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FACULTY OF EASTERN MEDICINE

Prof. Dr. Ejaz Mohiuddin

Dean

Faculty of Eastern Medicine

Ph: 9221-36440078, 36440065

Fax: 9221-36440079

E-mail: dean.fem@hamdard.edu.pk

Further Information

Hakim Muhammad Rais Khan

Ph: 9221-36440084

Cell: 0345-3069234

Fax: 9221-36440079

Message by the Dean
Faculty Admissions
Clinical Training, Career Opportunities
Course Outline

Degree Programs

- Bachelor of Eastern Medicine and Surgery (BEMS)
- M.Phil. Eastern Medicine
- Ph.D. Eastern Medicine





**Message by the Dean
Prof. Dr. Ejaz Mohiuddin**

The Faculty of Eastern Medicine is the vision of Shaheed Hakim Mohammed Said. He visualized BEMS degree program as well as research based integrated curriculum to fill the gap and produce Unani Tabibs fully aware of modern diagnostic methods for treating diseases effectively. Five years B.E.M.S. degree program is a combination of classical Traditional (Eastern/Unani) and Modern medicine. Since 1995, 24 batches have been admitted out of which 19 batches have passed out while 5 batches are on the way to enter the professional field.

Faculty of Eastern Medicine in pursuit of excellence, follows mission to provide quality education in Eastern/Unani Medicine with focus on Research so as to equip students with the art to live as productive members of the society. We believe that our Alumni are in concrete support of nation building activity as confident Unani /Eastern Medicine practitioners.

Arriving at this stage which culminated in the year 2002, was an uphill journey. The Federal Government amended the Unani, Ayurvedic and Homoeopathic Practitioners' Act 1965 to recognize the Bachelor's Degree in Eastern Medicine B.E.M.S. for registration by the National Council for Tibb (N.C.T.), Ministry of Health, Government of Pakistan, Islamabad. It is indeed a landmark in the history of Tibb in Pakistan when the Higher Education Commission (HEC) approved the curriculum of Eastern Medicine for B.E.M.S., M.Phil. and Ph.D. degrees in July 2004. The degree course is also approved in United Arab Emirates for the purpose of practice.

Unani Medicine physicians have the opportunity to serve, clean, purify and balance the physical, emotional, mental and spiritual elements of patients. It deals with body as a whole and balances the disturbance in humors thus bringing health with its rational approaches. In this context the world at large is looking towards the Asian countries which possess effective knowledge of Traditional Systems of treatment.

Thus the main objective of the program is to prepare graduates trained in Unani Medicine and having firsthand knowledge of the basic subjects of modern medicine. The global resurgence and acknowledgment of the natural medicine have greatly enhanced the significance of this program.

The Faculty of Eastern Medicine has distinction to enjoy services of 05 Ph.Ds and 06 M.Phils among the teaching staff. The Faculty of Eastern Medicine, Hamdard University, is the Centre of Excellence in Academics where researches have contributed significantly and published more than 129 research papers. The Faculty has also published 30 books both at the national and international level.

Faculty of Eastern Medicine is one of the leading institutions of Hamdard University where successful postgraduate programs are underway. So far 13 Ph.D and 29 M.Phil degrees have been awarded. About 19 M.Phil and 13 Ph.D. students i.e. a total of 32 research students are working on different topics for their higher degrees. International collaboration with Japanese Institution (Toyama University), Hunan University China, South African (Ibn Sina Institute of Tibb, Johannesburg), University of Cape Town, CCRUM, Ibn Sina Academy, Aligarh, India and other institutions are proving promising advancement of Unani Medicine. Hamdard Matab Arambagh offers a certificate course on Hijama (Cupping Therapy) and on Eastern Medicine short course for Medical professionals as well.

Technical Collaboration in Research Projects is underway with WHO (Immunization Program / Consultation), Shifa-ul-Mulk Memorial Academy (Infrastructure development grants), as well as with the Ministry of Environment (Biodiversity). Deserving and meritorious students are given scholarships and free ships mostly funded by Hamdard Foundation Pakistan. We are confident that you, desirous students, will wish to be part of the HU culture will be benefitted from the diversity and depth of our programs. The Faculty of Eastern Medicine reaffirms its commitment and dedication to serve people in health care sector with utmost zeal.

We pray to Allah to bless our endeavors (Aameen).

Introduction

Shaheed Hakim Mohammed Said was one of the great exponents of Eastern Medicine (Tibb-e-unani). He had the vision to establish a University which could enliven the intellectual traditions of the golden era of muslim civilization. This had always been his most dear Faculty Hamdard Al-Majeed College of Eastern Medicine: Faculty of Eastern Medicine, Hamdard University is the pioneer in awarding degrees of BEMS.

In the year 1958 Shaheed Hakim Mohammad Said in order to promote and bring a modern change in the Eastern Laid Down the foundation of the "Society for the promotion of Eastern Medicine" which in the year 2000 gave birth to "Pakistan Association for Eastern Medicine" which was further internationalized in 2008 to "International Association for unani medicine" (Iaum).

Faculty of Eastern Medicine, Hamdard University was established in the year 2000. The mission of the faculty is to produce graduates having knowledge of Eastern Medicine with latest technology for diagnosis and modern methods for the management of diseases and health care. Graduates are provided with comprehensive knowledge and their clinical skills are developed. The curriculum of Eastern Medicine for BEMS, M.Phil. and Ph.D. degrees are approved by the Higher Education Commission and National Council for Tibb, Ministry of Health, Government of Pakistan. The degree course is also approved in United Arab Emirates for the purpose of practice.

Hamdard Al-Majeed College of Eastern Medicine

was founded when the charter was given by Govt. of Sindh under section 19 (I) (C) of Hamdard University act, 1991.

The program was initiated on April 2, 1995. Faculty of Eastern Medicine has been the pioneer institute of Hamdard University imparting graduate level Tibb-e-unani education (Eastern Medicine) in Pakistan and for awarding BEMS degree. The faculty has continued undertaking the Noble Task of education, training and research in the courses of BEMS (Bachelor of Eastern Medicine & Surgery), M.Phil. and Ph.D. (Eastern Medicine) approved by Higher Education Commission (HEC), National Council for Tibb (NCT) and Ministry of Health, Government of Pakistan.



Faculty

Hamdard Al-Majeed College of Eastern Medicine:

Professors:

Prof. Dr. Ejaz Mohiuddin

Dean
Ph.D. (Hamdard University)
M.B.A. (Hamdard University)
M.B.B.S. (Islamia University,
Bahawalpur)

Prof. Dr. Hakim Shahabuddin

Professor
Ph.D. (Hamdard University)
B.U.M.S. (Aligarh Muslim University,
India)

Prof. Dr. Imtiaz Ahmed Khan

Professor
Ph.D. (University of Adelaide, Australia)
M.Sc. (University of Karachi)
B.Sc. (University of Karachi)

Associate Professors:

Dr. Hakim M. Asif Iqbal

Ph.D. (Hamdard University)
B.E.M.S. (Hamdard University)

Assistant Professors:

Hakim Sheraz Mohammed Siddiqui

Ph.D. (Hamdard University)
M.Phil. (Hamdard University)
B.E.M.S. (Hamdard University)

Hakim Muhammad Owais Ahmad Khan

Ph.D. (Fellow)
M.Phil. (Hamdard University)
B.U.M.S. (Burhanpur, India)

Hakim Muhammad Rais Khan

Ph.D. (Fellow)
M.Phil. (Hamdard University)
B.E.M.S. (Hamdard University)

Hakim Qalb-e-Saleem

Ph.D. (Fellow)
M.Phil. (Hamdard University)
B.E.M.S. (Hamdard University)

Tabiba Syma Ghayas

Ph.D. (Fellow)
M.Phil. (Hamdard University)
B.E.M.S. (Hamdard University)

Hakim Syed Zahoor UI Hassan Zaidi

Ph.D. (Fellow)
M.Phil. (Hamdard University)
B.E.M.S. (Hamdard University)

Lecturers:

Hakim Muhammad Amjad Chishti

Ph.D. (Fellow)
M.Phil. (Hamdard University)
B.E.M.S. (Islamia University Bahawalpur)

Tabiba Huma Sayeed

M.Phil. (Fellow)
B.E.M.S. (Hamdard University)

Tabiba Nadia Naseem

M.Phil. (Fellow)
B.E.M.S. (Hamdard University)

Tabiba Sidra Shamim

B.E.M.S. (Hamdard University)

Tabiba Salma Asad

B.E.M.S. (Hamdard University)

Tabiba Syeda Fariha Abbas

B.E.M.S. (Hamdard University)

Hakim Muhammad Amjad Ismail

B.E.M.S. (Hamdard University)

**Shifa UI Mulk Memorial Hospital
For Eastern Medicine****Tabiba Umme Hani Ramzan**

RMO
B.E.M.S. (Hamdard University)

Tabiba Tahira Bano

RMO
B.E.M.S. (Hamdard University)

Tabiba Shagufta Gul

RMO
B.E.M.S. (Hamdard University)

Tabiba Urooj Fatima

RMO
B.E.M.S. (Hamdard University)



Vision

Shaheed Hakim Mohammed Said was one of the great exponents of Eastern Medicine (Tibb-e-Unani). The vision to establish a University which could enliven the intellectual traditions of the Golden Era of Muslim Civilization. Faculty of Eastern Medicine is the pioneering Degree awarding institution of Hamdard University (Jamia Tibbia Sharqia / Hamdard Tibbi College / since 1958) took shape as a constituent institution (Hamdard Al-Majeed College of Eastern Medicine upgraded in the year 1995). Keeping in view the above mentioned, Hakim Mohammed Said's vision for the Faculty of Eastern Medicine is compatible with Hamdard University to develop it as an excellent center for higher education now at verge to grow in to a citadel of knowledge for the millennium.

GOALS

To prepare competent Medical Graduates of Eastern Medicine (Tibb-e-Unani) and train post-graduate professionals of Eastern Medicine (Tibb-e-Unani) To cater the ever growing demands of Health care and it's Management.

To provide awareness regarding Eastern Medicine (Tibb-e-Unani) to common people (society).

To educate the professionals of Eastern Medicine (Tibb-e-Unani) to work as team members of Health Professionals for promoting health and solving health problems in the community.

To publish books, monographs, undertake research projects and conduct courses for advanced studies in Eastern Medicine (Tibb-e-Unani).

Accreditation by National Bodies:

All the degree programs offered by the Faculty are accredited by the National Council for Tibb, Ministry of Health, Government of Pakistan and by the Higher Education Commission (HEC), Pakistan.

MISSION

The Faculty of Eastern Medicine in response to the growing needs of health management is determined to provide the knowledge and infrastructure to develop Eastern Medicine (Tibb-e-Unani) and to expand its applications. To execute advance studies and research in Eastern Medicine (Tibb-e-Unani).

Admission Policy

Admissions to the B.E.M.S. degree programs are given strictly on the basis of merit. The short-listed candidates are interviewed by an interview board for the final selection.

How to apply?

Following documents must be enclosed with the application form. Incomplete forms are not entertained.

Two attested copies of the following documents:

- F.Sc. (Pre-Medical) certificate, or equivalent
- Matriculation certificate
- F.Sc. Marks Sheet
- Matriculation Marks Sheet
- Provisional certificate of the last institution attended
- Any other diploma/certificate
- National identity card (if candidate's NIC is not available, father's/guardian's NIC copy should be submitted)
- Two attested passport size recent photographs

Attendance

No student shall be permitted to appear in any examination unless he/she has attended 75% of the

lectures, demonstrations, tutorials, practical and clinical work for both in-patients and out-patients departments.

Shifa-ul-Mulk Memorial Hospital for Eastern Medicine

The foundation stone of Shifa-ul-Mulk Memorial Hospital for Eastern Medicine was laid down by Shaheed Hakim Mohammed Said on Wednesday, May 27, 1998. Its first phase was completed in February 2000 and was inaugurated by former Federal Minister of Health Mr. Muhammad Naseer Khan on Saturday, April 17, 2004.

Shifa-ul-Mulk Memorial Hospital for Eastern Medicine is providing free health facilities to the dwellers of nearby about 40 villages, situated in the vicinity of Madinat al-Hikmah.

A 50-bed hospital has been established at the Main Campus especially for the clinical training of the students of Unani Medicine and for conducting research on unani medicine.

The Shifa ul Mulk Memorial Hospital for Eastern Medicine has also been commissioned to serve as a Family Medical Care and Services providing center. This is a well-equipped teaching hospital providing twenty four hours free community health services to the villages surrounding Hamdard University in the vicinity of Bund Murad.

Clinical Training

The clinical training in Bachelor of Eastern Medicine Program starts from third year onwards at Shifa-ul-Mulk Memorial Hospital for Eastern Medicine, Godhra Muslim Khatri Hospital, Naimat Begum Child Care Unit, Hussaini Blood Bank, Saylani Clinics, Al-Mustafa Medical Centre. Students acquire clinical skills under the guidance of experienced physicians/ specialists and learn to deal with emergencies and attend different wards. Students are provided with an opportunity whereby they seek modern medical knowledge/experience, being capable to integrate Unani Medicine knowledge with that of modern clinical expertise.

The Hospital is also providing clinical research facilities to M.Phil. and Ph.D. students of the Faculty of Eastern Medicine. This hospital has been approved for teaching, clinical training and research purpose from National Council for Tibb, Ministry of Health, Govt. of Pakistan, Islamabad.

Career Opportunities

Unani Medicine continues to be practiced in many of the countries today. The countries where it has to some extent, enjoying an official status are: India, Pakistan, Bangladesh, Sri Lanka and South Africa. In Pakistan, in the mid-sixties, the government under the then President ordered the official registration of Hakims. Tibb enjoys wider public acceptability in the countries of Middle East, Far East, Europe and North America. In the areas, resurgence is being observed in the vogue of herbal medicine. B.E.M.S. graduates can start their own practice by establishing their own clinics and providing healthcare services to the people. As the contemporary healthcare requirements need complementary and Alternative Medicine as an integral part of therapeutic discipline, B.E.M.S. graduates can provide consultation at various hospitals for health preservation and disease prevention to improve the standards of health care. B.E.M.S. graduates can also be of value to natural medicine industry, where they can apply results of their research and evaluating techniques to supplement scientific and patient-related efficacy in natural medicine. Graduates can be a part of relevant teaching and research activities at various universities and institutions of national and international levels.

Currently B.E.M.S. graduates are employed by the following institutions/ organizations:

- Ajmal Laboratories
- Amna Unani Hospital
- Ashraf Laboratories
- Atco Laboratories
- BMA Pharma
- Brookes Health and Education Foundation
- City Pharma (Pvt) Ltd.
- District Hospitals Govt. of Punjab
- Feroz Ajmali Dawakhana Multan
- Gerishon International Karachi
- Godhra Muslim Hospital
- Govt. Islamia University Bahawalpur
- Govt. College University Faisalabad
- Green Pharma International
- Greenwich University London
- Hamdard Foundation Pakistan
- Hamdard Matabs
- Hamdard Laboratories (Waqf) Pakistan
- Hamdard University
- Helix Pharma Private Ltd.
- Herbion Pakistan (Pvt.) Ltd.
- Herbuy Laboratories Karachi
- Ibn Sina Institute for Tibb.
- Johannesburg, South Africa
- King Fahad University, KSA
- International Herbal Medical Complex and Darushifa Rawalpindi
- LRBT
- Marhaba Laboratories
- Medics Laboratories
- Muslim Khatri Hospital
- Naimat Begum Hospital
- Qarshi Industries (Pvt) Ltd.
- Qasmi Clinics, Karachi
- Qasmi Tibbia College, Karachi
- Scure Pharma (Pvt) Ltd.
- Saylani Welfare Trust
- Toyama University Japan
- University of Poonch, Rawala Kot, Azad Jammu & Kashmir
- University of Baluchistan
- Ziauddin Medical University



CURRICULUM FOR BEMS and Credit Hours
SCHEME OF STUDIES
B.E.M.S First Professional

First Semester				Second Semester			
Course Code	Course No.	Course Title	Cr. Hr.	Course Code	Course No.	Course Title	Cr. Hr.
ANA	111	Anatomy-I	3+1	ANA	121	Anatomy-II	3+1
PHY	112	Physiology-I	3+1	PHY	122	Physiology-II	3+1
BIO	113	Biochemistry-I	3+1	BIO	123	Biochemistry-II	3+1
PEM	114	Principles of Eastern Medicine-I	3+1	PEM	124	Principles of Eastern Medicine-II	3+1
HEM	115	History of Eastern Medicine-I	3	HEM	125	History of Eastern Medicine-II	3
ISE	116	Islamic Studies/Ethical Behavior	3	PAS	126	Pakistan Studies	3
Total Course 6			18+4	Total Course 6			18+4

B.E.M.S Second Professional

Third Semester				Fourth Semester			
ANA	231	Anatomy-III	3+1	ANA	241	Anatomy-IV	3+1
PHY	232	Physiology-III	3+1	PHY	242	Physiology-IV	3+1
BIO	233	Biochemistry-III	3+1	BIO	243	Biochemistry-IV	3+1
PEM	234	Principles of Eastern Medicine-III	3+1	PEM	244	Principles of Eastern Medicine-IV	3+1
PHS	235	Pharmacognosy-I	3+1	PHS	245	Pharmacognosy-II	3+1
			BIT	BTT	246	Bioinformatics	3+1
Total Course 5			15+5	Total Course 6			18+6

B.E.M.S Third Professional

Fifth Semester				Sixth Semester			
PHP	351	Pharmacy-I	3+1	PHP	361	Pharmacy-II	3+1
PAT	352	Pathology-I	3+1	MIC	362	Microbiology and Parasitology	3+1
MTM	353	Materia Medica-I	3+1	MTM	363	Materia Medica-II	3+1
PHS	354	Pharmacognosy-III	3+1	PHS	364	Pharmacognosy-IV	3+1
MED	355	Mualijat (Medicine)-I	3+1	MED	365	Mualijat (Medicine)-II	3+1
COM	356	Community Medicine	3+1	FMT	366	Forensic Medicine and Toxicology	3+1
Total Course 6			18+6	Total Course 6			18+6

B.E.M.S Fourth Professional

Seventh Semester				Eight Semester			
PAT	471	Pathology-II	3+1	PAT	481	Pathology-III	3+1
SUR	472	Surgery-I	2+1	SUR	482	Surgery-II	2+1
MTM	473	Materia Medica-III	3+1	MTM	483	Materia Medica-IV	3+1
GOS	474	Gynaecology-I	2+1	GOS	484	Gynaecology-II	2+1
MED	475	Mualijat (Medicine)-III	3+1	MED	485	Mualijat (Medicine)-IV	3+1
PSY	476	Clinical Psychology and Psychiatry	3+1				
Total Course 6			16+6	Total Course 5			13+5

B.E.M.S Final Professional

Ninth Semester				Tenth Semester			
PED	591	Pediatrics-I	2+1	PED	5101	Pediatrics-II	2+1
OPT	592	Ophthalmology	2+1	ENT	5102	ENT	2+1
OBS	593	Obstetrics-I	2+1	OBS	5103	Obstetrics-II	2+1
SUR	594	Surgery-III	2+1	SUR	5104	Surgery-IV	2+1
CLD	595	Clinical Diagnostics-I	3+1	CLD	5105	Clinical Diagnostics-II	3+1
MED	596	Mualijat (Medicine)-V	3+1	MED	5106	Mualijat (Medicine)-VI	3+1
		Final Year Project (F.Y.P)	6				
Total Course 6			20+6	Total Course 6			14+6

Types of Examinations/Evaluations

A student, during his/her course of studies (degree program), is under obligation to undergo all or some of the following exams/assessments/evaluations as applicable and depending upon his/her Faculty, HEC and accreditation body/council requirements:

- Quizzes, Assignments, Presentations, Mid-term Exam, Final Exam, Annual/Professional Exam.
- Project, Case Study, Practical Exam: e.g., Lab Work, Lab Manual, Lab Tasks, Oral Exam (Viva Voce).
- Independent Study Course Assessment (if taken), PhD Candidacy Qualifying Exam, Research Proposal Defence, Research Progress Report Evaluation, Internal and External Evaluation of research work, Open Defence along with Viva Voce Exam.

Minimum Attendance Requirements for Theory and Practical Exams

No student will be allowed to appear in any examination unless he/she has duly performed (DP) i.e., attended 75% of the lectures conducted, demonstrations, tutorials, lab work and clinical work whichever applicable as per faculty requirements.

The parent department of the student will award fail grade (F) to short attendance cases.

Issuance of Admit Cards for Final Exams

Admit Card for Final Exams will be issued to students meeting following terms and conditions:

- Student status: Enrolled (Enrollment No./Enrollment Card issued)
- Attendance: as per conditions defined in Para 13.
- Course-Teacher Evaluation: entered in Student Portal of CMS
- Fee due before Final Exam: Nil
- Student profile on <https://hosis.hamdard.edu.pk>: 'Updated'

Award of Degree

- Minimum CGPA requirement for the award of degree:
 - Under-graduate (Bachelors) Programs:** 2.00

Issuance of Admit Cards for Final Exams: Procedure

From 2nd semester and onwards, receive Admit Card from office of the Controller of Examination if meeting following terms and conditions:

- In possession of Enrollment Card/Enrollment No. issued
- Attendance: as per conditions defined in Para 13.
- Course-Teacher Evaluation via CMS entered in Student Portal
- Student profile on <https://hosis.hamdard.edu.pk>: 'Updated'
- Fee due before Final Exam: Nil

Semester/Course Registration:

Under-graduate (Bachelor) Students:

- A student must register (via CMS) in courses offered each regular semester (inclusive of optional Summer Semester) whose pre-requisites have been cleared.
- In general, registration may be allowed in minimum 4 courses (12 Cr Hrs.) and maximum 6 courses (18 Cr Hrs.) in a regular semester, however, the minimum and maximum limits for a department/degree program may vary in accordance with the relevant accreditation body/council.

All Students:

- Registration is required within 15 days of the start of the semester.
- In a summer semester, students are allowed to register only in deficiency/failed/ improvement of grade courses.
- Registered course (s) can only be changed within add/drop period.
- In order to maintain 'Active Student' status, a student must register (via CMS) in every semester till the completion of degree requirements.
- Failure to register in two consecutive semesters will result in cancellation of admission without prior notice.

Enrollment:

- Candidates meeting admission eligibility criteria at the time of admission will be enrolled in first semester and their admission status will be marked as 'Enrolled Student'.
- A student is not allowed to appear in the examination without enrollment number.
- Admit Card' bearing Enrollment No. is mandatory to appear in mid-term and final exams.
- From 2nd semester onwards, it is compulsory to write Enrollment No. on answer sheets.

Semester Freeze:

- Following terms and conditions apply on all requests for 'Semester Freeze':
 - Freezing of first semester is not allowed.
 - Request will not be considered if raised after the start of a semester.
 - Maximum two 'Semester Freeze' are allowed during entire degree program.
- Studies will resume from the semester count at 'Semester Freeze' time.
- Maximum duration of the degree program shall remain the same as specified.

Grading Scheme

- SGPA (Semester Grade Point Average) and the CGPA (Cumulative Grade Point Average) is to be calculated up to three and two decimal places respectively.
- The University follows absolute grading system as per HEC guidelines:

Percentage	Letter Grade	Grade Points
85 and above	A	4.00
80 – 84	A-	3.65
75 – 79	B+	3.33
71 – 74	B	3.00
68 – 70	B-	2.65
64 – 67	C+	2.33
61 – 63	C	2.00
58 – 60	C-	1.65
54 – 57	D+	1.33
50 – 53	D	1.00
Below 50	F	0.00
Incomplete	I	-
Withdrawal	W	-

- The grading scheme of a faculty may however vary as per the requirements of respective accreditation body / council.

48. Marks Distribution

- Typical marks distribution of a 3+0 and 3+1 Cr Hrs. courses as per HEC guidelines will be as follows:

3 + 0 Cr Hr Course (Course without Lab)	
Nature of Examination	Weightage (Min/Max)
Quizzes	5 – 15 %
Assignments	5 – 10 %
Midterm Examination	30 – 40 %
Final Examination	40 – 50 %

3 + 1 Cr Hr Course (Course with Lab)	
Nature of Examination	Weightage (Min/Max)
Quizzes	5 – 10 %
Assignments	5 – 10 %
Midterm Examination	20 – 30 %
Practical/Project (if applicable)	10 – 20 %
Final Examination	40 – 50 %

- Marks distribution of 3+0/3+1 Cr Hr. course in a particular faculty may however vary to cater for the requirements of concerned accreditation body/council.



POST GRADUATE PROGRAM (EASTERN MEDICINE)

Keeping in view the growing significance of Alternative & Complementary Medicine in the mainstream medical science emphasis on interpretation and advancement regarding Theories and Philosophies of Eastern Systems of Medicine is being given by the Faculty of

Eastern Medicine. The Faculty therefore offers admission in M.Phil. and Ph.D., to accelerate the research Studies on Theories and Philosophies of Eastern Medicine as well as Standardization of Unani Single and Compound Drugs to the eligible candidates. It requires in-depth thorough research

work for understanding and interpreting the basic concept of Unani Medicine and its application in the community. To accomplish the task research-oriented Faculty is available to enroll and guide the research students.

Post Graduate Programs M.Phil. and Ph.D. (Eastern Medicine)

Eastern Medicine M.Phil. Program First Year

First Semester				
Course Code	Course No.	Course Title	Marks	Cr. Hr.
MED1	111	Principles of Medicine	100	3
MED3	112	Therapeutics-I	50+50	2+1
MED5	113	Therapeutics-II	50+50	2+1
MED7	114	Rational Phytotherapy-I	50+50	2+1
MED9	115	Internal Medicine-I	100	3
Total Marks / Total Course 5			500	12+3
Second Semester				
Course Code	Course No.	Course Title	Marks	Cr. Hr.
MED2	121	Biostatistics	100	3
MED4	122	Therapeutics-III	50+50	2+1
MED6	123	Therapeutics-IV	50+50	2+1
MED8	124	Rational Phytotherapy-II	50+50	2+1
MED10	125	Internal Medicine-II	100	3
Total Marks / Total Course 5			500	12+3

3rd and 4th semester thesis credit hour 06 & marks 400
Total Credit Hour 36 Total Marks: 1400

- The student has to complete 24 credit hours course work.
- The student has to take 2 compulsory courses (for each semester).
- Compulsory courses.

Eastern Medicine Ph.D. Program First Year

First Semester				
Course Code	Course No.	Course Title	Marks	Cr. Hr.
MED1	111	*Advance Studies in Principles of Medicine-I	50+50	2+1
MED3	112	*Computer Applications in Health Education	100	3
MED5	113	Gastroenterology	50+50	2+1
MED7	114	Biostatistics	100	3
MED9	115	Fundamentals of Clinical Investigation	100	3
Total Marks / Total Course 5			500	13+2
Second Semester				
Course Code	Course No.	Course Title	Marks	Cr. Hr.
MED2	121	*Advance Studies in Principles of Medicine-II	50+50	2+1
MED4	122	Contemporary Practice of Drug Development	100	3
MED6	123	Principle of Pharmacology	50+50	2+1
MED8	124	*Designing Clinical Research	100	3
MED10	125	Contemporary Issues in Health Promotion	100	3
Total Marks / Total Course 5			500	13+2

3rd and 4th semester thesis credit hour 06
Total Credit Hour 36 Total Marks: 1000

- The student has to complete 18 credit hours course work.
- The student has to take 2 compulsory courses (for each semester).
- Compulsory courses.

Admission and Examinations Post Graduate Studies (M.Phil.)

Master of Philosophy (Eastern Medicine) Research

The Master of Philosophy (M.Phil.) was established in 2002 and is the first research-based postgraduate program in Eastern Medicine. This Master of Philosophy (M.Phil.) program is offered to BEMS graduates being supervised by qualified Faculty at Hamdard University.

Eligibility for Admissions

For the Master of Philosophy, a bachelor's degree (BEMS or equivalent degree), GAT / Equivalent Test is required as per HEC directives

Applicants should normally hold a master's degree or a bachelor's degree in Eastern Medicine from the University, or an equivalent qualification from another university or institution.

Areas of Research

Research in Eastern Medicine covers broad spectrum clinical sciences ranging from the design of research methodology, drug development of Unani research formulations, clinical trials through specified studies regarding therapeutics, philosophical and therapies aspects of Unani.

All applicants for research degrees must consult the faculty before making a formal application to establish that their research proposal is likely to be acceptable and that there are adequate resources and facilities for the research, as well as appropriate supervision. Formal applications must be accompanied by a four-page research proposal.

Procedure for Synopsis Submission

- Synopsis consisting of the objectives, plan of work, methodology and bibliography should be submitted for FRC.
- The Registrar shall present the application before the Board of Advance Studies and Research (BASR). The Board shall approve the title of the thesis, the name of the research supervisor and course requirement.
- The Registrar shall notify the decision of the BASR.
- Every candidate shall pursue his/her research at the Hamdard University, Karachi or any other institution approved by the BASR.
- No candidate shall, join another course of studies or appear at any University.

1. Progress Report

The Student through his Supervisor will submit progress report every six months for the consideration of BASR, Hamdard University.

2. Submission of Thesis

- After completion of course work thesis submission will be exceeded to one year as per policy of Hamdard University.
- The plan of thesis should be as follows;

statement of the problem to be investigated and introduction which should include the relevant background of the subject and scope of inquiry, precise description of methodology applied for the measurement or recording of experiments. The details of the data and analysis of the data should follow the results and discussion and conclusion. The precise literature citation should be on the standard format so that verification may be facilitated.

Types of Examinations/Evaluations

A student, during his/her course of studies (degree program), is under obligation to undergo all or some of the following exams/assessments/evaluations as applicable and depending upon his/her Faculty, HEC and accreditation body/council requirements:

- Quizzes, Assignments, Presentations, Mid-term Exam, Final Exam, Annual/Professional Exam.
- Project, Case Study, Practical Exam: e.g., Lab Work, Lab Manual, Lab Tasks, Oral Exam (Viva Voce).
- Independent Study Course Assessment (if taken), PhD Candidacy Qualifying Exam, Research Proposal Defence, Research Progress Report Evaluation, Internal and External Evaluation of research work, Open Defence along with Viva Voce Exam.

Minimum Attendance Requirements for Theory and Practical Exams

No student will be allowed to appear in any examination unless he/she has duly performed (DP) i.e., attended 75% of the lectures conducted, demonstrations, tutorials, lab work and clinical work whichever applicable as per faculty requirements. The parent department of the student will award fail grade (F) to short attendance cases.

Issuance of Admit Cards for Final Exams

Admit Card for Final Exams will be issued to students meeting following terms and conditions:

- Student status: Enrolled (Enrollment No./Enrollment Card issued)
- Attendance 75%
- Course-Teacher Evaluation: entered in Student Portal of CMS
- Fee due before Final Exam: Nil
- Student profile on <https://husis.hamdard.edu.pk>: 'Updated'

Award of Degree

- Minimum CGPA requirement for the award of degree:

Graduate (Masters) Programs: 2.50 Graduate (Masters)/Post-graduate (Doctoral) Students:

- A student must register (via CMS) in Area of Concentration (AoC) courses offered each semester.
- In general, a student can register in 4 courses (maximum) in a regular semester and 2 courses (maximum) in a summer semester, however, the minimum and maximum limits for a Faculty may vary in accordance with the relevant accreditation body/council.

Grading Scheme

- SGPA (Semester Grade Point Average) and the CGPA (Cumulative Grade Point Average) is to be calculated up to three and two decimal places respectively.
- The University follows absolute grading system as per HEC guidelines:

Percentage	Letter Grade	Grade Points
85 and above	A	4.00
80 – 84	A ⁺	3.66
75 – 79	B ⁺	3.33
71 – 74	B	3.00
68 – 70	B ⁻	2.66
64 – 67	C ⁺	2.33
61 – 63	C	2.00
58 – 60	C ⁻	1.66
54 – 57	D ⁺	1.33
50 – 53	D	1.00
Below 50	F	0.00
Incomplete	I	-
Withdrawal	W	-

- The grading scheme of a faculty may however vary as per the requirements of respective accreditation body/council.

48. Marks Distribution

- Typical marks distribution of a 3+0 and 3+1 Cr Hrs. courses as per HEC guidelines will be as follows:

3 + 0 Cr Hr Course (Course without Lab)	
Nature of Examination	Weightage (Min/Max)
Quizzes	5 – 15 %
Assignments	5 – 10 %
Midterm Examination	30 – 40 %
Final Examination	40 – 50 %

3 + 1 Cr Hr Course (Course with Lab)	
Nature of Examination	Weightage (Min/Max)
Quizzes	5 – 10 %
Assignments	5 – 10 %
Midterm Examination	20 – 30 %
Practical/Project (if applicable)	10 – 20 %
Final Examination	40 – 50 %

- Marks distribution of 3+0/3+1 Cr Hrs. course in a particular faculty may however vary to cater for the requirements of concerned accreditation body/council.

Admission and Examinations Post Graduate Studies (Ph.D.)

DOCTOR OF PHILOSOPHY (Ph.D.) Requirements

Doctor of Philosophy (Ph.D.) in Eastern Medicine is awarded for a thesis considered to be a substantially original contribution to the subject concerned.

The resolutions of the Academic Council for degree of Doctor of Philosophy (Ph.D.) highlighted in the University Calendar, Statutes and Regulations.

For Ph.D. master's degree or equivalent degree is required as per HEC directives.

Areas of Research

Research in Eastern Medicine covers broad spectrum clinical sciences ranging from the design of research methodology, drug development of Unani research formulations, clinical trials through specified studies regarding therapeutics, philosophical and sociological aspects of Unani therapies.

Doctor of Philosophy (Ph.D.) 4-8 years

All applicants for research degrees must contact the Faculty before making a formal application to establish that their research proposal is likely to be acceptable and that there are adequate resources and facilities for the research, as well as appropriate supervision. Formal applications must be accompanied by a four-page research proposal.

I. PhD. ADMISSIONS

Admission in Hamdard University is given according to merit

1. Eligibility for Admissions.

M.Phil. (Eastern Medicine) or Equivalent Degree, GAT/Equivalent University Test.

2. Procedure for Synopsis Submission

- Synopsis consisting of the objectives, plan of work, methodology and bibliography should be submitted for FRC.
- Board of Advance Studies and Research (BASR). Shall approve the title of the thesis, the name of the research supervisor and course requirement.
- The Registrar shall notify the decision of the BASR.
- Every candidate shall pursue his/her research at the Hamdard University, Karachi or any other institution approved by the BASR.
- No candidate shall undertake any employment during the period of his study. This rule shall not be applicable to the teaching faculty of the Hamdard University.
- No candidate shall, join another course of studies or appear at any other examination conducted by the University.

3. Progress Report

The Student through his Supervisor will submit progress report every six months for the consideration of BASR, Hamdard University

4. Submission of Thesis

- The candidate shall not be allowed to submit the thesis after the end of 8th year from the date of admission.

- The plan of thesis should be as follows; statement of the problem to be investigated and introduction which should include the relevant background of the subject and scope of inquiry, precise description of methodology applied for the measurement or recording of experiments. The details of the data and analysis of the data should follow the results and discussion and conclusion. The precise literature citation should be on the standard format so that verification may be facilitated.

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Award of Degree

- Minimum CGPA requirement for the award of degree:

Post-graduate (Doctoral) Programs: 3.00

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Practical/Project (if applicable)	10 – 20 %
Final Examination	40 – 50 %

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