

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



In the name of Allah, the Most Gracious, the Most Merciful, we extend a heartfelt welcome to all students who have been accepted into the Master of Dental Sciences/Doctor of Philosophy in Dental Sciences program this year.

Congratulations on your acceptance! This is a significant milestone, and we are excited to have you join our academic community. As you embark on this research-based journey, you will have the opportunity to acquire knowledge and develop skills in the field of dentistry, encompassing fundamental, applied, and clinical sciences. Our esteemed faculty and dedicated staff are here to support you in every step of your academic pursuit. Through our collaborative learning environment, we encourage you to engage in scholarly discussions, explore new ideas, and participate in research activities that contribute to the advancement of dental sciences.

We are grateful for your decision to be a part of the Kulliyah of Dentistry, IIUM, and we look forward to witnessing your growth and success. May your future be filled with fulfilling achievements and may your research endeavors be both enjoyable and successful. Once again, welcome to our academic family. May Allah guide and bless your journey with knowledge and wisdom.

Capt (R) Assoc. Prof. Dr. Mohd. Haikal Bin Muhamad Halil
Dean, Kulliyah of Dentistry, IIUM

Vision and Mission of International Islamic University Malaysia (IIUM)



Vision

Inspired by the worldview of tawḥīd and Islamic philosophy of the unity of knowledge as well as its concepts of holistic education, the University aims at becoming a leading international centre of excellence in education, research and innovation which seeks to restore the dynamic and progressive role of the ummah in all branches of knowledge for the betterment of human life and civilisation.

Mission

- i. *To undertake the special and greatly needed task of reforming contemporary Muslim mentality and integrating Islamic Revealed Knowledge and Human Sciences in a positive manner.*

- ii. *To produce better quality intellectuals, professionals and scholars of distinction by integrating quality of faith (īmān), knowledge ('ilm), and good character (akhlāq) to serve as agents of comprehensive and balanced progress as well as sustainable development in Malaysia and in the Muslim world.*
- iii. *To promote the concept of Islamisation of human knowledge in teaching, research and consultancy, dissemination of knowledge and the development of academic excellence in the University.*
- iv. *To nurture the quality of holistic excellence imbued with Islamic moral-spiritual values, in learning, teaching, research, consultancy, publication, administration and student life.*
- v. *To exemplify an international community of dedicated intellectuals, scholars, professionals, officers and staff motivated by the Islamic world-view and code of ethics as an integral part of their work culture.*
- vi. *To enhance intercultural understanding and foster civilisational dialogues in Malaysia as well as across communities and nations.*
- vii. *To develop an environment which instills commitment for life-long learning and a deep sense of social responsibility among staff and students.*



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.

OFFICE OF DEPUTY DEAN OF POSTGRADUATE & RESPONSIBLE RESEARCH AND INNOVATION



Deputy Dean

Postgraduate & Responsible Research and Innovation
 Assoc. Prof. Ts. Dr. Azlini Ismail
 09-5716400 ext. 5455
dr_azlini@iium.edu.my



Asst. Administrative Officer

Sr. Ilyana Shuhada Bt. Zainal Bidin
 09-5716400 ext: 5470
ilyanashuhada@iium.edu.my



Admin Assistant/ Personal Assistant for DDPGRI

Sr. Hani Munnyati Binti Mohamed Sooudin
 09-5716400 ext: 5473
hunnyh@iium.edu.my

PROGRAMME COORDINATORS



Doctor of Philosophy in Dental Sciences

Assoc. Prof. Dr. Basma Ezzat Mustafa
 +6013-9773204
drbasma@iium.edu.my



Master of Dental Sciences

Assoc. Prof. Datin Ts. Dr. Khairani Idah Mokhtar
 +60 13-9278770
drkhairani@iium.edu.my

POSTGRADUATE PROGRAMMES (BY RESEARCH)

In line with the Kulliyah of Dentistry's vision and mission to be acknowledged as a centre of lifelong dental education, it is high time for the Kulliyah 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 2022) 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 Kulliyah 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 dissertation submission.

The students are required to attend Research Methodology (COURSE CODE: DENT 7201) and Unified Islamic Input (COURSE CODE: DENT 7202) once throughout their study period. 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 dissertation and Post-Thesis Examination Meeting (PTM).

Details regarding research proposal and thesis submission can be referred in IIUM Postgraduate Regulations (Revised 2022) handbook. 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	<p>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.</p> <p>It is COMPULSORY* for all postgraduates.</p>	AU/FA
2	DENT 7202	Unified Islamic Input	<p>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.</p> <p>It is COMPULSORY* for all postgraduates.</p>	AU/FA
3	DENT 7003	Research Proposal	<p>This course is provided for research proposal preparation and defense. It is COMPULSORY for all postgraduates.</p>	PASS/FAIL
4	DENT 7004	Dissertation	<p>This course is provided for research data collection and dissertation write up. It is COMPULSORY for all postgraduates.</p>	PASS/FAIL

*Attendance less than 80% will be considered FAIL.

ADMISSION REQUIREMENTS

In relevance to IIUM CPS policy (Postgraduate Regulations Revised 2022), 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 2022.)

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) once throughout their study period. 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 to in IIUM Postgraduate Regulations (Revised 2022) 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 COMPULSORY* 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 COMPULSORY* for all postgraduates.	AU/FA
3	DENT 8003	Research Proposal	This course is provided for research proposal preparation and defense. It is COMPULSORY for all postgraduates.	PASS/FAIL
4	DENT 8004	Thesis	This course is provided for research data collection and thesis write up. It is COMPULSORY for all postgraduates.	PASS/FAIL

*Attendance less than 80% will be considered FAIL.

ADMISSION REQUIREMENTS

In relevance to IIUM CPS policy (Postgraduate Regulations Revised 2022), 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

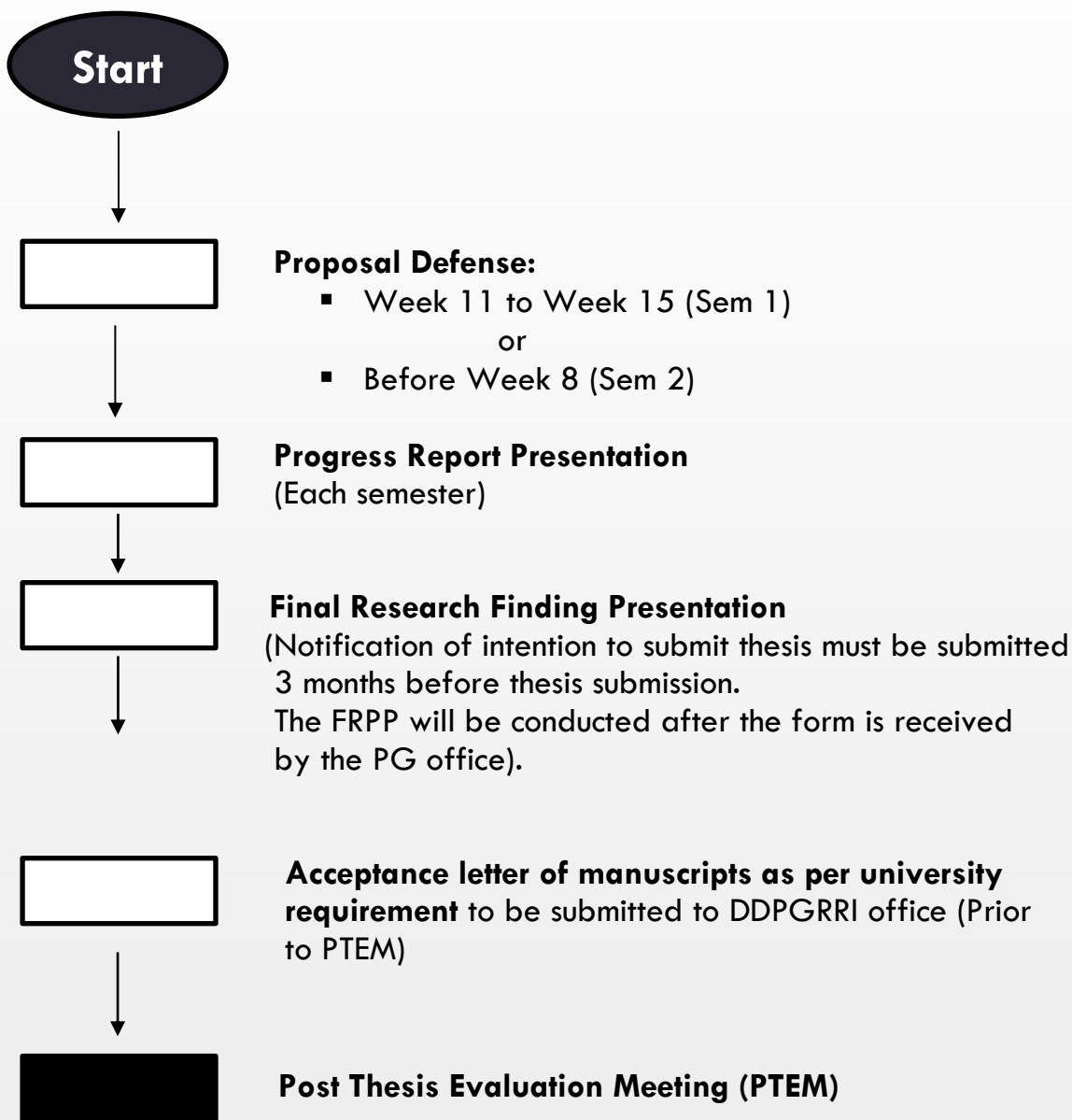
However, exemption from English language proficiency requirement may be given to those who have undertaken regular programmes of studies and graduated from universities that use English as the medium of instruction in English-speaking countries or who have graduated from the IIUM in a programme with English as the medium of instruction (Postgraduate Regulation (revised 2022)).

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

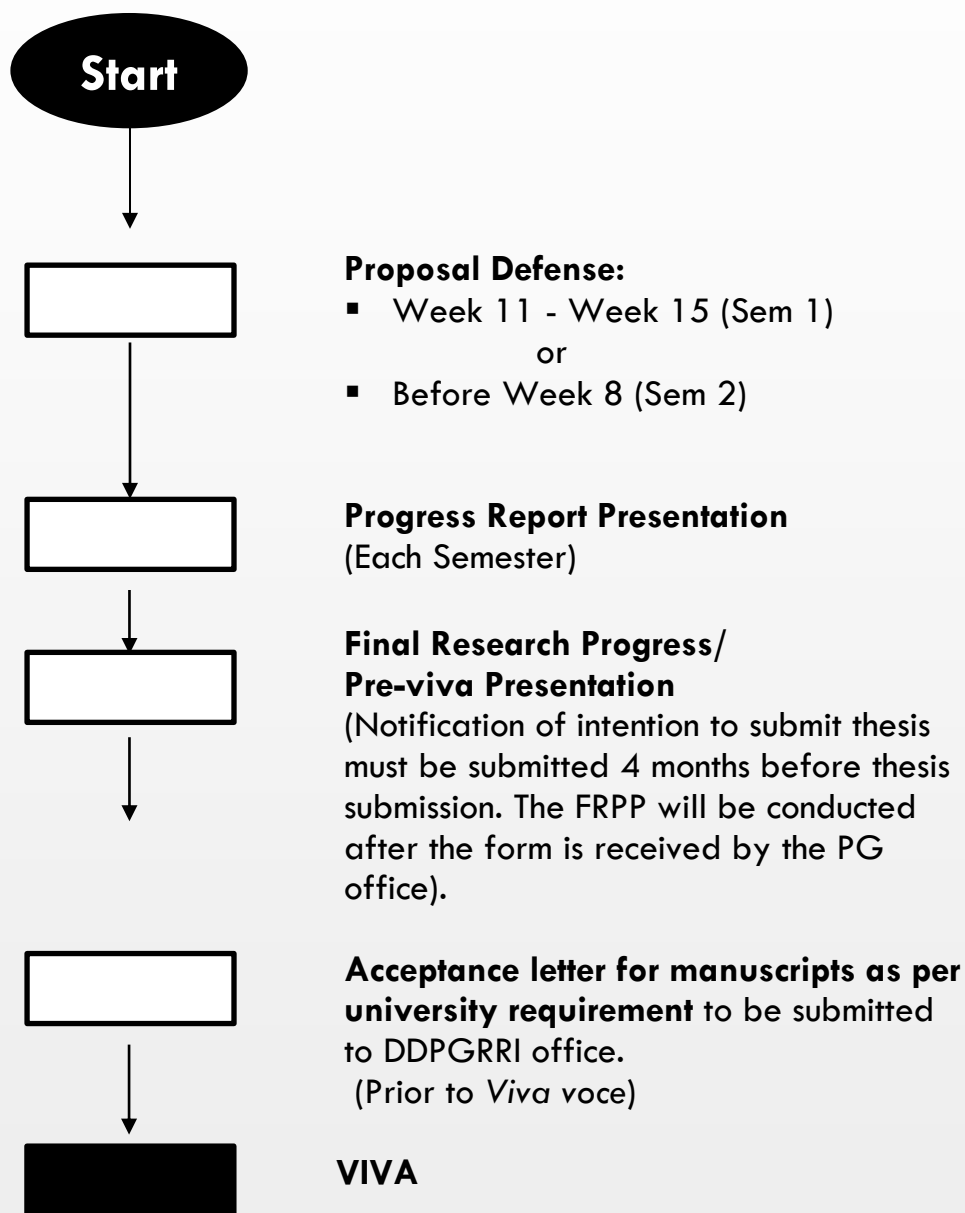
Timeline (Master of Dental Sciences)



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

APPENDIX B

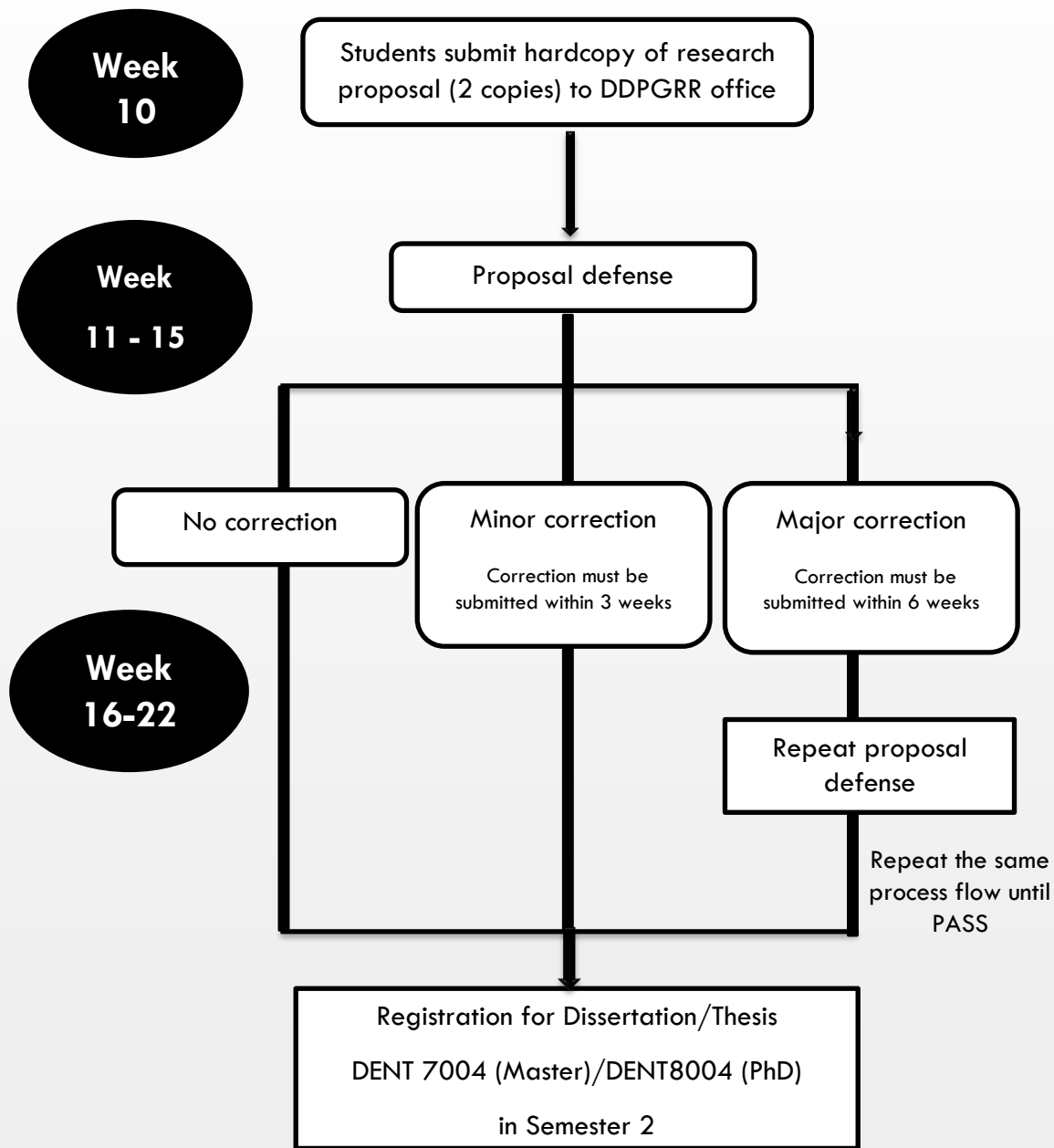
Timeline (PhD in Dental Sciences)



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

APPENDIX C

FIXED TIME-TABLE FOR PROPOSAL DEFENSE



CONTACT US

Office of Deputy Dean (Postgraduate)
Kulliyah of Dentistry
International Islamic University Malaysia
Indera Mahkota
25200 Kuantan
Pahang Darul Makmur

Contact Person : Assoc. Prof. Ts. Dr. Azlini Ismail
Deputy Dean
Postgraduate & Responsible Research and Innovation
+609 571 6400 ext. 5455
dr_azlini@iium.edu.my

Sr. Ilyana Shuhada Bt. Zainal Bidin
Asst. Administrative Officer
+609-5716400 ext: 5470
ilyanashuhada@iium.edu.my

Sr. Hani Munyati Binti Mohamed Sooudin
Administrative Assistant/PA to DDPGRI
+609 571 6400 ext. 5473
hunnyh@iium.edu.my

Assoc. Prof. Dr. Basma Ezzat Mustafa
Programme Coordinator
Doctor of Philosophy in Dental Sciences
+6013-9773204
drbasma@iium.edu.my

Assoc. Prof. Datin Ts. Dr. Khairani Idah Mokhtar
Programme Coordinator

Master of Dental Sciences
+60 13-9278770
drkhairani@iium.edu.my

