

# *CONTENTS*

1.	Phase I Introduction.....	2
2.	Administration.....	3
	a. Basic Medical Sciences- Office	
	b. Kulliyah Administrative Office	
	c. One Stop Student Centre (Wadi Budi)	
3.	Staff.....	4
	a. List of Academic Staff - Phase I	
	b. List of Non-Academic Staff – (BMS & PALM)	
4.	Approach of Phase I (Year 1 and Year 2) .....	7
	a. Objectives	
	b. Lectures	
	c. Practical Sessions	
	d. Team-Based Learning	
	e. Flipped Classroom	
	f. Clinical Skills/Clinical Correlation Sessions	
	g. Visits	
	h. Problem-based Learning (PBL)	
	i. Case-based Learning (CBL)	
	j. Directed Self-Learning	
	k. Student Seminar	
5.	Attendance/Medical Leave.....	12
6.	Facilities.....	12
	a. Medical Museum	
	b. Computer Laboratory	
	c. Library	
	d. IIUM Family Health Clinic	
	e. Sultan Ahmad Shah Medical Centre@ IIUM	
	f. Mosque and Sport Complex	
7.	Mentor-Mentee System.....	14
8.	IIMP Logbook.....	14
9.	Co-Curricular Activities.....	14
10.	Phase I Assessment System .....	16
	a. Block Assessment	
	b. Criteria for Promotion from Year 1 to Year 2	
	c. Remedial Examination	
	d. Promotion criteria for Year 2 to Year 3	
	e. Release of Examination Results	
	f. Maximum Study Period for Phase I	
	g. Awards	
11.	Policy on Examination.....	18
12.	Student Feedback.....	19
13.	Enquiries.....	20

# 1

## **PHASE I: INTRODUCTION**

*Assalamu'alaikum warahmatullahi wabarakatuh* and welcome to the Department of Basic Medical Sciences (BMS) and the Phase I of the IIUM medical programme. This is your first step of you becoming a compassion and competent doctor, *InshaAllah*.



During the first two years of Phase I preclinical activities, lecturers from the BMS will teach disciplines such as Anatomy, Physiology, Biochemistry, Microbiology, Immunology, Parasitology and Pharmacology. There is also involvement of the lecturers from the clinical departments such as Pathology& Laboratory Medicine (PALM), Community Medicine, Internal Medicine, Surgery, Obstetrics and Gynaecology, Orthopaedics, Paediatrics, Otolaryngology, Psychiatry etc. to introduce clinical relevance as part of this integrated curriculum. It lays the essential foundation of your undergraduate medical course with an in-depth insight into the theoretical aspects and prepares you for the clinical years (Phases II and III). We have very committed and excellent lecturers with strong academic qualifications in their respective disciplines to guide our Phase I students.

Apart from interactive lectures, we emphasize on student-centered learning activities such as self-study and group work. This program encompasses study strategies such as problem-based learning (PBL), case-based learning (CBL), students' seminars, practical classes, cadaver dissection and other group presentations to facilitate student-centred learning.

To assist students further with closer guidance in the early phase of the medical journey, a few monitoring methods such as the mentor/mentee sessions and Islamisation in Medical Program (IIMP) logbook are provided. Students can meet their mentors and seek advice on academic/social matters. Other facilities to support the students' needs include library, which provides light reading materials and newspapers in English for students who would like to further improve their language skills.

You are strongly urged to study diligently from the beginning of the program and revise your works regularly. Punctuality and attendance are of prime importance, so, try to manage your time well if you wish to keep abreast of your study and also involve in the extra-curricular activities in the Kuantan campus.

We wish you success and pray that all of you graduate as compassion and competent doctors, *Insyallah*.

**Asst. Prof. Dr. Yusoff Sharizal b. Yusoff Azmi Merican**  
**Head, Department of Basic Medical Sciences.**

# 2 ADMINISTRATION

## A. Basic Medical Sciences Office

The administration office of Phase I is in the Department of Basic Medical Sciences (BMS) and is located at level 2, Kulliyah of Medicine, Indera Mahkota Campus (IMC). The Head of the Department is Asst. Prof. Dr. **Yusoff Sharizal b. Yusoff Azmi Merican**. The administrative Assistant is Sr. Rabiatul Aqilah Abdul Razak. Students are encouraged to deal with this office for any matters relating to the department such as collecting timetables, confirmation of class or lectures, and returning of attendance sheets or other matters.

## B. Kulliyah Administrative Office

The Dean's Office is located in the main Administrative Office while the Deputy Dean's Office is next to it, at ground floor (Level 1), Kulliyah of Medicine, IMC.



Students undergoing Phase I may be dealing mostly with the Deputy Deans of Academic & Internationalisation and Student Development & Community Engagement only. Matters relating to the academic performance of students are taken care of by the Deputy Dean of Academic & Internationalisation, while matters relating to student activities, such as discipline, counselling, co-curriculum; and the Medical Students Association (MSC) are handled by the Deputy Dean Student Development & Community Engagement.

## C. One Stop Student Centre (Wadi Budi) - OSC

This unit is placed under the purview of the Deputy Campus Director (Student Development & Community Engagement), which aims to provide services and assistance to students under one roof. It takes care of student welfare such as application for scholarship, counselling services, financial advance, *khairat* and *zakat* application.

In addition, this unit is also responsible for screening applications and monitoring student activities. OSC is also involved in the registration of courses for other Kulliyah but not for Kulliyah of Medicine.

All academic matters for Kulliyah of Medicine (during Phase I) will be taken care of by the Department of BMS and the Deputy Dean of Academic & Internationalisation.

# 3 **STAFF**

The Department of BMS and Department of Pathology Laboratory Medicine (PALM) have Professors, Associate Professors, Assistant Professors and lecturers from various specialities in basic medical sciences such as Anatomy, Physiology, Biochemistry, Pharmacology, Hematology, Pathology, Immunology, Parasitology and Microbiology.

## **A. LIST OF ACADEMIC STAFF (BMS & PALM)**

### ***Anatomy/Histology***

- Assoc. Prof. Dr. Zunariah Buyong
- Asst. Prof. Dr. Yusuf Sharizal Yusuf Azmi Merican
- Asst. Prof. Dr. Hazulin Mohd Radzuan
- Asst. Prof. Dr. Shahida Saharudin
- Asst. Prof. Dr. Wan Muhamad Salahudin Wan Salleh
- Asst. Prof. Dr. Nurulhasanah Mustapar
- Dr. Khodijah Zulkiflee (Study leave)
- Dr. Faridah Ismail (Study leave)

### ***Physiology***

- Assoc. Prof. Dr. Roslina Abd Rahim
- Assoc. Prof. Dr. Maizura Mohd Zainudin
- Asst. Prof. Dr. Aszrin Abdullah
- Asst. Prof. Dr. Wan Fatein Nabeila Wan Omar
- Asst. Prof. Dr. Norbaiyah Mohd Bakrim
- Dr. Azril Shahreez Abdul Ghani (Study leave)

### ***Biochemistry***

- Prof. Dr. Sirajudeen Kuttulebbai Naina Mohamed Salam
- Asst. Prof. Dr. Noraihan Mat Harun
- Asst. Prof. Dr. Nurul Ashikin Muhammad Musa
- Dr. Mohd Afzal Alias (Study leave)

### ***Microbiology/Immunology***

- Prof. Dr. Mohamed Imad Al-Deen Mustafa Mahmoud
- Assoc. Prof. Dr. Hairul Aini Hamzah
- Asst. Prof. Dr. Hanan Hamimi Wahid
- Asst. Prof. Dr. Aniza Pakeer Oothuman
- Asst. Prof. Dr. Mohd Asyraf Abdull Jalil

### ***Parasitology***

- Prof. Dr. Md. Abdus Salam
- Asst. Prof. Dr. Soraya Ismail

### ***Pathology/Chemical Pathology/Haematology/Histopathology***

- Assoc. Prof. Dr. Nor Zamzila Abdullah (Head of PALM Department, Chemical Pathology)
- Assoc. Prof. Dr. Norlelawati A. Talib (Haematopathology)
- Asst. Prof. Dr. Asmah Hanim Hamdan (Histopathology)
- Asst. Prof. Dr. Azliana Abd Fuaat (Histopathology)
- Asst. Prof. Dr. Khairunnisa Ahmad Affandi (Histopathology)

- Asst. Prof. Dr. Norhidayah Kamarudin (Clinical Microbiology)
- Asst. Prof. Dr. Dhamirah Nazihah Mohd. Nasiruddin (Haematopathology)
- Asst. Prof. Dr. Sarah Abdul Halim ( Haematopathology)
- Dr. Nurdiyana Mohamed (Study leave – Clinical Microbiology)
- Dr. Wan Zurainah Sazali (Study leave – Chemical Pathology)
- Dr. Ra (Study leave - Haematology)

#### **Pharmacology**

- Assoc. Prof. Dr. Wael Mohamed
- Asst. Prof. Dr. Mohd Fadly Mohd Noor
- Asst. Prof. Dr. Nour El Huda Abd Rahim
- Asst. Prof. Dr. Hidayatul Radziah Ismawi

Lecturers from clinical departments such as the Departments of Psychiatry, Community Medicine, Internal Medicine, Surgery, Otolaryngology, Obstetrics & Gynaecology, Orthopaedics, Paediatrics, and Emergency Medicine, and Islamisation of Human Knowledge Unit are also involved in the teaching of Phase I. Clinical lecturers are invited to give specific lectures. From time to time, prominent guest lecturers from other medical institutions or hospital may be invited to give lectures.

Non-academic staff ensure the smooth running of the department teaching-learning activities. They are administrative and technical staff such as Administrative Assistant, Science Officer, Medical Laboratory Technologists (MLT), health attendant, and mortuary attendant.

### **B. List of Non-Academic Staff (BMS & PALM)**

#### **Name**

#### **Post/ Section**

- |                                   |  |
|-----------------------------------|--|
| ● Sr. Rabiatul Aqilah Abdul Razak | <i>Administrative Assistant (Personal Assistant, BMS)</i>  |
| ● Sr. Nur Aimi Binti Azman        | <i>Administrative Assistant (Personal Assistant, PALM)</i> |
| ● Br. Kyairul Anuar Jamaluddin    | <i>Medical Laboratory Technologist (BMS)</i>               |

#### **Science Officers**

- |                                 |  |
|---------------------------------|--|
| ● Sr. Nurhayati Bujang          | <i>Anatomy &amp; Medical Museum</i>                      |
| ● Sr. Madia Baizura Baharom     | <i>Microbiology/Parasitology/Physiology/Pharmacology</i> |
| ● Sr. Norsyafini Ahmad Marzuki  | <i>Biochemistry/Molecular/Proteomics</i>                 |
| ● Sr. Zatur Rawihah Kamaruzaman | <i>Pathology &amp; Laboratory Medicine</i>               |

#### **Senior Medical Laboratory Technologists**

- |                           |  |
|---------------------------|--|
| ● Br. Mohd Maizam Maideen | <i>Chief MLT/Anatomy &amp; Medical Museum</i>            |
| ● Br. Zulnizam Azdan      | <i>Microbiology/Parasitology/Physiology/Pharmacology</i> |
| ● Br. Aidil Azhar Dubi    | <i>Biochemistry/Molecular/Proteomics</i>                 |

## **Medical Laboratory Technologists**

### ***Anatomy & Medical Museum***

- Br. Mohd Maizam Maideen
- Br. Muhammad Faiz Miskam
- Br. Mohd Dhiyaulhaq Halim
- Br. Saiful Fairul Abu Bakar
- Sr. Radin Nur Masyitah Radin Gunawan

### ***Microbiology /Parasitology/Physiology/Pharmacology***

- Br. Zulnizam Azdan
- Sr. Hanizah Noor Awalludin
- Br. Mohd Qusyairi Azli Mohd Azhar
- Sr. Nor Zaimah Abdul Razak
- Br. Mohd Shariffuddin Hassan
- Sr. Nur Ismalieyana Mohd Nizam

### ***Biochemistry, Molecular & Proteomics***

- Br. Aidil Azhar Dubi
- Br. Azri Rasid
- Sr. Rina Dahari
- Sr. Khalisa Ahmad

### ***Histopathology & Haematopathology***

- Sr. Wan Norulkhamisa Wan Muda
- Sr. Nur Farhana Zulkefli

### ***Mortuary Attendants (Museum & Dissection Hall)***

- Br. Mohamad Awang
- Br. Naazrai Abdul Wahab
- Br. Muhammad Syafiq Said (Health Attendant)



# 4 **APPROACH OF PHASE I (YEAR 1 & YEAR 2)**

Phase I introduces students to the Basic Medical Sciences disciplines (Gross Anatomy, Histology, Embryology, Biochemistry, Physiology, Pathology, Microbiology, Immunology, Parasitology, Haematology and Pharmacology) in addition to Behavioural Sciences and Community Medicine. Phase I programme is expected to provide students with a sound foundation in Basic Medical Sciences prior to proceeding to the clinical phases - Phase II and Phase III (Year 3-5).

Islamic Input in Medical Programme (IIMP) is imbued in an integrated manner so that the students appreciate the relevance of each of the disciplines. **The medium of instruction for all academic activities is English.**

Phase I is divided into eight blocks (four blocks/year). Each year comprises four blocks which are mainly managed by Block Coordinators from the Department of BMS & PALM.

Year 1 Coordinator :	Asst. Prof. Dr. Wan Fatein Nabeila Wan Omar
Year 2 Coordinator :	Asst. Prof. Dr. Shahida Saharudin
BMS Laboratory Coordinator :	Asst. Prof. Dr. Wan Muhamad Salahudin Wan Salleh
PBL Coordinator of Year 1 :	Assoc. Prof. Dr. Zunariah Buyong
PBL Coordinator of Year 2 :	Asst. Prof. Dr. Aniza Pakeer Oothuman
IIMP Coordinator :	Asst. Prof. Dr. Norbaiyah Mohamed Bakrim
Seminar Coordinator:	Asst. Prof. Dr. Noraihan Mat Harun
Mentor-mentee Coordinator:	Asst. Prof. Dr. Hidayatul Radziah Ismawi

<b><i>Block</i></b>	<b><i>Block Coordinators</i></b>
Year 1 Block 1	Asst. Prof. Dr. Nurul Ashikin Muhammad Musa
Year 1 Block 2	Asst. Prof. Dr. Nurulhasanah Mustapar
Year 1 Block 3	Asst. Prof. Dr. Hanan Hamimi Wahid
Year 1 Block 4	Asst. Prof. Dr. Aniza Pakeer Oothuman
Year 2 Block 1	Asst. Prof. Dr. Norbaiyah Mohamed Bakrim
Year 2 Block 2	Asst. Prof. Dr. Noraihan Mat Harun
Year 2 Block 3	Asst. Prof. Dr. Wan Muhamad Salahudin Wan Salleh
Year 2 Block 4	Asst. Prof. Dr. Hidayatul Radziah Ismawi

## **A. Objectives**

### **Expected Knowledge**

We would like our students to have a good foundation in the basic medical science subjects to be compassion and competent doctors. Therefore, our students should:

- be able to describe the structure and functions of the various organ systems in the body as well as the pathophysiology, basic pathology and the clinical features of the common/important diseases of the various organ systems (cardiovascular, respiratory, haemopoietic, alimentary, hepatobiliary, endocrine, reproductive, renal, musculoskeletal and central nervous systems)
- know the principles of basic laboratory investigations that are usually performed when investigating common/important diseases
- be able to perform and interpret simple laboratory tests
- develop good communication skills
- acquire a good foundation in Behavioural Science, Biostatistics, Epidemiology, Community Health and Medical Sociology.

### **Attitude and Knowledge**

We would like our students to develop excellent attitude towards study, and life in the campus. This is an essential trait of a doctor. In order to do that, we would like you to:

- develop the ability to do self-directed learning
- acquire appropriate attitude and professional behaviour
- develop appropriate communication skills
- develop critical reasoning and thinking skills

The medical programme uses traditional, independent-learning and interactive methods of imparting knowledge such as interactive lectures, practical classes, flipped classroom, team-based learning, problem-based Learning (PBL), case-based learning (CBL), clinical correlations, hospital visits, student seminars, directed self-learning, medical museum sessions and clinical skill laboratory sessions. Timetable for academic activities will be distributed to students before the commencement of each block. Interactive class schedules should not be changed unless agreed by the block coordinators.

## **B. Lectures**

Interactive sessions, face-to-face learning, for Year 1 are conducted in Lecture Hall 1 which is located on the ground floor (Level 1). Lecture topics mainly focus on Basic Medical Sciences which are taught in an integrated approach. The courses include Normal Structure and Function of Human Cells, Tissue and Body Systems, Normal Response and Process to Disease States, Body Reactions to Physical, Chemical and Biological agents, and Structure and Function in Normal and Diseased States, and Behavioural Sciences.

In Year 2, the focus is on specific body systems which applies the knowledge that students have gained in Year 1. Biostatistics & Epidemiology subjects and other relevant clinical topics are delivered in the blocks according to their theme. The courses in Year 2 include cardiovascular, respiratory, blood and blood-forming organs, the alimentary and hepatobiliary systems, the endocrine, reproductive, urinary, locomotor and nervous systems.



Students will get a **Student Study Guide** at the beginning of each block, which contains details of the course of the block such as the course code, summary of the course, name of lecturers, lecture topics and their learning outcomes, as well as the lists of reference books.

### **C. Practical sessions**

Practical sessions are conducted to complement and supplement lectures. There are ten fully equipped multidisciplinary laboratories at Level 2 of the Kulliyyah of Medicine building. Students are divided into groups to facilitate the conduct of experiments and procedures. These activities are facilitated by lecturers from the respective disciplines and Medical Laboratory Technologists. **The use of a laboratory white coat is compulsory during practical sessions** and students are required to comply with all the safety precautions in the laboratory.

At the end of each practical session, students may be required to do practical reports or complete assignments as instructed by the lecturers. Laboratory activities include cadaver dissection (for anatomy), experiments (for Physiology, Biochemistry, Haematology, Pharmacology, Immunology, Microbiology and Parasitology), specimen display (for Histopathology, Haematology, Microbiology and Parasitology) and microscopy teaching (for Histology, Histopathology, Haematology and Parasitology).

### **D. Team-Based Learning**

Team-based learning is held on a regular basis covering certain topics of disciplines covered in lectures. Students will form small groups learning and account specific steps, including pre-class preparation, readiness assurance testing, problem-solving activities, and immediate feedback. A short quiz/test is held to facilitate discussions.

### **E. Flipped Classroom**

Flipped classroom is an instructional strategy and a type of blended learning, which aims to increase student engagement and learning by having students' complete readings at home and work on live problem-solving during class time. Activities in the classroom will be guided by the lecturer which may include discussion, quizzes and short assignments.

### **F. Clinical Skills Training / Clinical Correlation Sessions**

Five sessions of clinical skill which consist of physical examination are conducted in Year 1. The sessions are performed in small groups. Meanwhile, clinical correlation classes are held to show some important clinical conditions. In the class, patients from Sultan Ahmad Shah Medical Centre (SASMEC@IIUM) are brought into the classroom or lecture hall and the lecturer discusses the cases. A briefing will be done on this aspect.

### **G. Visits to SASMEC@IIUM**

Students are occasionally taken to visit various departments in SASMEC@IIUM. In Year 1 Block 4, students visit Central Sterilization Store Department (CSSD) to learn about sterilization procedures which are related to the Microbiology discipline. Apart from that, students will also have the opportunity to visit the transfusion unit and diagnostic laboratories during Year 2.

## **H. Problem-Based Learning (PBL)**

PBL is a form of student-centred learning through a problem-case approach. PBL sessions are organized for every block in a small group consisting of 10-12 students. It is carried out once a week. In general, four PBL topics are discussed in each block (except Year 1 Block 1) and each PBL topic will be discussed in two sessions (two hours per session). During each session, students appoint a chairperson to conduct the discussion and a scribe to write down salient points.

Lecturers act as facilitators to observe and guide the discussion. It is compulsory for every student to actively participate in the discussion. Trigger 1 is given to students at the beginning of the first session followed by the other three triggers. Chosen topics are cases of medical conditions related to the running course. At the end of the discussion, students are required to arrive at a final diagnosis and conclusion. Each student is assigned a task to be discussed in the next session. In session 2, students will present their assignment reports and continue the discussion of the case.

Students are assessed individually and also as a group based on their knowledge, task performance, communication skills, and attitude. **This continuous assessment contribute to 10% of the End of Block Examination.** A briefing will be done on this aspect.

## **I. Case-Based Learning**

Case-based learning (CBL) is a simpler form of student-centred learning similar to PBL conducted in Year 2. Students are given a case and tasks in advance to be discussed with facilitators in a single two hours session. Students are required to discuss their findings during the synchronous session with facilitators.

Students are assessed similar to the PBL assessment. Together with PBL marks, **the average mark will contribute 10% to the End of Block Examination.**

## **J. Directed Self-Learning (DSL)**

A number of topics in each discipline are selected for DSL. In each session, students are guided to find the information on their own using available resources such as books, the internet, journals etc. The subject covered in DSL are assessed in the examination.

## **K. Student Seminar**

In Phase I, each student work in a small group to produce an interesting and good presentation. Students are divided into groups of 4-6 to work on an assigned topic of current medical relevance. **Each student is required to present only once during the two years.**

Topics are assigned at the start of Phase 1. A supervisor-cum-advisor is assigned to each group. Students are required to search for materials on their own from libraries, local bodies and experts outside the Kulliyah. Each student is to present a part of the topic in a formal manner. Techniques of good presentation are stressed. Assessors evaluate student on task performance, coverage of topic, communication skills, presentation and overall group effort.



# 5 **ATTENDANCE / MEDICAL LEAVE**

The attendance coordinator is Asst. Prof. Dr Aszrin Abdullah. Attendance of lectures, practicals, PBLs, student seminars and other academic activities is **compulsory**. Students with poor attendance records may be called up and action is taken accordingly.

Attendance is closely monitored by the coordinator. Students who are sick must submit their medical leave certificates to the BMS office. **Acceptable medical leave certificate (MC) is from IIUM Family Health Clinic or SASMEC**, however, MC from other health facilities must be verified by FHC.

Students with poor attendance (absence of 20% or more) may be barred from sitting from the End of Block examination.

# 6 **FACILITIES**

## **A. Medical Museum**

The museum is equipped with charts and illustrations in Anatomy, Histology, Microbiology, Immunology, Pathology, Haematology, Parasitology and Forensic Pathology. This is another area of student independent study. There are over 156 pots (with case write-up on them) of pathological specimens, 19 adult cadavers, 3 baby cadavers, and 120 anatomical models. There are also potted specimens of poisonous snakes of Malaysia, *Ascaris* intestinal blockage, fetuses, etc. Microscopes and boxes of specimens (Histology, Pathology, Parasitology) are also placed for students to do independent study.

## **B. Computer Laboratory**

A computer laboratory is located at Level 2, Kulliyah of Medicine building, Indera Mahkota Campus (IMC). This laboratory is equipped with computers and internet facility. It is open to students on working days. Students are required to register their name and necessary details in the Computer Lab Log Book before use, and abide to the rules and regulations of the Computer lab.

## **C. Library**

The Dar-Al Hikmah Library (Kuantan) is located behind Kulliyah of Medicine building at the Indera Mahkota Campus. This library caters for the need of all Kulliyahs in Kuantan Campus.

The library has a large collection of materials in various formats such as books, serials, audio-visuals and electronic materials. In addition to providing access to the internet, the library also subscribes to many full-text online databases and electronic journals. The library uses the Library of Congress List of Subject Headings and Classification Scheme to organize its collections.

The library also has some light reading material in English and newspapers. Membership is open to all students and academic staff of IIUM. Acceptance of others as external members is upon the advice of the Chief Librarian.

Please refer to the library website for the other related information at <https://www.iium.edu.my/division/lib>

#### **D. IIUM Family Health Clinic (FHC)**

IIUM Family Health clinic is located opposite Sultan Haji Ahmad Shah Medical Centre @IIUM (SASMEC@IIUM). The clinic is open from 8.00 am until 5.00 pm from Monday to Friday. The clinic is closed on Saturday, Sunday and public holidays.

FHC provide services for non-emergency medical cases only. In case of emergency, students should directly go to the Emergency Department of SASMEC@IIUM or Tengku Ampuan Afzan Hospital, Kuantan. Students should not contact specialist of the Kulliyah directly, but must be referred by doctors on duty in FHC.

#### **E. Sultan Ahmad Shah Medical Centre @IIUM (SASMEC@IIUM)**

Sultan Haji Ahmad Shah Medical Centre @IIUM (SASMEC@IIUM) is the IIUM teaching hospital. It is located beside Sultan Haji Ahmad Shah Mosque. There are nearby convenience shops, hotels, cafés, musolla, and playgrounds available to accommodate the needs of the visitors.

#### **F. Mosque and Sports Complex**

Sultan Haji Ahmad Shah Mosque is strategically located near the main entrance and teaching hospital. It is accessible to staff, students and the surrounding community to perform prayers and attend activities organised by the mosque.

The IIUM Kuantan Sports Complex provides various indoor, outdoor and aquatic facilities. Students are encouraged to participate in competitive sports and recreation organised by the Sports Development Department.



# 7 **MENTOR/MENTEE SYSTEM**

In Phase 1, a lecturer is appointed as a mentor to 5-6 students (mentees) whom students can meet to discuss their academic or non-academic matters. Mentors may offer invaluable life advice on coping in the campus. Mentors also ensure that each student's IIMP logbook is up to date. In general, there are two meetings in each block at the start and middle of the block. Mentors are prohibited from sharing exact marks of the students, but may discuss the results in general for guidance.

**Students may request to see OTHER lecturers for assistance as well.**

**Students are requested to seek ADVICE QUICKLY if they are facing any major problems.**

# 8 **IIMP LOGBOOK**

Each student receives an IIMP logbook at the start of Phase 1 to complete and update periodically throughout the 5-year MBBS course. The purpose of IIMP logbook is to reflect on students' understanding and insight for each IIMP lecture and seminar. Students need to write a brief summary of their reflection for each IIMP lecture and seminar in the logbook. This IIMP logbook must be submitted to the mentor by Week 8 of each block and the mentor may give some feedback during the mentor mentee meetings. Students are also encouraged to record the Mentor-Mentee activities in the IIMP Logbook for documentation.

# 9 **CO-CURRICULAR ACTIVITIES**

IIUM has introduced various modules and programmes for co-curricular packages. All courses and subjects are meant to develop student vision, personality and skills. Basically, in IIUM Kuantan Campus, all Muslim students in Phase I are compulsory to sit for the Fundamental Knowledge Test. If they pass this test, they will directly go to *Halaqah* until the end of the first year. Those who fail the Fundamental Knowledge Test, should register for *Fardhu 'Ain* module. Once they finish this module, they should register directly in *Halaqah* until the end of the first year. (who can verify these content ?)

In Year 2, all students have to enrol in Public Speaking Module during the first two blocks and for the next two blocks, they have to enrol in Family Management and Parenting Module. Students who would like to join *Tahfiz* programme can register after undergoing an interview session.

The student who registers in the *Tahfiz* package are exempted from registering in *Halaqah* and should join the other levels of *Tahfiz*. The details on co-curricular packages and programmes will be discussed in detail in a briefing session by the One Stop Student Centre (Wadi Budi) officer during orientation week.

For further information regarding compulsory subjects, please contact Office of Student Development & Community Engagement.



# 10 PHASE I ASSESSMENT SYSTEM

## A. Block Assessment

In Phase I (Year 1 and 2) students are assessed at the end of each block. Hence there are a total of **8 End of Block Examinations** in Phase I; 4 in Year 1 and 4 in Year 2.

The assessment consists of:

COMPONENT	WEIGHTAGE
• Continuous Assessment	30%
• End of Block Examination	70%
TOTAL	100%

The continuous assessment consists of **mini tests, problem-based learning, and case-based learning (for Year 2) evaluation** in the respective blocks.

The components of the Continuous Assessment in Phase I are as follow:

COMPONENT	NO. OF QUESTIONS	MARKS	WEIGHTAGE
Mini Test			
• MTF	30	75	20%
• OBA	10	25	
• Data & Picture Test	20	50	
PBL/CBL Assessment			10%

\* MTF = Multiple True False; OBA = One Best Answer

The format of questions for the End of Block Examination in Phase I is as follows:

FORMAT OF QUESTIONS	NO. OF QUESTIONS	MARKS	WEIGHTAGE
Multiple Choice Questions			
• MTF	40	100	70%
• OBA	20	50	
Short Notes			
• Short Notes 1	5	50	70%
• Short Notes 2	5	50	
MEQ	4	100	
OSPE	20	100	
TOTAL		450	

\* MTF = Multiple True/False; OBA = One Best Answer; MEQ = Modified Essay Questions;

\* OSPE = Objectively Structured Practical Examination.

The final result of the examination is stipulated in percentage (with no decimal point) as the composite mark of the Continuous Assessment and End of Block Examination.

The criteria for passing the End of Block Examination in Phase I are as follow:



- a. In order to pass the examination, a student must attain a final mark of  $\geq 50\%$ .
- b. A student is awarded Distinction if the final mark is  $\geq 80\%$ .
- c. A student who obtains a final mark of  $< 80\%$  but  $\geq 75\%$  can be upgraded to Distinction by the Board of Examiners. The criteria to be considered by the Board of Examiners for upgrading include general performance of the student throughout the block and input from the head of department/supervisor/mentor.

#### **B. Criteria For Promotion From Year 1 To Year 2**

A student can be promoted from Year 1 to Year 2, if he/she fulfills the following criteria:

- a. Pass all four (4) End of Block Examinations (EBE) in Year 1: or
- b. Fail in any of the EBE (maximum of 4 blocks) in Year 1 and pass ALL the subsequent Remedial Examinations.

#### **C. Remedial Examination**

The Remedial Examination is held at the end of the Year 1 & Year 2 Remedial Period. The format of the examination is similar to that of the End-of-Block Examination carrying 100% weightage.

The criteria for passing the Remedial Examination in Phase I are as follow:

- a. In order to pass the examination, a student must attain a final mark of  $\geq 50\%$ .
- b. A student who obtains a final mark of  $< 50\%$  is considered to have failed the examination.

A student who fails any of the Year 1 Remedial Examinations will have to repeat Year 1.

#### **D. Promotion criteria for Year 2 to Year 3**

A student can be promoted from Year 2 to Year 3, if he/she fulfills the following criteria:

- a. Pass all the four (4) End of Block Examinations (EBE) in Year 2: or
- b. Fail in any of the EBE (maximum of 4 blocks) in Year 2 and pass ALL the subsequent Remedial Examinations held at the end of the Year 2.

A student who fails any of the Year 2 Remedial Examinations will have to repeat Year 2.

#### **E. Release of Examination Results**

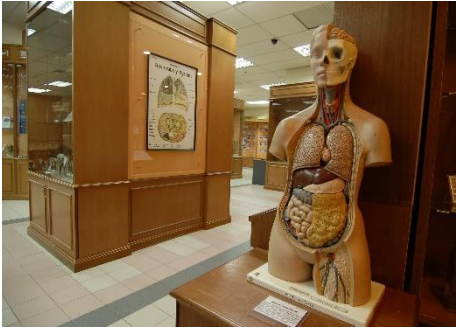
The Mini-test results will be notified by the department and the End-of-Block Examination results are accessible in the *iMa'luum* student portal. However, the University reserves the right to withhold the course result of a student based on the recommendation of the relevant University authority.

#### **F. Maximum Study Period for Phase I**

The maximum period permitted for a student to complete Phase I of the Medical Programme is three (3) years. Therefore, a student is allowed to repeat only once, either Year 1 or Year 2.

#### **G. Awards**

The Kulliyah of Medicine will award the best student/s who obtain the highest marks in Phase I.



# ***11*** . ***POLICY ON EXAMINATION***

Policy and regulations of examination is stated in The Student Academic Performance Evaluation (Undergraduate) Regulations (SAPER). Student can access the pdf file of SAPER in the AMAD website (<https://www.iiu.edu.my/division/amad/saper-2021>).

Under clause no.30, it is stressed that a student is not allowed to be absent from an End-of-Block Examination without a valid reason acceptable to the Dean of Kulliyah.

# 12 **STUDENTS FEEDBACK**

At the end of each block, students are invited to give positive feedback regarding the teaching and the programme. This is to ensure that the Department of BMS is able to improve in areas where it is deemed necessary.

## POWER TO HEAL

Praise to Almighty  
For blessings galore  
To low and mighty  
A gift to explore.

Deep in a humble seed  
Sleeps an immense tree.  
Deep in a green weed  
Rests edible energy free.

Sown in your flesh  
Seed to heal man's ills.  
So grow and flourish  
Be a tabib with pills.

Noblest of the noble  
A profession famed  
To heal much trouble  
To help the maimed.

Though abundant it seem  
Seek knowledge with speed  
Empower and be supreme  
For the greatest of deed.

*~written for medical students~*

*by:*

*Prof. Dr. Pakeer Oothuman Syed Ahamed  
(former Head of Department, BMS)*

# 13 **ENQUIRIES**

Should there be any inquiry, please contact:

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# ***HOW TO STUDY***

Study is your own experience. Try to study with fellow students who are doing well. Form Study Groups. Discuss difficult concepts with others and it will help you remember them better. The more time you spend concentrating on the subject, the better will be your recall.

## ***Active studying:***

- Use your eyes (see it), ears (say it), mouth (speak it), feel (touch it) and write it.
- Keep repeating regularly. It will be stuck in your memory.
- Shorten long sentences to small – it helps to remember.
- Read difficult things over and over at different times.
- We remember what we like- like study.

## ***Memory Characteristics***

- Writing things helps to remember long.
- Make it as if it is easy and useful for you.
- Link or join facts with what you like.

## ***Active Study Techniques***

- make lists and use mnemonics to memorize them
- write study notes
- make charts
- make jigsaws, pin on labels to study diagrams and maps
- practice what you have studied
- study with a partner!

## ***Methods of Study***

- Cover and test method: good for spelling, definitions, vocabulary lists, etc.
- Read the material; Cover the material; either say it or write it; Check to see which facts you omitted; Cover and repeat.
- Studying with a partner
- Recite aloud
- Over-learning: you will over-learn and never forget!
- Study Notes: systematically

## ***Be a Teacher -- Test Yourself***

Effective study method is to prepare and then answer your own questions.

- Study your notes well.
- Prepare questions which you think the teacher could ask on the test. Use past Questions.
- Without looking at your notes, answer the questions.
- Use you notes to "mark" your test.
- Correct your errors.
- If you have a friend in the same course, do each other's tests.

SQ4R Study Method: Survey: Preview the book: table of contents, index, etc. Question: Change chapter and sectional headings to questions. Read: Keep the questions in mind as you read and attempt to answer them: Recall: Think about what you just read, try recall; Write: list major ideas and clues and answers to the Qs; Review: Examine your answers, correct or fill in more detail.



## **IF** by Rudyard Kipling

If you can keep your head when all about you  
Are losing theirs and blaming it on you;  
If you can trust yourself when all men doubt you,  
But make allowance for their doubting too;  
If you can wait and not be tired by waiting,  
Or, being lied about, don't deal in lies,  
Or, being hated, don't give way to hating,  
And yet don't look too good, nor talk too wise;

If you can dream - and not make dreams your master;  
If you can think - and not make thoughts your aim;  
If you can meet with triumph and disaster  
And treat those two imposters just the same;  
If you can bear to hear the truth you've spoken  
Twisted by knaves to make a trap for fools,  
Or watch the things you gave your life to broken,  
And stoop and build 'em up with worn out tools;

If you can make one heap of all your winnings  
And risk it on one turn of pitch-and-toss,  
And lose, and start again at your beginnings  
And never breath a word about your loss;  
If you can force your heart and nerve and sinew  
To serve your turn long after they are gone,  
And so hold on when there is nothing in you  
Except the Will which says to them: "Hold on";

If you can talk with crowds and keep your virtue,  
Or walk with kings - nor lose the common touch;  
If neither foes nor loving friends can hurt you;  
If all men count with you, but none too much;  
If you can fill the unforgiving minute  
With sixty seconds' worth of distance run -  
Yours is the Earth and everything that's in it,  
And - which is more - you'll be a Man my son!