INTRODUCTION

University of Karachi, founded in 1951, is one of the oldest institutions of higher learning in Pakistan. It offers rigorous and vibrant Graduate and Post-graduate degree programs in the fields of Arts, Business Management, Islamic Studies, Law, Medicine, Pharmacy, Science, Education and Engineering. The research and teaching programs are supervised by more than 1000 qualified faculty members. These postgraduate programs are being offered in 56 teaching Departments and 26 Research Institutes/Centers. University of Karachi offers the upcoming graduate and post-graduate students a multi-disciplinary environment, state-of-the-art laboratories, digital library, video conferencing facilities and is committed to its tradition of producing top-quality graduates in cutting-edge areas of Business and Management Sciences, Bio-Medical & Engineering Sciences, Social and Natural Sciences and Technology. The programs have been developed in view of the emerging needs of industries and R&D organizations, both in public and private sectors.

During the last five years, University of Karachi has awarded more than 1100 M.Phil/Ph.D degrees. Presently, more than 3000 students are enrolled in M.Phil, Ph.D. and other research degree programs. University of Karachi faculty members are pursuing research in various disciplines and publishing extensively in journals of international repute.
University of Karachi provides excellent opportunities to its postgraduate students and faculty members for scholarships, linkages and collaboration with the World's top Universities in research projects and sandwich/split programs. The faculty members are actively collaborating in different training and research programs with Universities / institutions /centers in countries such as USA, UK , Iran;, Costa Rica; Mexico; Perugia , Italy. Germany, Austria,. China, Netherland-France. Sweden, Poland, Greece.

REQUIREMENTS/ PROCEDURE FOR ADMISSION TO
M. Phil., M. Phil. LEADING TO Ph.D. and Ph.D.

A. Eligibility:

For M. Phil. and M. Phil. leading to Ph.D.

At least sixteen years of studies (M.A., M.Sc., M.B.A., M.P.A., M.A.S., M.I.S., M.Com., 4 years' B.S., Pharm-D, M.B.B.S., B.D.S., D.V.M. B.S./B.E. Engineering) or its equivalent qualification with at least second division in the relevant field. However, candidates with M.B.B.S., B.D.S., D.V.M., B. Pharm. or equivalent qualifications will be required to successfully complete 15 credit hour courses (300-600 level) before undertaking 24-credit-hour courses(700 level).

B. Admission Procedure:

M. Phil. and M. Phil. leading to Ph.D.

1. The candidate is required to appear in the Entrance Test 2013 conducted by the relevant department/center/institute of University of Karachi.

2. The candidate shall submit the following documents along with the Entrance Test Application form:
   i. Photocopy of the last transcript/marks statement.
   ii. Photocopy of Computerized National Identity Card.
   iii. Two passport size photographs.
   iv. Copy of valid NTS/University of Karachi Entrance Test if available.

3. i. There will be 20 percent weightage for NTS score, if valid, and the candidate will be exempted from appearing in section I (English + Communication Skills) of the University of Karachi Entrance Test. However, the candidate will have to clear section II (Subject knowledge and application of 80% marks).
   ii. Candidate holding valid KU Entrance Test (Section II held on 6.5.2012) but whose NTS has expired, will be required to appear in Section I of KU Entrance Test

   iii. Students who had passed University of Karachi Entrance Test held on 6-5-2012 will be exempted from appearing in the entrance test for 2013. However, they will have to apply on the prescribed form.

4. a) The test shall comprise of the following sections:

Section-I	English + Communication Skills	20%
Section-II	Subject Knowledge and Application	80%

b) The candidate will be required to score at least 40% marks in section I and 50%marks in section II separately to become eligible for consideration for provisional admission.

c) **Qualifying the admission test is no guarantee to admission.**

C. Provisional Admission:

i. Application for provisional admission will be considered on the basis of eligibility, merit, availability of seats and supervisors.

ii. Up to 20% admission will be given to candidates who completed their last degree from institutions other than Karachi University.

iii. Final admission list will be prepared by the Departmental Research Committee (DRC) according to the following formula:

a. 80% weightage will be for the marks obtained in the last basic degree.

b. 20% weightage will be for the marks obtained in the interview by the Departmental Research Committee of the concerned Department/ Center/ Institute. Distribution of Interview marks are given in Annex-I.

D. Submission of Forms For Provisional Admission:

Selected candidates for provisional admission are required to submit the following along with the duly filled admission form endorsed by the Chairperson/Director of the Department/Institute/Center and the concerned Dean:

i. Two recent passport size photographs duly attested by the Chairperson/Director of the Departments/Institute/ Centers concerned.

ii. Attested photocopies of certificates/ degrees from S.S.C. to Masters or the last pre-requisite exam.

iii. Degree holders of other Universities are required to submit Migration Certificate.

iv. An attested photocopy of computerized national identity card.

v. N.O.C. and two year's leave letter from the employer, if the candidate is in service or a certificate of non-employment stating that during research no employment shall be undertaken, executed on a stamp paper worth Rs. 20/- (attested by Notary Public/ Oath Commissioner). However, Teachers and Employees of organizations where research work is done are exempted from leave.

vi. In case of foreign students, N.O.C. from the Ministry of Education, Government of Pakistan, Islamabad and an attested copy of valid visa and passport.

vii. Certificate from the Equivalence Committee, University of Karachi, in case the accreditation status of the degrees is not clear.

viii. The Admission & Tuition fee

E. Course Work:

i. All selected candidates will be required to complete eight courses of 24 credit hours in two semesters.
ii. In each semester there will be four courses of 3 credit hours each.
iii. Each student will be required to take at least 2 courses from the parent department in each semester.
iv. In case, the courses of studies of the department have not been approved by the statutory bodies, the students may take courses from related/ allied subjects offered by different Department/ Center/ Institute, on the recommendation of Chairperson/DRC
v. Candidates are required to attend at least 75% classes of each course.
vi. The student has to pass the course work with CGPA 3.00 or more. In case the student fails to get the desired CGPA, he/ she will be allowed to improve the grade. Only one chance for improvement of each course studied will be given in the subsequent year.
vii. If the student fails to improve his/her grade even after the improvement chance he/she will be awarded a Post Graduate Diploma (PGD).

F. Confirmation of Admission:

i. After passing the course work with CGPA 3.0 or more, the student will be required to apply through proper channel for confirmation of admission and approval of research title.
ii. The student will submit a synopsis along with research topic, bibliography, name of the Research Supervisor and a copy of the marks certificate issued by the Semester Examination Section duly forwarded by the Supervisor, Chairperson & concerned Dean.

G. Duration of Study:

The duration of M. Phil. or Ph.D. program is as under:

a) M. Phil. Minimum two and maximum five years from the date of provisional admission.

b) Ph.D.
   i. Minimum one and maximum five years from the date of conversion to Ph.D.
   ii. Minimum two years and maximum five years for those admitted directly to Ph.D.

H. Evaluation & Award of M. Phil. Degree:

The thesis will be evaluated by two external examiners and the supervisor appointed by the BASR. The M.Phil degree will be awarded after receipt of

positive reports from the examiners, supervisor, successful oral defense of the thesis and approval by the BASR.

I. Conversion to Ph.D:

After one year of research, a student may apply for conversion from M.Phil. /Ph.D. to Ph.D. in consultation with the Supervisor. The application should be duly forwarded by the Chairperson and recommended by the concerned Dean.

The thesis can be submitted after one year from the date of application of conversion by the BASR.

REQUIREMENTS/ PROCEDURE FOR ADMISSION TO Ph.D

A. **Eligibility**:

I. M.S., M.Pharm., M.Phil, LLM or equivalent qualification in the relevant field from a recognized University.

II. The admission will be granted on the basis of Test / Interview by Departmental Research Committee of the concerned Department/Center/Institute for admission in PhD program. Distribution of Interview marks are given in Annexure - II.

B. **Evaluation and Award of PhD Degree**:

i. During the research, the student has to publish at least one paper in one of the reputed journals and submit a copy of the paper or a letter of acceptance along with the thesis to BASR. However, a copy of the published research paper is to be submitted before the award of Ph.D degree.

ii. The thesis will be evaluated by two foreign examiners from developed countries (subject to availability) and the supervisor appointed by the BASR.

iii. The Ph.D degree will be awarded after the receipt of positive reports from the examiners, supervisor and successful oral defense of the thesis and approval by the BASR.

APPOINTMENT OF SUPERVISOR:

Faculty members of University of Karachi/BASR approved supervisors holding M. Phil, Ph. D degree will be appointed as Supervisors of M.Phil, Ph.D candidates respectively.

Ph.D In Law

Each candidate will have to qualify both sections of Karachi University Entrance Test consisting of the following.

1) Section I i. General English
ii. Essay

Section II i. Jurisprudence
ii. Islamic Jurisprudence
iii. Interpretation of Statutes

2) The candidates securing 60% marks in each section shall be considered eligible to appear before the interview committee along with proposed research project, synopsis duly prepared in consultation with a qualified supervisor.

3) Final merit list of the candidates will be prepared based on the following criteria

a) Academic Achievements	20% (based on marks obtained in LLM)
b) KU-Entrance Test	60% (based on score on Entrance Test)
c) Interview/Viva Voce	20% (based on marks obtained in interview)

Admission to M.Phil./Ph.D. are being offered in the following Departments/Institutes/Center for the year 2013

Faculty of Arts:

01	Arabic
02	Economics
03	Education
04	English Linguistics
05	English Literature
06	General History
07	International Relation
08	Islamic History
09	Mass Communication
10	Persian
11	Philosophy
12	Political Science
13	Psychology
14	Sindhi
15	Sociology
16	Social Work
17	Special Education
18	Urdu

Faculty of Law:

01	Ph.D. only

Faculty of Management & Administrative Science:

01	Business Administration
02	Public Administration
03	Commerce

Faculty of Pharmacy:

01	Pharmaceutics
02	Pharmacognosy
03	Pharmacology
04	Pharmaceutical chemistry

Faculty of Islamic Studies

01	Islamic Learning
02	Quran & Sunnah
03	Usool-ud-Din
04	Shaikh Zayed Islamic Research Center

Faculty of Science:

01	Agriculture & Agribusiness Management
02	Applied Physics
03	Botany
04	Biochemistry
05	Chemistry
06	Computer Science
07	Food Science & Technology
08	Genetics
09	Geography
10	Geology
11	Mathematical Sciences
12	Microbiology
13	Physiology
14	Physics
15	Statistics
16	Zoology

Research Institutes and Centers:

01	Center of Excellence for Women's Studies (Women Studies)
02	Dr. A.Q Khan Institute of Biotechnology and Genetics Engineering (Biotechnology-KIBGE)
03	Dr Panjwani Center for Molecular Medicine & Drug Research (Molecular Medicine)
04	HEJ Research Institute of Chemistry (Chemistry-HEJ)
05	Institute of Sustainable Halophytes (Botany-ISHU)
06	Institute of Space and Planetary Astrophysics (Space and Planetary Astrophysics)
07	National Nematological Research Center (Nematology)
08	National Center For Proteomics (Biochemistry-NCP)
09	Institute of Marine Science

REQUIREMENTS/PROCEDURE FOR ADMISSION TO
M.S. (Surgery)/ M.D.(Medicine)

Eligibility:

i. Bachelor of medicine and Bachelor of Surgery (M.B.B.S.) and BDS or equivalent qualification from a recognized University plus one year house job.
ii. Copy of the valid registration certificate from Pakistan Medical and Dental Council (P.M & D.C).

Admission Procedure:

1. The candidate is required to appear in the University of Karachi Entrance Test 2013.
2. The candidate shall submit the following documents attested by class-I Gazette officer along with the Entrance Test Application Form:
   i. Photocopy of the last degree.
   ii. One year House job certificate.
   iii. Copy of the valid registration certificate from Pakistan Medical and Dental Council (P.M. & D.C.)
   iv. Photocopy of Computerized National Identity Card.
   v. Two passport size photographs.
   vi. Copy of valid NTS/University of Karachi Entrance Test.
3. i. Candidate will be given 20 percent weightage for Graduate Assessment Test NTS score, if valid, and the candidate will be exempted from appearing in section I (English + Communication Skills) of the University of Karachi Entrance Test. However, the candidate will have to clear section II (Subject knowledge and application of 80% marks)
   ii. Students who have passed University of Karachi Entrance Test held on 08-05-2012 will be exempted from appearing in the entrance test for 2013. However, they will have to apply on the prescribed form.

4. The test shall comprise of the following sections:

a. Section I English + Communication Skills: 20%
   Section II Subject Knowledge and Application: 80%
b. The candidates will be required to score at least 40% marks in section-I and 50% marks in section-II, separately, to become eligible for consideration for provisional admission

c. **Qualifying the admission test is no guarantee to admission.**

5. After qualifying the test the candidate is required to submit the following along with the admission form.

i. Two recent passport size photographs duly attested by the Head of Department / Centre/ Institute concerned.

ii. Copy of the valid registration certificate from Pakistan medical and Dental council (P.M & D.C).
iii. Degree holders of other Universities are required to submit Migration Certificates.
iv. Photocopy of Computerized National Identity Card.
v. Four years full time training during which he/she will do the course work/workshops and will submit certificate from the employer. This will be 5 years in case of sub-specialties. However, if the candidate is in service under his /her supervisor, NOC for the same from the employer is required.
vi. A certificate of non-employment stating that during training no employment (other than training program) shall be undertaken/ executed on a stamp paper worth Rs. 20/- (attested by Notary Public/ Oath Commissioner).
vii. In case of foreign students, N.O.C, from the Ministry of Education, Government of Pakistan, Islamabad and an attested copy of valid visa & passport.
viii. Certificate from the Equivalence Committee, University of Karachi, in case, the accreditation status of the degrees is not clear.
ix. The Admission & Tuition fee, given in fee structure (see page 16).

Appointment of the Supervisor:

Every student will have to select a supervisor and training slot at the beginning of the program. The supervisor must fulfill the criteria of the University of Karachi.

BASR shall approve the detailed plan of work on the subject or any of its branches and the supervisor on the recommendation of the Board of Faculty of Medicine.

Criteria of Appointment of Supervisor:

1. The Supervisor should have major postgraduate degree/ diploma i.e. FCPS, Ph.D, FRCS, FRCP, MRCOG, MS, MD or equivalent with at least 5 years standing.
2. The Supervisor should be working in an academic position (at least Associate Professor) in a teaching hospital/ institution.
3. The Supervisor of some other training/research program e.g. FCPS, should not have more than 8 trainees.
4. The Supervisor should provide University of Karachi with a structured training program for his candidate, including one year course work.
5. The Supervisor will guide his student in synopsis writing and check the synopsis before submission to University of Karachi.

Other details of the Program

i. Duration of the program will be four years. During the first year, the student will be required to complete 24 credit hours courses of basic sciences at the University of Karachi. The next 3 years will be structured clinical training program under the supervisor.
ii. There will be three assessments:
   A. Basic sciences examination to be conducted by relevant department of the University of Karachi.
   B. Thesis evaluation

C. Theory and clinical/practical examination by three examiners selected by BASR. The supervisor will not be an examiner.

iii. Candidates having MRCP, FRCS MRCOG, FCPS or other major degree/ equivalent will be exempted from Part-A and theory Part of Part-C. Accordingly they will be exempted from 1 year course work and their training period will be reduced to 2 years only.

Examination:

The examination shall consist of three parts.

Part A-Basic Sciences Examination:

Basic Sciences examination to be conducted by relevant, departments of the University of Karachi. At the end of each course, if the candidate fails, he/she has to re-appear and pass within 2 years of finishing course work. Only 4 attempts will be allowed. Meanwhile, candidate can join the clinical training program under intimation to the BASR section. In case a candidate fails to clear the basic science course exams, he/she will discontinue the program. However, candidate will be given a certificate of attendance only.

Part B-Thesis:

a) Each candidate shall submit a thesis dealing with the subject or any of its branches.
b) The candidate shall submit a declaration to the effect that thesis embodies the work conducted by the candidate.
c) The supervisor shall also submit a certificate to the effect that the facilities did exist at the institute for the work embodied in the thesis and that the work has not already been submitted as a thesis to any other university.
d) The thesis shall be examined by two examiners appointed by BASR on the recommendation of the Board of Faculty of Medicine.
e) The examiners shall report as to whether the thesis is accepted or rejected. In the event of a disagreement between the examiners, BASR shall appoint a third examiner and the opinion of two of the three examiners shall be carried.
f) Inadequacy of the thesis will be graded as

1. Inadequate:
   a. Minor alterations indicated, no extensive revision required, resubmission within 6 months.
   b. Resubmission in revised form not later than a date prescribed.
2. Totally inadequate: Rejected.

g) After approval of the thesis, the candidate shall be permitted to appear in Part-C of the examination.

Part C-Theory and Clinical and/ or Practical Examination:

The examination shall consist of:

i) One written paper in each of the three subjects approved by the BASR on recommendation of the Board of Faculty of Medicine.

ii) A viva voce and clinical/ practical examination conducted by a panel of three examiners approved by the BASR on recommendation of the Board of Faculty of Medicine. The Supervisor will not be an examiner.
The viva voce examination shall cover the entire field of the subject examiner including the thesis.

iii) Successful candidates will be declared as:
   a) Passed
   b) Passed with distinction.

iv) There will be two fixed exams per year in March &September.

v) Candidates having MRCP (UK), FRCS (UK), MRCOG (UK), FCPS (Pak) or and equivalent qualification, recognized by the Pakistan Medical and Dental Council, will be exempted from Part-A examination and written examination theory of Part-C. However, the candidate shall have to appear for a viva voce and clinical examination before the panel of examiners, appointed by BASR on the recommendation of the Board of faculty of Medicine.

The admission to the Doctor of Medicine (M.D.) is being offered in the following specializations:

1. Anesthesiology
2. Cardiology
3. Chest Medicine
4. Community Medicine
5. Dermatology
6. Hematology
7. Medicine
8. Neurology
9. Nephrology
10. Peads Cardiology
11. Psychiatry
12. Pediatrics

The admission to the Master of Surgery (M.S.) is being offered in the following specializations:

1. Anesthesiology
2. Cardiac Surgery
3. E.N.T
4. Gynecology & Obstetrics
5. General Surgery
6. Neuro Surgery
7. Ophthalmology
8. Oral Surgery
9. Orthopedic Surgery
10. Plastic Surgery
11. Pediatric Surgery
12. Thoracic Surgery
13. Urology

The Following are the Approved Hospitals:

1. Abbassi Shaheed Hospital, Nazimabad, Karachi
2. Jinnah Post graduate Medical Center, Karachi
3. Karachi Medical and Dental College.
4. Liaquat National Hospital, Karachi
5. National Institute Of Cardio Vascular Disease (NICVD).
6. National Institute of child head (NICH)

Sub-Specialties

Surgery Fields (M.S)

Orthopedics	
Urology	1 year Gen Surgery
Thoracic	3 years specific Surgery
Pediatric Surgery	Supervisor-specific field
Plastic Surgery	
Neurosurgery	
Cardiac Surgery (Entry only if FCPS/MD in surgery then 3 years training)	

Medicine Fields (M.D.)

Neurology	
Chest Medicine	1 year General Medicine, then 3 years specific
Dermatology	Supervisor-specific field
Nephrology	
Psychiatry	
Gastro enterology	
Cardiology	
	1 year general medicine
Hematology	3 years specific field
	1 year rotations in chemical patho, histopathology microbiology and parasitology

ADMISSION SCHEDULE

ACADEMIC CALENDER

1.	**DATE OF ADVERTISEMENT**	**SUNDAY 05-05-2013**
2.	**LAST DATE FOR SUBMISSION OF ADMISSION TEST FORM**	**06-05-2013 TO 21-05-2013**
3.	**LIST OF ELIGIBLE CANDIDATES FOR KU ENTRANCE TEST, DISPLAY ON WEBSITE AND DEPARTMENTAL NOTICE BOARD**	**SATURDAY 25-05-2013**
4.	**COLLECTION OF ADMIT CARD BY THE CANDIDATES ELIGIBLE FOR ENTRANCE TEST FROM THE CONCERNED DEPARTMENT OFFICE**	**27-05-2013 TO 30-05-2013**
5.	**DATE OF ADMISSION TEST FOR M.Phil../PH.D.. AND M.S.(SURGERY)/M.D.(MEDICINE)**	**SUNDAY 02-06-2013**
6.	**LIST OF SUCCESSFUL CANDIDATES IN ENTRANCE TEST, DISPLAY ON WEBSITE.**	**WEDNESDAY 05-06-2013**
7..	**INTERVIEW OF CANDIDATES AT THEIR RESPECTIVE DEPARTMENTS**	**MONDAY 10-06-2013**
8.	**DISPLAY OF FINAL MERIT LIST OF SUCCESSFUL CANDIDATES FOR PROVISIONAL ADMISSION ON WEBSITE.**	**MONDAY 17-06-2013**
9.	**ISSUANCE & SUBMISSION OF PROVISIONAL ADMISSION FORMS + FEE & DOCUMENTS ETC**	**18-06-2013 TO 28-06-2013**
10.	**TEACHING**	**16-07-2013**

First Semester 2013

Teaching	JULY 16, 2013 – NOV 15, 2013
Semester Examinations	NOV 20, 2013 - DEC 03, 2013
Semester Break	DEC 04, 2013 - JAN 01, 2014

Second Semester 2014

Teaching	JAN 02, 2014 – APRIL 25, 2014
Semester Examinations	APRIL 30, 2014 - MAY 26, 2014
Semester Break	MAY 27, 2014 – JULY 1, 2014

FEE STRUCTURE
FOR ARTS, ISLAMIC STUDIES & EDUCATION

FOR M.Phil STUDENT

S.No.		**Fee for 2013**
01.	Processing/Test Fee	2000/
02	Admission Fee	7,250/
03.	Semester Fee (per six month)	8,800/-
04.	Departmental Charges (Per Semester)	Rs. 2000/
05.	Thesis Evaluation Fee	Rs.14,800/
06	Examination Fee/Viva	Rs.7,300/
FOR PH.D STUDENTS		
01.	Processing/Test Fee	2000/
02.	Admission Fee	Rs.7,250/
03.	Semester Fee (per six month)	Rs.11,750/-
04	Departmental Charges.(Per Semester)	Rs. 4,000/
05.	Thesis Evaluation	Rs.21,950/-
06.	Examination Fee\Viva	Rs.14,750/

FEE STRUCTURE
FOR SCIENCE, PHARMACY, MANAGEMENT & ADMINISTRATIVE SCIENCES

FOR M.Phil STUDENT

S.No.		**Fee for 2013**
01.	Processing/Test Fee	2,000/
02	Admission Fee	7,250/
03.	Semester Fee. (per six month)	8,800/-
04.	Departmental Charges. (Per Semester)	Rs. 4,000/
05.	Thesis Evaluation Fee	Rs.14,800/
06.	Examination Fee/Viva	Rs.7,300/
FOR PH.D STUDENTS		
01.	Processing/Test Fee	2,000/
02.	Admission Fee	Rs.7,250/
03.	Semester Fee.(per six month)	Rs.11,750/-
04	Departmental Charges. (Per Semester)	Rs. 7,000/
05.	Thesis Evaluation	Rs.21,950/-
06.	Examination Fee\Viva	Rs.14,750/

FEE STRUCTURE
FOR FOREIGN STUDENT

01	Faculty of Arts (Semester Fee Per Year)	US$ 6655/
02	Faculty of Science (Semester Fee Per Year)	US$ 7986/
03	Faculty of Medicine(Semester Fee Per Year)	US$ 7986/

FOR M.S. (SURGERY) M.D. (MEDICINE)		
01.	Processing/Test Fee	5,000/
02.	Admission Fee	Rs.22,000//
03.	Semester Fee (per six month)	Rs.11,800/
04.	Thesis Evaluation	Rs.29,300/
05.	Examination Fee/Viva	Rs.14,800/

FOR PH.D. (LAW)		
01.	Processing/Test Fee	5,000/
02.	Admission Fee	Rs.7,250/
03.	Semester Fee (per six month)	Rs.11,800/-
04.	Thesis Evaluation	Rs.22,000/
05.	Examination Fee/Viva	Rs.14,800/

Note: All students will be required to pay Semester Fee till the submission of thesis / throughout the duration of studies.