UM) <a href="https://umexpert.um.edu.my/anisrageh">https://umexpert.um.edu.my/anisrageh</a>	Microbial Systematic, Metabolic Pathways, Next-Generation Sequencing, Multiomics

	Dr. Kumutha Malar A/P Vellasamy BSc (UM), MSc (USM), PhD (UM) <a href="https://umexpert.um.edu.my/kumuthamalar">https://umexpert.um.edu.my/kumuthamalar</a>	Bacteriology, Antimicrobial Resistance, Phage Biology
	Dr. Nurhafiza Zainal BSc (UM), MRes (Imperial), PhD (NCKU), PhD (UM) <a href="https://umexpert.um.edu.my/nurhafizazainal">https://umexpert.um.edu.my/nurhafizazainal</a>	Medical Microbiology, Virology, Immunology
	Dr. Chin Kim Ling BBMedSc (UM), PhD (UM) <a href="https://umexpert.um.edu.my/chinkimling">https://umexpert.um.edu.my/chinkimling</a>	Virology, Immunology
	Dr. Rafidah Lani BBMedSc (UM), MMedSc (UM), PhD (UM) <a href="https://umexpert.um.edu.my/rafidahl">https://umexpert.um.edu.my/rafidahl</a>	Virology, Immunology
Lecturers (Clinical) :	Dr. Kartini Abdul Jabar MB BCh BAO (UK), Mpath (UM), MSc (UK) <a href="https://umexpert.um.edu.my/jartiniaj">https://umexpert.um.edu.my/jartiniaj</a>	Medical Microbiology
	Dr. Maria Kahar Bador Abdul Kahar MBBCH (QUB), MSCE (UK) <a href="https://umexpert.um.edu.my/mariakb">https://umexpert.um.edu.my/mariakb</a>	Bacteriology, Medical Microbiology
	Dr. Nuryana Idris MBBS(UM), MPath(UM) <a href="https://umexpert.um.edu.my/nuryana">https://umexpert.um.edu.my/nuryana</a>	Medical Microbiology
	Dr. Tang Soo Nee MD (UNIMAS), MPath (UM) <a href="https://umexpert.um.edu.my/soonee_t">https://umexpert.um.edu.my/soonee_t</a>	Bacteriology, Medical Microbiology
	Dr. Azwani Abdullah MBBS (UM), MPath(MedMicro) (UM) <a href="https://umexpert.um.edu.my/azwani-abdullah">https://umexpert.um.edu.my/azwani-abdullah</a>	Medical Microbiology
Administrative Assistant :	Ms. Roziana Zainal Ms. Siti Nurfairuz Binti Ab Rahman Mr. Ahmad Fadhlullah Hasim	
Medical Laboratory Technologists :	Ms. Ardalinah Hassan Ms. Sharmila Devi Ramasame Ms. Siti Noraisah Ahmad Nasrah Ms. Nur Atifah Ghazali Ms. Lee Jiang Lin Mr. Mohd Fadli Haji Yusoff Ms. Nurul Irma Iza Zulkaffli	

**(F) DEPARTMENT OF PATHOLOGY**

Head of Department :	<b>Assoc. Prof. Dr. Mun Kein Seong</b> MBBS (UM), MPath(UM) <a href="https://umexpert.um.edu.my/ksmun">https://umexpert.um.edu.my/ksmun</a>	Anatomic Pathology
Professors :	Prof. Datuk Dr. Looi Lai Meng MBBS (Singapore), MPath (UM), MRCPPath (UK), MIAC, FRCPA (Aust), MD (UM), FRCPath (UK) <a href="https://umexpert.um.edu.my/looilmm">https://umexpert.um.edu.my/looilmm</a>	Anatomical Pathology
Associate Professors :	Assoc. Prof. Dr. T Malathi Thevarajah MBBS(Madras), MPath (UM), Subspecialization (Endocrinology)(Aus) <a href="https://umexpert.um.edu.my/tmalathi">https://umexpert.um.edu.my/tmalathi</a>	Chemical Pathology
	Assoc. Prof. Dr. Pavai Sthaneshwar B.Sc (Madras), MBBS(Madras), MD (Madras), M.ME, (Medical Education) (UM) <a href="https://umexpert.um.edu.my/pavai">https://umexpert.um.edu.my/pavai</a>	Chemical Pathology
	Assoc Prof Dr. Farhi Ain Jamaluddin MBChB (UK), MASTER (Patologi) (UM) <a href="https://umexpert.um.edu.my/ainj">https://umexpert.um.edu.my/ainj</a>	Chemical Pathology
Lecturers :	Dr. Chow Tak Kuan Advan Diploma MedSc (IMU), MB BCh BAO, (Ireland), MPath (UM) <a href="https://umexpert.um.edu.my/tkchow">https://umexpert.um.edu.my/tkchow</a>	Pathology
	Dr. Diana Ong Bee Lan MBBChBao (Dublin), MPath (UM) <a href="https://umexpert.um.edu.my/diana-ong">https://umexpert.um.edu.my/diana-ong</a>	Anatomical Pathology
	Dr. Prashant Naresh Samberkar MBBS (Bombay), MD (Mumbai) <a href="https://umexpert.um.edu.my/samberkar">https://umexpert.um.edu.my/samberkar</a>	Forensic Pathology
	Dr Wong Chee Seng MBBS (IMU), MPath (UM) <a href="https://umexpert.um.edu.my/wong-cs">https://umexpert.um.edu.my/wong-cs</a>	Forensic Pathology
	Dr Lai Ngan Shan MD(UKM), MPath (UM) <a href="https://umexpert.um.edu.my/lainganshan.html">https://umexpert.um.edu.my/lainganshan.html</a>	Haematopathology
	Dr. Alex Phang Kean Chang BSc (UM), Ph.D (Pathology) (UKM), MOHRE (UM) <a href="https://umexpert.um.edu.my/drphang">https://umexpert.um.edu.my/drphang</a>	Anatomical Pathology Scientist
	Dr Ting Choo Yuen PhD (UM), M.Sc Pharmacy (UKM), B.Sc (Hons) Biochemistry <a href="https://umexpert.um.edu.my/chooyuen">https://umexpert.um.edu.my/chooyuen</a>	Anatomical Pathology Scientist

Dr. Wardah Mohd Soberi

Medical Officer  
(SLAB)

UMMC Staff :

Dr. Nazarina Abdul Rahman  
Dr. Chiew Seow Fan  
Dr. Mardziah Mohamad  
Dr. Hana Shafinaz Jamaluddin  
Dr. Poh Kim Yan  
Dr. Chew Man Fong

UMMC Staff  
Medical Officer:

Dr Dahlia Munchar  
Dr Ooi Sze Teng  
Dr NorHasnida Zainuddin

Administrative  
Assistants (P/O):

Ms. Noor Haslinda Mohd Arif  
Ms. Fatin Farhana Samsol

## PROGRAMME EDUCATION OBJECTIVES (PEO)

The UM Faculty of Dentistry's Programme Educational Objectives (PEO) are:

No	Programme Educational Objective Statements
PEO1	<p>Graduan yang berkebolehan untuk mengaplikasi pengetahuan asas berkaitan bidang gpergajian serta kompeten secara klinikal dan teknikal dalam memberikan penjagaan kesihatan mulut tanpa bantuan dan dengan selamat.</p> <p><i>(Graduates who are able to apply basic knowledge related to the field of dentistry and are competent clinically and technically in providing oral health care independently and safely) - Mapped with PLO1, PLO2, PLO3</i></p>
PEO2	<p>Graduan yang mempunyai kemahiran komunikasi, interpersonal dan kepimpinan yang berkesan serta melaksanakan tanggungjawab sosial dalam komuniti.</p> <p><i>(Graduates who have effective communication, interpersonal and leadership skills, and who exercise social responsibility in the community). - Mapped with PLO4, PLO6</i></p>
PEO3	<p>Graduan yang bermotivasi menjalani pembelajaran sepanjang hayat, dengan kemahiran numerasi dan digital yang relevan, serta memiliki minda keusahawanan untuk pembangunan profesional selanjutnya.</p> <p><i>(Graduates who are motivated to undertake lifelong learning, with the relevant numeracy and digital skills, as well as possess an entrepreneurship mindset for further professional development.) - Mapped with PLO5, PLO7, PLO8</i></p>
PEO4	<p>Graduan yang patuh kepada kod etika dan profesionalisma serta mempamerkan prinsip dan nilai murni dalam kehidupan dan kerjaya</p> <p><i>(Graduates who adhere to the codes of ethics, professionalism and display noble principles and values in life and career) - Mapped with PLO9</i></p>

## PROGRAMME LEARNING OUTCOMES (PLO)

No.	Hasil Pembelajaran Program (PLO) <i>Programme Learning Outcome(s)</i> (PLO)	Kluster Hasil Pembelajaran MQF <i>MQF Clusters of Learning Outcomes*</i> (CLS1/CLS2/ CLS3a/CLS3b/ CLS3c/CLS3d/ CLS4/CLS5)	Kategori Taksonomi <i>Taxonomy Category</i> (K/PIA)*
PLO1	Menguasai pengetahuan saintifik untuk menyokong amalan pergigian. <i>Possess scientific knowledge to support the practice of dentistry.</i>	Cluster 1: Knowledge and Understanding	Cognitive
PLO2	Mengaplikasi maklumat dan teknik saintifik semasa dalam amalan pergigian. <i>Apply current scientific information and techniques in the practice of dentistry.</i>	Cluster 2: Cognitive	Cognitive
PLO3	Menjalankan prosedur amalan pergigian secara perseorangan (independently) dan selamat. <i>Perform clinical dental procedures independently and safely.</i>	Cluster 3 (a) : Practical Skills	Psychomotor
PLO4	Berkomunikasi secara berkesan dengan rakan-rakan profesional pergigian dan kesihatan lain, pesakit dan komuniti. <i>Communicate effectively with the dental team and other health professionals, patients and the community.</i>	Cluster 3 (b) : Interpersonal & Communication Skills	Affective
PLO5	Mengurus kemahiran maklumat digital dan numerasi dalam bidang pergigian dengan cekap. <i>Manage digital and numeracy information skills in the field of dentistry competently.</i>	Cluster 3 (e): Digital & Numeracy Skills	Psychomotor
PLO6	Mempamer kemahiran kepimpinan dan bekerja secara autonomi dalam menguruskan penjagaan kesihatan mulut untuk individu dan masyarakat. <i>Display leadership skills and work autonomously in managing oral health care for individuals and the community.</i>	Cluster 3(f): Leadership, Autonomy & Responsibility	Affective
PLO7	Mempamer kemahiran keusahawanan dalam pengurusan amalan pergigian. <i>Display entrepreneurial skills in the management of dental practice.</i>	Cluster 4: Entrepreneurial Skills	Cognitive
PLO8	Mempamer kemahiran untuk pembelajaran sepanjang hayat dan pembangunan profesional yang berterusan. <i>Display skills for life-long learning and continuing professional development .</i>	Cluster 4: Personal skill	Cognitive
PLO9	Mempamer nilai etika dan profesionalisme dalam pengamalan pergigian mengikut undang-undang dan garis panduan berkaitan dengan pengamalan profesion pergigian. <i>Display ethical values and professionalism in practicing dentistry within the confine of the laws and guidelines governing the profession.</i>	Cluster 5: Ethics & Professionalism	Affective

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FAKULTI PERGIGIAN, UNIVERSITI MALAYA  
PRA-KLINIKAL - TAHUN 1 (KURIKULUM BARU)**

<b>SEMESTER 1</b>				
Minggu Haluaniswa -WOW	1 minggu	06.10.2025	-	12.10.2025
Kuliah Semester 1.1	10 minggu	13.10.2025	-	21.12.2025
Cuti Pertengahan Semester 1.1	1 minggu	22.12.2025	-	28.12.2025
Minggu Ulangkaji	1 minggu	29.12.2025	-	04.01.2026
Ujian Semester 1.1	1 minggu	05.01.2026	-	11.01.2026
Kuliah Semester 1.2	6 minggu	12.01.2026	-	22.02.2026
Minggu Ulangkaji	1 minggu	23.02.2026		01.03.2026
Ujian Semester 1.2	1 minggu	02.03.2026	-	08.03.2026
	<hr/> 22 minggu <hr/>			
<b>SEMESTER 2</b>				
Kuliah Semester 2.1	2 minggu	09.03.2026	-	22.03.2026
Cuti Pertengahan Semester 2.1	1 minggu	23.03.2026	-	29.03.2026
Kuliah Semester 2.1	8 minggu	30.03.2026	-	24.05.2026
Minggu Ulangkaji	1 minggu	25.05.2026	-	31.05.2026
Ujian Semester 2.1	1 minggu	01.06.2026	-	07.06.2026
Kuliah Semester 2.2	5 minggu	08.06.2026	-	12.07.2026
Minggu Ulangkaji	1 minggu	13.07.2026	-	19.07.2026
Peperiksaan Akhir	2 minggu	20.07.2026	-	02.08.2026
Cuti Semester / Peperiksaan Semula	8 minggu	03.08.2026	-	27.09.2026
	<hr/> 29 minggu <hr/>			

- Jumlah minggu Pengajaran & Pembelajaran (termasuk Minggu Ulangkaji dan Peperiksaan) adalah **40 minggu** mengikut Standard dan Kriteria untuk Akreditasi Program Ijazah Sarjana Muda Pembedahan Pergigian.
- Jumlah Cuti Semester & Cuti Pertengahan Semester: **10 minggu + 1 Minggu Haluan Siswa**
- Tarikh cuti adalah tertakluk kepada cuti umum dan hari pelepasan am bagi Kuala Lumpur

Deepavali 20 Oktober 2025 (Isnin)  
 Hari Krismas 25 Disember 2025 (Khamis)  
 Cuti Tahun Baharu 01 Januari 2026  
 (Khamis)  
 Hari Thaipusam 01 Februari 2026 (Ahad)  
 Hari Wilayah 01 Februari 2026 (Ahad)  
 Tahun Baharu Cina 17 & 18 Februari 2026  
 (Selasa & Rabu)  
 Nuzul Al-Quran 07 Mac 2026 (Sabtu)  
 Hari Raya Aidilfitri 20 & 21 Mac 2026  
 (Jumaat & Sabtu)

Hari Pekerja 01 Mei 2026 (Jumaat)  
 Hari Raya Aidiladha 27 Mei 2026 (Rabu)  
 Hari Wesak 31 Mei 2026 (Ahad)  
 Hari Keputeraan Agong 01 Jun 2026 (Isnin)  
 Awal Muharram 16 Jun 2026 (Selasa)  
 Maulidur Rasul 25 Ogos 2026 (Selasa)  
 Hari Kebangsaan 31 Ogos 2026 (Isnin)  
 Hari Malaysia 16 September 2026 (Rabu)

**KALENDAR PENGAJIAN SESI AKADEMIK 2025/2026  
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FAKULTI PERGIGIAN, UNIVERSITI MALAYA  
PRA-KLINIKAL - TAHUN 2 (KURIKULUM LAMA)**

SEMESTER 1				
Kuliah Semester 1.1	10 minggu	13.10.2025	-	21.12.2025
Cuti Pertengahan Semester 1.1	2 minggu	22.12.2025	-	04.01.2026
Kuliah Semester 1.2	9 minggu	05.01.2026	-	08.03.2026
Ujian Semester 1.2	1 minggu	09.03.2026	-	15.03.2026
Cuti Pertengahan Semester 1	2 minggu	16.03.2026	-	29.03.2026
	24 minggu			
SEMESTER 2				
Kuliah Semester 2.1	8 minggu	30.03.2026	-	24.05.2026
Minggu Ulangkaji	1 minggu	25.05.2026	-	31.05.2026
Ujian Semester 2.1	1 minggu	01.06.2026	-	07.06.2026
Kuliah Semester 2.2	5 minggu	08.06.2026	-	12.07.2026
Minggu Ulangkaji	1 minggu	13.07.2026	-	19.07.2026
Peperiksaan Akhir	3 minggu	20.07.2026	-	09.08.2026
Cuti Semester / Peperiksaan Semula	7 minggu	10.08.2026	-	27.09.2026
	26 minggu			

- Jumlah minggu Pengajaran & Pembelajaran (termasuk Minggu Ulangkaji dan Peperiksaan) adalah **39 minggu** mengikut Standard dan Kriteria untuk Akreditasi Program Ijazah Sarjana Muda Pembedahan Pergigian.
- Jumlah Cuti Semester & Cuti Pertengahan Semester: **11 minggu**
- Tarikh cuti adalah tertakluk kepada cuti umum dan hari pelepasan am bagi Kuala Lumpur

Deepavali 20 Oktober 2025 (Isnin)  
 Hari Krismas 25 Disember 2025 (Khamis)  
 Cuti Tahun Baharu 01 Januari 2026  
 (Khamis)  
 Hari Thaipusam 01 Februari 2026 (Ahad)  
 Hari Wilayah 01 Februari 2026 (Ahad)  
 Tahun Baharu Cina 17 & 18 Februari 2026  
 (Selasa & Rabu)  
 Nuzul Al-Quran 07 Mac 2026 (Sabtu)  
 Hari Raya Aidilfitri 20 & 21 Mac 2026  
 (Jumaat & Sabtu)

Hari Pekerja 01 Mei 2026 (Jumaat)  
 Hari Raya Aidiladha 27 Mei 2026 (Rabu)  
 Hari Wesak 31 Mei 2026 (Ahad)  
 Hari Keputeraan Agong 01 Jun 2026 (Isnin)  
 Awal Muharram 16 Jun 2026 (Selasa)  
 Maulidur Rasul 25 Ogos 2026 (Selasa)  
 Hari Kebangsaan 31 Ogos 2026 (Isnin)  
 Hari Malaysia 16 September 2026 (Rabu)

## LAMPIRAN J3

**KALENDAR PENGAJIAN SESI AKADEMIK 2025/2026  
(IJAZAH SARJANA MUDA PEMBEDAHAN PERGIGIAN)  
FAKULTI PERGIGIAN, UNIVERSITI MALAYA  
PRA-KLINIKAL – TAHUN 3, 4 & 5 (KURIKULUM LAMA)**

SEMESTER 1				
Kuliah Semester 1.1	10 minggu	13.10.2025	-	21.12.2025
Cuti Pertengahan Semester 1.1	2 minggu	22.12.2025	-	04.01.2026
Kuliah Semester 1.2	9 minggu	05.01.2026	-	08.03.2026
Ujian Semester 1.2	1 minggu	09.03.2026	-	15.03.2026
Cuti Pertengahan Semester 1	2 minggu	16.03.2026	-	29.03.2026
	24 minggu			
SEMESTER 2				
Kuliah Semester 2.1	8 minggu	30.03.2026	-	24.05.2026
Cuti Pertengahan Semester 2.1	1 minggu	25.05.2026	-	31.05.2026
Ujian Semester 2.1	1 minggu	01.06.2026	-	07.06.2026
Kuliah Semester 2.2	7 minggu	08.06.2026	-	26.07.2026
Minggu Ulangkaji	2 minggu	27.07.2026	-	09.08.2026
Peperiksaan Akhir	3 minggu	10.08.2026	-	30.08.2026
Cuti Semester / Peperiksaan Semula	4 minggu	31.08.2026	-	27.09.2026
	26 minggu			

- Jumlah minggu Pengajaran & Pembelajaran (termasuk Minggu Ulangkaji dan Peperiksaan) adalah **41 minggu** mengikut Standard dan Kriteria untuk Akreditasi Program Ijazah Sarjana Muda Pembedahan Pergigian.
- Jumlah Cuti Semester & Cuti Pertengahan Semester: **9 minggu**
- Tarikh cuti adalah tertakluk kepada cuti umum dan hari pelepasan am bagi Kuala Lumpur

Deepavali 20 Oktober 2025 (Isnin)  
 Hari Krismas 25 Disember 2025 (Khamis)  
 Cuti Tahun Baharu 01 Januari 2026  
 (Khamis)  
 Hari Thaipusam 01 Februari 2026 (Ahad)  
 Hari Wilayah 01 Februari 2026 (Ahad)  
 Tahun Baharu Cina 17 & 18 Februari 2026  
 (Selasa & Rabu)  
 Nuzul Al-Quran 07 Mac 2026 (Sabtu)  
 Hari Raya Aidilfitri 20 & 21 Mac 2026  
 (Jumaat & Sabtu)

Hari Pekerja 01 Mei 2026 (Jumaat)  
 Hari Raya Aidiladha 27 Mei 2026 (Rabu)  
 Hari Wesak 31 Mei 2026 (Ahad)  
 Hari Keputeraan Agong 01 Jun 2026 (Isnin)  
 Awal Muharram 16 Jun 2026 (Selasa)  
 Maulidur Rasul 25 Ogos 2026 (Selasa)  
 Hari Kebangsaan 31 Ogos 2026 (Isnin)  
 Hari Malaysia 16 September 2026 (Rabu)

### LIST OF BDS CORE COURSES

<b>FIRST YEAR</b>				
<b>NO.</b>	<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>COURSE COMPONENT</b>	<b>STUDENT LEARNING TIME</b>
1.	DIA1005	HUMAN HEALTH AND DISEASE I	a) ANATOMY b) BIOCHEMISTRY c) ORAL BIOLOGY d) PHYSIOLOGY	1327
2.	DIA1006	COMMUNITY ORAL HEALTH AND PROFESSIONAL DEVELOPMENT I		210
3.	DIA1007	INTRODUCTION TO ARTIFICIAL INTELEGENCE (AI) IN DENTISTRY		86

<b>SECOND YEAR</b>				
<b>NO.</b>	<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>COURSE COMPONENT</b>	<b>STUDENT LEARNING TIME</b>
1.	DIA2007	HUMAN HEALTH AND DISEASE II	a) MICROBIOLOGY b) PATHOLOGY c) PHARMACOLOGY	673
2.	DIA2008	CLINICAL DENTISTRY I	K1 RESTORATIVE DENTISTRY  a) OPERATIVE DENTISTRY b) DENTAL MATERIALS c) PROSTHODONTICS 1 d) PERIODONTOLOGY I  K3 MEDICAL & SURGICAL DENTISTRY RADIOLOGI	1263
3.	DIA2009	COMMUNITY ORAL HEALTH AND PROFESSIONAL DEVELOPMENT II		182

<b>THIRD YEAR</b>				
<b>NO.</b>	<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>COURSE COMPONENT</b>	<b>STUDENT LEARNING TIME</b>
1.	DIA3013	HUMAN HEALTH AND DISEASE III	a) GENERAL SURGERY b) GENERAL MEDICINE	400
2.	DIA3014	CLINICAL DENTISTRY II	K1 RESTORATIVE DENTISTRY  a) ENDODONTICS & OPERATIVE b) PROSTHODONTICS c) PERIODONTOLOGY  K2 CLINICAL ORAL HEALTH AND ORTHODONTICS  a) ORTHODONTIC b) PAEDIATRIC  K3 MEDICAL & SURGICAL DENTISTRY  a) ORAL SURGERY b) ORAL MAXILLOFACIAL & ORAL PATHOLOGY c) RADIOLOGY	1504
3.	DIA3015	COMMUNITY ORAL HEALTH AND PROFESSIONAL DEVELOPMENT III		196

<b>FOURTH YEAR</b>				
<b>NO.</b>	<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>COURSE COMPONENT</b>	<b>STUDENT LEARNING TIME</b>
1.	DIA4012	CLINICAL DENTISTRY III	K1 RESTORATIVE DENTISTRY a) ENDODONTICS & OPERATIVE b) PROSTHODONTICS c) PERIODONTOLOGY K2 CLINICAL ORAL HEALTH AND ORTHODONTICS d) ORTHODONTIC e) PAEDIATRIC K3 MEDICAL & SURGICAL DENTISTRY f) ORAL SURGERY & RADIOLOGY g) ORAL MAXILLOFACIAL & ORAL PATHOLOGY K4 COMPREHENSIVE DENTISTRY	1742
2.	DIA4013	COMMUNITY ORAL HEALTH AND PROFESSIONAL DEVELOPMENT IV		217
3.	DIA4014	RESEARCH PROJECT**		200

<b>FIFTH YEAR</b>				
<b>NO.</b>	<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>COURSE COMPONENT</b>	<b>STUDENT LEARNING TIME</b>
1.	DIA5008	CLINICAL DENTISTRY IV	K1 RESTORATIVE DENTISTRY a) ENDODONTICS & OPERATIVE b) PROSTHODONTICS K2 CLINICAL ORAL HEALTH AND ORTHODONTICS a) ORTHODONTIC b) PAEDIATRIC K4 COMPREHENSIVE DENTISTRY	2186
3.	DIA4014	RESEARCH PROJECT **		43

\*\* Progressive course

## LIST OF UNIVERSITY COURSES

Dental students are required to undertake 10 credit hours of university courses. The predetermined required courses are taken in the First Year and are as follows:

### LOCAL STUDENTS

COURSES	TERM 1		TERM 2	
	COURSE CODE	NAMA KURSUS / COURSE NAME	COURSE CODE	NAMA KURSUS / COURSE NAME
UNIVERSITY COURSES	GIG1012	Philosophy and Current Issues	GIG1003	Basic Entrepreneurship Culture
			GIG1013	Appreciation of Ethics and Civilisations
UNIVERSITY (ENGLISH) COURSES	GLT1024	Proficiency In English III	GLT1025	Effective Oral Communication
	GLT 1027	Advanced Oral Communication	GLT1028	Advanced Bussiness Writing

### INTERNATIONAL STUDENTS

COURSES	TERM 1		TERM 2	
	COURSE CODE	NAMA KURSUS / COURSE NAME	COURSE CODE	NAMA KURSUS / COURSE NAME
UNIVERSITY COURSES	GLT1017	Basic Malay Language	GIG1003	Basic Entrepreneurship Culture
			GIG1013	Appreciation of Ethics and Civilisations
UNIVERSITY (ENGLISH) COURSES	GLT1024	Proficiency In English III	GLT1025	Effective Oral Communication
	GLT 1027	Advanced Oral Communication	GLT1028	Advanced Bussiness Writing

## UM STUDENT DRESS CODE

The regulations regarding student dress at the Universiti Malaya as stated below have been implemented from the 1985/86 session:-

The purpose of this rule is to overcome the problem:

- General safety
- Safety in the laboratory
- Infectious diseases (in the clinic)
- Students are not allowed to cover their faces so that their lecturers can see the students' reactions when they are teaching. This is one of the ways to evaluate the effectiveness of teaching

To fulfill the above purpose, students are not allowed to wear the following clothing in lecture halls, seminar rooms, libraries, laboratories and other study rooms as well as examination halls:

- Slippers.
- T shirt.
- Gloves (except medical and dental students in clinics and laboratories).
- Any clothing that covers all or part of the face or any clothing that makes student identification difficult.
- Immodest and inappropriate clothing.



## TATACARA BERPAKAIAN DAN PENAMPILAN PELAJAR UNIVERSITI MALAYA

### DRESS CODE AND APPEARANCE GUIDES FOR UNIVERSITI MALAYA STUDENTS



Majlis Rasmi  
Official Events

Semua pelajar dikehendaki mematuhi Arahan Pentadbiran Universiti Malaya (Etika Berpakaian dan Penampilan Pelajar) 2024 sewaktu berada di kawasan kampus. *UM Students must adhere to the Universiti Malaya Administrative Directions (Student Dress Code and Appearance) 2024 while on campus.*



Kuliah, Urusan Pejabat,  
Peperiksaan dan Perpustakaan  
Lectures, Office Matters,  
Examination and Library



Sukan dan Rekreasi  
Sports and Recreational

Semua staf universiti termasuk staf akademik, pentadbiran, perpustakaan, dan keselamatan adalah diberi kuasa memberi teguran sama ada secara lisan atau bertulis kepada mana-mana pelajar yang didapati melanggar mana-mana peruntukan di dalam Arahan Pentadbiran ini. Mana-mana pelajar yang tidak mematuhi peruntukan Arahan Pentadbiran ini boleh dihalang daripada memasuki atau berurusan di kawasan yang dikuatkuasakan peruntukan Arahan Pentadbiran ini atau apa-apa tindakan pentadbiran lain yang ditetapkan dari semasa ke semasa.

*All university staff members including academic, administrative, library and security are authorised to reprimand either verbally or in writing to any student who is found to be in violation of any of the provisions in these Administrative Directions. Any student who does not comply with the provisions of these Administrative Directions may be prevented from entering or dealing in the area where the provisions of these Administrative Directions are enforced or any other administrative actions determined from time to time.*



SCAN ME

## DENTAL STUDENTS PROFESSIONAL IMAGE AND GUIDELINES FOR CLINICAL STUDENTS

### Part 1: GENERAL GUIDELINES FOR ALL DENTAL STUDENTS

The demeanour of every individual in the Faculty contributes directly or indirectly to the perceived standards of excellence in professionalism, care and management of patients in the eyes of the public. Deviations from accepted norms in physical appearance and professional behaviour are detrimental to maintaining the high standards our patients expect and may cause them to question the standard of care offered at Faculty of Dentistry, Universiti Malaya

Therefore we seek your cooperation to project to our patients, colleagues and visitors a professional image of the faculty at all times. In addition to the general rules applicable to all University of Malaya students, the Faculty of Dentistry has set additional guidelines which apply to all under- and postgraduate students in both clinical and non-clinical years.

**Warning: Appropriate action may be taken against students who purposely refuse to comply with these guidelines, including being barred from entering clinics, laboratories, lecture halls or examination halls.**

#### 1.1 General Dress Code

- (1) All students must appear to be well-groomed at all times.
- (2) For male students - appropriate shirts, pants, shoes and socks should be worn. Students are not allowed to wear jeans, T-shirts, shorts and sandals in the faculty building during office hours.
- (3) For female students, appropriate blouses and skirts should be worn. No halter, tank tops or revealing clothes are allowed. Skirts must be of proper professional length (knee length). Earrings and jewelry should be kept to a minimum.
- (4) Shoes should be clean and closed-toed. No sandals or open-toed shoes should be worn in the clinics or laboratories.
- (5) Students who are inappropriately dressed are not allowed to be in the faculty area.
- (6) Male students should not resemble females and likewise, female students should not resemble males. This means that students are not permitted to dress up like the opposite gender and male students are prohibited from wearing makeup.
- (7) Sleeveless T-Shirts, T-Shirts with pictures or writings that are conflicting with

the constitutional beliefs of Malaysia.

- (8) Not too tight or not 'body hugging' or revealing (transparent or see-through).
- (9) Short pants.
- (10) Sandals.

## 1.2 Face Accessories Male (Ear Stud, Nose-Rings, Lipsticks, Tattoo)

- (1) Hair colouring.
- (2) Hair exceeding shoulder length (male students only).
- (3) Personal Hygiene (Nail cut appropriately).
- (4) Provocative and indecent attire.

## 1.3 Personal Hygiene and Cleanliness

- (1) Hair should be clean, neatly trimmed and well-maintained. Long hair should be pinned or held back so that it does not interfere with the field of vision or require handling during laboratory or clinical procedures.
- (2) Those who shave must be clean-shaven. Beards and moustaches are allowed, but must be kept clean, neatly trimmed, and appear well-groomed.
- (3) Fingernails must be kept short and well-manicured (no more than fingertip-length) to avoid puncture of examination gloves. Only clear nail polish is allowed.

## 1.4 Attendance to teaching sessions including lectures, tutorials/seminars, laboratory and clinical sessions

- (1) Attendance at teaching sessions is mandatory for all students. The BDS Rules & Regulations 2025 explicitly states that students who fail to achieve **at least 80% attendance** for all Core Courses shall be barred from taking the Professional Examination, subsequently failing the courses registered at the academic session. Consequently, the student would have to repeat the particular year.
- (2) Students who miss sessions for valid reasons should request permission to be exempted from the teaching session from the Dean or Deputy Dean(Undergraduate). The form for exemption from the teaching session is available from the Dean's office (Appendix 1) with any additional documents as

stated in subsection 1.4 (3). Only hard copies shall be accepted.

- (3) Permission form must be submitted to the Dean or Deputy Dean(Undergraduate) office within seven (7) days after returning from the last date of absence. Application made after the Department or Faculty barring meeting shall be rejected and the absence counted.
- (4) Accepted reasons and their clauses are as follows:
- (a) Medical leave or quarantine
    - Proof of sickness i.e. medical certificate or quarantine order must be attached.
  - (b) Medical/Dental appointments
    - Medical and dental appointments are given early. The student must obtain permission from the supervisor or lecturer that he/she shall miss the teaching session prior to attending the appointment. Application without permission from the supervisor or lecturer shall be rejected.
    - Proof of the appointment by the attending physician/surgeon/dentist i.e. time slip must be attached.
  - (c) Participation in Faculty or University related activities
    - The student must obtain permission from the supervisor or lecturer that he/she shall miss the teaching session prior to attending the appointment.
    - Proof of the event i.g. Invitation letter and recommendation letter from the University and/or Faculty authorities e.g. Dean, Deputy Dean(Student Affairs) or supervisor must be attached.
  - (d) Religious events
    - Permission is subject to that which is allowed by the University.
    - Application must be submitted by the individual for specific events with proof of event or student body i.e. through/by the President of Universiti Malaya Dental Society(DENSOC) for a specific group.
    - Application for non-related/non-celebrating individuals shall not be permitted.
  - (e) Other reasons shall be considered on a case by case basis
    - Students should request for the leave in advance for premeditated reasons. Generally, the application shall be rejected if the reason can be arranged during semester break such as taking a driving license examination.

- Exemption for attending the funeral of a close relative shall be considered for no more than two (2) days, counted from the day of the funeral (one day for the event and one day to travel return). Students must provide evidence of death certificate and family relations e.g. birth certificate. Attending the funeral of a distant family or friends shall not be considered.

## 1.5 Health Examination

- (1) Students must attend the health examination requirements by the institutional clinic. Outcome from the health examination will be managed in accordance to the guidelines of the professional body.
- (2) Students need to inform the Faculty Management if known to contract any blood-borne viruses.

Reference:

Guidelines For Oral Healthcare Practitioners Infected With Blood-Borne Viruses (Malaysian Dental Council, 2014)

## Part 2: RULES AND REGULATIONS IN THE CLINIC

### 2.1 Special Dress Code for Clinical Students

Students are expected to project a higher standard of personal grooming while working in the clinics. Therefore in addition to the university students general dress regulations, the dress code for dental students during clinical sessions are as follows:

- (1) At the Dental Clinics and Faculty areas, students should wear the standardized scrub suit or white coat when the scrub is not available in the Dental Clinics.
- (2) At the Dental Students Laboratory, students should remove the white coat and wear the disposable apron that has been provided at the Dental Laboratory.
- (3) Students should maintain a very high standard of personal and oral hygiene so that there is no unpleasant body or mouth odor which may be unpleasant to the patients. However, very strong perfumes or cologne may be offensive to others, therefore avoid excessive use.
- (4) Fingernails must be kept short and well manicured (no more than fingertip-length) to avoid puncture of examination gloves.
- (5) Male students are required to wear slacks and collared shirts. Shirts should be neat and well ironed. Jeans, T-shirts and other inappropriate attire for a clinical environment are not allowed. Dark coloured slacks and dark shoes are preferred to project a more professional image.
- (6) For female students, skimpy revealing dresses, clothing that are too tight fitting, too short, hipster pants, sleeveless and low cut blouses or blouses that exposes the tummy are not allowed. Female students are required to wear closed-toed shoes.
- (7) Hair must be neat at all times especially when treating patients. Long hair must be tied back so that it does not fall on to the patient's face or block the clinical operator's view during treatment.
- (8) Wearing excessive jewelry and very strong perfumes are not allowed when treating patients. Heavy application of make-up should also be avoided.

## 2.2 General Students Conduct in the Polyclinics

- (1) These are the general guidelines of the guidelines to the students.
  - (a) Food and drinks are not allowed in the clinics.
  - (b) **Students are not allowed to use mobile phones at all times while in the clinics.** Reading newspapers, using a handphone, and texting while assisting are not allowed.
  - (c) Students are to leave the clinic when they have no patients and are not allowed to group together and have chit-chats.
  - (d) Students should communicate only in English and Bahasa Malaysia when in the clinic except while communicating with patients.
  - (e) Working tables must be kept neat, tidy and clean at all times. Mobile storage units must be tucked in its proper place after use at each session.
  - (f) Students must follow the discipline of his/her group as stated in the timetable. That is, they are not allowed to change cubicles/discipline in the clinic.
  - (g) In the event that the student needs to change cubicles, he/she must get approval from the supervisor in charge to change cubicles. Procedure is as follows:
    - Obtain the agreement of the clinical partner. Learning of the clinical partner for that particular discipline is a shared responsibility;
    - Obtain the approval from the supervisor who agreed to supervise and the polyclinic sister supervisor;
    - Obtain the approval of the Designated Supervisor and his/her Head of Department;
    - Submit the form to the Dean's office for approval by the Deputy Dean(Undergraduate).
    - Retrospective approval is prohibited.

## 2.3 Merit System

Students are required to follow the merit system regulated by the University.

- (1) Students are strongly encouraged to participate in any Faculty or University related activities.
- (2) Students should participate to represent the Faculty and University in

extracurricular activities and academic competitions at National and International level to uplift the reputation of the University.

- (3) The achievements may be used for selection of outstanding awards to the performing students.

## 2.4 Faculty Demerit System

- (1) This system has been introduced to enhance discipline and professionalism among students. It aims to promote positive attitudes, responsibility, and integrity, while also identifying and taking early action against students who exhibit behavioural or academic issues. All students begin Year 1 with **10 merit points**, and points will be deducted for any misconduct, with serious cases attracting additional disciplinary action.
- (2) A show cause letter from Deputy Dean’s (Undegraduate/Student Affair) office will be considered as a warning letter.
- (3) Based on the clause 21 (1)(d) BDS Rules and Regulation2025, a student that received two (2) warning letters may be barred from sitting the final examination.

Category	Misconduct	Merit Deduction	Additional Action
<b>Minor Misconduct</b>	Absence from official faculty/university programmes or clinical sessions without valid reason	-1	Warning if merit < 5
	Non-compliance with UM Student Dress Code / Unprofessional behaviour	-1	Warning if merit < 5
<b>Serious Misconduct</b>	Falsifying clinical reports/ assignments/Medical Certificate	-5	Disciplinary action
	Forging lecturer’s signature	-5	Disciplinary action
	Academic plagiarism	-5	Disciplinary action
	Harassment, threats, or violence towards any faculty/university member	-1 or more (depending on severity)	Disciplinary action

**Note:**

A **warning letter** will be issued when merit points drop **below 5**.

## 2.5 Special Attire in the Polyclinic

- (1) Treatment gowns are available when treating patients and students are required to follow the clinical guidelines available from the polyclinic and other treatment areas.
- (2) Only one gown is allowed per student per session and has to be recorded upon receiving and returning. Should there be any damage to the gown due to negligence, a fee will be charged for a replacement.
- (3) Students will be provided with gloves and masks in the clinic.
- (4) Disposable gowns and disposable bibs are available from the store **ONLY FOR** cases of high risk patients.
- (5) Students must be consistently alert and be updated with any changes related to PPE by the Faculty of Dentistry Infection Control Committee from time to time.

## 2.6 Hand and Face Protection

- (1) Hands shall be washed with soap and water prior to wearing gloves and immediately after removing gloves
- (2) Examination gloves must be worn during all procedures. Sterile surgical gloves must be worn for surgical procedures
- (3) Gloves shall be changed for each patients if torn or contaminated
- (4) Gloves are to be removed when leaving the clinic, or when leaving the dental cubicle to use equipment (laboratory equipment, etc.). New gloves must be worn when returning to patient care.
- (5) Jewelry must be removed from hands prior to washing hands and donning gloves. Jewelry and watches worn on the wrists must be covered by clinic gown sleeves during patient treatment.
- (6) Protective eyewear with side shields and a face mask, or face shield in combination with mask, must be worn for all splash or spatter producing procedures.
- (7) Students must be consistently alert and be updated with any changes related to PPE by the Faculty of Dentistry Infection Control Committee from time to time.

## 2.7 Clinical Gowns

- (1) Clinical gowns must be worn by students when providing patient care in the clinics
- (2) The backs should be snugly secured. Only gowns provided by the the faculty may be used. The gowns are colour-coded for the different clinical years
- (3) Gowns must be changed daily or more often if visibly soiled with blood
- (4) Gowns may not be worn in areas outside of the clinics such as restrooms, lounges elevators and laboratories
- (5) Used gowns must be placed in the receptacles which are provided in the clinics
- (6) Official identification badge must be worn on the outside of the clinic gown.
- (7) Students must be consistently alert and be updated with any changes related to PPE by the Faculty of Dentistry Infection Control Committee from time to time.

## 2.8 Tracing of Folders & Handling of Patient's Clinical Records

- (1) Students are to give appointments for their patients according to their timetable
- (2) Attendance cards are available at the receptionist counter and students are requested to fill up the card in advance to get the patient's folders.
- (3) Folders will be given to students when patients come for treatment. Patients' attendance will be recorded by the receptionist.
- (4) Students must update all treatment in DEISY at the end of the day. All records are strictly confidential. **All patients' records are strictly confidential and are legal documents and should be treated with respect.**
- (5) Folders of patients (when applicable) that come on a regular basis (weekly/twice weekly) are to be kept on the shelves at the receptionist counter.
- (6) Emergency patient's folders can be requested on the spot via the receptionist.

## 2.9 Attendance in the Clinic

- (1) Students are only allowed to enter the clinic **10 minutes before the clinic** starts at each session.
- (2) Students are to leave **15 minutes** before the end of each clinical session in the morning and afternoon session.
- (3) At the end of each session, a bell will ring as a reminder to stop work.

**For the morning and afternoon sessions:**

Time	Remarks
45 mins before session end (The 1 <sup>st</sup> bell will ring)	Students are to finish whatever treatment they are doing
30 mins before session end (The 2 <sup>nd</sup> bell will ring)	Students are to clear up and clean the cubicle and instruments
15 mins before session end (The 3 <sup>rd</sup> bell will ring)	Students are to leave the clinic

**2.10 Instruments**

- (1) Request forms for instruments are available from the polyclinic counter. These are to be filled and handed over to the staff one day before instruments are required.
- (2) The requested instruments will be ready and can be taken for use on the appointed date. All instruments taken are to be recorded upon receiving and returning.
- (3) At the end of each session, instruments used are to be wiped clean off blood and debris with gauze, soaked in disinfectant following the manufacturing instruction, washed and dried before being returned for sterilization.
- (4) In high-risk patients, students are to inform the nursing staff so that special precautions can be taken.

**2.11 Special Dental Equipment**

- (1) Equipment, like impregum mixers, light cure units, EPT sets and apex locators and shade guides are to be returned immediately after use for the benefit of other colleagues as they are limited in numbers.
- (2) Students are responsible to return the Special Dental Equipment.
- (3) Impression trays are on loan for a maximum of 3 days.

## 2.12 Dental Materials

- (1) Students should avoid wasting dental materials. Please refer to the regulations set for each laboratory/polyclinics on dental materials.
- (2) Lecturer's approvals may be required for getting certain clinical materials.

## **BDS CURRICULUM (2025)**

From the entry of the 2025/2026 session, Year 1 students use the new curriculum (BDS 2025). The language of instruction for this course is conducted entirely in ENGLISH.

### PROBLEM-BASED LEARNING (PBL), CASE-BASED LEARNING (CBL) AND SOFTSKILLS

PBL and CBL methods require the active participation of students in their learning, which is the acquisition of self-directed learning skills. Students are encouraged to study in groups to achieve problem-based learning objectives (PBL module) that are triggered in case scenarios and find information from various sources.

PBL and CBL sessions are conducted in small groups with approximately (10-14) students per group, subject to the number of students for each year of study. For each PBL module, each group will meet two or three times under the supervision of their respective facilitators. Each session is conducted within 2 hours for brainstorming and discussing the identified learning issues.

The second and third sessions (if any) are held after the first session. In these sessions, students will discuss and share the information obtained related to the learning issues that have been identified in the presence of their facilitators. Each student will be evaluated on their level of participation during the PBL and CBL sessions. For the preparation of the report, each group of students (10-14) will be divided into 2 small groups. Reports will be evaluated by the respective facilitators.

From the 2007/2008 Session, the Ministry of Higher Education (KPT) has required all Higher Education Institutes (HEIs) in Malaysia to implement Human Skills Development (KI) into all basic degree training programs. The purpose is to increase the ability of human capital that is quality and competitive at the global level.

The approach to Human Capital Development is implemented holistically, which emphasizes the development of knowledge, skills, intellectual capital including science, technology and entrepreneurship and the cultivation of progressive attitudes as well as high ethical, professional and moral values.

The Faculty of Dentistry implements the Development of Soft Skills holistically through application in the curriculum and training (embedded). All students will be graded on their Soft

Skills level in certain modules including PBL and CBL, elective projects, community projects and field work.

The elements of Soft Skills that will be evaluated are:

1. Communication skills
2. Critical thinking and problem-solving skills
3. Teamwork skills
4. Continuous Learning and Information Management
5. Entrepreneurial skills
6. Ethics and Professional Morality, and
7. Leadership skills.

Each student will be graded on the level of proficiency in Soft Skills in the PBL and CBL assessment.

Soft skills will be assessed in PBL and CBL and certain projects. Every student must achieve at least a passing grade (Grade C). Students need to follow a strengthening/rehabilitation program until they reach the minimum level of passing the Soft Skills.

## ASSESSMENT & EXAMINATION

There are different types of assessments for each course. These assessments are correct at the time of printing and may be updated when necessary and if required by the relevant authorities (Course Coordinators, Universiti Malaya, Malaysian Dental Council and Dental Deans Council).

### GRADING SYSTEM

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	Good
65.00 – 69.99	B	3.00	Good
60.00 – 64.99	B-	2.70	Good
55.00 – 59.99	C+	2.30	Pass
50.00 – 54.99	C	2.00	Pass
45.00 – 49.99	C-	1.70	Fail
40.00 – 44.99	D+	1.30	Fail
35.00 – 39.99	D	1.00	Fail
0.00 – 34.99	F	0.00	Fail

## BDS CORE COURSES

The BDS courses are assessed throughout each year. The continuous assessments for each course are compiled to give the grades for each course. These assessments may include semester tests and other class based or clinical assessments or assignments. Marks from each course contribute to 50 % of the professional examination of each year. The remaining 50% are attributed to the final professional examination.

According to BDS Rules & Regulations 2025, student must achieved at least 50% of Continuous Assessment marks for all the component in the courses or shall be barred from taking the Professional Examination, subsequently failing the courses registered at the academic session.

Consequently, the student would have to repeat the particular year in the respective year.

Assessment/Examination	Percentage	Timing
Continuous Assessment	50%	From Semester 1.1 to 2.2
Final Professional Examination	50%	Year end
<b>Total</b>	<b>100%</b>	

Students who passed the BDS professional examination of each year will be allowed to proceed and register for the subsequent year and graduate. Students who fail the BDS professional examination will be required to take the Supplementary Professional Examination. Upon passing, the student will be allowed to proceed and register for the subsequent year and graduate.

Assessment/Examination	Percentage	Timing
Supplementary Professional Examination	100%	Year end
<b>Total</b>	<b>100%</b>	

## MINIMAL CLINICAL COMPETENCY AND EXPECTED CLINICAL EXPERIENCE

The following definitions are related to the clinical assessments:

No	Terms	Definition
1.	Clinical competency	<ul style="list-style-type: none"> <li>● Ability to carry out a task (clinical procedure) on a patient / simulated patient to a predetermined standard / level independently without assistance or supervision.</li> <li>● Assessment covers cognitive, affective, psychomotor domains and professional values (4 domains; Professionalism &amp; patient safety, communication skills, diagnostic skills and clinical management).</li> </ul>
2.	Procedural competency	<ul style="list-style-type: none"> <li>● Ability to carry out a task (clinical procedure) on a patient/ mannequin to a predetermined standard/ level independently without assistance or supervision.</li> <li>● Assessment covers cognitive, affective, psychomotor (technical skill) domains.</li> </ul>
3.	Minimum clinical experience	<ul style="list-style-type: none"> <li>● It is a pre-requisite for competency assessment.</li> <li>● It consists of quantitative (minimum number of requirements) and/ or qualitative measurements according to rubrics of clinical assessment.</li> </ul>
4.	Expected clinical experience	<ul style="list-style-type: none"> <li>● This comprises expected clinical and procedural experiences prior to the final professional examination/ graduation.</li> </ul>
5.	Predetermined standard / level	<ul style="list-style-type: none"> <li>● As indicated in the Competencies of New Dental Graduate in Malaysia (approved by the Malaysian Dental Council)</li> </ul>

6.	Competency-based assessment	<ul style="list-style-type: none"> <li>● Clinical assessment by qualitative measurements according to rubrics.</li> <li>● Met the pre-requisite requirement (minimum clinical experience) to sit the clinical competency test;             <ul style="list-style-type: none"> <li>○ Time-based (readiness of a student) or;</li> <li>○ Completion of minimum number of clinical requirement or;</li> <li>○ Combination of the above.</li> </ul> </li> </ul>
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The following are minimum/ expected clinical/ procedural experience/ competencies during the course. These may be set as the barring criteria from undertaking the final professional examinations held at the end of each year. Dental students should refer to the respective disciplines for the minimum requirements that should be achieved at the end of the clinical years /prior to graduation.

Disciplines	Clinical/ Procedural Competency	Clinical Experience Procedure
General Dental Practice Comprehensive Care	Examination & diagnosis Intra oral radiographic imaging Infection control Basic life support LA procedure Prescription of common drugs	Case completion
Restorative	Caries management	Indirect restorations Onlays/crowns Post and core
Prosthodontic	Removable prosthesis Fixed prosthodontics	Complete denture Bridge
Endodontic	Root canal treatment	
Periodontic	Scaling and polishing	Root debridement

Oral Surgery	Exodontia	Surgical removal of impacted tooth or root
Paediatric Dentistry	Behavioural management	Stainless steel crown Pulpotomy Restorative procedure
Orthodontics		Orthodontic diagnosis Simple orthodontic treatment: removable appliances/ retainers which includes construct, issue and review.
Oral Medicine		Identify and distinguish orofacial diseases, oral mucosal lesion and related systemic conditions.
Preventive Dentistry		OHI/OHIE Smoking cessation counselling according to the standard protocol. Caries risk assessment Caries risk management: <ul style="list-style-type: none"> <li>● Plaque monitoring</li> <li>● Topical fluoride</li> <li>● Fissure sealant</li> <li>● Dietary advice</li> </ul>

## AWARDS/ PRIZES

### 1. Dean's Award

Students who achieve Grade A- and above for the Professional Examination (Overall) for the relevant academic year and meet the following conditions are eligible to be awarded the Dean's Award:

- (1) Not repeating the year of study in question;
- (2) Did not sit for the Supplementary Examination for the study year in question;
- (3) Not subject to any disciplinary action by the Faculty or disciplinary action by the University under the Universiti Malaya (Student Discipline) Rules 1999 or the latest.

### 2. Distinction Award

Setting the criteria for the selection of the best students for the academic year concerned. A total of two (2) students will be selected based on the following criteria:

- (1) Student who obtained B+ (Honours) for the professional examination of the particular academic year.
- (2) If there are more than two (2) students who obtained a B+ (Honours) result for the professional examination of the particular academic year, the cumulative total marks will be the criteria in the selection.
- (3) If no student obtains a B+ (Honours) result, then no Distinction Award will be awarded to the student for the particular academic year.

The same criteria will be used for the selection of the best students for the First Year, Second Year, Third Year, Fourth and Fifth Year.

### 3. University Book Prize (*Hadiah Buku Universiti*) — Fifth Year only

This prize is awarded to students based on their outstanding performance in exams.

The University Book Prize is awarded to students who obtain a B+ (Honours) result for the professional examination of the academic year concerned.

If there are more than two (2) students who obtained a B+ (Honours) result for the professional examination of the academic year in question, the cumulative total marks will be the criteria in the selection.

#### 4. **Tun Razak Gold Medal (*Pingat Emas Tun Razak*) — Fifth Year only**

The Tun Razak Gold Medal Award is given to students who obtain a B+ (Honours) result for the professional examination of the academic year and are selected from the Dean's List.

If there is more than one student who obtained a B+ (Honours) result for the professional examination of the particular academic year who is on the Dean's list, the cumulative total marks will be the criteria in the selection.

#### 5. **Dr. Sim Tang Eng Award (*Anugerah Dr. Sim Tang Eng*) — Fifth Year only**

The highest total aggregate marks in the final year examination in the 3 subjects;

- Conservative Dentistry;
- Prosthetic Dentistry and Orthodontics;
- Paediatric Dentistry.

In the event of a tie, the student with the higher marks in Conservative Dentistry shall prevail.

#### 6. **Dr. Solmi Abdullah Dentistry Medal for Outstanding Female Graduate — Fifth Year only**

A selection committee will be established for the purpose of identifying the best candidate for the award. It is proposed that the selection committee will comprise of 6 people namely 2 from the Dean's Office, 2 from the family and 2 independent representatives.

The selection criteria for the winner should include the following:

- (1) Academic/Clinical Performance
- (2) Demonstrate excellent research capability
- (3) Service to community

[Weightage will be as follows: 40:20:40]

#### 7. **Prosthodontic Award — Fifth Year only**

Excellence in Prosthodontic clinical practice.

**8. Dr. Raja Latifah Award — Fifth Year only**

The criteria for the Raja Latifah Award are:

- 1) Passed at least Grade B+ in Community Dentistry course for each year of study.
- 2) Completion of studies within the minimum period of study.
- 3) Exhibit good leadership in carrying out oral health promotion projects that are part of the dental curriculum.
- 4) Active involvement in community activities other than those found in the dental curriculum.

**9. Dr. Ibrahim Mohd Yassin Gold Medal — Fifth Year only**

The nomination criteria are as follows:

- 1) Obtain the final results of at least passing with grade B for each Professional Examination Bachelor of Dental Surgery.
- 2) Never repeat the year of study.
- 3) Have leadership characteristics and active in sports activities, associations and social/artistic activities.
- 4) Ever represented the Faculty of Dentistry in academic competitions, sports, or any appropriate activity at the national and international level and obtained an award as a result of such involvement.
- 5) Never been subject to any disciplinary action.
- 6) Not in debt to the University.

**10. Universiti Malaya Dental Alumni Association (MUDA) Outstanding Student Award**

The nomination criteria are as follows:

- 1) All-rounder exhibiting good academic performance and extra-curricular activities.
- 2) Good leadership quality: Previous experience or leader of projects
- 3) Team player: Active in sports or other activities; representing UM or district/state/national level, or receiving special awards.
- 4) Community service: Involvement in community service within or outside university.

Selection will be made by Year 3, 4 and 5 students, lecturers and CV provided by the students.

## 11. Other scholarships/loans

At every session, Universiti Malaya students are offered scholarships/loans from sponsors consisting of the Central Government, State Governments, Statutory Bodies and local/overseas Companies/Firms.

If students have problems about scholarships/loans, please contact:

### **Student Services Unit**

Marketing and Academic Services Department (MASD), Examination Building,  
Universiti Malaya, 50603 Kuala Lumpur, MALAYSIA

Tel: 603-7967 6996

Fax: 603-79673449

Email: [scholarship\\_aasc@um.edu.my](mailto:scholarship_aasc@um.edu.my)

Tel: +603-7967 6996 / 2627

Fax: +603-7956 7595

or

### **Student Affairs Division**

Level 2, Block E, Perdanasiswa Complex,  
Universiti Malaya, 50603, Kuala Lumpur

Email: [hep@um.edu.my](mailto:hep@um.edu.my)

Tel: +603 7967 3506

## REGISTRATION AS A DENTAL SURGEON WITH THE MALAYSIAN DENTAL COUNCIL

To practice dentistry in Malaysia, the dental student must be familiar with the Dental Act 2018. Upon completion of the BDS course, the dental graduate will need to register with the Malaysian Dental Council to practice dentistry.

Under the Dental Act 2018, from 1st January 2025, BDS graduates from UM must also be certified by the Dental Qualifying Committee to have passed the Professional Qualifying Examination (PQE) (Rule 29). The PQE shall be conducted by UM for their dental students. Dental graduates, who did not pass the PQE during the course at UM, would need to apply separately to take the PQE examination (resit examinations).

Registration is restricted to those who do not maintain good character (Rule 32). Excerpt of the Dental Act 2018 are as follows:

### LAWS OF MALAYSIA (DENTAL ACT 2018)

Chapter 2 Registration	Restriction on registration
<p style="text-align: center;"><b>Qualifications for registration as dental surgeon</b></p> <p>29. (1) A Malaysian citizen may apply to the Dental Registrar to be registered as a dental surgeon if—</p> <ul style="list-style-type: none"> <li>(a) he holds a qualification granted by an accredited local training institution;</li> <li>(b) he has been certified by the Dental Qualifying Committee to have fulfilled the requirements of the Professional Qualifying Examination; and</li> <li>(c) he has proven to the satisfaction of the Dental Registrar that he is a fit and proper person and is of good character.</li> </ul>	<p>32. (1) The Council or the Board may direct the Dental Registrar or the Dental Therapists Registrar, as the case may be, not to enter the name of any person applying for registration as a dental surgeon or a dental therapist in the Dental Register or the Dental Therapists Register if—</p> <ul style="list-style-type: none"> <li>(a) he has, at any time, been found guilty of an offence involving fraud, dishonesty or moral turpitude, or an offence punishable with imprisonment, whether in itself only or in addition to or in lieu of a fine;</li> <li>(b) he has, after due inquiry, been found by the Council or the Board to have been guilty of infamous conduct in any professional respect or to be otherwise not of good fame and character;</li> <li>(c) he has contravened any provisions of this Act or any regulations made under this Act;</li> <li>(d) his name has since been removed from the register of dental practitioners or register of dental therapists, or from the roll of any dental college or licensing body maintained in any place outside Malaysia, as a result of any misconduct or disciplinary proceedings; or</li> <li>(e) he has, after due inquiry by a Fitness to Practice Panel, been found to be incapable by reason of physical or mental infirmity, or been found to be incompetent to perform his professional duties.</li> </ul>

The Malaysian Dental Council also considers the fitness to practice in the selection of entry into a dental programme. Details are according to this link:

[https://mdc.moh.gov.my/uploads/Lampiran\\_1\\_Minimum\\_Qualifications\\_For\\_Entry\\_Into\\_A\\_Dental\\_Programme\\_Malaysian\\_Level6\\_2023.pdf](https://mdc.moh.gov.my/uploads/Lampiran_1_Minimum_Qualifications_For_Entry_Into_A_Dental_Programme_Malaysian_Level6_2023.pdf).

The UM dental student must declare to the Dean, Faculty of Dentistry, UM, as soon as possible, if he/she has any circumstances that will impact his/her fitness to practise upon graduation.

## PROFESSIONAL QUALIFYING EXAMINATION (PQE)

UM shall conduct the PQE for their dental students throughout the programme.

Part	Year	Expected completion	Prerequisite	Checklist of passing
Part I – Theory Examinations	1	In Final Professional Exams		
	2	In Final Professional Exams	Must pass Year 1	
	3	In Final Professional Exams	Must pass Year 2	
	4	In Final Professional Exams	Must pass Year 3	
	5	In Semester 1.2 examination	Must pass Year 4	
Documents shall be submitted to Dental Qualifying Committee of the Malaysian Dental Council at least 3 months before Part III				
Part II – Pre-clinical Examinations			An assessment schedule shall be submitted to the MDC Secretariat, at least three (3) months prior to its implementation.	
Component 1 (Restoration ICDAS 5) [Model/ Clinical Competency]	Y4 Week 6 Sem 2.1	Y5 Sem 1.1		
Component 2 (PFM) [Model]	Y5 Sem 1.2	Y5 Week 1 Sem 2.1		
Component 3 (RCT Premolar) [Model]	Y4 week 7 Sem 2.2	Y5 Sem 1.1		
Part III – OSCE	Y5	Semester 2.2	Part I and II must be completed at least 1 month before Part III	



FAKULTI PERGIGIAN  
Faculty of Dentistry

**ABSENCE FORM FOR UNDERGRADUATE STUDENTS DENTAL SURGERY (BDS)  
TO LECTURE/TUTORIAL/DEMO/CLINICAL**

Attention:

1. The completed form must be submitted together with proof of absence to the Dean's Office within **7 days** from the date of absence.
2. Students who are given quarantine leave due to an infectious disease (eg COVID-19) need to include evidence from MySejahtera or a medical report.
3. Students need to mark the lecture/tutorial/demo/clinical space that they are not present.
4. Please note that the application will not be processed if the student does not follow the prescribed instructions and the form is incomplete.

Date : .....

Student Name : .....

Matrix No. : .....

Phone No. : .....

Year of Study : .....

Current Academic Session : .....

Course Information (Please tick the relevant Department / space):			
Faculty of Medicine		Faculty of Dentistry	
Anatomy		Dept. of Oral & Craniofacial Science	
Biochemistry (Molecular Medicine)		Dept. of Restorative Dentistry	
Physiology		Dept. of Oral & Maxillofacial Clinical Science	
Medical Microbiology		Dept. of Community Dental Health & Clinical Prevention	
Pathology		Dept. of Pediatric Dentistry & Orthodontics	
General Medicine		University Course:	
General Surgery			

Date(s) of Absence : .....

Total Hours / Days : .....

Reason for absence : .....

**FOR OFFICE USE**

- Student leave is only approved from : ..... till .....
- Student leave is only approved on : ..... from: .....am/pm till .....
- Student leave is not approved because : .....

Regards,

Date: \_\_\_\_\_

**DEPUTY DEAN (UNDERGRADUATE)**  
Faculty of Dentistry



FAKULTI PERGIGIAN  
*Faculty of Dentistry*

## **PART 2**

### **RULES AND REGULATIONS UNIVERSITI MALAYA (BACHELOR OF DENTAL SURGERY) 2025**

**KAEDAH-KAEDAH UNIVERSITI MALAYA  
(IJAZAH SARJANA MUDA PEMBEDAHAN PERGIGIAN) 2025**

**AND**

**PERATURAN-PERATURAN UNIVERSITI MALAYA  
(IJAZAH SARJANA MUDA PEMBEDAHAN PERGIGIAN) 2025**



**KAEDAH & PERATURAN BDS 2025**

## BDS 2025 Curriculum

Academy/Faculty/Institute/Centre Department	Faculty of Dentistry  All Departments (Faculty of Dentistry & Faculty of Medicine)
Programme	Bachelor of Dental Surgery (BDS)
Course Code* Course Title*	<p><b>Year 1 BDS</b></p> <p>DIA 1005 Human Health and Disease I DIA 1006 Community Oral Health and Professional Development I DIA 1007 Introduction to Artificial Intelligence (AI) in Dentistry</p> <p>GIG 1003* Basic Entrepreneurship GIG 1012* Philosophy and Current Issues GIG1013* Appreciation of Ethics and Civilisations GLT1017* Basic Malay Language GLT1024* Proficiency in English III GLT1025* Effective Oral Communication GLT1027* Advanced Oral Communication GLT1028* Advanced Business Writing Note: * University's Compulsory Courses (<i>Kursus-kursus Wajib Universiti</i>)</p> <p><b>Year 2 BDS</b></p> <p>DIA 2007 Human Health and Disease II DIA 2008 Clinical Dentistry I DIA 2009 Community Oral Health and Professional Development II</p> <p><b>Year 3 BDS</b></p> <p>DIA 3013 Human Health and Disease III DIA 3014 Clinical Dentistry I II DIA 3015 Community Oral Health and Professional Development III</p> <p><b>Year 4 BDS</b></p> <p>DIA 4012 Clinical Dentistry III DIA 4013 Community Oral Health and Professional Development IV DIA 4014 Research Project**</p> <p><b>Year 5 BDS</b></p> <p>DIA 5008 Clinical Dentistry IV DIA 4014 Research Project **</p> <p>**Progressive Course</p>

Course Pre-requisite(s)/Minimum Requirement(s)	Refer to - Year of Study course requisites.																								
Student Learning Time (SLT)	<table border="1"> <thead> <tr> <th>NO</th> <th>YEAR</th> <th>STUDENT LEARNING TIME (SLT)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Year 1</td> <td>1,623</td> </tr> <tr> <td>2</td> <td>Year 2</td> <td>2,118</td> </tr> <tr> <td>3</td> <td>Year 3</td> <td>2,100</td> </tr> <tr> <td>4</td> <td>Year 4</td> <td>2,159</td> </tr> <tr> <td>5</td> <td>Year 5</td> <td>2,229</td> </tr> <tr> <td>6</td> <td>University Compulsory Courses (Kursus Wajib Universiti)</td> <td>400</td> </tr> <tr> <td colspan="2"><b>TOTAL SLT</b></td> <td>10,629</td> </tr> </tbody> </table>	NO	YEAR	STUDENT LEARNING TIME (SLT)	1	Year 1	1,623	2	Year 2	2,118	3	Year 3	2,100	4	Year 4	2,159	5	Year 5	2,229	6	University Compulsory Courses (Kursus Wajib Universiti)	400	<b>TOTAL SLT</b>		10,629
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<b>TOTAL SLT</b>		10,629																							
Course Learning Outcomes*	Refer to - Individual Course/Codes																								
Transferable Skills	<p>Skills obtained in earlier years (Pre-Clinical Years/ Basic Medical Sciences) are utilized in the latter years (Clinical) in increasing levels of complexity and clinical applications.</p> <p>Communications, Critical thinking &amp; Problem solving, Leadership &amp; team working skills, Information management and lifelong learning skills, Professional Ethics and Moral values, Scientific research skills.</p>																								
Synopsis of Course Contents	<p>The Year 1 and 2 course involves basic medical sciences and some clinical exposure to show its relevance. The basic sciences involves Anatomy (study of normal human body principles of histology, embryology, neuro anatomy and gross human anatomy); Biochemistry (Principles related to dental practice); Physiology (Principles related to dental practice); and Oral Biology (Basic oral sciences related to structure, function, processes in physiology, anatomy, histology, biochemistry, and microbiology of the oral and peri-oral region and its relationship). In addition, Compulsory University courses to develop students' hard and soft skills and awareness of nation building and social responsibility. Subjects include Appreciation of Ethics and Civilisations, Basic Entrepreneurship, Philosophy and Current Issues and English for Academic and Professional Writing.</p> <p>In Year 3, 4 and 5 students will be introduced to clinical dental practice in the various dental disciplines gradually in progressive complexity until they are able to demonstrate ability to carry out common dental procedures safely, independently, ethically and professionally on dental patients. In Year 5 students will carry out a supervised research project leading to a scientific presentation in a student's conference and write a research report. Students will be introduced to actual</p>																								

	working conditions through community oral health postings held at various states and submit a written report.
Learning Strategies (lecture, tutorial, workshop, discussion, etc)	Lectures, Tutorials, Seminars, Demonstrations, Practicals, Clinical Dental Practice (Treatment on Patients), Hospital ward rounds, Accident & Emergency unit posting, Case studies, Case Based Learning, Problem Based Learning, PBL Soft Skills Development, Community Oral Health Project, Students Elective Research Project, Annual Dental Students Scientific Conference & Community Oral Health Posting.
Assessment Weightage	(Semester Tests, MCQ/ SAQ/ MEQ/ Quizzes/ Practicals/ Viva-voce/ Clinical Competency Tests/ Reports/ Oral & Poster presentations)
Methodologies for Feedback on Performance	Display of test results, coursework & clinical grades, post-examination reviews, Direct feedback in Clinics, Labs, Classes, Seminars & Tutorials, Discussion with lecturers, Mentor-mentee program.
Criteria in Summative Assessment	Continuous Assessment (50%) Final Examination (50%)

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA1005</b>
Tajuk Kursus* Course Title*	<b>Human Health and Disease I</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	1327 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Not applicable
Hasil Pembelajaran Kursus* Course Learning Outcomes*	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. Explain the knowledge of basic medical sciences in normal human development, including structure, function and psychosocial aspects relevant to the practice of dentistry. (C2)</li> <li>2. Explain the oral ecosystem and its significance in oral health. (C2)</li> <li>3. Explain how the knowledge of basic medical sciences relates to oral health. (C2)</li> <li>4. Demonstrate Basic Life Support in the management of medical emergencies in dental practice. (P4)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	The course is designed to provide understanding and knowledge of the normal structure and function of the human body and oral ecosystem within the context of human health and disease, relevant to the practice of dentistry. It comprises 14-wide ranging interdisciplinary themes, with topics contributed by four disciplines, i.e. Anatomy, Biochemistry, Physiology and Oral Biology. Multiple teaching methodologies are used to ensure learning takes place. To help learners learn, both formative and summative assessments are employed.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025.

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 1006</b>
Tajuk Kursus* Course Title*	<b>Community Oral Health and Professional Development I</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	210 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Not applicable
Hasil Pembelajaran Kursus* Course Learning Outcomes*	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. Explain the importance of effective communication in building interpersonal relationships. (C2)</li> <li>2. Present effective communication in building interpersonal relationships (A2)</li> <li>3. Interpret the importance of standards of behaviour expected as a professional (A2)</li> <li>4. Describe the principles and methods of oral epidemiology and biostatistics (C2)</li> <li>5. Discuss the attributes of effective leadership and teamwork (C2)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	This course equips students with the knowledge base that underpins effective communication, leadership and teamworking and professionalism. It also prepares students with fundamental knowledge of oral epidemiology which will be used in the Community oral health project as well as evidence for clinical dentistry. This course will introduce stress management and occupational health. Multiple teaching methodologies are used to ensure learning takes place. To help learners learn, both formative and summative assessments are employed.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 1007</b>
Tajuk Kursus* Course Title*	<b>Introduction to Artificial Intelligence (AI) in Dentistry</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	86 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Not applicable
Hasil Pembelajaran Kursus* Course Learning Outcomes*	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. Identify the components of artificial intelligence, namely neural networks, machine learning, and large language models. (C2)</li> <li>2. Display the ability to apply artificial intelligence in practice responsibly (P2)</li> <li>3. Conform to the ethical standards related to artificial intelligence use in dentistry. (A2)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	This is an introductory course to Artificial Intelligence (AI) which provides an overview of AI concepts and techniques. The course covers the basic concepts, the terminologies, and various real-world applications of AI. It also introduces fundamental concepts of some AI processes and techniques such as neural networks, machine learning, and large language models. This course also discusses the applications of AI in the field of dentistry.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL.</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025.

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	-
Jabatan Department	Centre for Internship Training and Academic enrichment (CITrA)
Nama Program Akademik Name of Academic Programme	University Course
Kod Kursus* Course Code*	<b>GIG1012</b>
Tajuk Kursus* Course Title*	<b>Philosophy and Current Issues</b>
Kredit* Credit*	2
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	80
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	None
Hasil Pembelajaran Kursus* Course Learning Outcomes*	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. Explain current issues based on philosophy, the Philosophy of National Education and the Rukunegara.</li> <li>2. Explain current issues based on the main of thoughts from the various streams of philosophy.</li> <li>3. Explain current issues through a comparative perspective of philosophy as a basis for establishing inter-cultural dialogue.</li> </ol>
Sinopsis Kandungan Kursus <i>Synopsis of Course Contents</i>	<i>This course covers philosophical relations with the Philosophy of National Education and Rukunegara. The use of philosophy as a tool to purify the culture of thought in life through the arts and methods of thinking and human concepts. The main topics in philosophy are epistemology, metaphysics and ethics discussed in the context of current issues. Emphasis is given to philosophy as a basis for fostering inter-cultural dialogue and fostering one's values. At the end of this course students will be able to see the disciplines of science as one comprehensive body of knowledge and related to each other.</i>
Pemberatan Penilaian* <i>Assessment Weightage*</i>	<i>Continuous Assessment:70% Final Examination:30%</i>
Kaedah Maklum Balas Tentang Prestasi <i>Methodologies for Feedback on Performance</i>	Results will be displayed on SPEcTRUM
Kriteria Dalam Penilaian Sumatif <i>Criteria in Summative Assessment</i>	<i>Please refer to the University of Malaya (First Degree) Rules 2019 and the University of Malaya (First Degree) Regulations 2019.</i>

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	-
Jabatan Department	Centre for Internship Training and Academic enrichment (CITrA)
Nama Program Akademik Name of Academic Programme	University Courses
Kod Kursus* Course Code*	<b>GIG1013</b>
Tajuk Kursus* Course Title*	<b>Appreciation of Ethics and Civilisations</b>
Kredit* Credit*	2
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	80
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	None
Hasil Pembelajaran Kursus* Course Learning Outcomes*	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. Explain the ethical and civilizations concepts in the context of its appreciation according to Malaysian context.</li> <li>2. Compare systems, levels of development, social progress and culture across ethnic.</li> <li>3. Discuss contemporary issues related to economic, political, social, cultural and environmental from the perspective of ethics and civilization.</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	This course prepares students to appreciate the ethics and civilization that exists in the multi-ethnic society in Malaysia to strengthen their critical and analytical thinking to deal with a more challenging life. The content of this course focuses on the appreciation of ethics and civilization in the Malaysian mold. Students will be exposed to the dynamics of the concept of ethics and civilization which is a strength to the formation of Malaysia based on the timeline of its historical evolution from the pre-colonial to the post-colonial era. An understanding of the formation of ethics and civilization in a diverse society is discussed to enhance the appreciation of ethics and civilization towards strengthening national unity and the Malaysian nation. Malaysian mold civilization needs to be peeled and debated in academic activities guided by the Federal Constitution as a site of integration and a vehicle of ethics and civilization. The construction of national unity is strongly influenced by globalization and the development of complex information and communication technologies. Therefore, the appreciation of ethics and civilization reveals the behavior of social responsibility and is mobilized at the individual, family, community, community, and national levels. Thus, the changes that have

	<p>taken place in society and the direct development of the economy have brought new challenges in strengthening the sustainability of ethics and civilization in Malaysia. High Impact Education Practices (HIEPs) are practiced in teaching and learning to deepen this course (teaching &amp; learning).</p>
<p>Pemberatan Penilaian* Assessment Weightage*</p>	<p>Continuous Assessment:70% Final Examination:30%</p>
<p>Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance</p>	<p>Results will be displayed on SPeCTRUM</p>
<p>Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment</p>	<p>Please refer to University of Malaya (Bachelor's Degree) Rules 2019 and the University of Malaya (Bachelor's Degree) Regulations 2019.</p>

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Languages and Linguistics
Jabatan Department	Malaysian Languages and Applied Linguistics
Nama Program Akademik Name of Academic Programme	University Course
Kod Kursus* Course Code*	<b>GLT1017</b>
Tajuk Kursus* Course Title*	<b>Basic Malay Language</b>
Kredit* Credit*	2
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	80
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	NA
Hasil Pembelajaran Kursus* Course Learning Outcomes*	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. Read syllables, words, phrases or expressions in Malay correctly.</li> <li>2. Demonstrate spoken and written skills using simple Malay.</li> <li>3. Write short paragraphs on selected topics using simple language styles.</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	This course emphasises mastering basic skills in Malay for international students enrolled in the undergraduate study programmes. The course includes four skills, which are pronunciation and speaking; listening, reading and writing in Malay for basic communication. Emphasis is given to oral and written exercises.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment : 60% Final Examination : 40%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	Feedback on performance are informed through: <ol style="list-style-type: none"> <li>i. Notice and feedback in classroom</li> </ol> Spectrum
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Please refer to “Kaedah-Kaedah & Peraturan- Peraturan (Undergraduate Studies) 2017.”

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 2007</b>
Tajuk Kursus* Course Title*	<b>Human Health and Disease II</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	673 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed First Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Explain the abnormal human development, structure and disturbances in function relevant to the practice of dentistry. (C2)</li> <li>2. Explain the role of microorganisms in health and diseases relevant to the practice of dentistry. (C2)</li> <li>3. Explain the pharmacological principles and properties of drugs and their actions relevant to the practice of dentistry. (C2)</li> <li>4. Relate the knowledge of basic medical sciences to oral diseases or conditions. (C3)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	The course is designed to provide an understanding and knowledge of the common mechanisms of disease processes and the principles of pharmacology within the context of human health and disease, relevant to the practice of dentistry. It comprises nine (9) interdisciplinary themes, with topics contributed by three disciplines, i.e. Pathology, Microbiology and Pharmacology. Multiple teaching methodologies including self-reflection are used to ensure learning takes place. To help learners learn, both formative and summative assessments are employed.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>

Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025.
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Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 2008</b>
Tajuk Kursus* Course Title*	<b>Clinical Dentistry I</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	1263 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed First Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Explain the procedures of using dental materials with proper manipulation and techniques in clinical dentistry (C4)</li> <li>2. Perform proper manipulation of dental materials and techniques in clinical dentistry (P5)</li> <li>3. Describe the principles of oral health education and disease prevention in clinical dentistry (C2)</li> <li>4. Integrate knowledge of basic medical and dental clinical sciences in understanding caries and periodontal diseases (C3)</li> <li>5. Demonstrate safe, effective, and efficient dental clinical practices within simulation settings (A2)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	The course is designed to provide an understanding and knowledge of common oral diseases and basic principles of oral health education and disease prevention at individual level. This course also teaches students on how to select appropriate dental materials commonly used in dentistry and perform procedures with proper manipulation of dental materials and techniques both operative and dental technology in a safe, effective and efficient operative lab. Multiple teaching methodologies including self-reflection are used to ensure learning takes place. To help learners learn, both formative and summative assessments are employed.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>

Kriteria Dalam Penilaian Sumatif  
Criteria in Summative Assessment

Refer to Rules and Regulations Universiti Malaya (Bachelor  
of Dental Surgery) 2025

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 2009</b>
Tajuk Kursus* Course Title*	<b>Community Oral Health and Professional Development II</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	182 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed First Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. Describe professional doctor-patient relationship in dentistry (C2)</li> <li>2. Comprehend the Dental Act and Code of Professional Conduct from the Malaysian Dental Council. (C2)</li> <li>3. Explain the epidemiological risk measurement and inferential biostatistics. (C2)</li> <li>4. Practice professional behaviour in dentistry. (A2)</li> <li>5. Explain the behavioural, social, and environmental factors that influence oral health. (C2)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	This course focuses on social and behavioural science and its application in dentistry specifically to support desired behaviour change, disease control and prevention, building effective communication and dentist-patient relationship, leadership and teamworking in dental setting, stress and management in dentistry, ethics and jurisprudence in dentistry and appraising basic science articles. Multiple teaching methodologies are used to ensure learning takes place. Reflection and keeping a portfolio will help students in their learning process. To help learners learn, both formative and summative assessments are employed.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 3013</b>
Tajuk Kursus* Course Title*	<b>Human Health and Disease III</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	400 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed Second Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Analyse the abnormal human development, structure and disturbances in function relevant to the practice of dentistry. (C4)</li> <li>2. Apply the knowledge of the oral ecosystem in disease relevant to the practice of dentistry. (C3)</li> <li>3. Apply the pharmacological principles and properties of drugs and their actions in patient management relevant to the practice of dentistry. (C3)</li> <li>4. Apply general medical and surgical skills in patient management relevant to the practice of dentistry. (C2)</li> <li>5. Demonstrate general medical and surgical skills in patient management relevant to the practice of dentistry. (P4)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	<p>The course is designed for learners to know and detect common signs and symptoms of basic medical conditions. They will be taught on how to take a medical and surgical history and relate it to the general dental practice. Such conditions include diabetes mellitus, hypertension, cardiac conditions, seizures, bleeding disorders, stroke and others. Students will also be taught the consequences of medical diseases and conditions on dental practice and procedures. Students will learn to assess the patients as a whole and to understand the fundamentals of general medicine and surgery with respect to dentistry. Multiple teaching methodologies are used to ensure learning takes place. To help learners learn, both formative and summative assessments are employed</p>
Pemberatan Penilaian* Assessment Weightage*	<p>Continuous Assessment: 50% Final Examination: 50%</p>

<p>Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance</p>	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL.</li> </ol>
<p>Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment</p>	<p>Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025.</p>

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 3014</b>
Tajuk Kursus* Course Title*	<b>Clinical Dentistry II</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	1504 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed Second Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Distinguish oral diseases or conditions based on history, examination and appropriate investigations (C4)</li> <li>2. Display the ability to diagnose oral diseases or conditions based on history, examination and appropriate investigations (P4)</li> <li>3. Justify the management of oral diseases or conditions. (C4)</li> <li>4. Demonstrate the ability to formulate treatment plan in the management of oral diseases or conditions (P4)</li> <li>5. Integrate knowledge of basic medical and dental clinical sciences in understanding diseases (P5)</li> <li>6. Apply safe, effective, efficient and evidence-based dental care ethically and professionally. (A3)</li> <li>7. Demonstrate safe, effective, and efficient dental practice with adherence to infection control protocols (P4)</li> <li>8. Demonstrate Basic Life Support in the management of medical emergencies in dental practice. (P4)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	The course is designed to provide an understanding and knowledge of oral diseases and conditions. Students will experience treating patients in a safe, effective and efficient

	clinical setting. Students will perform clinical examinations and special investigations, making diagnosis and treatment planning, and providing dental treatments. This course covers multiple clinical disciplines including preventive, operative, endodontics, periodontics, prosthodontics, orthodontics, pediatric dentistry, oral surgery, oral medicine, oral pathology, and Radiology. Dental photography is also introduced for the students to take clinical photos for clinical presentation in future. Multiple teaching methodologies including self-reflection are used to ensure learning takes place. To help learners learn, both formative and summative assessments are employed.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025.

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 3015</b>
Tajuk Kursus* Course Title*	<b>Community Oral Health and Professional Development III</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	196 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed Second Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Apply the concept and principles of Oral Health Education, Oral Health Promotion, Prevention, and Planning and Evaluation at the individual and community levels. (C3)</li> <li>2. Apply knowledge of epidemiology and biostatistics to appraise scientific literatures. (C3)</li> <li>3. Demonstrate appropriate standards of behaviour expected of a dental professional. (C3)</li> <li>4. Demonstrate professional doctor-patient relationship to facilitate the effective delivery of oral healthcare. (A3)</li> <li>5. Demonstrate ethical values and professional behaviour towards patients, members of the dental team and other health care personnel. (A3)</li> <li>6. Demonstrate leadership and teamwork qualities in their role as healthcare professionals. (A3)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	<p>This course is designed to provide students with fundamental knowledge on health promotion and education at community level. This knowledge will be used when the students carry out community oral health project in Year 4. The concept and philosophy of prevention in dentistry will be taught. Students will continue to develop their critical appraisal skills for the clinical practice using several critical appraisal tools. This course will further enhance students' interpersonal and professional communication. Students will also inculcate awareness of difficulties and barriers among people with disability and develop social responsibility. Multiple teaching methodologies including reflection are used to ensure</p>

	learning takes place. To help learners learn, both formative and summative assessments are employed.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment:50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 4012</b>
Tajuk Kursus* Course Title*	<b>Clinical Dentistry III</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	1742 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed Third Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Distinguish oral diseases or conditions based on history, examination and appropriate investigations (C4)</li> <li>2. Display the ability to gather history, clinical findings and appropriate investigations to arrive at the diagnosis of oral diseases or conditions. (P4)</li> <li>3. Justify the management options for oral diseases based on based on history, examination, and appropriate investigations. (C4)</li> <li>4. Display the ability to manage oral diseases or conditions. (P5)</li> <li>5. Integrate knowledge of basic medical and dental clinical sciences in understanding diseases (C3)</li> <li>6. Apply safe, effective, efficient and evidence-based dental care ethically and professionally. (A3)</li> <li>7. Adapt appropriate method of infection control in clinical practice. (P6)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	<p>The course is a continuation from Year 3. It is designed to provide an understanding and knowledge of oral diseases and conditions. Students will treat patients in a safe, effective and efficient clinical setting. They will perform clinical examinations and special investigations, making diagnosis and treatment planning, and providing dental treatments. This course covers multiple clinical disciplines including preventive, operative, endodontics, periodontics, prosthodontics, orthodontics, paediatric dentistry, oral surgery, oral medicine oral pathology, and Radiology. Students will also be exposed to a Special Needs Population including geriatric. Multiple teaching methodologies including self-</p>

	reflection are used to ensure learning takes place. To optimize learning case discussion will be conducted. To help learners learn, both formative and summative assessments are employed.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025.

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 4013</b>
Tajuk Kursus* Course Title*	<b>Community Oral Health and Professional Development IV</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	217 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed Third Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Display effective interpersonal and professional interactions at individual and community levels. (A5)</li> <li>2. Apply appropriate behaviour as part of continuous professional development. (C3)</li> <li>3. Display the ability to lead a team during oral health and community activities (A5)</li> <li>4. Justify the concept and principles of Oral Health Promotion (OHP) and social behavioural science (SBS) at the community level. (C4)</li> <li>5. Formulate evidence-based plans for oral health promotion programmes tailored to community needs. (C6)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	<p>This course is designed to expose students to conducting community oral health promotion projects and to conduct research in the area of their interest. For community oral health project, students are given the opportunity to plan, implement and evaluate an oral health education programme in selected communities as part of a team. They are required to apply knowledge and soft skills gained from previous years. As part of enhancing their knowledge, attitudes and skills in the social context of their patients, they are required to conduct a behavioural science case study culminating in an evidence-based report. For the research project, students will be given fundamental knowledge in research methodology and basic statistics to prepare them to conduct an appropriate research project under the supervision of lecturers based on their preferred elective subject. The students will be involved in every stage of the research from formulating the research hypothesis through data collection, analysis and finally writing a research report and presentation. To help learners learn, both formative and summative assessments are employed.</p>

Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50%  Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 4014</b>
Tajuk Kursus* Course Title*	<b>Research Project</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	243 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed Third Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	At the end of the course, students are able to: <ul style="list-style-type: none"> <li>1. Demonstrate the ability to identify gaps in existing knowledge for scientific inquiry. (C3)</li> <li>2. Display the ability to conduct scientific research. (P4)</li> <li>3. Demonstrate the ability to disseminate scientific research findings effectively. (P4)</li> </ul>
Sinopsis Kandungan Kursus Synopsis of Course Contents	This course is designed to expose students to conducting research in the area of their interest. Students will be given fundamental knowledge in research methodology and basic statistics to prepare them to conduct an appropriate research project under the supervision of lecturers based on their preferred elective subject. The students will be involved in every stage of the research from formulating the research hypothesis through data collection, analysis and finally writing a research report and presentation.
Pemberatan Penilaian* Assessment Weightage*	Continuous Assessment: 50% Final Examination: 50%
Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board.</li> <li>2. Final results will be either PASS or FAIL</li> </ol>
Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment	Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025

Akademi/Fakulti/Institut/Pusat Academy/Faculty/Institute/Centre	Faculty of Dentistry
Jabatan Department	Faculty of Dentistry
Nama Program Akademik Name of Academic Programme	Bachelor of Dental Surgery
Kod Kursus* Course Code*	<b>DIA 5008</b>
Tajuk Kursus* Course Title*	<b>Clinical Dentistry IV</b>
Kredit* Credit*	Not applicable
Masa Pembelajaran Pelajar (SLT) Student Learning Time (SLT)	2186 hours
Prasyarat/Keperluan Minimum Kursus Course Pre-requisite(s)/Minimum Requirement(s)	Passed Fourth Year Professional Examination for the Degree of Bachelor of Dental Surgery
Hasil Pembelajaran Kursus* Course Learning Outcomes*	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Display the ability to diagnose oral diseases or conditions based on history, examination and appropriate investigation (P5)</li> <li>2. Justify the management of oral diseases by integrating clinical findings, patient needs, and evidence-based practices.(C5)</li> <li>3. Formulate the management of oral diseases or conditions. (P5)</li> <li>4. Infer knowledge of basic medical and dental clinical sciences in understanding diseases (C4)</li> <li>5. Apply ethical values and professionalism in relation to practice management and clinical protocol in dental practice (A5)</li> <li>6. Appraise the oral healthcare delivery systems (C4)</li> </ol>
Sinopsis Kandungan Kursus Synopsis of Course Contents	<p>The course is a continuation from Year 4. It is designed to prepare students to enter the workforce. Students will continue treating patients in a safe, effective and efficient clinical setting. They will perform clinical examinations and special investigations, making diagnosis and treatment planning, and providing dental treatments. This course covers multiple clinical disciplines including preventive, operative, endodontics, periodontics, prosthodontics, orthodontics, pediatric dentistry, oral surgery, oral medicine oral pathology, special care dentistry, forensic dentistry and radiology. In Year 5, students are expected to treat patients holistically, with a strong emphasis on proficiency in infection control, ethics, and professionalism as essential components of safe and responsible clinical practice. Students will be rotated to</p>

	<p>see non-screened patients and treat dental emergencies. In addition, students will be also doing an Accident and Emergency (A&amp;E) rotation to provide an exposure to the students. Students will also be exposed to forensic and update on the new technology in dentistry. Multiple teaching methodologies including self-reflection are used to ensure learning takes place. To optimize learning, case discussion and presentation will be conducted. To help learners learn, both formative and summative assessments are employed.</p>
<p>Pemberatan Penilaian* Assessment Weightage*</p>	<p>Continuous Assessment: 50% Final Examination: 50%</p>
<p>Kaedah Maklum Balas Tentang Prestasi Methodologies for Feedback on Performance</p>	<ol style="list-style-type: none"> <li>1. Marks and grades for Continuous Assessment will be informed by the Dean's Office and will be displayed on the student's notice board while the grade for final examination can be obtained through MAYA application.</li> <li>2. Final results will be either PASS or FAIL.</li> </ol>
<p>Kriteria Dalam Penilaian Sumatif Criteria in Summative Assessment</p>	<p>Refer to Rules and Regulations Universiti Malaya (Bachelor of Dental Surgery) 2025.</p>



**FAKULTI PERGIGIAN**  
*Faculty of Dentistry*

# **PART 3**

## **LIST OF TEXTBOOKS/ REFERENCES IN PRO FORMA**

## YEAR I

### DIA 1005 — Human Health and Disease I

**List of books that must be included in the course pro forma:**

1. Widmaier, E.P., Raff, H. and Strang, K.T. (2023). Vander's Human Physiology. 16th Edition. McGraw-Hill. (ISBN-13: 9781264125739)
2. Abali, E.A., Cline S.D., Franklin, D.S. and Viselli, S.M. (2021). Lippincott Illustrated Reviews: Biochemistry. 8th Edition. Wolters Kluwer Health. (ISBN-13: 9781975155087)
3. Wineski, L.E. and Snell, R.S. (2019). Snell Clinical Anatomy for by Regions. 10th Edition. Wolters Kluwer. (ISBN-13: 9781496345646)
4. Antonio Nanci (2018). Ten Cate's Oral Histology, Development, Structure and Function, 9 th Edition. Elsevier. (ISBN13: 9780323485241)
5. Voet, D. and Voet, J.G. (2011). Biochemistry, 4th Edition, John Wiley & Son, Inc.: N.J.
6. Devlin T.M. [Ed.] (2011), Textbook of Biochemistry With Clinical Correlations, 7th Ed., Wiley-Liss, Inc, N.Y.
7. Berkovitz BKB, Holland GR, Moxham BJ (2018). Oral Anatomy, Histology and Embryology, 5th edition. CV Mosby Co
8. Richard S Snell (2008). "Clinical Anatomy for by Regions". Latest edition, Lippincott, William & Wilkins.
9. Victor P Eroschenko (2008). "di Fiore's Atlas of Histology with Functional Correlations", Latest edition, Lippincott, William & Wilkins.
10. Barrett, K. E., Barman, S. M., Brooks, H. L., & Yuan, J. X.-J. (2019). Ganong's review of medical physiology / Kim E. Barrett, Susan M. Barman, Heddwen L. Brooks, Jason X.-J. Yuan. McGraw-Hill Education LLC.
11. Journal Articles/ books for the last 3 years

**DIA 1006 — Community Oral Health and Professional Development I****List of books that must be included in the course pro forma:**

1. Paul M. Lehrer, Robert L. Woolfolk (2021) Principles and Practice of Stress Management, Fourth Edition. New York : The Guilford Press
2. Babara Garza (2021) Effective Communication Skills: Tips For Improving Your Communications Skills: Social Skills, Amazon Digital Services LLC - KDP Print US
3. Teri Kwal Gamble, Michael W. Gamble (2019) The Interpersonal Communication Playbook, US: Sage Publication.
4. Deborah Lake, Krista Baerg MD, Teresa Paslawski (2015) Teamwork, Leadership and Communication: Collaboration Basics for Health Professionals. Canada: Brush Education.
5. Gamble, Teri Kwal; Gamble, Michael. (2014). Interpersonal communication :building connections together. Los Angeles : SAGE.
6. Phil Hughes, Ed Ferrett (2013) International Health and Safety at Work: The Handbook for the NEBOSH International General Certificate. London: Routledge
7. Katz DL, Elmore JG, Wild DMG, Lucan SC (2014) Jekel's Epidemiology, biostatistics and preventive medicine and public health. 4th ed. Philadelphia: Elsevier Saunders.
8. Beaglehole R, Bonita R, Kjellstrom T. (2006) Basic epidemiology, Geneva: World Health Organization
9. Journal Articles/ books for the last 3 years

## **DIA 1007 — Introduction to Artificial Intelligence (AI) in Dentistry**

### **List of books that must be included in the course pro forma:**

1. John Paul Mueller, Luca Massaron. Artificial Intelligence for Dummies, John Wiley & Sons 2018.
2. Lasse Rouhiainen. Artificial Intelligence: 101 Things You Must Know Today About Our Future, CreateSpace Independent Publishing Platform, 2018. Philip C. Jackson Jr. Introduction to Artificial Intelligence, Dover Publications, 3rd Edition 2019.
3. Journal Articles/ books for the last 3 year

## YEAR II

### DIA 2007 — Human Health and Disease II

#### **List of books that must be included in the course pro forma:**

1. Todd W. Vanderah (2024) .Katzung's Basic and Clinical Pharmacology, 16th Edition, McGraw-Hill
2. Robbins & Cotran Pathologic Basis of Disease. Kumar, Abbas, Aster (editors) (2020) 10th edition Elsevier. (Pathology).
3. Stefan Riedel, Jeffery A. Hobden, Steve Miller, Stephen A. Morse, Timothy A. Mietzner, Barbara Detrick, Thomas G. Mitchell, Judy A. Sakanari, Peter Hotez, Rojelio Mejia (2019) Jawetz, Melnick and Adelberg's Medical Microbiology 28th Edition, McGraw-Hill Education
4. Lakshman Samaranayake (2018) Essential Microbiology for Dentistry 5th Edition Elsevier
5. Richard Goering, Hazel Dockrell, Mark Zuckerman, Ivan Roitt, Peter L. Chiodini (2018) Mims' Medical Microbiology 6th Edition, Elsevier.
6. Warren Levinson (2016) Review of Medical Microbiology and Immunology 14th Edition, Mc Graw Hill
7. Rang H P, Dale M M, Ritter J.M. & Flower R J (2012) "Pharmacology", 7th Edition, Churchill Livingstone
8. Harvey R A (Series Editors) (2012) Lippincott's Illustrated Reviews: PHARMACOLOGY, 5th edition, Lippincott Williams & Wilkins
9. Jeremy Bagg, T. Wallace MacFarlane, Ian R. Poxton, Andrew J.Smith, Simon Bagg (2006) Essential of Microbiology for Dental Students Second edition,Oxford University Press
10. Timbury MC, Mc Cartney AC, Thakker B, Ward KN.J. Douglas Sleigh and Morag Timbury (2002) Notes on Medical Microbiology by Timbury MC ( Elsevier Health Sciences)
11. Journal Articles/ books for the last 3 years

## DIA 2008 — Clinical Dentistry I

### **List of books that must be included in the course pro forma:**

1. Eric Whaites, Nicholas Drage (2021) Essentials of dental radiography and radiology, 6th edition, Elsevier.
2. Chapman A, Felton SH (2021). Basic guide to oral health education and promotion, 3rd Edition. John Wiley & Sons.
3. Public Health England, Department of Health and Social Care, NHS England and NHS Improvement. (2021). Delivering better oral health: an evidence-based toolkit for prevention. Available at: <https://www.gov.uk/government/publications/delivering-better-oral-health-an-evidence-based-toolkit-for-prevention>
4. Chiayi Shen H. Ralph Rawls Josephine Esquivel-Upshaw (2021) Phillips' Science of Dental Materials, 13th Edition, Saunders
5. Sanjay M. Mallya, Ernest w. N. Lam (2019) White and Pharoah's Oral Radiology: Principles and Interpretation 8th Edition, Elsevier.
6. Andre Ritter (2018) Sturdevant's Art & Science of Operative Dentistry, 7th Edition, Mosby, St Louis
7. Sakaguchi RL, Ferracane J, Powers JM (2019) Craig's Restorative Dental Materials, 14th Edition, Mosby.
8. Lindhe J., Karring T., Lang NP (2021) Clinical Periodontology and Implant Dentistry 7th Edition.
9. Fejerskov, O., Nyvad, B., & Kidd, E. (Eds.). (2015). Dental caries: the disease and its clinical management. John Wiley & Sons. 3rd Edition
10. Avijit Banerjee, Timothy F. Watson (2015) Pickard's Manual of Operative Dentistry, 10th Edition, Oxford University Press.
11. Meyer-Lueckel, H. (2013). Caries management: science and clinical practice. S. Paris, K. R. Ekstrand, & S. Effenberger (Eds.). Stuttgart: Thieme.
12. George A. Zarb, John Hobkirk, Steven Eckert, Rhonda Jacob (2013) Prosthodontic Treatment for Edentulous Patients : Complete Dentures and Implant-Supported Protheses. Vol 13th ed. Mosby;
13. Wood, D. J. (2012). Techniques in complete denture technology. John Wiley & Sons.
14. Journal Articles/ books for the last 3 years

**DIA 2009 — Community Oral Health and Professional Development II****List of books that must be included in the course pro forma:**

1. Jill Mason (2020) Concepts in Dental Public Health, Jones & Bartlett Learning.
2. Ilana Eli (2020) Oral Psychophysiology: Stress, Pain, and Behavior in Dental Care, UK: CRC Press.
3. Obregón-Rodríguez, N., Fernández-Riveiro, P., Piñeiro-Lamas, M. et al. (2019) Prevalence and caries-related risk factors in schoolchildren of 12- and 15-year-old: a cross-sectional study. BMC Oral Health 19, 120. <https://doi.org/10.1186/s12903-019-0806-5>
4. Pine C. (2015). Community Oral Health. 2nd Ed. Wright Publishers. UK.
5. Daly B., Watt R., Batchelor P and Treasure E. (2013). Essential Dental Public Health. Oxford University Press. UK.
6. Helman C. (2007). Culture, Health and Illness. 4th ed. Oxford University Press, NY.
7. Humphris G and Ling MS. (2000). Behavioural Sciences for Dentistry. Churchill Livingstone Publishers. UK.
8. Locker D. (1989). An Introduction to Behavioural Science & Dentistry. Routledge Publishers. NY.
9. MC Jacob and Pampling D. (1989). The Practice of Primary Dental Care. Butterworth & Co Publishers. UK.
10. Journal Articles/ books for the last 3 years

## YEAR III

### DIA 3013 — Human Health Disease III

#### **List of books that must be included in the course pro forma:**

1. A Feather, D Randall, M Waterhouse (2020). Kumar & Clark's clinical medicine (10th Edition).
2. J.L Jameson, A Fauci, D Kasper et al. (2018) Harrison's Principles of Internal Medicine (20th Edition).
3. Mark Greenwood. (2018). Essentials of Human Disease in Dentistry. 2nd Edition. Wiley-Blackwell
4. Murray Longmore, Ian Wilkinson, Estee Torok (2014). Oxford Handbook of Clinical Medicine. 9th Edition, Oxford Publisher.
5. Crispian Scully, Roderick A. Cawson (2014). Medical Problems in Dentistry. 7th Edition, Elsevier Publisher.
6. Norman L Browse Elbs. (1997) An Introduction to the Symptoms and Signs of Surgical Disease.3rd Edition. London: E. Arnold
7. A.C Kennedy, L.H Blungart, GDO Lowe J R Anderson (1977). Essentials of Medicine and Surgery for Dental Student. Churchill Livingstone Publication.
8. Journal Articles/ books for the last 3 years

**DIA 3014 — Clinical Dentistry II****List of books that must be included in the course pro forma:**

1. Krishnamurthy Bonanthaya (2021) Oral and Maxillofacial Surgery for the Clinician, Springer Nature
2. Eric Whaites, Nicholas Drage (2021) Essentials of dental radiography and radiology, 6th edition, Elsevier.
3. Newman and Carranza's Clinical Periodontology for the Dental Hygienist (2020) 1st Edition. Published by Elsevier.
4. Littlewood, S., Michell, L. (2019) An introduction to Orthodontics. Oxford University Press. 5th Edition
5. Sanjay M. Mallya, Ernest w. N. Lam. (2019) White and Pharoah's Oral Radiology: Principles and Interpretation 8th Edition, Elsevier.
6. Stanley F. Malamed (2019) Handbook of Local Anesthesia, 7th edition, Elsevier Health Sciences
7. Lindhe J., Karring T., Lang NP (2018) Clinical Periodontology and Implant Dentistry 6th Edition. Published by Chichester, West Sussex ; Ames, Iowa : John Wiley and Sons, Inc., 2015. © 2015 by John Wiley & Sons, Ltd. Sixth Edition.
8. E. W. Odell, Roderick Anthony Cawson (2017) Cawson's Essentials of Oral Pathology and Oral Medicine. 9th Edition. Elsevier,
9. Joseph A. Regezi, James J. Sciubba, Richard C. K. Jordan (2017) Oral Pathology: Clinical Pathologic Correlations. 7th Edition, illustrated. St. Louis, Missouri : Elsevier, 2017.
10. Rosenstiel, S. F., Land, M. F., & Fujimoto, J. (2016). Contemporary fixed prosthodontics (Fifth edition.). St. Louis, Missouri : Elsevier, 2016. © 2016 by Elsevier Inc.
11. George A. Zarb, John Hobkirk, Steven Eckert, Rhonda Jacob (2013) Prosthodontic Treatment for Edentulous Patients : Complete Dentures and Implant-Supported Protheses. Vol 13th ed. Mosby;
12. Carr, A. B., Brown, D. T., & McCracken, W. L. (2011). McCracken's removable partial prosthodontics (12th ed.). Elsevier Mosby.
13. Journal Articles/ books for the last 3 years

## DIA 3015 — Community Oral Health and Professional Development III

### **List of books that must be included in the course pro forma:**

1. Joseph, John (2017) Textbook Of Preventive And Community Dentistry Public Health Dentistry 3Ed, New Delhi : CBS Publisher & Distributors,
2. Chapman, Alison; Felton, Simon H. (2021) Basic Guide To Oral Health Education And Promotion 3rd Edition, Wiley-Blackwell
3. Sally, H., Cotton, D., & Spowart, L. (2020). Leadership in dental practice: a three stage systematic review and narrative synthesis. Journal of Dentistry, 103480. doi: 10.1016/j.jdent.2020.103480
4. Cronin, P., Rawson, J. V., Heilbrun, M. E., Lee, J. M., Kelly, A. M., Sanelli, P. C., & Paladin, A. M. (2014). How to critically appraise the clinical literature. Academic radiology, 21(9), 1117-1128.
5. Daly, B., Batchelor, P., Treasure, E., & Watt, R. (2013). Essential dental public health. 2nd Edition. United Kingdom: Oxford University Press.
6. Critical Appraisal Skills Programme (CASP), making sense of evidence. Retrieved from <https://casp-uk.net/casp-tools-checklists>
7. Journal Articles/ books for the last 3 years

## YEAR IV

### DIA 4012 — CLINICAL DENTISTRY III

**List of books that must be included in the course pro forma:**

1. Krishnamurthy Bonanthaya (2021) Oral and Maxillofacial Surgery for the Clinician, Springer Nature
2. J.M. Calabrese, M. M. Henshaw (2021) Geriatric Dental Medicine, An Issue of Dental Clinics of North America: Volume 65-2.
3. Eric Whaites, Nicholas Drage (2021) Essentials of dental radiography and radiology, 6th edition, Elsevier.
4. Newman and Carranza's Clinical Periodontology for the Dental Hygienist (2020) 1st Edition. Published by Elsevier.
5. Littlewood, S., Michell, L. (2019) An introduction to Orthodontics. Oxford University Press. 5th Edition
6. Sanjay M. Mallya, Ernest w. N. Lam. (2019) White and Pharoah's Oral Radiology: Principles and Interpretation 8th Edition,, Elsevier.
7. L Niklaus P. Lang, Tord Berglundh, William V. Giannobile, & Mariano Sanz. (2021).7 Lindhe's Clinical Periodontology and Implant Dentistry. th Edition..Wiley-Blackwell.
8. E. W. Odell, Roderick Anthony Cawson (2017) Cawson's Essentials of Oral Pathology and Oral Medicine. 9th Edition. Elsevier.
9. Rosenstiel, S. F., Land, M. F., & Fujimoto, J. (2016). Contemporary fixed prosthodontics (Fifth edition.). Elsevier.
10. Joseph A. Regezi, James J. Sciubba, Richard C. K. Jordan (2017) Oral Pathology: Clinical Pathologic Correlations. 7th Edition, illustrated. St. Louis, Missouri : Elsevier,
11. Pushkar Mehra (2015) Manual of Minor oral surgery for the general dentist. EBook
12. Paula K. Friedman (2014) Geriatric Dentistry : Caring For Our Aging Population. EBook
13. George A. Zarb, John Hobkirk, Steven Eckert, Rhonda Jacob (2013) Prosthodontic Treatment for Edentulous Patients : Complete Dentures and Implant-Supported Protheses. Vol 13th ed. Mosby;
14. Carr, A. B., Brown, D. T., & McCracken, W. L. (2011). McCracken's removable partial prosthodontics (12th ed.). St.Louis, Missouri : Elsevier Mosby, 2011. ©2011.
15. Journal Articles/ books for the last 3 years

## DIA 4013 — Community Oral Health and Professional Development IV

### **List of books that must be included in the course pro forma:**

1. Dobson, H., Bishop, M.L., Enns, C., Horn, P. and Stiles, G. (2021). Teaching Global Citizenship: The Global Leadership Initiative, its Impact and Challenges. *Glob. Policy*, 12: 131-139. <https://doi.org/10.1111/1758-5899.12905>.
2. Dey, T., Mukherjee, A., & Chakraborty, S. (2020). A Practica Overview of Case-Control Studies in Clinical Practice. *Chest*, 158(1). S57-S64. Doi:10.1016/j.chest.2020.03.009
3. David B. Resnik (2018). *The Ethics of Research with Human Subjects*. Springer International Publishing AG (outside the USA).
4. McKenzie JE, Thackeray R, Neiger BL (2017). *Planning, implementing, and evaluating health promotion programs: a primer*. 7th ed. San Francisco USA: Pearson. [ISBN-10:0134219929](#).
5. Grobbee, D.E., Hoes, A.W. (2015). *Clinical epidemiology: Principles, methods, and applications for clinical research*. 2nd ed. Jones & Bartlett Learning: Burlington USA
6. Grobbee, D.E., Hoes, A.W. (2015). *Clinical epidemiology: Principles, methods, and applications for clinical research*. 2<sup>nd</sup> ed. Burlington USA: Jones & Bartlett Learning. ISBN-10:1449674321.
7. Daly B, Batchelor, P., Treasure, E., Watt. (2013). *Essential Dental Public Health*. 2nd ed. Oxford: Oxford University Press. ISBN:9780199679379.
8. Anusavice KJ (2013). *Philips' Science of Dental Materials* 12th Ed. WB Saunders.
9. Karuthan Chinna, Krishnakumari Karuthan, Choo Wan Yuen (2016). *Statistical Analysis Using SPSS*. Malaysia: Pearson Malaysia Sdn Bhd
10. Lu Ann Aday, Llewellyn J. Cornelius (2011). *Designing and Conducting Health Surveys: A Comprehensive Guide*. John Wiley & Sons
11. Keith Wilson John M Walker (ed). (2010). *Principles and Techniques of Biochemistry and Molecular Biology* (7th Ed.) Cambridge University Press. [ISBN: 0521178746]
12. McCabe JF, Wells AWG (2008). *Applied Dental Materials*, 9th Ed.; Blackwell Science Inc.
13. Kapp MB (2006). Ethical and legal issues in research involving human subjects: do you want a piece of me? *J Clin Pathol*, 59:335–339. doi: 10.1136/jcp.2005.030957
14. Kendall JM (2003). Designing a research project: Randomised Controlled trials and their principles. *Emerg Med J*. March;20(2)164-168.
15. Orb A, Eisenhauer L, Wynaden D. (2000). Ethics in Qualitative Research. *J. Nurs Sch*, 33:1, 93-96.
16. Hennekens CH, Buring JE (1987). *Epidemiology in Medicine*, Lippincott Williams & Wilkins.
17. Journal Articles/ books for the last 3 years

**DIA 4014 — Research Project****List of books that must be included in the course pro forma:**

1. Dey, T., Mukherjee, A., & Chakraborty, S. (2020). A Practical Overview of Case-Control Studies in Clinical Practice. *Chest*, 158(1). S57-S64. Doi:10.1016/j.chest.2020.03.009
2. David B. Resnik (2018). *The Ethics of Research with Human Subjects*. Springer International Publishing AG (outside the USA).
3. Grobbee, D.E., Hoes, A.W. (2015). *Clinical epidemiology: Principles, methods, and applications for clinical research*. 2nd ed. Jones & Bartlett Learning: Burlington USA
4. Grobbee, D.E., Hoes, A.W. (2015). *Clinical epidemiology: Principles, methods, and applications for clinical research*. 2<sup>nd</sup> ed. Burlington USA: Jones & Bartlett Learning. ISBN-10:1449674321.
5. Karuthan Chinna, Krishnakumari Karuthan, Choo Wan Yuen (2016). *Statistical Analysis Using SPSS*. Malaysia: Pearson Malaysia Sdn Bhd
6. Lu Ann Aday, Llewellyn J. Cornelius (2011). *Designing and Conducting Health Surveys: A Comprehensive Guide*. John Wiley & Sons
7. Keith Wilson John M Walker (ed). (2010). *Principles and Techniques of Biochemistry and Molecular Biology* (7th Ed.) Cambridge University Press. [ISBN: 0521178746]
8. McCabe JF, Wells AWG (2008). *Applied Dental Materials*, 9th Ed.; Blackwell Science Inc.
9. Kapp MB (2006). Ethical and legal issues in research involving human subjects: do you want a piece of me? *J Clin Pathol*, 59:335–339. doi: 10.1136/jcp.2005.030957
10. Kendall JM (2003). Designing a research project: Randomised Controlled trials and their principles. *Emerg Med J*. March;20(2)164-168.
11. Orb A, Eisenhauer L, Wynaden D. (2000). Ethics in Qualitative Research. *J. Nurs Sch*, 33:1, 93-96.
12. Hennekens CH, Buring JE (1987). *Epidemiology in Medicine*, Lippincott Williams & Wilkins.
13. Journal Articles/ books for the last 3 years

## YEAR V

## DIA 5008 — CLINICAL DENTISTRY IV

**List of books that must be included in the course pro forma:**

1. Krishnamurthy Bonanthaya (2021) Oral and Maxillofacial Surgery for the Clinician, Springer Nature
2. J.M. Calabrese, M. M. Henshaw (2021) Geriatric Dental Medicine, An Issue of Dental Clinics of North America: Volume 65-2.
3. Eric Whaites, Nicholas Drage (2021) Essentials of dental radiography and radiology, 6th edition, Elsevier.
4. Newman and Carranza's Clinical Periodontology for the Dental Hygienist (2020) 1st Edition. Published by Elsevier.
5. Littlewood, S., Michell, L. (2019) An introduction to Orthodontics. Oxford University Press. 5th Edition
6. Sanjay M. Mallya, Ernest w. N. Lam. (2019) White and Pharoah's Oral Radiology: Principles and Interpretation 8th Edition, Elsevier.
7. Lindhe J., Karring T., Lang NP (2018) Clinical Periodontology and Implant Dentistry 6th Edition. Published by Blackwell Munksgaard.
8. E. W. Odell, Roderick Anthony Cawson (2017) Cawson's Essentials of Oral Pathology and Oral Medicine. 9th Edition. Elsevier,
9. Joseph A. Regezi, James J. Sciubba, Richard C. K. Jordan (2016) Oral Pathology: Clinical Pathologic Correlations. 7th Edition, illustrated. Elsevier Health Sciences
10. Rosenstiel, S. F., Land, M. F., & Fujimoto, J. (2016). Contemporary fixed prosthodontics (Fifth edition.). Elsevier.
11. Neelima Anil Malik (2016) Textbook of Oral and Maxillofacial Surgery, Jaypee Brothers Medical Publishers Pvt. Limited
12. Paula K. Friedman (2014) Geriatric Dentistry : Caring For Our Aging Population. Wiley-Blackwell
13. George A. Zarb, John Hobkirk, Steven Eckert, Rhonda Jacob (2013) Prosthodontic Treatment for Edentulous Patients : Complete Dentures and Implant-Supported Protheses. Vol 13th ed. Mosby;
14. Carr, A. B., Brown, D. T., & McCracken, W. L. (2016). McCracken's removable partial prosthodontics (13th ed.). Elsevier Mosby.
15. Crispian Scully, Pedro Diz Dios and Navdeep Kumar. Special Care in Dentistry.(2007) ISBN:978-0-443-07151-5. <https://doi.org/10.1016/B978-0-443-07151-5.X5001-X> 2. Crispian
16. Journal Articles/ books for the last 3 years