



# **DOCTOR OF DENTAL PUBLIC HEALTH (DrDPH)**

**Student Handbook  
2021/2022**

**Department of Community Oral Health & Clinical Prevention  
Faculty of Dentistry  
Universiti Malaya  
Kuala Lumpur  
Malaysia**

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## INTRODUCTION

The Department of Community Oral Health and Clinical Prevention is one of five academic departments that contribute to undergraduate and postgraduate teaching and training. The department has vast experience in conducting postgraduate programmes. In 1994, the department introduced a one-year postgraduate programme, i.e. Master of Community Dentistry (MCD), which was the first postgraduate programme offered by the Faculty of Dentistry, UM. During the development of the MCD programme, the late Professor Aubrey Sheiham was appointed as the consultant in the curriculum content. He was a Professor Emeritus at University College London, United Kingdom. Professor Sheiham visited the department three times under the CICHE (British Council Programme).

In 2003, the Public Service Department and the Ministry of Health formulated a requirement that a Dental Public Health Specialist must undergo a four-year postgraduate programme to be gazetted as a specialist. Consequently, the department convened a meeting with the main stakeholders from the Oral Health Programme, Ministry of Health to discuss extending the current MCD course from one-year to a four-year programme to comply with the requirement. A follow-up discussion was also held with the Department of Social and Preventive Medicine (SPM) to formulate the programme structure of the four-year MPH (Oral Health) programme based on the MPH framework of SPM.

The department replaced the one-year MCD programme with a four-year Master of Public Health (Oral Health) programme which was designed for Malaysian dental public health specialists. The department also offered a two-year Master of Science (Dental Public Health) programme to cater for the demand from foreign students.

The two programmes were taught concurrently by the Department of Community Oral Health and Clinical Prevention and the Department of Social and Preventive Medicine of the Faculty of Medicine, Universiti Malaya. By 2012, the department had produced 50 MCD graduates, 21 MPH (Oral Health) graduates and 3 MSc (DPH) graduates. These graduates are highly regarded by their employers. Most of them are now holding high administrative positions in the Oral Health Programme, Ministry of Health. For example, Dr Noormi Othman (Principal Director of Oral Health), Dr Chia Jit Chie (Director of Oral Health Policy & Strategy Management Division), Dr Fauziah Ahmad (Director of Oral Health Care Division), and Dr Mazlina Mat Desa (Director of Oral Health Regulation & Practice Division) were our graduates from MCD programme. In addition, Dr. Nurrul Ashikin Husin is holding the position of Senior Principal Assistant Director. In addition, Dr Nurrul Ashikin Abdullah (Deputy Director Primary Oral Health Care), Dr Sofiah Mat Ripen (Malaysian Dental Council Secretary), Dr Salleh Zakaria (Deputy Director Oral Health Promotion) were our graduates from MPH (oral health) programme.

The current three-year Doctor of Dental Public Health (DrDPH) programme (after completion of one-year Master in Community Oral Health programme) is an upgrade of the four-year Masters programme to be an equivalent to a doctorate level in line with the Malaysian

Qualification Agency (MQA) and University requirement, which received support from Ministry of Health, Malaysia. The planning of this programme started in 2006 with input from various stakeholders. A review of the DrDPH curriculum was undertaken in 2017 whereby some changes were made and this newly DrDPH reviewed curriculum which is offered in the academic year of 2018/2019 onwards .

## UM VISION AND MISSION

### UM VISION

A global university impacting the world.

### UM MISSION

Pushing the boundaries of knowledge and nurturing aspiring leaders.

## PROGRAMME AIMS AND LEARNING OUTCOMES

### PROGRAMME AIMS

The programme aims to produce dental public health specialists with in-depth knowledge and who are clinically and technically competent, socially responsible, sensitive and adaptable to the changing oral health needs of the society.

### LEARNING OUTCOMES

The learning outcomes for the DrDPH programme are constructed based on the eight Malaysian Qualifying Framework (MQF) learning outcomes domains, i.e. Knowledge of Discipline Areas, Practical Skills, Social Skills and Responsibilities, Values, Attitudes and Professionalism, Communication, Leadership and Teams Skills, Problem Solving and Scientific Skills, Information Management and Lifelong Learning Skills and Managerial and Entrepreneurial Skills.

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

PO	Programme Learning outcome	Taxonomy
PO1 (Knowledge)	Synthesize knowledge in the field of dental public health to propose various approaches to solving community oral health problems.	(K)
PO2 (Practical Skills)	Conduct research to diagnose oral health problems at the individual and community levels as well as to propose and evaluate relevant clinical and community intervention plans.	(P),(A)
PO3 (Social Skills and Responsibility)	Demonstrate the ability to build smart partnerships with agencies / organizations / communities in promoting oral health.	(P),(A)

PO4 (Values, Attitudes and Professionalism)	Adhere to law and professional ethics in dental public health practice as well as demonstrates good attitudes and values in managing community oral health problems.	(A)
PO5 (Communication, Leadership and Teamwork Skills)	Display good leadership quality through strategic communication with colleagues, other healthcare professionals, relevant agencies, patients and the community; and practice effective team work in promoting oral health.	(P),(A)
PO6 (Problem solving & scientific skills)	Critically appraise and utilize advances in scientific knowledge and technology for the benefit of the community's oral health.	(P)
PO7 (Information Management and Life Long Learning Skills)	Demonstrate the ability to source, collate, manage, summarize and interpret public health information from diverse resources and possess a positive attitude towards lifelong learning	(P),(A)
PO8 (Managerial and Entrepreneurial Skills)	Apply managerial skills to the practice of dental public health.	(P), (A)

## ORGANISATION OF DEPARTMENT

As staff of Universiti Malaya, we abide by the Universiti Malaya Code of Ethics (University Malaya, 2010) and as a dental profession, we abide by the Code of Professional Conduct (Malaysian Dental Council).

The department has six full time academic staff. Five of the 6 academic staff hold a PhD degree. Two staff are currently on study leave.

Refer **Appendix I** for the department's organisation chart.

### Working hours

Day	Office Hours (Morning)	Lunch Break	Office Hours (Afternoon)
Monday to Thursday	1. 0800-1300 2. 0830-1300	1300-1400	1. 1400-1700 2. 1400-1730
Friday	1. 0800-1215 2. 0830-1215	1215-1445	1. 1445-1700 2. 1445-1730

\* Working hours may vary during the Fasting Month

### Office of the Head of Department

Head of Department : Prof. Dr. Zamros Yuzadi Mohd Yusof  
DrDPH Programme Coordinator : Prof Dr Jennifer Geraldine Doss  
MCOH Programme Coordinator : Dr Nor Azlida Mohd Nor

The administrative staff:

1. Madam Intan Liana Mohamad Lias (Postgraduate affair)
2. Madam Noor Hafizah Zakaria (Undergraduate affair)
3. Mr. Encik Suzaman Salim (Temporary)

### OHE and Preventive Dental Clinic

1. DSA Miss Che Nurulhana Che Ismail
2. DSA Mr. Md Azman Md Nor

### Department Floor Plan

The Department of Community Oral Health & Clinical Prevention is located at level 2, block D, Faculty of Dentistry (the old building). Floor plan of the department as shown in **Appendix II**.

### OHE and Preventive Clinic

The OHE/ Preventive Clinic is located at two sides; level 2, block D and level 3, Menara Pakar Pergigian & Penyelidikan.

## PROGRAMME STRUCTURE

Programme	Doctor of Dental Public Health (DrDPH)	
Duration	3 Years	Credits
<b>Year 1</b>		
Semester 1	<p><b>Core course</b></p> <ol style="list-style-type: none"> <li>1. DWJ 8001 – Advanced Research Methodology in Health Systems 4</li> <li>2. DWJ 8004 – Community Dentistry and Clinical Prevention (P) 3</li> <li>3. MWA 8005 – Health Policy and Leadership 3</li> </ol> <p><b>*Elective courses (choose 1 only)- 3 Credits</b></p> <ul style="list-style-type: none"> <li>● DWJ 8006 – Advanced Biostatistics</li> <li>● DWJ 8007 – Questionnaires Design for Oral Health Survey</li> <li>● MWA 8007 – Human Resource Planning and Management</li> <li>● MWA 8009 – Health Economic</li> <li>● MWA 8011 – Quality in Health</li> <li>● MWA 8014 – Lifetime Health</li> <li>● MWA 8016 – Society, Behaviour and Health</li> <li>● MWA 8020 – Human Factor and Ergonomics</li> <li>● MWA 8023 – Occupational Safety Health in Management System</li> <li>● MWA 8025 – Clinical Epidemiology</li> <li>● MWA 8027 – Epidemiology of Non-Communicable Disease</li> <li>● MWA 8028 – Analysis of Rates and Proportions</li> <li>● MWA 8029 – Statistical Computing</li> <li>● MWA 8030 – Introduction to Meta-Analysis</li> </ul> <p style="text-align: right;"><b>Semester 1 Total Credits</b></p>	<b>13</b>
Semester 2	<p><b>Core course</b></p> <ol style="list-style-type: none"> <li>1. DWJ 8002 – Thesis (P) 15</li> <li>2. DWJ 8003 - Evidence Based Public Health for Dentistry 3</li> <li>3. DWJ 8004 – Community Dentistry and Clinical Prevention 3</li> </ol> <p style="text-align: right;"><b>Semester 2 Total Credits</b></p>	<b>21</b>

<b>Year 2</b>		
Semester 3	<b>Core course</b> 1. DWJ 8002 – Thesis (P)	15
	<b>Semester 3 Total Credits</b>	<b>15</b>
Semester 4	<b>Core course</b> 1. DWJ 8002 – Thesis (P)	15
	<b>Semester 4 Total Credits</b>	<b>15</b>
<b>Year 3</b>		
Semester 5	<b>Core course</b> 1. DWJ 8002 – Thesis	15
	<b>Semester 5 Total Credits</b>	<b>15</b>
Semester 6	<b>Core course</b> 1. DWJ 8005 – Internship	7
	<b>Semester 6 Total Credits</b>	<b>7</b>
	<b>PROGRAMME TOTAL CREDIT</b>	<b>86</b>

The programme structure for the three-year DrDPH is designed to be at par with a local (Universiti Sains Malaysia) and international standard (University of Boston, University of Albany, State University of New York and University of North Carolina, America). The DrDPH is a mixed mode programme; coursework and research components, with a total of 86 credits. The coursework component has 26 credits (30%) and the research component has 60 credits (70%). The internship training will be conducted in Semester 6 (third year). The research project will be conducted progressively from semester 2 (Year 1) until semester 5 (Year 3).

The unique feature of this programme is the Internship course and the Community Dentistry and Clinical Prevention course. The Internship course enables the candidates to experience an experiential learning at the government health agencies either locally or internationally, and the credits can be transferred. The Community Dentistry and Clinical Prevention course builds the candidates' clinical skills in dental public health. The rest of the core and elective courses are essential for the understanding of the up-to-date concepts, principles and methods that support the programme outcomes. Appropriate discipline standards and international best practices in the field of dental public health are also taken into account.

Candidates are also required to undertake a research project which is undertaken beginning of the second semester in First Year until semester 5 in Third Year. In addition to the courses offered by the department, candidates will be required to undertake a core course (MWA 8005 – Health Policy and Leadership) and an elective course (of 3 credit hours) at the Department of

Social and Preventive Medicine, Faculty of Medicine, UM. This learning experience will expose the candidates to a multi-disciplinary approach in Public Health and for the benefit of their future career.

In summary, the DrDPH programme is designed to complement the MCOH programme whereby it allows the graduates to have an exposure and experience in the rigorous application of their previously attained knowledge and clinical, technical and managerial skills in the field. This is meant to reinforce the fundamental training that graduates received during their previous master's programme. As such, the DrDPH and the MCOH programmes are viewed together as a 'Package Programme' to complement each other in developing wholesome dental public health specialists who can function effectively and relevantly in the population's changing oral health needs.

## ACADEMIC CALENDAR FOR SESSION 2021/2022

### DOCTOR OF DENTAL PUBLIC HEALTH (YEAR I / YEAR II / YEAR III)

<b>KALENDAR PENGAJIAN SESI AKADEMIK 2021/2022 (SECARA AM- PERINGKAT IJAZAH TINGGI) (dipinda Jun 2021)</b>			
<b>SEMESTER I</b>			
Pendaftaran Kursus (Modul) <i>(Rujuk Jadual Pendaftaran di <a href="https://umsitsguide.um.edu.my/">https://umsitsguide.um.edu.my/</a>)</i>	2 minggu	24.09.2021	- 08.10.2021
Kuliah	7 minggu*	18.10.2021	- 05.12.2021
Cuti Pertengahan Semester I	1 minggu	06.12.2021	- 12.12.2021
Kuliah	7 minggu*	13.12.2021	- 30.01.2022
Minggu Ulangkaji	1 minggu*	31.01.2022	- 06.02.2022
Peperiksaan Akhir Semester I	2 minggu	07.02.2022	- 20.02.2022
Cuti Semester	3 minggu	21.02.2022	- 13.03.2022
	<u>23 minggu</u>		
<b>SEMESTER II</b>			
Pendaftaran Kursus (Modul) <i>(Rujuk Jadual Pendaftaran di <a href="https://umsitsguide.um.edu.my/">https://umsitsguide.um.edu.my/</a>)</i>	2 minggu	18.02.2022	- 04.03.2022
Kuliah	7 minggu*	14.03.2022	- 01.05.2022
Cuti Pertengahan Semester II	1 minggu*	02.05.2022	- 08.05.2022
Kuliah	7 minggu*	09.05.2022	- 26.06.2022
Minggu Ulangkaji	1 minggu	27.06.2022	- 03.07.2022
Peperiksaan Akhir Semester II	2 minggu*	04.07.2022	- 17.07.2022
	<u>20 minggu</u>		
<b>CUTI TAHUNAN</b>			
Cuti	9 minggu*	18.07.2022	- 18.09.2022
<b>SEMESTER KHAS</b>			
Pendaftaran Kursus (Modul)	1 minggu	01.07.2022	- 08.07.2022
Kuliah	7 minggu*	18.07.2022	- 04.09.2022
Peperiksaan Akhir Semester Khas	1 minggu	05.09.2022	- 11.09.2022
Cuti	1 minggu*	12.09.2022	- 18.09.2022
	<u>10 minggu</u>		

\* Kalendar Akademik telah mengambil kira cuti umum dan cuti perayaan

Hari Kebangsaan (31 Ogos 2021)  
 Hari Malaysia (16 September 2021)  
 Maulidur Rasul (19 Oktober 2021)  
 Deepavali (4 November 2021)  
 Hari Krismas (25 Disember 2021)  
 Cuti Tahun Baharu (1 Januari 2022)  
 Hari Thaipusam (18 Januari 2022)  
 Hari Wilayah (1 Februari 2022)

Tahun Baharu Cina (1 & 2 Februari 2022)  
 Nuzul Al-Quran (19 April 2022)  
 Hari Pekerja (1 Mei 2022)  
 Hari Raya Aidilfitri (2 & 3 Mei 2022)  
 Hari Wesak (15 Mei 2022)  
 Hari Keputeraan Agong (8 Jun 2022)  
 Hari Raya Aidiladha (9 Julai 2022)  
 Awal Muharram (30 Julai 2022)  
 Hari Kebangsaan (31 Ogos 2022)

## PROGRAMME DETAILS

The three-year DrDPH programme by mixed mode [coursework = 26 credits (30%), research = 60 credits (70%), overall = 86 credits] is undertaken in six semesters. The maximum period of candidature is six years or 12 semesters. The information on the coursework and research component is explained below.

### COURSE CONTENT:

#### **DWJ 8001 – Advanced Research Methodology in Health Systems (4 credits- Semester 1)** **Coordinator: Dr Marhazlinda Jamaludin**

This course equips the students with advanced knowledge and skills to conduct research, appraise scientific papers, present research ideas and findings and produce sound scientific reports. The content of this course covers more complex forms of study design, higher level methods of appraising scientific evidence, and series of research proposal presentations focusing on the development of objectives and methods of study. Students will be assessed through oral presentation at seminars, proposal presentations and written assignments.

At the end of this course, students are able to: -

1. Design a research that ethically complies with principles of health research methods (C5, P5, A4)
2. Appraise the worth of scientific evidence for research purposes. (C6, P3, A3)
3. Interpret the results of common statistical analysis in dental research accurately (C6)
4. Demonstrate the ability to present research ideas and findings to scientific audience and/or lay people (P4, A3)
5. Produce a sound scientific research report (C5, P5)

### Teaching Schedule:

<i>Week</i>	<i>Topic &amp; Activities</i>
<b>1</b>	<ul style="list-style-type: none"><li>● Lecture 1: Module orientation &amp; Designing your research – An overview</li><li>● Lecture 2: Matching the research design to research question</li></ul>
<b>2</b>	<ul style="list-style-type: none"><li>● Seminar 1: Critical appraisal of scientific articles: Tools of appraising different study designs</li><li>● Seminar 2: Critique of Article – Cross sectional and Case control</li><li>● Lecture 3: Advance Quantitative Study Design</li></ul>

3	<ul style="list-style-type: none"> <li>● Lecture 4: Advanced Qualitative Study Design</li> <li>● Lecture 5: Mixed Methods design</li> <li>● Seminar 3: Critique of Article – Cohort and Clinical trial</li> </ul>
4	<ul style="list-style-type: none"> <li>● Seminar 4: Critique of Article – Systematic review and Meta analysis</li> <li>● Lecture 6: Designing Questionnaire</li> </ul>
5	<ul style="list-style-type: none"> <li>● Practical 1: Sample size estimation</li> <li>● Seminar 5: Errors in research</li> </ul>
6	<ul style="list-style-type: none"> <li>● Practical 2: Validity – Factor Analysis</li> <li>● Practical 3: Reliability – Internal consistency, Intra &amp; Inter rater</li> </ul>
7	<ul style="list-style-type: none"> <li>● Lecture 7: Understanding statistical findings of the study</li> <li>● Lecture 8: Selecting statistical analysis &amp; Writing up results</li> <li>● Tutorial 1</li> </ul>
8	<ul style="list-style-type: none"> <li>● Semester break</li> </ul>
9	<ul style="list-style-type: none"> <li>● Lecture 9: Writing up effective discussion</li> </ul>
10	<ul style="list-style-type: none"> <li>● Seminar 6: Presentation of Research Proposal 1</li> <li>● Seminar 7: Presentation of Research Proposal 2</li> </ul>
11	<ul style="list-style-type: none"> <li>● Seminar 8: Guidelines in reporting research</li> </ul>
12	<ul style="list-style-type: none"> <li>● Tutorial 2</li> </ul>
13	
14	

\* Subject to change

## **DWJ 8003 – Evidence-based Public Health for Dentistry (3 credits - Semester 2)**

**Coordinator: Dr Nor Azlida Mohd Nor**

Public health practitioners should ideally incorporate scientific evidence in making management decisions, developing policies, and implementing programs. In reality, these decisions are often based on short-term demands and anecdotal evidence. In this course, the candidates will learn about developing effective programmes and policies in chronic disease prevention which the public health practitioners require specific skills, including the application of principles of scientific reasoning and systematic uses of data and information systems. This process relies on several related disciplines, including epidemiology, biostatistics, behavioural science, health care management, and health policy development. Increased focus on evidence-based public health (EBPH) has numerous direct and indirect benefits, including access to more and higher-quality information on what works, a higher likelihood of successful programs and policies being implemented, greater workforce productivity, and more efficient use of public and private resources.

At the end of this course, students are able to:-

1. Assess scientific evidence for Public Health Actions (C6).
2. Analyse the public health data using EBPH analytical tools to support decision making (C4).
3. Propose a health promotion or disease prevention programme/ policy based on EBPH practice using a 6-steps approach (C5,A5,P5).

**Teaching Schedule:**

<b>*Week</b>	<b>Lecture/Tutorial/Assignment Topic*</b>
1	<b>Lecture 1:</b> Introduction to EBPH & Course briefing
2	<b>Lecture 2:</b> Community assessment
3	<b>Lecture 3:</b> Quantifying the issue, developing a concise statement.
4	<b>Seminar 1:</b> Oral presentation of Community assessment, quantifying the issue, developing a concise statement.
5	<b>Lecture 4:</b> Search for Evidence, organise information and develop & prioritizing options.
6	<b>Seminar 2:</b> Oral presentation of systematic review and developing and prioritizing options
7	<b>Lecture 5:</b> Developing an action plan and implementing interventions
8	MID-SEM BREAK
9	<b>Essay assignment</b>
10	<b>Flipped classroom</b> Critical appraisal of given papers
11	<b>Lecture 6:</b> Evaluating the program or policy
12	<b>Independent learning (self-directed learning)</b>
13	<b>Seminar 3:</b> Oral presentation of the proposed action plan, interventions and evaluation of Dental Public Health program
14	Quiz

\* Subject to change

**DWJ 8004 – Community Dentistry and Clinical Prevention (6 credits: 3 credits in Semester 1; 3 credits in Semester 2)**

**Coordinator: Dr. Nor Azlida Mohd Nor/Prof Dr Zamros Yuzadi Mohd Yusof**

This course is an extension of the Preventive Dentistry course in Master in Community Oral Health. This includes demonstration and clinical sessions. It also incorporates oral health education in clinical and community settings as part of a holistic approach in patient care. Students are required to undertake a community-based clinical preventive and oral health promotion programme. As part of training, students are expected to undertake a supervisory role for the undergraduate community project and/or clinical preventive cases.

At the end of this course, students are able to:-

1. Manage patients for clinical preventive care (C5,P5, A3).
2. Manage patients in a multi-disciplinary care effectively (C5, P5, A2).
3. Manage oral health programmes at community level (C5, P5, A5).

**Teaching Schedule:**

<b>*Week</b>	<b>● Lecture/Tutorial/Assignment Topic*</b>
	<b>Semester 1</b>
1-3	<ul style="list-style-type: none"> <li>● Introduction to Community Dentistry and Clinical Prevention module</li> <li>● Demo DEISY</li> <li>● Briefing on Community oral health field project</li> <li>● Briefing on Oral Cancer Support Care Clinic</li> <li>● Smoking cessation training</li> </ul>
3 -14	<ul style="list-style-type: none"> <li>● Clinical duty in Preventive Clinics and other clinics (e.g. combined clinic, special care dentistry clinic, oral cancer clinic, oral wellness clinic) as scheduled by department in timetable for clinics.</li> <li>● Smoking cessation training</li> <li>● Community oral health field project</li> </ul>
	<b>Semester 2</b>
1-14	<ul style="list-style-type: none"> <li>● Clinical duty in Preventive Clinics and other clinics (e.g. combined clinic, special care dentistry clinic, oral cancer clinic, oral wellness clinic) as scheduled by department in timetable for clinics.</li> <li>● Community oral health field project</li> </ul>

\* Subject to change

**MWA 8005 – Health Policy and Leadership (3 credits – Semester 1; by Department of Social and Preventive Medicine)**

*(Detail of this course please refer to the DrPH handbook provided by the Department of Social and Preventive Medicine)*

This Health Policy and Leadership module is intended to provide students with an understanding of the dynamics of health policy processes at both national and international levels. The course covers the political systems within which policies are formulated and the role of the state, the process of policy making within the government, how issues get onto the policy agenda, the role of interest groups in the policy process, policy implementation, contribution of research and evaluation and global initiatives in health policy.

**Teaching Schedule:**

<b>*Week</b>	<b>Lecture/Tutorial/Assignment Topic*</b>
1	Introduction and Course outline
2	Planning Health Policies [1]
3	Planning Health Policies [2]
4	Policy Implementation [1]
5	Policy Implementation [2]
6	Policy Evaluation [1]
7	Policy Evaluation [2]
8	Policy Issues in Elderly Care
9	Tobacco Control Policies
10	NCD Screening Policies
11	Domestic Violence Intervention Related Policies and Efforts
12	Policy Solutions for Men's Health Gap
13	Seminar – case studies in health policy
14	End of Course Review

\* Subject to change

**DWJ 8002 – Thesis (60 credits: 15 credits in Semester 2, 3, 4 and 5 each)**

**Coordinator: Postgraduate Coordinator (Prof Dr Jennifer G Doss/HOD)**

The research project runs over 4 semesters of the DrDPH programme. The candidate will plan and implement original research in Community Oral Health. The proposal will be defended within the second semester; and when approved by the Medical Ethics Committee, the candidate will proceed with the research independently. The candidate will be allocated one or more supervisors to oversee the progress of the research project with regards to its scope and timelines. The candidate will report the research in the form of a thesis of a minimum of 80,000

words to not more than 100,000 words. Based on the research conducted, the student will also prepare and submit at least one manuscript for publication to a journal. At the end of the course the candidate will be an independent learner and will have developed skills in research project management and the writing of a thesis. At the end of the course, the candidate will become an independent learner and will have developed the skills in research, research management, thesis write up, and publication of research findings

**\*\*THE CANDIDATE IS REQUIRED TO SHOW PROOF OF AT LEAST ONE ACCEPTED MANUSCRIPT IN SCOPUS/ISI INDEXED JOURNALS BEFORE HE OR SHE CAN GRADUATE.**

At this end of this course, the students are able to: -

1. Develop a detailed research proposal adequate for implementation (C5, P5).
2. Formulate a medical ethics application according to professional ethics and conduct (C5, P4, A3).
3. Conduct independent and relevant research activities (P3, A2).
4. Interpret the data obtained (C6, A4).
5. Present research findings (C6, A4)
6. Prepare a thesis (C5, P3, A2)

**Teaching Schedule:**

<b>*Week</b>	<b>Lecture/Tutorial/Assignment Topic*</b>
<b>Sem 2</b>	
1-10	Preparation for Defense Proposal seminar and discussion with supervisor <ul style="list-style-type: none"> <li>● Problem Statement</li> <li>● Methodology</li> </ul>
11	Defense of Research proposal seminar (problem statement & methodology)
12-14	Assignment- Medical ethics application and submission
<b>Sem 3</b>	
1-4	Preparation for field data collection
5-14	Field data collection period
<b>Sem 4</b>	
1-10	Field data collection
11-13	Data entry – 3 practical sessions for data entry
13-14	Data analysis and interpretation – 5 practical sessions for data analysis
<b>Sem 5</b>	

1-12	Preparation of thesis chapters
13	Preparation for viva and oral presentation
14	Oral Presentation and Viva Voce of Thesis

\* Subject to change

DWJ 8005 – Internship (7 credits – semester 6)

**Coordinator: Head of Department (Professor Dr Zamros Yazudi Mohd Yusof)**

This is an experiential learning process where students will be attached to two (2) federal level organisations and a state level organisation which includes management at district level. Conducted as a series of professional internships where students come out with reports of the internship and formulate a proposal to overcome local community oral health problems. Students will be assessed by field and academic supervisors as well as through attachment logs, attachment reports and a community project report. Students may also do the internship at approved centres overseas. and community project report. Students may also do the internship at approved centres overseas.

At the end of this module, students are able to:-

1. Appraise the roles and functions of selected organisations in supporting the national healthcare system of the country (C6, A4, P5).
2. Appraise the management of the healthcare system (C6, A4, P5).
3. Manage an assigned project (A5, P5).

### Teaching Schedule:

*Week	Lecture/Tutorial/Assignment Topic*
1	Lecture (Course briefing)
2 - 7	Professional internship (6 weeks)
8-9	Preparation for oral presentation
10	Oral Presentation
11-13	Preparation for report
14	Submission of report

\* Subject to change

**Elective Courses offered by the Social & preventive Department, Faculty of Medicine**

Please refer to the DrPH Handbook provided by the Department of Social and Preventive Medicine

## RULES AND REGULATIONS

University of Malaya (Doctorate Degree) Rules and Regulations 2019 shall apply to all students of the DrDPH programme.

### ASSESSMENT

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

- A. **Formative assessments** – is a range of informal and formal procedures conducted by teachers during the learning process to improve students' attainment\_of learning outcomes.
- B. **Summative Assessment** – comprise of continuous assessment and final examination
  1. **Continuous Assessment (CONASS)** - These are on-going assessments for all the courses which may include one /or a combination of the following:
    - i) Quizzes
    - ii) Discussion of Clinical Cases
    - iii) Log Book
    - iv) Feedback and Approval of research proposal by medical ethics and grant committee
    - v) Practical exercises
  2. **Final examination** – Written examination at the end of semester.

### Marking Scheme

For the **Coursework component**, the following marking scheme is used.

Mark	Grade	Grade Point	Grade Point Descriptor
90-100	A+	4.00	Highly excellent
80-89	A	4.00	Excellent
75-79	A-	3.70	
70-74	B+	3.30	Pass
65-69	B	3.00	
60-64	B-	2.70	Fail
55-59	C+	2.30	
50-54	C	2.00	
45-49	C-	1.70	
40-44	D+	1.50	
35-39	D	1.00	
<35	F	0.00	

For the Research **component** the method of evaluation shall be through the examination of a thesis and examination of viva voce. The thesis must be examined, evaluated and certified by an internal and external examiner whether the candidate is awarded PASS with distinction, Pass

without correction, Pass with minor correction (3 months), Pass with major correction (6 months) or FAIL.

The assessment for each course has its own weightage as shown below:

**Course and Assessment**

**DWJ 8001 – Advanced Research Methodology in Health Systems**

- a) Continuous Assessment 100%
- b) Final result will either be PASS or FAIL with GRADES

**DWJ 8002 – Thesis**

- a) Thesis and viva voce
- b) Final result will either be PASS with distinction, Pass without correction, Pass with minor correction (3 months), Pass with major correction (6 months) or FAIL

**DWJ 8003 – Evidence-based Public Health in Dentistry**

- a) Continuous assessment contributes 100%
- b) Final result will either be PASS or FAIL with GRADES

**DWJ 8004 - Community Dentistry and Clinical Prevention**

- a) Continuous Assessment contributes 100%
- b) Final result will either be PASS or FAIL with GRADES

**DWJ 8005 – Internship**

- a) Continuous assessment contributes 100%
- b) Final result will either be PASS or FAIL with GRADES

Courses offered by the Department of Social and Preventive Medicine

Please refer to the DrPH Handbook provided by the Department of Social and Preventive Medicine

## STUDENT'S CODE OF CONDUCT

See **Appendix III**

## PLAGIARISM IN THE CODE OF ETHICS UNIVERSITY OF MALAYA

See **Appendix IV**

## DIRECTORY OF ACADEMIC STAFF

### DIRECTORY OF ACADEMIC STAFF, DEPARTMENT OF COMMUNITY ORAL HEALTH & CLINICAL PREVENTION

Name	Discipline	Phone	E-Mail
Department of Community Oral Health & Clinical Prevention	Office of Head of Department	7967 4805	<a href="mailto:ketuajpm@um.edu.my">ketuajpm@um.edu.my</a>

	Name	Initial	Phone	E-mail
1	Prof. Dr. Roslan Saub <i>BDS (Malaya) MDS (Melb), Phd (Toronto) Registered Dental Public Health Specialist under NSR</i>	RS	79674888	<a href="mailto:roslans@um.edu.my">roslans@um.edu.my</a>
2	Prof. Dr. Jennifer Geraldine Doss <i>BDS (Malaya) MCD-distinction (Malaya), Phd (Otago) Registered Dental Public Health Specialist under NSR</i>	JD	79672478	<a href="mailto:jendoss@um.edu.my">jendoss@um.edu.my</a>
3	Prof. Dr. Zamros Yuzadi Mohd Yusof <i>BDS(QUB), MScDPH(London), DDPHRCS(England), PhD(Distinction)(Malaya) Registered Dental Public Health Specialist under NSR</i>	ZY	79672472	<a href="mailto:zamros@um.edu.my">zamros@um.edu.my</a>
4	Assoc. Prof. Dr. Norintan Abd Murat <i>BDS (Malaya), DDPHRCS (England), MSc (Dental Public Health) (London), PhD (London) Gazetted as a Dental Public Health Specialist by the Faculty of Dentistry, UM</i>	NI	79674860	<a href="mailto:norintan@um.edu.my">norintan@um.edu.my</a>
5	Dr. Marhazlinda Jamaluddin <i>BDS (Malaya), M.Comm.Med Oral Health (USM) Gazetted as a Dental Public Health Specialist by the Ministry of Health &amp; Public Service Department, Malaysia</i>	MJ	79674866	<a href="mailto:marhazlinda@um.edu.my">marhazlinda@um.edu.my</a>
6	Dr. Nor Azlida Mohd Nor <i>BDS(Malaya), MSc (London), DDPHRCS (England), PhD (Cardiff) Gazetted as a Dental Public Health Specialist by the Faculty of Dentistry, UM</i>	NA	79674567	<a href="mailto:azlida@um.edu.my">azlida@um.edu.my</a>

## Honorary Professor

1	Prof. Dato' Dr. Ishak Abdul Razak <i>BDS (Malaya) DDPHRCS (England) MSc (London) PhD (Malaya)</i> <i>Registered Dental Public Health Specialist under NSR</i>	IAR	Consultant	ishakar@u m.edu.my
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## DIRECTORY OF ACADEMIC STAFF, DEPARTMENT OF SOCIAL PREVENTIVE MEDICINE

Head of Department : Professor Dr. Victor Hoe B. Abdullah

The Academic coordinators of the PG programmes:

MPH : Professor Dr Moy Foong Ming (MFM)  
: Dr Tharani Loganathan (TL)

DrPH : Assoc Prof Dr Nik Daliana Nik Farid (ND)  
: Assoc Prof Dr Rafdzah Ahmad Zaki (RAZ)

MPH (ODL) : Dr Lim Sin How (LSH)

The non-academic officers in the PG:

1. DrPH programme – Pn Suhaili Binti Suboh [03-79676668]
2. MPH programme - Pn Norlissa Binti Gani [03-79677546]

Name	Discipline	Phone	E-Mail
Department of Social and Preventive Medicine	Office of Head of Department	7967 4756 7967 7547	<a href="mailto:spm@ummc.edu.my">spm@ummc.edu.my</a>

Prof. Dr Ng Chiu Wan MBBS (S'pore), MPH (Mal), MPH (Health Service Management) (Malaya) PhD (Malaya)	Health Policy & Management	7967 4760	<a href="mailto:chiuwan.ng@ummc.edu.my">chiuwan.ng@ummc.edu.my</a>
Assoc. Prof. Dr Farizah Mohd Hairi MBBS (Mal), MSc (Wales), MPH (Mal), MPH (Health Services Management) (Mal), DSc (Public Health) (NL)	Human Resource Planning and Management	7967 4763	<a href="mailto:farizah@ummc.edu.my">farizah@ummc.edu.my</a>
Assoc. Prof. Dr Nasrin Agha Mohammadi BSc (Env. Hlth Engineering) (Iran),	Occupational & Environmental Health	7967 4927	<a href="mailto:nasrin@ummc.edu.my">nasrin@ummc.edu.my</a>

MSc (Civil Engineering) (USM), PhD (Mal)			
Dr Maslinor Binti Ismail MD (UKM); MPH (Mal); MPH (Family Health) (Mal)	Family Health	7967 4761	<a href="mailto:maslinor@ummc.edu.my">maslinor@ummc.edu.m</a> <a href="mailto:y_maslinor@um.edu.my">y_maslinor@um.edu.my</a>
Dr. 'Abqariyah Yahya BSc, MSc (Statistics), PhD	Biostatistics	7967 2058	<a href="mailto:abqariyah.yahya@umm&lt;br/&gt;c.edu.my">abqariyah.yahya@umm c.edu.my</a>

## DEPARTMENT FACILITIES

The department has adequate and excellent physical facilities to support the process of learning and research activities for this programme. The facilities available at the department are listed in the table below.

Department Facilities	Current number	Capacity	Number of Staff assigned (if relevant) Capacity
Postgraduate Learning Space	1	20	1 (PTPO)
Laboratories:			
• Communication Lab	1	6	2 (Dental Surgery Assistants)
Classrooms:			
• Seminar Room	1	15	1 (PTPO)
Clinics:			
• Preventive Clinic	4	4	2 (Dental Surgery Assistants)
• Oral Health Education	1	20	2 (Dental Surgery Assistants)
Resource centre	1	15	2 (Dental Surgery Assistants)
Store Room	1	Storage facility	1 (PTPO/ Dental Surgery Assistants)

\* There are other resources and facilities at the faculty that can be shared with other faculty's programmes.

The communication lab provides an avenue to the candidates to enhance their communication skills. This lab is installed with a one-way mirror separating the room into two parts; the observation and action. The action room is equipped with a dental chair and the observation room is equipped with a sound system. The equipment in this lab will be further improved.



All teaching and learning activities for the postgraduate are done in the seminar room. This multipurpose seminar room is flexible to accommodate and facilitate the various learning activities. The dismantled tables were designed to provide a more flexible arrangement to accommodate the teaching and learning activities.



The candidates may use the discussion room at the department. This room provides space for the candidates to do informal discussion with their lecturers. This will also enhance the candidates' interaction with staff of the department.



The candidates are provided with a Postgraduate Learning Space. They can use the room for discussion and completing the written tasks allocated by the lecturers. This room can also be used for informal discussion with the lecturers. The room is equipped with portable tables and chairs, cubicles, lockers and 2 projectors for candidates to use. The candidates must make full use of this room when they are at the department.



The department also has four (4) preventive clinics. These clinics are mainly used to treat patients who require clinical preventive procedures such topical fluoride on patients who are

undergoing radiotherapy and cleft patients. The postgraduate candidates are encouraged to use these clinics.



Oral Health Education Clinic (OHE clinic) allows the candidates to provide oral health education to their patients in a non-threatening environment. This clinic is equipped with oral health education materials such as posters, tooth models, pamphlets etc.



The department has its own collections of books and related public health documents. These collections are made accessible to the candidates to facilitate their learning. Currently, these collections are kept in the seminar room and monitored by the dental sister.



Our department is actively involved in oral health community projects. We have a resource centre to prepare oral health materials such as posters etc. We have become a resource centre for other departments in the faculty for the oral health education materials.



## LIST OF LITERATURE

### Research Methodology in Health Systems

1. Shi, Leiyu. Health Services Research Methods. 2<sup>nd</sup> Edition. USA: International Thompson Publishing, 2008.
2. Crosby RA, DiClemente RJ, Salazar LF. Research methods in Health Promotion. USA: Jossey-Bass, 2006.
3. Kim J, Dailey R. Biostatistics for oral healthcare. USA: Wiley: Blackwell, 2008
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5. Brownson RC, Baker EA, Leet L, Gillespie KN. (2003) Evidence-based Public Health, Oxford University Press.

### Evidence Based Public Health for Dentistry

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4. Grobbee DE, Hoes AW. Clinical epidemiology. Principles, Methods, and Applications for Clinical Research. Jones and Bartlett Publishers; 2009.

### Clinical Preventive Dentistry

1. Ahovuo-Saloranta A, Forss H, Walsh T, Nordblad A, Mäkelä M, Worthington HV. Pit and fissure sealants for preventing dental decay in permanent teeth. Cochrane Database Syst Rev. 2017 Jul 31;7(7):CD001830. doi: 10.1002/14651858.CD001830.
2. Public Health England (2014). Delivering Better Oral Health: An evidence-based toolkit for prevention.
3. Davies GM, Ellwood RP, Kay EJ. Prevention (2003). Part 4: Toothbrushing: What advice should be given to patients; BDJ; 195:135-141
4. Harris NO, Garcia-Godoy F (2004). Primary Preventive Dentistry. 6<sup>th</sup> ed. New Jersey: Pearson Prentice Hall.
5. Murray JJ, Nunn JH. and Steele JG et al (2003). Prevention of Oral Disease. 4<sup>th</sup> ed., Oxford: Oxford University Press.
6. Mohd Nor NA, Ab-Murat NI (2021). Preventive Dentistry Handbook. Faculty of Dentistry, Universiti Malaya, Malaysia.
7. Recent journal articles related to the field.

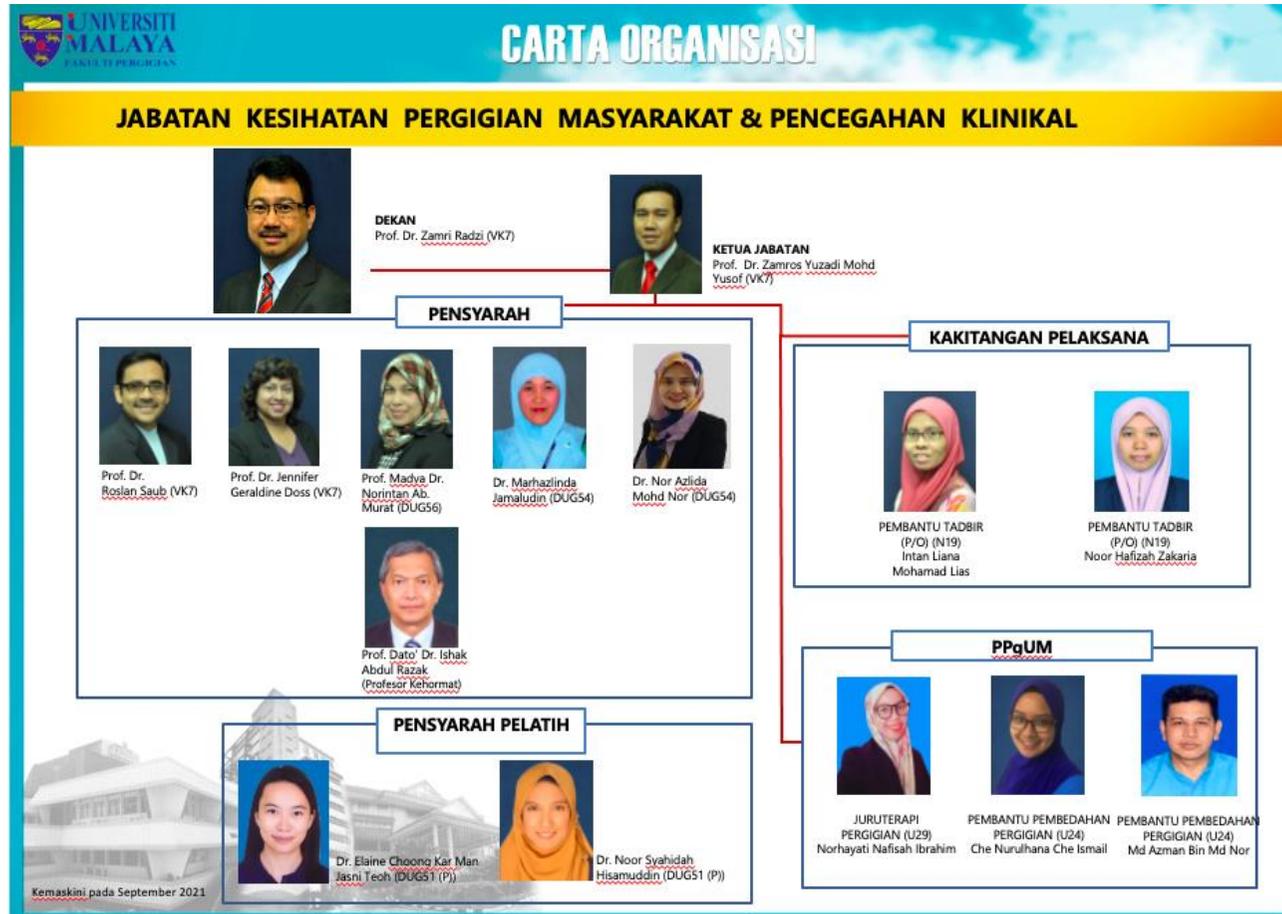
### Thesis

1. Shi, Leiyu. Health Services Research Methods. 2<sup>nd</sup> Edition. USA: International Thompson Publishing, 2008.
2. Crosby RA, DiClemente RJ, Salazar LF. Research methods in Health Promotion. USA: Jossey-Bass, 2006.
3. Kim J, Dailey R. Biostatistics for oral healthcare. USA: Wiley: Blackwell, 2008
4. Critical Appraisal Skills Programme (CASP) 2004. <https://casp-uk.net/CASP-tools-checklist>
5. World Health Organization. Oral Health Surveys: Basic Methods. 5<sup>th</sup> Edition. WHO, 2013
6. Brownson RC, Baker EA, Leet L, Gillespie KN. (2003) Evidence-based Public Health, Oxford University Press.

### Internship

Professional Internship guide book and each department

Appendix I: Organization chart, Department of Community Oral Health and Clinical Prevention





## **Appendix III: Code of Conduct**

*(Source: MPH Student Guidebook 2019/2020, Department of Social Preventive Medicine, Faculty of Medicine, University of Malaya)*

### 1. Punctuality

“Punctuality is a sign of good upbringing” It is expected that one is punctual. This applies not only to being punctual in class attendance but also to being punctual in submission of assignments and projects.

### 2. Behaviour during lectures

It is expected that students pay due respect to their lecturers and fellow students by not being disruptive in the class. Having a private conversation during lectures, doing work unrelated to the lecture being given and using a PC/Notebook are examples of unacceptable behaviour.

### 4. Use of mobile phones

The ringing of mobile phones is a major distraction and answering the phones is akin to having a private conversation during lectures. All mobile phones must be either turned off or set to silent mode.

### 4. Dress code

Students are to use appropriate attire. The minimum expected is smart casual. Jeans, T-shirt and slippers are not allowed. Please use your official name tag at all times that you are in the Faculty of Medicine

### 5. Borrowed literature/books

Any literature or books borrowed from the lecturers or department should be returned without any undue delay

### 6. Department Library

Students are allowed to use the department library but no literature is allowed to be taken out of the library.

### 7. Attendance

Attendance is compulsory for all core and elective course. Attendance will be taken at the end of lectures and seminars. Absentees need to provide letter or Medical Certificate (MC).

**Appendix IV: Plagiarism guideline**

Please scan this QR code below for plagiarism guideline.

