



PHASE 1 GUIDE

2021/2022

DEPARTMENT OF BASIC MEDICAL SCIENCE (BMS)
KULLIYAH OF MEDICINE
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
KUANTAN, PAHANG DARUL MAKMUR

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1 **PHASE 1: INTRODUCTION**

Assalamu'alaikum warahmatullahi wabarakatuh and welcome to the Department of Basic Medical Sciences (BMS) and the Phase 1 of the IIUM medical programme. This is your first step of you becoming a doctor, *Insyallah*.



During the first two years, 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, Community Medicine, Internal Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics, and Psychiatry, to name a few. Clinical relevance is introduced as part of this integrated curriculum which may lay the foundation of your undergraduate course. It gives an insight into the theoretical aspect as well as clinical training that are required for the clinical years (Phases II and III). We have excellent lecturers with strong academic qualifications in their respective disciplines to guide our Phase 1 students.

Apart from interactive lectures, we emphasize on self-study and group work. This is achieved with study strategies such as problem-based learning (PBL), students' seminars, practical classes, cadaver dissection and other group presentations. Students are also encouraged to form congenial study groups other than PBL and practical groupings.

To assist students who may need closer guidance in the early phase of the medical journey, a few monitoring methods such as the mentor/mentee system, reflective writing and Islamisation in Medical Practice logbook are provided. Students can meet their mentors and seek advice on academic/social matters. Other facilities to support the students' needs such as the 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 onset and revise work regularly. Punctuality and attendance are of primary importance. 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 noble doctors, *Insyallah*.

Prof. Dr. Sirajudeen Kuttulebbai Naina Mohamed Salam
Head, Department of Basic Medical Sciences.

2 ADMINISTRATION

A. Basic Medical Sciences Office

The administration office of Phase 1 will be in the Department of Basic Medical Sciences (BMS) and is located at level 2 of the Kulliyah of Medicine building, Indera Mahkota Campus (IMC). The Head of Department is Prof. Dr. Sirajudeen Kuttulebbai Naina Mohamed Salam. 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. Announcements for students and mini test results will be posted at the notice board located near this office.

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, on the ground floor (Level 1) of Kulliyah of Medicine building, IMC.



Students undergoing Phase 1 may be dealing mostly with the Deputy Deans of Academic & Industrial Linkages and Student Development & Community Engagement only. Matters relating to academic performance of students are taken care of by the Deputy Dean Academic & Industrial Linkages, while matters relating to student activities, such as discipline, counseling, 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 of scholarship, counselling services, financial advance, *khairat* and *zakat* application.

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

All academic matters for Kulliyah of Medicine (during Phase 1) will be taken care of by the Department of Basic Medical Sciences and the Deputy Dean Academic & Industrial Linkages.

3 **STAFF**

The BMS and PALM have Professors, Associate Professors, Assistant Professors and lecturers from various specialties in basic medical sciences such as Anatomy, Physiology, Biochemistry, Pharmacology, Pathology, Immunology, Parasitology and Microbiology.

A. LIST OF ACADEMIC STAFF (BMS & PALM)

Anatomy/Histology

- Asst. 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
- Dr. Khodijah Zulkiflee (Study leave)
- Dr. Faridah Ismail (Study leave)

Physiology

- Assoc. Prof. Dr. Roslina Abd Rahim
- Asst. Prof. Dr. Aszrin Abdullah
- Asst. Prof. Dr. Maizura Mohd Zainudin
- 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
- Dr. Nurul Ashikin Muhammad Musa (Study leave)
- 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
- Dr Mohd Asyraf Abdull Jalil (Study leave)

Parasitology

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

Pathology/Chemical Pathology/Haematology/Histopathology

- Prof. Dr. Naznin Muhammad (Haematopathology)
- Assoc. Prof. Dr. Norlelawati A. Talib (Head of PALM Department, Haematopathology)
- Assoc. Prof. Dr. Nor Zamzila Abdullah (Chemical Pathology)
- 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)
- Dr. Sarah Abdul Halim (Study leave - Haematopathology)
- Dr. Nurdiyana Mohamed (Study leave – Clinical Microbiology)
- Dr. Wan Zurainah Sazali (Study leave – Chemical Pathology)

Pharmacology

- Asst. 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 and Obstetrics & Gynaecology, Orthopaedics are also involved in the teaching of Phase I. Clinical lecturers are invited to give specific lectures. Their names are listed in the Student Undergraduate Prospectus. From time to time, prominent guest lecturers from other medical institutions and Hospital Tengku Ampuan Afzan (HTAA) will also 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 and Medical Laboratory Technologists (MLT).

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

Name

Post/ Section

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

Science Officers

- | | |
|---------------------------------|--|
| ● Sr. Nurhayati Bujang | <i>Anatomy & 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 & Laboratory Medicine</i> |

Senior Medical Laboratory Technologists

- | | |
|---------------------------|--|
| ● Br. Mohd Maizam Maideen | <i>Chief MLT/Anatomy & 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

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

Biochemistry, Molecular & Proteomics

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

Histopathology & Cytogenetic

- Sr. Wan Norulkhamisa Wan Muda
- Br. Mohd Hanif Mohd Kasmuri

Mortuary Attendants (Museum & Dissection Hall)

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



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

The Phase 1 introduces students to the Basic Medical Sciences (Gross Anatomy, Histology, Embryology, Biochemistry, Physiology, Pathology, Microbiology, Immunology, Parasitology, Haematology and Pharmacology) in addition to Behavioural Sciences and Community Medicine. The Phase 1 of the 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 of all academic activities is English.**

The Phase 1 is divided into 8 blocks (4 blocks/year (refer to Kulliyah of Medicine Prospectus). Each year comprises four blocks which are mainly managed by Block Coordinators from the Department of BMS & PALM.

| | |
|------------------------------|--|
| Year 1 Coordinator : | Asst. Prof. Dr. Hidayatul Radziah Ismawi |
| Year 2 Coordinator : | Asst. Prof. Dr. Noraihan Mat Harun |
| BMS Laboratory Coordinator : | Asst. Prof. Dr. Mohd Fadly Mohd Noor |
| PBL Coordinator of Year 1 : | Asst. Prof. Dr. Zunariah Buyong |
| PBL Coordinator of Year 2 : | Asst. Prof. Dr. Aniza Pakeer Oothuman/Prof. Dr. Md Abdus Salam |
| IIMP Coordinator : | Asst. Prof. Dr. Norbaiyah Mohamed Bakrim |
| Seminar Coordinator: | Asst. Prof. Dr. Wan Fatein Nabeila Wan Omar |
| RTL Assessment Coordinator: | Asst. Prof. Dr. Norbaiyah Mohamed Bakrim |

| <i>Block</i> | <i>Block Coordinators</i> |
|---------------------|---|
| Year 1 Block 1 | Asst. Prof. Dr. Maizura Mohd Zainudin |
| Year 1 Block 2 | Asst. Prof. Dr. Wan Fatien Nabiela Wan Omar |
| Year 1 Block 3 | Asst. Prof. Dr. Shahida Saharudin |
| Year 1 Block 4 | Asst. Prof. Dr. Nurulhasanah Mustapar |
| Year 2 Block 1 | Asst. Prof. Dr. Hanan Hamimi Wahid |
| Year 2 Block 2 | Asst. Prof. Dr. Wael Mohamed |
| Year 2 Block 3 | Asst. Prof. Dr. Wan Salahudin Wan Salleh |
| Year 2 Block 4 | Asst. Prof. Dr. Aniza Pakeer Oothuman |

A. Objectives

Expected Knowledge

- A good foundation in the basic medical science subjects (Anatomy, Histology, Biochemistry, Physiology, Pathology, Microbiology, Immunology, Parasitology, Haematology and Pharmacology)
- 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 skill
- 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, tutorials, Problem-Based Learning (PBL), case discussion, 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 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 modules include normal structure and function of human cell, tissue and body systems, normal response and process to disease states, body reactions to physical, chemical and biological agents.

In Year 2 the focus will be on specific body systems which apply the knowledge that they have gained in the Year 1. Biostatistics & Epidemiology subjects and other relevant clinical topics will be delivered in the blocks according to their theme.

The modules in Year 2 include cardiovascular, respiratory, blood and blood forming organs, the alimentary and hepatobiliary systems, the endocrine, reproductive, urinary, locomotor and nervous systems.

C. Practical sessions

Practical sessions are conducted to complement and supplement lectures. There are 10 fully equipped multidisciplinary laboratories at the Level 2 of 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 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 as needed 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). **Selected laboratory assignment reports contribute to 5% of the continuous assessment marks for the First Professional Examination at the end of Year 2.**

D. Tutorial Classes

Tutorials are held on a regular basis covering the main topics of disciplines covered in lectures. A short quiz/test may be held to facilitate discussions.

E. Clinical Skills Training / Clinical Correlation Sessions

Several sessions of clinical skill which consist of history taking and physical examination will be conducted in Year 1. The sessions will be performed in smaller 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.

F. Visits

Students are occasionally taken to visit various departments in SASMEC@IIUM. In Year 1, students will be divided into small groups and they will take turns to visit the hospital. The visits are conducted by the Medical Education Unit. Apart from that, student will also have the opportunity during their posting in Year 2 and in Block 3 of Year 1 to learn about routine diagnostic and procedure. These are related to disciplines of Microbiology and Haematology.

G. Problem Based Learning (PBL)

PBL is a form of student-centered learning through 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. Normally, 4 PBL topics will be discussed in a block and each PBL topic will be discussed in 2 sessions (2 hours per session). During each session, students will have to appoint a chairperson to conduct the discussion and a scribe to write down salient points.

Lecturers act as facilitators and they will observe and guide the discussion. It is compulsory for every student to participate in the discussion. Trigger 1 will be given to students at the beginning of session 1 followed by the other 3 triggers. Chosen topics are cases of medical condition related to the subject of the current running block. At the end of the discussion, students will have to arrive at a final diagnosis and conclusion. Each student will be 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 will be assessed by the lecturer individually and also as a group based on their communication skills, participation in discussion, leadership skills and attitude. **The average mark will contribute 10% to the end of block examination.** Students are encouraged to participate actively. A briefing will be done on this aspect.

H. Case Discussion

Case Discussion is also a form of student-centered learning just like PBL but simpler, and only for Year 2 students. However, in case discussion, students will be given a case in advance to be discussed with facilitators in a single session. Students will have to answer the questions given in their respective group and only present their findings during the session with facilitators.

Students will be assessed similar to PBL assessment. Together with PBL marks, **the average mark will contribute 10% to the end of block examination.**

I. Directed Self-Learning (DSL)

Some important topics in each discipline will be selected for DSL. In each session, students are guided to find the information on their own using the available resources such as books, internet, journals etc. The subject covered in DSL will be tested in the examination.

J. Student Seminar

In Phase I, each student has to work in a group to produce an interesting and good presentation. Students are divided into groups of 4-5 and a topic of current medical relevance (ie: alternative medicine, history of medicine, molecular techniques, etc) is assigned to them. **Each student is required to present only once during the two years.**

Topics are given early in the block in order to give sufficient time to prepare. Students can also suggest topics for consideration of the Department. A supervisor-cum-advisor is assigned to each group. Students are required to do search for materials on their own from libraries, from 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. Lecturers will evaluate student presentation on content, skills of presentation and clarity of the facts.

Marks scored are included as part of continuous assessment (5%) for the professional examination at the end of Year 2.



5 **ATTENDANCE / MEDICAL LEAVE**

The lecturer-in-charge of the attendance matter is Asst. Prof. Dr Aszrin Abdullah. Attendance to lectures, practical, PBLs, student seminars and other academic activities is compulsory. Students with poor attendance records may be called up and may be barred from taking exams.

Remote Teaching & Learning Phase

Attendance will be recorded by the lecturer-in-charge using the designated teaching platform feature.

Hybrid Teaching & Learning Phase

The class will be divided into 2 groups (Group A and Group B) according to their PBL grouping. Attendance to lectures either via face to face or online will be alternately rotated every week. The class leader is responsible to distribute the attendance sheet for the students who are attending face to face and to submit them to the BMS office. Those who are attending the classes online will sign their attendance via the i-attend link provided.

Attendance will be closely monitored by the lecturer-in-charge. **Students who are sick must submit their medical leave certificate to the BMS office. Medical leave certificate from IIUM Family Health Clinic, government hospital or clinic; private clinic is acceptable but it has to be endorsed by the Head, Department of Basic Medical Sciences.**

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. In addition, the collections are being done continuously. 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 the Level 2, Kulliyyah of Medicine building, Indera Mahkota Campus (IMC). This laboratory is equipped with computers and internet facility. It is opened to students every working day. Students are required to register their name and necessary details in the Computer Lab Log Book every time they want to use the computer and they are bound to rules and regulation of the computer Lab.

C. Library

The Dar-Al Hikmah Library (Kuantan) is located behind Kulliyyah of Medicine building at Indera Mahkota Campus. This library caters the need for all Kulliyyahs in Kuantan Campus. The library collection was built up over the years to meet the teaching, learning and research needs of the students and staff of IIUM (Kuantan), encompassing various subjects.

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 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 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 holiday.

FHC will provide services for cold cases or non-emergency medical cases only. In case of emergency, the students should directly go to the Emergency Department of Sultan Haji Ahmad Shah Medical Centre or Tengku Ampuan Afzan Hospital, Kuantan. Students should not contact specialist of the Kulliyah directly, but must go via the doctors on duty in the 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 besides Sultan Haji Ahmad Shah Mosque. There are nearby convenient shops, hotel, café, musolla, and playground available to accommodate the needs of the visitors.

F. Mosque and Sports Complex

Masjid Sultan Haji Ahmad Shah is strategically located near the main entrance and teaching hospital. It is accessible for staff, students and 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 this system, a lecturer is appointed as a mentor to 5-6 students (mentees) whom students can meet to discuss their academic or social problems. Mentors will offer invaluable life advice on coping in the campus. Students are required to submit 1 reflective writing assignment to be reviewed by their respective mentors each block. Mentors will give feedback based on the students' reflective writing. Mentors will also ensure that each student's IIMP logbook is up to date.

Students may also meet any OTHER lecturer and ask for assistance.

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

8 **REFLECTIVE WRITING & IIMP LOGBOOK**

The Department of Basic Medical Sciences has implemented Reflective Writing upon the recommendation of the Kulliyyah of Medicine, Medical Education Unit. This activity will be monitored by each mentor for Phase 1. Reflection is an active process of witnessing one's own experience in order to examine it more closely and learn from it. Reflective Writing is one of the modes of implementing Reflective Teaching & Learning practices. This activity is not graded. The students will submit ONE reflective writing assignment to their respective mentor each block during Week 3. Each mentor will review and return the written feedback to the students. Mentors may schedule an additional meeting to discuss the feedback if they feel it is necessary.

Each student will receive an IIMP logbook that they will update periodically throughout the 5 year M.B.B.S 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 needs to be submitted to the Mentor by Week 8 of each Block and mentor may give some feedback during the routine Mentor-Mentee session following the End Block Exam Results. 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, it is compulsory for all muslim students in Phase 1 to sit for Fundamental Knowledge Test. If they pass this test, they will directly go to *Halaqah* until the end of first year. For those who fail the Fundamental Knowledge Test, they should register for *Fardhu 'Ain* module. Once they finish this module, they should register directly in *Halaqah* until the end of first year.

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

Student who registers in *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 briefing session from One Stop Student Centre (Wadi Budi) officer during orientation week.

For further information regarding compulsory subject, please contact office of student development & community engagement.



10 **PHASE 1 ASSESSMENT SYSTEM**

A. Block Assessment

In Phase I (Year 1 and 2) students will be 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**, and **problem-based learning evaluation** for the respective blocks. Other forms of assessments carried out during each block may be included into the continuous assessment for the block but the total weightage will not exceed 30% of the total mark for that particular block.

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 | 30% |
| PBL Assessment | | | 10% |
| TOTAL | | 150 | 30% |

* 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 | |
| • 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 will be 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 will be awarded Distinction if the final mark is $\geq 80\%$.
- c. A student who obtain 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.
- d. A student is redeemable by the Board of Examiners if the final mark is $< 50\%$ but $\geq 48\%$. 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 the four (4) End of Block Examinations in Year 1; or
- b. Fail in not more than one (1) End of Block Examination in Year 1 and pass the subsequent Remedial Examination held at the end of the Year 1.

A student who fails in two (2) or more End of Block Examinations in Year 1 or fails the Remedial Examination will have to repeat Year 1.

Students who repeat the year must pass all the End of Block Examinations in order to be promoted to Year 2. However, they are allowed to sit for Remedial Examination if they fail in one (1) of the End of Block Examinations, and in special circumstances, the previous End of Block Examination marks may be used for the promotional exercise.

C. Remedial Examination

The Remedial Examination will be held at the end of the Remedial Period. The format of the examination is similar to that of the End of Block Examination. The

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.

D. Criteria For Eligibility To Sit For The First Professional Examination

A student is eligible to sit for the First Professional Examination conducted at the end of Year 2 if he/she fulfils the following criteria:

- a. Pass all the four (4) End of Block Examinations in Year 2; or
- b. Fail in not more than one (1) End of Block Examination in Year 2.

A student who fails in two (2) or more End of Block Examinations in Year 2 will have to repeat Year 2 and is not eligible to sit for the First Professional Examination.

In special circumstances, the previous End of Block Examination marks for students who repeat the year may be used for consideration of eligibility to sit for the First Professional Examination.

E. First Professional Examination

The First Professional Examination consists of two components:

| COMPONENT | WEIGHTAGE |
|----------------------------|-------------|
| ● Continuous Assessment | 10% |
| ● Theory Paper Examination | 90% |
| TOTAL | 100% |

The components of **Continuous Assessment** are as follow:

| COMPONENT | WEIGHTAGE | TOTAL |
|---|-----------|------------|
| ● Laboratory Assignment Reports for Phase I | 5% | 10% |
| ● Seminar Presentation | 5% | |
| TOTAL | | 10% |

The format of questions for **Theory Paper Examination** of the First Professional Examination is as follows:

| TYPE OF QUESTIONS | NO. OF QUESTIONS | MARKS | WEIGHTAGE |
|---------------------------|------------------|------------|-----------|
| Multiple Choice Questions | | | |
| ● MTF | 40 | 100 | |
| ● OBA | 20 | 50 | |
| Short Notes | | | |
| ● Short Notes 1 | 5 | 50 | 90% |
| ● 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 will be stipulated in percentage (with no decimal point) as the composite mark of the Continuous Assessment and Theory Paper Examination.

The criteria for passing the First Professional Examination are as follow:

- In order to pass the examination, a student must attain a final mark of $\geq 50\%$.
- A student will be awarded Distinction if the final mark is $\geq 80\%$.
- A student who obtains a final mark of $< 80\%$ but $\geq 75\%$ will be called for a viva voce session. Distinction can be awarded based on the performance in the viva voce session.
- A student is redeemable by the Board of Examiners if the final mark is $< 50\%$ but $\geq 48\%$. The criteria to be considered by the Board of Examiners for upgrading include general performance of the student throughout Phase I and input from the head of department/supervisor/mentor.

Students who pass the First Professional Examination will be promoted to Phase II (Year 3) of the Medical Programme.

Students who fail in the First Professional Examination will be given a supplementary examination in 4 to 6 weeks' time.

F. First Professional (Supplementary) Examination

The format of the First Professional (Supplementary) Examination is similar to that of the First Professional Examination. The theory paper examination carries 70% while the continuous assessment component is replaced by viva voce, which carries 30% of the total examination marks.

The components for the First Professional (Supplementary) Examination are as follow:

| COMPONENT | WEIGHTAGE |
|----------------------------|-----------|
| ● Theory Paper Examination | 70% |
| ● Viva voce | 30% |
| TOTAL | 100% |

The criteria for passing the First Professional (Supplementary) Examination 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.

Students who fail the supplementary examination will not be promoted to Phase II (Year 3) and they would have to repeat Year 2 or be dismissed if the maximum study period has been exceeded.

G. 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.

H. Awards

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



11 **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)*

12 **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:

1. Use your eyes (see it), ears (say it), mouth (speak it), feel (touch it) and write it.
2. Keep repeating regularly. It will be stuck in your memory.
3. Shorten long sentences to small – it helps to remember.
4. Read difficult things over and over at different times.
5. 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

1. 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.
2. Studying with a partner
3. Recite aloud
4. Over-learning: you will over-learn and never forget!
5. Study Notes: systematically

Be a Teacher -- Test Yourself

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

- a) Study your notes well.
- b) Prepare questions which you think the teacher could ask on the test. Use past Questions.
- c) Without looking at your notes, answer the questions.
- d) Use your notes to "mark" your test.
- e) Correct your errors.
- f) 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!