



**UNIVERSITI BRUNEI DARUSSALAM**

**MASTER OF MEDICINE  
BY COURSEWORK**

**PROGRAMME HANDBOOK**

**Pengiran Anak Puteri Rashidah Sa'adatul Bolkiah**

**Institute of Health Sciences**

## **STAFF AND CONTACT DETAILS**

<b>Name</b>	<b>Title</b>	<b>Phone/e-mail</b>
Dr Hjh Rafidah binti Hj Gharif	Dean	2299 <a href="mailto:dean.ihs@ubd.edu.bn">dean.ihs@ubd.edu.bn</a>
Dr Zaw Wint	Deputy Dean – Undergraduate, Administration and Finance	2210 <a href="mailto:Zaw.wint@ubd.edu.bn">Zaw.wint@ubd.edu.bn</a>
Dr Anne Cunningham	Deputy Dean – Research, Graduate Studies and Global Affairs	2235 <a href="mailto:anne.cunningham@ubd.edu.bn">anne.cunningham@ubd.edu.bn</a>
Dr Hjh Fazean Irdiyati binti Hj Idris	MMed Coordinator	<a href="mailto:fazean.idris@ubd.edu.bn">fazean.idris@ubd.edu.bn</a>
Professor David Koh	Chair Professor and Faculty Academic Advisor	<a href="mailto:david.koh@ubd.edu.bn">david.koh@ubd.edu.bn</a>
Dr Mohd Ayub Sadiq @ Lin Naing	Associate Professor	<a href="mailto:ayub.sadiq@ubd.edu.bn">ayub.sadiq@ubd.edu.bn</a>
Rasheedah binti Haji Marjik	Assistant Executive Officer	2266 <a href="mailto:rasheedah.marjik@ubd.edu.bn">rasheedah.marjik@ubd.edu.bn</a>
Raianon Hj Abd Hamid	Assistant Executive Officer	2266 <a href="mailto:raianon.hamid@ubd.edu.bn">raianon.hamid@ubd.edu.bn</a>

**PAPRSB Institute of Health Sciences Contact Details:**

**PAPRSB Institute of Health Sciences**

**Universiti Brunei Darussalam**

**Jalan Tungku Link**

**Gadong BE 1410**

**Brunei Darussalam**

**Telephone: +6732463001 ext 2202/2206**

**Fax: +6732461081**

**Website: [www.ubd.edu.bn](http://www.ubd.edu.bn)**

## **1. INTRODUCTION**

The Institute of Medicine was inaugurated in September 2000. It was established in line with the vision of the Government of Brunei Darussalam to provide medical training not only to Brunei students but also to students from other parts of this region as expressed by His Majesty the Sultan in his speech during the twelfth Convocation.

The objective at UBD's Institute of Health Sciences is to produce graduates armed with sharp analytical and methodological tools, together with adaptable skills that are driven by a positive outlook that they will need to become lifelong learners. Students are therefore given early clinical and laboratory exposure in order to attain greater experience in the core clinical, biomedical, and scientific disciplines. The emphasis in this regard is to instil greater inter-professional teamwork and communication skills – skills that are important for achieving and maintaining high quality and effective health care.

PAPRSB Institute of Health Sciences (PAPRSB IHS) hosts the International Membership examinations for the Royal College of General Practitioners (MRCGP Int). This provides basic specialty training (BST) for GPs in Brunei. The other specialties have developed training programmes within the hospitals, and advanced specialty training (AST) often takes place overseas. PAPRSB IHS also hosts the Joint Royal Colleges of Surgeons PACES examination twice a year (since 2015 i.e. The Royal College of Physicians of Edinburgh; The Royal College of Physicians and Surgeons of Glasgow; The Royal College of Physicians of London).

This Master of Medicine programme is in response to the Ministry of Health wish to introduce structured, accredited and appropriately certified training programmes for medical graduates into PAPRSB IHS, UBD. The purpose is to do more training locally in order to save expense and avoid prolonged loss of service of doctors in training. The vision is to develop high quality and comprehensive training from graduate to consultant, which is effective, efficient, responsive, affordable, equitable and accessible.

This programme is an extension of (and replacement for) the MSc in Primary Health Care which has been running successfully for more than 10 years, and brings in other medical specialties (including General Internal Medicine GIM, Surgery, Paediatrics, Emergency Medicine, Critical Care Medicine CCM, Anaesthesiology, Public Health, Psychiatry). It formalizes their training and enables much better sharing of resources / collaboration.

## **2. Facilities on campus**

**University Library:** This is a flexible and welcoming space. Facilities are available for borrowing, printing, computer access, learning spaces. Please use the library portal to login when you search for online journals and books via e-Click. Good advice to library users is available.

<http://library.ubd.edu.bn/>

**Student Centre:** The Student Centre is a one-stop service centre housing Information on UBD, Finance, Student Academic Services and Discovery Year Unit. The centre is located at the new Student Centre. You may access the shop, binding services and find out information about accommodation there. It is the focus of many extra-curricular activities and there are over 40 student clubs available to join. If you are experiencing problems you can access the counselling service for independent advice.

<http://www.ubd.edu.bn/index.php?id=59>

### **3. PROGRAMME AIMS AND OBJECTIVES**

#### **The principal programme aims are to:**

- Deliver a Master of Medicine programme as a series of modules over three years
- Monitor the participants' progress through the programme by competence and performance assessments
- Award a Master of Medicine to successful participants

#### **The principal learning objectives for the students (particularly in the Degree Core Modules) are to:**

- Develop skills of critical appraisal and research evaluation
- Evaluate the evidence base of medicine as applied to their clinical discipline
- Develop evidence-based guidelines for implementation in Brunei Darussalam
- Be able to perform sophisticated analysis and critical peer review of clinical consultations
- Develop enhanced skills in audit as relevant to their clinical discipline
- Develop skills in academic writing and research techniques
- Integrate knowledge of educational theory into Continuing Medical Education and health education
- Enhance leadership and management skills as appropriate to their discipline

### **4. FORMAT OF STUDY**

It will be a three year part time Masters, and trainee doctors will come into UBD for taught modules in a block release mode (4 days / 5 times a year). The rest of the time they will be rotating around their clinical specialty and undergoing work based assessments as part of their vocational training scheme (as defined by appropriate professional bodies / Royal Colleges).

## **5. AWARD OF DEGREE**

- M.Med (Specialty name)

M.Med (Anaesthesiology)

M.Med (Critical Care Medicine)

M.Med (Emergency Medicine)

M.Med (General Internal Medicine)

M.Med (Paediatrics)

M.Med (Primary Health Care)

M.Med (Psychiatry)

M.Med (Public Health)

M.Med (Surgery)

## **6. ADMISSIONS REQUIREMENTS**

An applicant for admission into M.Med must:

- Hold a primary medical degree, MBBS or its equivalent, recognized by the Brunei Medical Board (BMB);
- Be licensed or registered to practice medicine in Brunei Darussalam or in another country in a recognised post;
- Have at least twenty four months' after completion of pre-registration year (foundation year 1 and foundation year 2).
- Meet the minimum English qualification for UBD (IELTS 6.0)

The following specialties need additional requirements to enter the programme;

### **M.Med (General Internal Medicine)**

- Have at least twenty four months of General Internal Medicine experience post-foundation training

### **M.Med (Paediatrics)**

- Have at least twelve months' of Vocational Training or Basic Specialty Training in Paediatrics

### **M.Med (Critical Care Medicine)**

- Have worked (continuously or intermittently) in Critical Care Medicine / Intensive Care Medicine for at least 6 months

### **M.Med (Anaesthesiology)**

- Have worked in Anaesthesiology for at least 6 months (either continuously or intermittently) after registration

### **M.Med (Psychiatry)**

- Hold a full-time clinical post in psychiatry, working for the Ministry of Health, Brunei Darussalam.

For **M.Med (Public Health)** and **M.Med (Occupational Medicine)**, candidates must have at least twelve months of full time work experience in public health and occupational medicine respectively.

## **7. ADMISSIONS PROCEDURE**

Potential students should complete the Universiti Brunei Darussalam online application form for Graduate Studies by Coursework/Research available on the UBD website (under Study @UBD and Graduate Programmes). The Graduate Student Handbook available in that link must also be read to be familiar with the terms and regulations of the course before applying.

All potential students in Brunei Government Service must apply for permission from their employer before formally applying to the course. They must also provide an evidence of financial guarantee. In the case of the funding agency being the employer, a representative of the employing agency must countersign all forms or provide a support letter for consideration of application who will be confirming their support for:

- a. Full support for candidate in applying for funding and study leave;
- b. Release of student for during the modules (at given dates) from Monday to Thursday, five times per year for three years;
- c. Additional half-day release for tutorials and / or study time while in hospital and primary care posts.

Suitable candidates will be invited for interview by a panel comprising normally of the Programme leader, course coordinator and academic staff directly involved in the programme as well as representatives from their employing agency. Successful applicants will be given an offer if all the above requirements are met. Admission is not guaranteed and will be competitive.

## **8. DURATION OF DEGREE AND REGISTRATION**

36 months part time. Maximum candidature 48 months.

## **9. CLASSIFICATION OF DEGREE**

Award of pass or merit is based on the parent regulations for Masters by Coursework.

## **10. RESOURCE IMPLICATIONS**

### **a) PHYSICAL IMPLICATIONS**

Standard seminar rooms are required (Seminar Room, IHS Extension Building)

### **b) HUMAN RESOURCE IMPLICATIONS**

Teaching staff will consist of university academics, adjunct faculty members and clinicians/ other health care professionals from Ministry of Health and other health care settings.

The on-line educational system tool, CANVAS, will be used, and the generation of specialty specific e-portfolios to support the work based assessments (vocational training scheme).

### **c) PROGRAMME FEES**

Tuition Fee:                    BND 16,000.00 / for the 3-year part-time course

## **11. REGISTRATION PROCEDURE**

Provisional timetable for module registration:

Week	Details
Week 0	<p><b>PROVISIONAL REGISTRATION</b> open</p> <ul style="list-style-type: none"> <li>• Log on to 'My UBD' online at <a href="http://www.ubd.edu.bn">www.ubd.edu.bn</a></li> <li>• Select and rank all the modules to register and submit</li> </ul> <p>End of Week 0: Provisional Registration closed.</p>
Week 1	<p>The result of your pre-registration will be published online as your <b>PROVISIONAL REGISTRATION</b> module list. Download Provisional registration slip [GenPS01]</p>
Week 1 - 2	<p><b>Open for submission of ADD/DROP (Now only 2 weeks)</b></p> <ul style="list-style-type: none"> <li>• Any changes of modules, fill in add/drop modules form/slip available from respective faculties <u>OR</u> request add/drop module online</li> <li>• Students to submit the form to the faculty office where the modules are offered, keeping the acknowledge receipt portion</li> <li>• Only Programme Leaders (PLs) are allowed to approve/reject the add/drop of modules</li> <li>• Students can view their revised registration online</li> </ul>
Week 3	<p><b>APPEAL WEEK</b></p> <ul style="list-style-type: none"> <li>• Fill in forms to add / drop modules</li> <li>• Proceed to the Examination Office at the Chancellor Hall, UBD</li> <li>• Assistant Registrar, Examination seeks approval from Faculty on registration students</li> <li>• Registration updated and Examination Office re- issues the final Registration Slip</li> <li>• However, only valid cases will be entertained</li> </ul> <p>End of Week 3: Add / Drop of modules are <b>NOT ALLOWED</b>.</p>

*What if I haven't registered on any modules before the deadline?* If you have never registered any modules from week 0 to week 2 and only decide to add modules during the appeal week i.e. week 3, **you will be penalized a fine of \$50.00 per module**. Payment to be made at the Finance counter in Ground floor at the Main Admin building.

*Any other problems or difficulties in the registration process?* Refer to the Assistant Registrar at your faculty.

### **IMPORTANT NOTES :**

Fee-paying students should pay their tuition fees before the examinations. It is your responsibility to register for your modules for each semester and to check that modules you have chosen have been entered correctly. More details on Programme Rules and Regulations can be by logging into myUBD (University portal).

## **APPENDIX 1: Programme Structure of Master of Medicine**

In order to graduate with **M.Med** (specialty name defined by vocational training and Core modules), students will need to acquire **64 modular credits (MC)**.

Graduation Requirement
28 MC Core
24 MC Specialty Core
12 MC Research Project (Core)
TOTAL = 64 MC

### **SCHEDULE B**

#### **Areas of Specialisation for the M.Med**

- Anaesthesiology
- Critical Care Medicine
- Emergency Medicine
- General Internal Medicine
- Paediatrics
- Primary Health Care
- Psychiatry
- Public Health
- Surgery

**SCHEDULE B1: PROGRAMME STRUCTURE OF MASTER OF MEDICINE (Anaesthesiology)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: ANAESTHESIOLOGY</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5201 Clinical Microbiology and Infection Control	4
<b>Semester 4 (August – December)</b>	
HM-5202 Pharmacology	4
HM-5203 Clinical Pharmacology	2
<b>Semester 5 (January – May)</b>	
HM-5204 Medical Physics & Instrumentation	6
HM-5205 Health Information Technology	2
<b>Semester 6 (August – December) <i>Major Core Module</i></b>	
HM-5206 Applied Cardiorespiratory Physiology	6
<b>Total Modular Credits</b>	<b>64</b>

**SCHEDULE B2: PROGRAMME STRUCTURE OF MASTER OF MEDICINE  
(Critical Care Medicine)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: CRITICAL CARE MEDICINE</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5201 Clinical Microbiology and Infection Control	4
<b>Semester 4 (August – December)</b>	
HM-5202 Pharmacology	4
HM-5203 Clinical Pharmacology	2
<b>Semester 5 (January – May)</b>	
HM-5204 Medical Physics & Instrumentation	6
HM-5205 Health Information Technology	2
<b>Semester 6 (August – December)</b>	
HM-5207 Clinical Nutrition	4
HM-5208 Current Trends in Clinical Medicine	2
<b>Total Modular Credits</b>	<b>64</b>

**SCHEDULE B3: PROGRAMME STRUCTURE OF MASTER OF MEDICINE  
(Emergency Medicine)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: EMERGENCY MEDICINE</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5201 Clinical Microbiology and Infection Control	4
<b>Semester 4 (August – December)</b>	
HM-5209 Basic Science	4
HM-5203 Clinical Pharmacology	2
<b>Semester 5 (January – May)</b>	
HM-5210 Resuscitation Theory	3
HM-5211 Trauma	3
HM-5212 Pre-hospital Care & Disaster Management	3
<b>Semester 6 (August – December)</b>	
HM-5213 Administrative Issues in the Emergency Department	3
HM-5208 Current Trends in Clinical Medicine	2
<b>Total Modular Credits</b>	<b>64</b>

**SCHEDULE B4: PROGRAMME STRUCTURE OF MASTER OF MEDICINE  
(General Internal Medicine)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: GENERAL INTERNAL MEDICINE</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5201 Clinical Microbiology and Infection Control	4
<b>Semester 4 (August – December)</b>	
HM-5214 Acute Medicine	6
<b>Semester 5 (January – May)</b>	
HM-5215 Sub-acute and Integrated Care Medicine	6
HM-5216 Chronic Disease	6
<b>Semester 6 (August – December)</b>	
HM-5208 Current Trends in Clinical Medicine	2
<b>Total Modular Credits</b>	<b>64</b>

**SCHEDULE B5: PROGRAMME STRUCTURE OF MASTER OF MEDICINE (Paediatrics)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: PAEDIATRICS</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5201 Clinical Microbiology and Infection Control	4
<b>Semester 4 (August – December)</b>	
HM-5202 Pharmacology	4
HM-5203 Clinical Pharmacology	2
<b>Semester 5 (January – May)</b>	
HM-5204 Medical Physics & Instrumentation	6
HM-5205 Health Information Technology	2
<b>Semester 6 (August – December)</b>	
HM-5207 Clinical Nutrition	4
HM-5208 Current Trends in Clinical Medicine	2
<b>Total Modular Credits</b>	<b>64</b>

**SCHEDULE B6: PROGRAMME STRUCTURE OF MASTER OF MEDICINE  
(Primary Health Care)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: PRIMARY HEALTH CARE</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5201 Clinical Microbiology and Infection Control	4
<b>Semester 4 (August – December)</b>	
HM-5217 Non-Communicable Diseases in Primary Care	4
HM-5218 Minor illnesses	2
<b>Semester 5 (January – May)</b>	
HM-5219 Women and Child Health	4
HM-5220 Mental Health	2
HM-5221 Care of the Elderly and Palliative Care	4
<b>Semester 6 (August – December)</b>	
HM-5222 Family Practice as a Profession	2
HM-5208 Current Trends in Clinical Medicine	2
<b>Total Modular Credits</b>	<b>64</b>

**SCHEDULE B7: PROGRAMME STRUCTURE OF MASTER OF MEDICINE (Psychiatry)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: PSCHIATRY</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5223 Common Mental Health Conditions	4
<b>Semester 4 (August – December)</b>	
HM-5202 Pharmacology	4
HM-5224 Substance Misuse	2
<b>Semester 5 (January – May)</b>	
HM-5225 Psychotherapy	2
HM-5226 Organic Psychiatry	4
HM-5227 Child and Adolescent Psychiatry	4
<b>Semester 6 (August – December)</b>	
HM-5228 Psychiatry of the Elderly	2
HM-5229 Mental Health Law	2
<b>Total Modular Credits</b>	<b>64</b>

**SCHEDULE B8: PROGRAMME STRUCTURE OF MASTER OF MEDICINE (Public Health)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: PUBLIC HEALTH</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5201 Clinical Microbiology and Infection Control	4
<b>Semester 4 (August – December)</b>	
HM-5241 Principles of Epidemiology	4
HM-5230 Biostatistics	4
<b>Semester 5 (January – May)</b>	
HM-5231 Health Services Policy and Management	2
HM-5240 Communicable Disease Epidemiology and Control	2
HM-5242 Non-communicable Disease Epidemiology and Control	4
<b>Semester 6 (August – December)</b>	
HM-5232 Environmental and Occupational Health	2
HM-5233 Behavioural Health Sciences	2
<b>Total Modular Credits</b>	<b>64</b>

**SCHEDULE B9: PROGRAMME STRUCTURE OF MASTER OF MEDICINE (Surgery)**

<b>MASTER OF MEDICINE AREA OF SPECIALISATION: SURGERY</b>	<b>Modular Credits</b>
<b>Semester 1 (January – May)</b>	
HM-5101 Critical Appraisal Skills and Evidence Based Medicine	4
HM-5102 Communication, Consultation and Counselling Skills	4
HM-5103 Research Skills and Methodology	4
<b>Semester 2 (August – December)</b>	
HM-5104 Medical Ethics and Legal Issues	4
HM-5105 Professional Development, Teaching and Learning	4
HM-5106 Research Project (Semester 2-6)	12
<b>Semester 3 (January – May)</b>	
HM-5107 Health Economics	4
HM-5108 Quality Assurance and Patient Safety	4
HM-5201 Clinical Microbiology and Infection Control	4
<b>Semester 4 (August – December)</b>	
HM-5209 Basic Science	4
HM-5234 Basic Surgical Skills	2
<b>Semester 5 (January – May)</b>	
HM-5235 Critical Care Basics	4
HM-5236 Oncology	2
HM-5237 Trauma, Organ and Tissue Transplant	2
<b>Semester 6 (August – December)</b>	
HM-5238 Pre/Peri/Post-operative management of surgical patients	4
HM-5239 Surgical Care for Paediatric, Elderly and Dying patients	2
<b>Total Modular Credits</b>	<b>64</b>

## **APPENDIX 2: List of Modules in Master of Medicine**

### **Core modules (52 MC)**

<b>No.</b>	<b>Module Code / Title</b>	<b>Modular Credits (MC)</b>
1	HM-5101 Critical Appraisal skills and Evidence Based Medicine	4
2	HM-5102 Communication, Consultation and counselling skills	4
3	HM-5103 Research Skills and Methodology	4
4	HM-5104 Medical Ethics & Legal Issues	4
5	HM-5105 Professional Development, Teaching & Learning	4
6	HM-5107 Health Economics	4
7	HM-5108 Quality Assurance and Patient Safety	4
8	HM-5106 Research Project	12
	<b>Cumulative MC</b>	<b>52</b>

### **Specialty modules (24 MC) for each Specialty**

#### **Anaesthesiology**

<b>No.</b>	<b>Module Code / Title</b>	<b>Modular Credits (MC)</b>
1	HM-5201 Clinical Microbiology and Infection Control	4
2	HM-5202 Pharmacology	4
3	HM-5203 Clinical Pharmacology	2
4	HM-5204 Medical Physics and Instrumentation	6
5	HM-5205 Health Information Technology	2
6	HM-5206 Applied Cardiorespiratory Physiology	6
	<b>Cumulative MC</b>	<b>24</b>

#### **Critical Care Medicine**

<b>No.</b>	<b>Module Code / Title</b>	<b>Modular Credits (MC)</b>
1	HM-5201 Clinical Microbiology and Infection Control	4
2	HM-5202 Pharmacology	4
3	HM-5203 Clinical Pharmacology	2
4	HM-5204 Medical Physics and Instrumentation	6
5	HM-5205 Health Information Technology	2
6	HM-5207 Clinical Nutrition	4
7	HM-5208 Current trends in clinical Medicine	2
	<b>Cumulative MC</b>	<b>24</b>

### Emergency Medicine

No.	Module Code / Title	Modular Credits (MC)
1	HM-5201 Clinical Microbiology and Infection Control	4
2	HM-5209 Basic Science	4
3	HM-5203 Clinical Pharmacology	2
4	HM-5210 Resuscitation Theory	3
5	HM-5211 Trauma	3
6	HM-5212 Pre-Hospital & Disaster Management	3
7	HM-5213 Emergency Medicine Administration	3
8	HM-5208 Current trends in clinical Medicine	2
	<b>Cumulative MC</b>	<b>24</b>

### General Internal Medicine

No.	Module Code / Title	Modular Credits (MC)
1	HM-5201 Clinical Microbiology and Infection Control	4
2	HM-5214 Acute Medicine	6
3	HM-5215 Sub-acute and Integrated Care Medicine	6
4	HM-5216 Chronic Diseases	6
5	HM-5208 Trends in clinical Medicine	2
	<b>Cumulative MC</b>	<b>24</b>

### Paediatrics

No.	Module Code / Title	Modular Credits (MC)
1	HM-5201 Clinical Microbiology and Infection Control	4
2	HM-5202 Pharmacology	4
3	HM-5203 Clinical Pharmacology	2
4	HM-5204 Medical Physics and Instrumentation	6
5	HM-5205 Information Technology	2
6	HM-5207 Clinical Nutrition	4
7	HM-5208 Trends in clinical Medicine	2
	<b>Cumulative MC</b>	<b>24</b>

### Primary Health Care

No.	Module Code / Title	Modular Credits (MC)
1	HM-5201 Clinical Microbiology and Infection Control	4
2	HM-5217 NCDs in Primary Care	4
3	HM-5218 Minor illness	2
4	HM-5219 Women & Child Health	4
5	HM-5220 Care of the Elderly	2
6	HM-5221 Mental Health	4
7	HM-5222 Family Medicine as a profession	2
8	HM-5208 Trends in clinical Medicine	2
	<b>Cumulative MC</b>	<b>24</b>

### Psychiatry

No.	Module Code / Title	Modular Credits (MC)
1	HM-5223 Common Mental Health Conditions	4
2	HM-5202 Pharmacology	4
3	HM-5224 Substance Misuse	2
4	HM-5225 Psychotherapy	2
5	HM-5226 Organic Psychiatry	4
6	HM-5227 Child and Adolescent Psychiatry	4
7	HM-5228 Psychiatry of the Elderly	2
8	HM-5229 Mental health Law	2
	<b>Cumulative MC</b>	<b>24</b>

### Public Health

No.	Module Code / Title	Modular Credits (MC)
1	HM-5201 Clinical Microbiology and Infection Control	4
2	HM-5241 Principles of Epidemiology	4
3	HM-5230 Biostatistics	4
4	HM-5231 Health Services Policy & Management	2
5	HM-5240 Communicable Disease Epidemiology & Control	2
6	HM-5242 Non-communicable Disease Epidemiology & Control	4
7	HM-5232 Environmental and Occupational Health	2
8	HM-5233 Behavioural Health Sciences	2
	<b>Cumulative MC</b>	<b>24</b>

## **Surgery**

<b>No.</b>	<b>Module Code / Title</b>	<b>Modular Credits (MC)</b>
1	HM-5201 Clinical Microbiology and Infection Control	4
2	HM-5209 Basic Science	4
3	HM-5234 Basic Surgical Skills	2
4	HM-5235 Critical Care Basics	4
5	HM-5236 Oncology	2
6	HM-5237 Trauma, organ and tissue transplant	2
7	HM-5238 Pre/Peri/Post-operative management of surgical patients	4
8	HM-5239 Surgical Care for Paediatric, Elderly and Dying patients	2
	<b>Cumulative MC</b>	<b>24</b>

**M.Med** (specialty defined by vocational training / \*option modules)

Students will undertake an independent research project which is relevant to their clinical area in addition to all the taught modules listed above.

- HM-5106 Research Project (12 MC)

### **APPENDIX 3: OUTLINES FOR NEW DEGREE**

Refer to module outlines (Core and Specialty Core)

### **APPENDIX 4 : RULES AND REGULATIONS OF THE MASTER OF MEDICINE**

Refer to R&R.

### **APPENDIX 5: DATES FOR 2019**

HM-5101	CRITICAL APPRAISAL & EVIDENCE BASED MEDICINE	14-17 JANUARY 2019
HM-5102	COMMUNICATION, CONSULTATION AND COUNSELLING SKILLS	11 -14 MARCH 2019
HM-5103	RESEARCH SKILLS & METHODOLOGY	20-25 MAY 2019
HM-5104	MEDICAL ETHICS & LEGAL ISSUES	5-8 AUGUST 2019
HM-5105	PROFESSIONAL DEVELOPMENT, TEACHING & LEARNING	7-10 OCTOBER 2019