

# **KOD POSTGRADUATE STUDENT HANDBOOK**

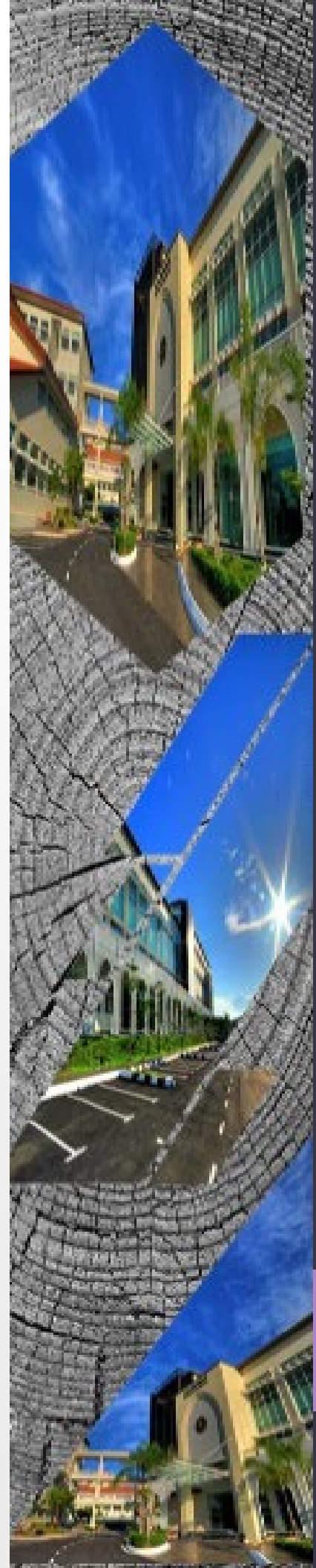


**Master of Dental Sciences  
Doctor of Philosophy in Dental Sciences**

**KULLIYAH OF DENTISTRY**

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## Message from the Dean



*Assalamualaikum,*

*All praises be to Allah, the Creator of the Universe, The One and Only. Peace be upon our Prophet, Muhammad S.A.W., the Messenger to all mankind. It is my distinct pleasure to welcome you to the IIUM Kulliyah of Dentistry.*

*I would like to congratulate all of you for being accepted to the Doctor of Philosophy in Dental Sciences/Master of Dental Sciences programmes this year. This research-based programmes will equip you with knowledge and skills to conduct high-quality research in the basic, applied, and clinical dental sciences.*

*Finally, I would like to take this opportunity to thank you for being a part of the Kulliyah. I wish you all the best and may the coming years of your research journey be pleasant and smooth sailing.*

**Prof. Dr. Zainul Ahmad Rajion**

*Dean*

*Kulliyah of Dentistry*

*IIUM*

# Vision and Mission of International Islamic University Malaysia (IIUM)



## Vision

\*\*\*\*\*

To become a leading international centre of educational excellence which seeks to restore the dynamic and progressive role of the Muslim Ummah in all branches of knowledge and intellectual discourse.

## Mission

\*\*\*\*\*

Towards actualising the University's vision, IIUM endeavours to:

- i. Undertake the special and greatly needed task of reforming the contemporary Muslim mentality and integrating Islamic Revealed Knowledge and Human Sciences in a positive manner.
- ii. Produce better quality intellectuals, professionals and scholars by integrating the qualities of faith (iman), knowledge (`ilm), and good

- character (akhlaq) to serve as agents of comprehensive and balanced progress as well as sustainable development in Malaysia and in the Muslim world.
- iii. Foster the Islamization of the ethics of Muslim academic and administrative staff of IIUM, and certain aspects of human knowledge- particularly in the social sciences and humanities- with the view to making them more useful and more relevant to the Muslim Ummah.
  - iv. Nurture the quality of holistic excellence which is imbued with Islamic moral-spiritual values in the process of learning, teaching, research, consultancy, publication, administration, and student life.
  - v. Exemplify an international community of dedicated intellectuals, scholars, professionals, officers, and workers who are motivated by the Islamic worldview and code of ethics as an integral part of their work culture.
  - vi. Enhance intercultural understanding and foster civilization dialogues in Malaysia as well as across communities and nations.
  - vii. Develop an environment which instils commitment for life-long learning, and a deep sense of social responsibility amongst staff and students.

These mission statements are summarised by the abbreviation IIIICE or “Triple ICE”

- i. Integration
- ii. Islamization
- iii. Internationalization
- iv. Comprehensive Excellence



## Vision and Mission of Kulliyah of Dentistry



### *Vision*

\*\*\*\*\*

The Kulliyah acknowledged as a Mecca for lifelong education and research.

### *Mission*

\*\*\*\*\*

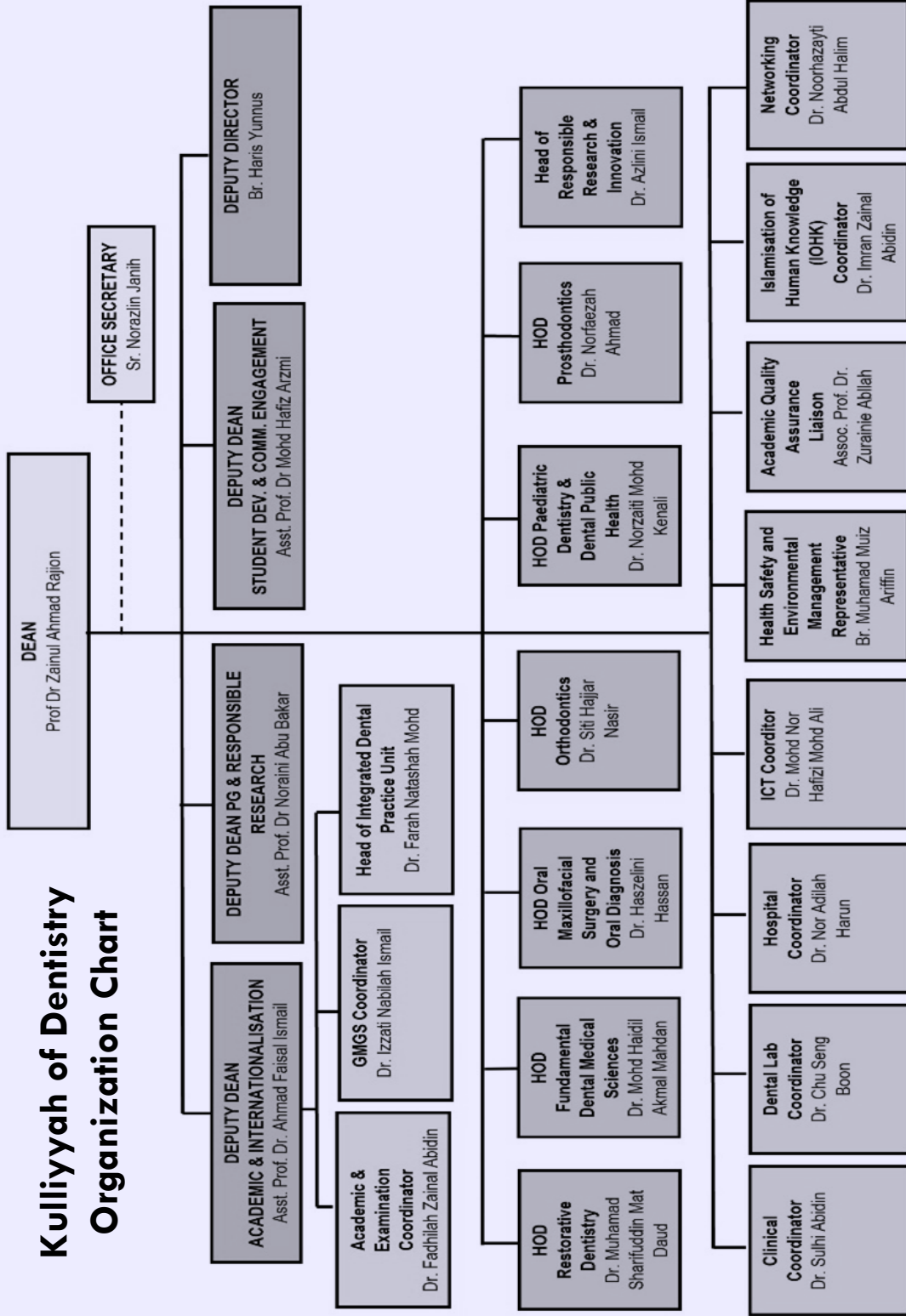
A Kulliyah that is dedicated to a culture of excellence in its academia and treatment services, utilizing contemporary techniques and modern equipment, training and producing dental professionals with leadership qualities imbued in Islamic values.

### *Objectives*

\*\*\*\*\*

- To strive for excellence in dental knowledge, research, care delivery and education.
- To practice good management, encourage innovativeness, instill pioneering spirit and encourage collaborations.
- To apply modern practice and usage of the contemporary technology
- To ensure students remain keen learners, exemplary leaders and good citizens.
- To promote a culture of respect, caring attitude, unity and loyalty, regardless of race, religion or creed.

## Kulliyah of Dentistry Organization Chart



## OFFICE OF DEPUTY DEAN OF POSTGRADUATE & RESPONSIBLE RESEARCH



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## POSTGRADUATE PROGRAMMES (BY RESEARCH)

In line with the Kulliyyah of Dentistry's vision and mission to be acknowledged as a centre of lifelong dental education, it is high time for the Kulliyyah to extend its scope of academic excellence and clinical expertise towards research endeavor at postgraduate level.

For detail information regarding postgraduate regulations, students are advised to adhere to Postgraduate Regulations (Revised 2020) handbook (or latest edition available) which is published by Centre for Postgraduate Studies, IIUM. All information regarding postgraduate studies is also available from the CPS website <http://www.iium.edu.my/centre/cps>.

Research within the area of Dental Sciences involves integrated and multidisciplinary research approach in relation; but unlimited to the overall basic dental and medical science disciplines; focusing to the field of oral pathology, oral biology, craniofacial development, and dental material science. This research programme will look into all aspects of dentistry-related areas, pertaining to normal and abnormal conditions as well as disease related subject matters.

There are two postgraduate programmes currently offered by Kulliyyah on research-basis:

- i) Master of Dental Sciences (MDS)
- ii) Doctor of Philosophy in Dental Sciences

### RESEARCH SPECIALIZATION:

The area of research includes, but not limited to the following;

1. Biomaterial Sciences
2. Community Oral Health
3. Dental Biochemistry
4. Dental Pharmacology
5. Head and Neck Anatomy
6. Oral Biology
7. Oral Maxillofacial Pathology
8. Oral Microbiology and Immunology
9. Oral Physiology

# **MASTER OF DENTAL SCIENCES PROGRAMME**

## **(BY RESEARCH)** (MQA/PSA14868)

### **LEVEL OF STUDIES:**

MASTER (MQF Level 7)

### **YEAR OF COMMENCEMENT:**

2021/2022 academic session (February 2022 Intake)

### **DURATION / MODE OF STUDY:**

Full time: Minimum - 2 years (4 semesters), Maximum - 3 years (6 semesters)

Part time: Minimum – 3 years (6 semesters), Maximum - 5 years (10 semesters)

Research mode under academic supervision.

### **PROGRAMME EDUCATIONAL OBJECTIVES (PEO):**

The programme educational objectives are structured to ensure after five years of graduation, our graduates are able:

1. To lead research relating to dental and orofacial sciences.
2. To achieve high-quality in management, innovation, and collaboration.
3. To become a leader; inculcated with Islamic values, in research and academic field.

## PROGRAMME STRUCTURE:

Master of Dental Sciences is a research-based programme, consisting of full research (100%) work leading to thesis submission.

The students are required to attend Research Methodology (COURSE CODE: DENT 7201) and Unified Islamic Input (COURSE CODE: DENT 7202) in Year 1. Both courses are audit-based. Students are required to present and defend the research proposal (COURSE CODE: DENT 7003) in Semester 1. Assessment will be based on the submitted thesis (COURSE CODE: DENT 7004).

Details regarding research proposal and thesis submission can be referred in IIUM Postgraduate Regulations (Revised 2020) handbook (or any latest edition). Additionally, students are required to have a minimum publication as below according to the latest policy as endorsed in Senate Meeting:

### Standard Criteria of Publication Based on \*PE (Publication Equivalence)

MASTER (RESEARCH MODE)
Minimum PE is 0.6

\* Publication Equivalence (Source: MyRA equivalence table)

TYPE OF PUBLICATIONS	PE VALUE
i. Indexed journal	1
ii. Non-indexed journal	0.7
iii.. Indexed conference proceeding	0.6
iv. Poster and Non-indexed conference proceeding	0.3

**LIST OF COURSES TO BE ENROLLED:**

NO	COURSE CODE	COURSE NAME	REMARKS	GRADE
1	DENT 7201	Research Methodology	This course covers topics which are related to research like overview of research through experimental study designs relevant to professional and academic need in conducting research in different fields of medical and dental sciences.  It is <b>COMPULSORY*</b> for all postgraduates.	AU/FA
2	DENT 7202	Unified Islamic Input	This course covers topics related to Islamisation of knowledge. It enables students to understand the concept, principles, and input of Islamic knowledge in dental science related field.  It is <b>COMPULSORY*</b> for all postgraduates.	AU/FA
3	DENT 7003	Research Proposal	This course is provided for research proposal preparation and defense. It is <b>COMPULSORY</b> for all postgraduates.	PASS/FAIL
4	DENT 7004	Thesis	This course is provided for research data collection and thesis write up. It is <b>COMPULSORY</b> for all postgraduates.	PASS/FAIL

\*Attendance less than 80% will be considered FAIL.

## ADMISSION REQUIREMENTS

In relevance to IIUM CPS policy (Postgraduate Regulations Revised 2020), admission requirement for Master of Dental Sciences programme are as follows::

A Bachelor Degree (honours) in Dentistry or any relevant Basic Sciences or Health Sciences programs with minimum CGPA of 2.75 and above from IIUM or any other accredited Institution of higher learning;

or

any other certificates that are recognised as equivalent to a Bachelor's Degree (honours) (Level 6, MQF);

or

other relevant professional qualifications and experience that are recognised by the Senate of the University;

or

obtained a CGPA less than 2.75 but possesses relevant working experience in the field applied.

A suitable research proposal is required.

For English proficiency certificate, students are required to achieve the following;

TOEFL – minimum 550 (paper-based); or

IELTS – minimum Band 6.0; or

IIUM English Placement Test (EPT) – minimum 6.0

However, exemption from English language proficiency requirement may be given to those who have undertaken regular programmes of studies and graduated from universities that use English as the medium of instruction in English-speaking countries or who have graduated from the IIUM in a programme with English as the medium of instruction (Postgraduate Regulation (revised 2020; point 1.4.1.2)

## TIMELINE

The timeline for Master of Dental Sciences Programme (By Research) is shown in **Appendix A**. The flowchart for proposal defense is shown in **Appendix C**.

# **DOCTOR OF PHILOSOPHY IN DENTAL SCIENCES PROGRAMME (BY RESEARCH) (MQA/PSA14867)**

## **LEVEL OF STUDIES:**

Doctorate (MQF Level 8)

## **YEAR OF COMMENCEMENT:**

2021/2022 academic session (February 2022 Intake)

## **DURATION / MODE OF STUDY:**

Full time: Minimum - 3 years (6 semesters), Maximum – 6 years (12 semesters)

Part time: Minimum – 4 years (8 Semesters), Maximum – 8 years (16 semesters)

Research mode under academic supervision.

## **PROGRAMME EDUCATIONAL OBJECTIVES (PEO):**

The programme educational objectives are structured to ensure after five years of graduation, our graduates are able:

1. To lead high impact research relating to dental and orofacial sciences.
2. To practice good management skill, providing innovation and collaborations with relevant bodies.
3. To be a leading academician and researcher with leadership qualities inculcated with Islamic values.

## PROGRAMME STRUCTURE:

PhD in Dental Sciences is a research-based programme, consisting of full research (100%) work leading to thesis submission.

The students are required to attend Research Methodology (COURSE CODE: DENT 8201) and Unified Islamic Input (COURSE CODE: DENT 8202) in Year 1. Both courses are audit-based. Students are required to present and defend the research proposal in Semester 1. Assessment will be based on the submitted thesis and viva-voce. Details regarding research proposal, thesis submission, and viva voce can be referred in IIUM Postgraduate Regulations (Revised 2020) handbook (or any latest edition).

Additionally, students are required to have a minimum publication as below according to the latest policy as endorsed in Senate Meeting:

### Standard Criteria of Publication Based on \*PE (Publication Equivalence)

PHD
Minimum PE is 2 (1 PE from indexed journal + 1 PE from any combinations of publications)

\* *Publication Equivalence (Source: MyRA equivalence table)*

TYPE OF PUBLICATIONS	PE VALUE
i. Indexed journal	1
ii. Non-indexed journal	0.7
iii.. Indexed conference proceeding	0.6
iv. Poster and Non-indexed conference proceeding	0.3

**LIST OF COURSES TO BE ENROLLED:**

NO	COURSE CODE	COURSE NAME	REMARKS	GRADE
1	DENT 8201	Research Methodology	This course covers topics which are related to research like overview of research through experimental study designs relevant to professional and academic need in conducting research in different fields of medical and dental sciences.  It is <b>COMPULSORY*</b> for all postgraduates.	AU/FA
2	DENT 8202	Unified Islamic Input	This course covers topics related to Islamisation of knowledge. It enables students to understand the concept, principles, and input of Islamic knowledge in dental science related field.  It is <b>COMPULSORY*</b> for all postgraduates.	AU/FA
3	DENT 8003	Research Proposal	This course is provided for research proposal preparation and defense.  It is <b>COMPULSORY</b> for all postgraduates.	PASS/FAIL
4	DENT 8004	Thesis	This course is provided for research data collection and thesis write up.  It is <b>COMPULSORY</b> for all postgraduates.	PASS/FAIL

\*Attendance less than 80% will be considered FAIL.



## ADMISSION REQUIREMENTS

In relevance to IIUM CPS policy (Postgraduate Regulations Revised 2020), admission requirement for Doctor of Philosophy in Dental Sciences Programme (PhD in Dental Sciences) are as follows:

A Master's degree in relevant Basic Sciences or Health Sciences programs with good grades from IIUM or any other accredited Institution of higher learning,

or

any other certificates that are recognised as equivalent to a Master's degree,

or

other relevant professional qualifications and experience that are recognized by the Senate of the University.

A suitable research proposal is required.

For English proficiency certificate, students are required to achieve the following;

TOEFL – minimum 550 (paper-based); or

IELTS – minimum Band 6.0; or

IIUM English Placement Test (EPT) – minimum 6.0

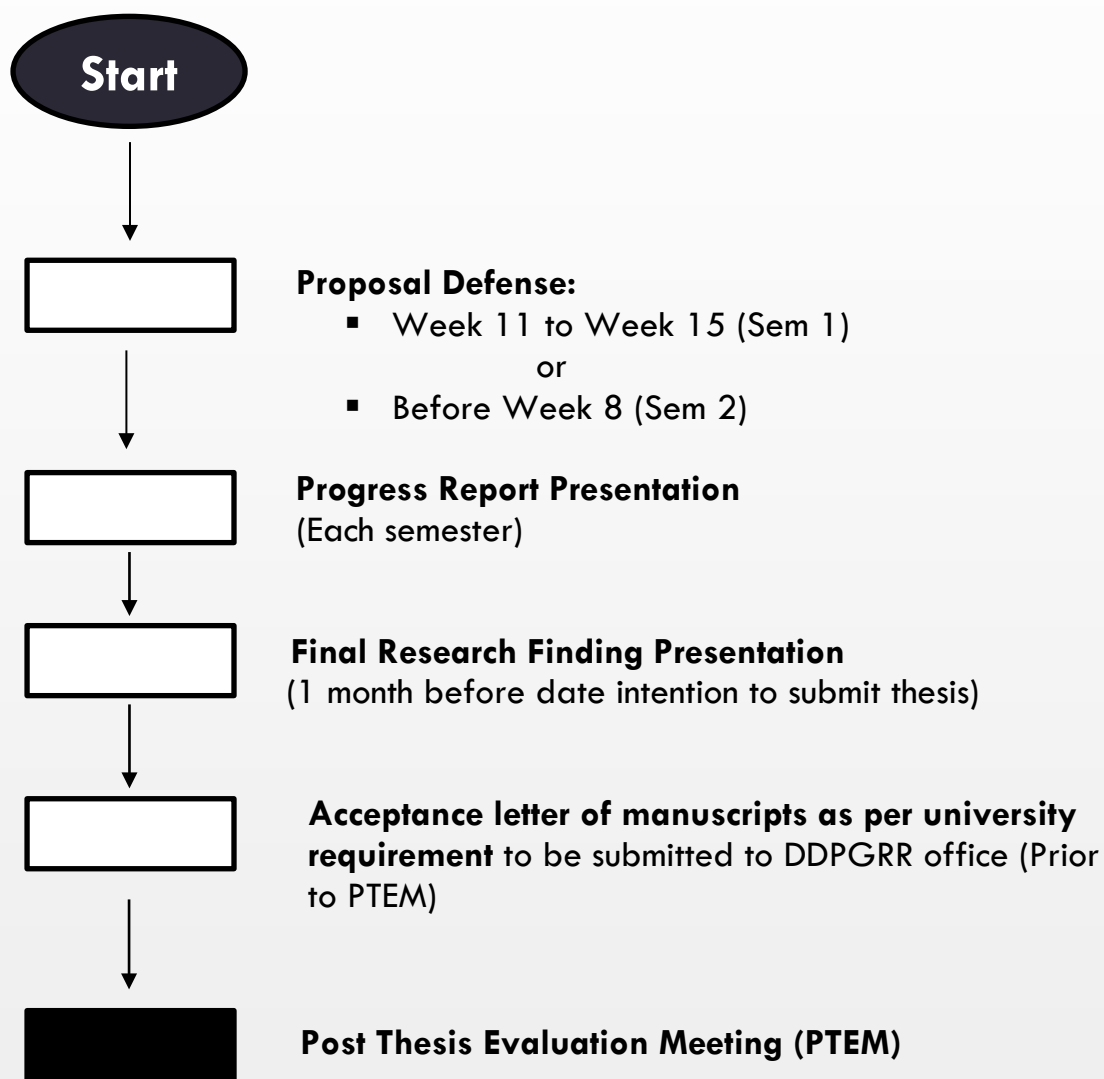
However, exemption from English language proficiency requirement may be given to those who have undertaken regular programmes of studies and graduated from universities that use English as the medium of instruction in English-speaking countries or who have graduated from the IIUM in a programme with English as the medium of instruction (Postgraduate Regulation (revised 2020; point 1.4.1.2).

## TIMELINE

The timeline for Doctor of Philosophy in Dental Sciences Programme (By Research) is shown in **Appendix B**. The flowchart for proposal defense is shown in **Appendix C**.

## APPENDIX A

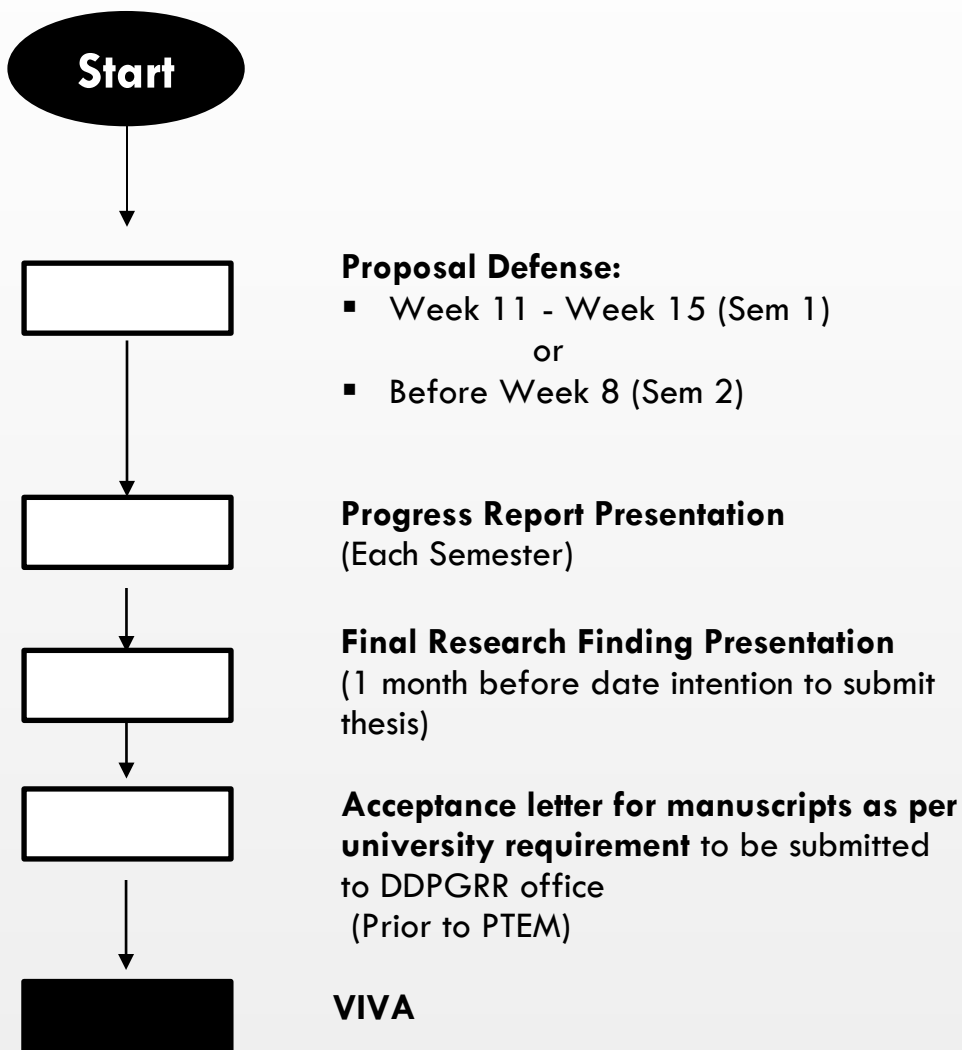
### Timeline (Master of Dental Sciences)



**NOTE:** Students are required to update their progress report via i-Monitor every semester.

## APPENDIX B

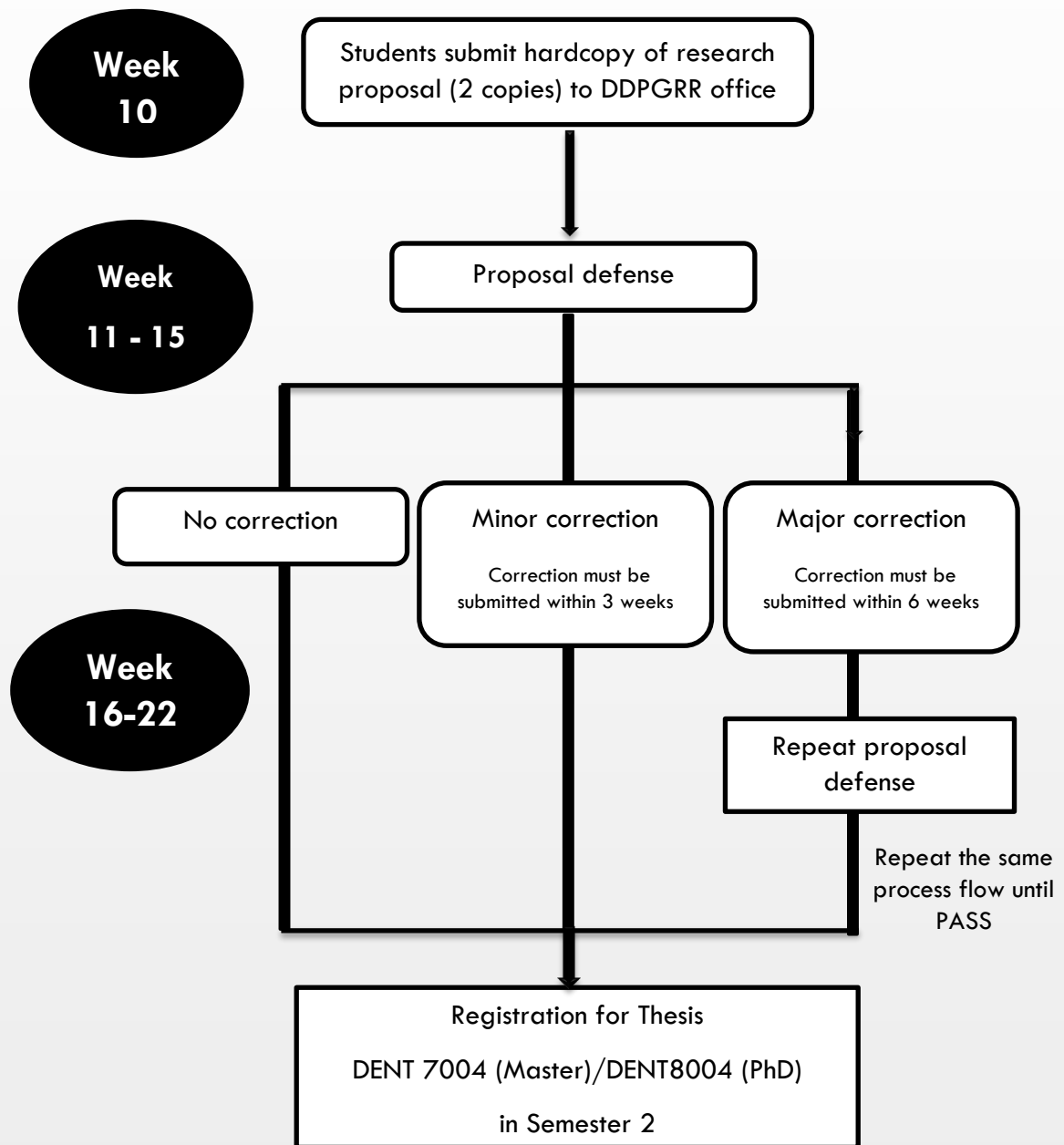
### Timeline (PhD in Dental Sciences)



**NOTE:** Students are required to update their progress report via i-Monitor every semester.

## APPENDIX C

### FIXED TIME-TABLE FOR PROPOSAL DEFENSE



## CONTACT US

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