

# ADVANCED STUDIES & RESEARCH BOARD



## A. S. R. B. PROSPECTUS 2021

M.Phil./M.S., LL.M., Ph.D., M.S.(Surgery), M.D.(Medicine)

**ADVANCED STUDIES & RESEARCH BOARD  
UNIVERSITY OF KARACHI**

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## INTRODUCTION

University of Karachi established in 1951, is one of the oldest institutions of higher education of Pakistan. It offers rigorous and vibrant graduate and post-graduate degree programs in the Faculties i.e. Education, Islamic Studies, Law, Management & Administrative Sciences, Medicine, Pharmacy & Pharmaceutical Sciences, Science, Arts & Social Sciences and Engineering. The research and the teaching programs are supervised by about 400 qualified faculty members. These postgraduate programs are offered in 58 teaching departments and 17 research institutes and centers.

University of Karachi offers its graduate and post-graduate students well equipped laboratories, digital library and video-conferencing facilities in a multi-disciplinary environment. It is committed to uphold its tradition of producing top-quality graduates in cutting-edge areas of Business and Management Sciences, Bio-Medical & Engineering Sciences, Technologies, Social and Natural Sciences. The programs are designed to match the emerging needs of industries and research and development organizations, both in the public and private sectors.

During the last five years, University of Karachi has awarded more than 2000 M.S.(Surgery), M.D.(Medicine), M.Phil. and Ph.D. degrees. Presently, more than 4300 students are enrolled in M.S.(Surgery), M.D.(Medicine), M.Phil. LL.M. and Ph.D., programs. Faculty members at the University of Karachi are engaged in pursuing research in various disciplines and publish extensively in journals of international repute.

University of Karachi provides excellent opportunities to its postgraduate students and faculty members for scholarships, linkages, trainings and collaboration with the world's top universities in research projects with the universities/institutions/centers in the technologically advanced countries.

## **ADMISSION REQUIREMENT AND PROCEDURE FOR** **M.Phil. / M.S.**

### **Eligibility Criteria**

At least sixteen years of studies (Masters degree, M.A., M.Sc., M.B.A., M.P.A., B.B.A.(4 years), M.A.S., M.L.I.S., M. Com., B.S.(4 years), B.E. in Chemical Engineering, B. Pharm., Pharm. D., M.B.B.S., B.D.S., D.V.M.) or equivalent qualification with at least second division in the relevant field from an HEC recognized university/institution. However, candidates with M.B.B.S., B.D.S., D.V.M. or equivalent qualification will be required to undertake 15-credit hour courses (300-600 level), in addition to 24-credit hour courses prescribed for M.Phil. program to be decided by the DRC and 30 credit hour courses for M.S. program. There is no requirement to submit Equivalence certificate for the graduates of Public Sector Universities.

**Note:** 6 credit hours of research work are mandatory for M.Phil. Those candidates who have done M.S. (with course work) are not eligible for admission in Ph.D.

**Moreover students with awaited results of final year may provisionally apply for the admission along with an Affidavit of submitting their final year marks sheets at the time of interview.**

One M.Phil. seat is especially allocated for the special person from each department/Centre/Institute.

The admission on special persons' reserved seats is granted only after the medical examination and verification from the Social Welfare Department, Government of Sindh and / or civil surgeon.

### **Admission Procedure**

1. All candidates will be required to submit the following documents along with the **ONLINE Entrance Test Application Form:**

- i. Consolidated transcript/marks certificate of the last degree examination.
- ii. Matric / O levels Certificate
- iii. Computerized National Identity Card.
- iv. Recent photographs.
- v. **Affidavit of Rs. 100/= as undertaking for submitting final year marks sheet in case of result awaited student (if applicable)**

2. Appearance in Karachi University Entrance Test 2021 is mandatory for all applicants who wish to seek admission in M.Phil./M.S. program to be conducted by relevant departments/centers/institutes of the University of Karachi.

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

<b>Section-I Subject knowledge</b>	<b>80%</b>
<b>Section-II English and Communication Skills</b>	<b>20%</b>

b) Candidates will be required to score at least 50% marks in each section to be eligible for consideration for the *provisional admission*.

c) If a candidate has already qualified the International (subject) GRE/GAT/NTS, he/she will be exempted from subject test component of KUET 2021. The validity of International (subject) GRE is 5 years and NTS/GAT is for two years. The passing score of GRE minimum is 50% and that of NTS/GAT is 70%. However, the candidate has to appear in KUET 2021 English test moreover, interview will be mandatory

***Note: Qualifying the admission test is no guarantee for admission.***

4. All the students who qualify the test will be required to appear in person for an interview to be conducted by the respective Departmental Research Committee (DRC) to finalize the admission procedure. Distribution of interview marks are given in **Annexure-II**.

### **Provisional Admission for M.Phil. /M.S.**

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

Final admission list will be prepared by the DRC according to the following formula:

- a. The marks obtained in the prerequisite degree examination will be given 50% weightage.
- b. The marks secured in the Entrance Test 2021 will be given 30% weightage.
- c. The marks obtained in the interview will be given 20% weightage.

### **Submission of Forms for Admission**

Candidates selected for provisional admission will be required to complete online admission form along with the submission of the following documents:

1. Recent photograph.
2. Certificates/ degrees from S.S.C. to Masters or the prerequisite exam.
3. Degree holders of other Universities must submit Migration Certificate.
4. Computerized National Identity Card.
5. A letter of leave for two years 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. 100/- (attested by Notary Public/ Oath Commissioner).
6. Teachers and employees of organization where research work is conducted are exempted from leave. However, a NOC from the employer and a certificate stating that employment is relevant to his/her research from the Chairperson/Director of the concerned Department/ Institute/ Center will be required and should be submitted within six months after the date of provisional admission.
7. In case of foreign students, NOC from the Ministry of Education, Economic Affairs Division and Ministry of Foreign Affairs, Government of Pakistan, Islamabad and a copy of valid visa and passport.
8. Certificate from the Equivalence Committee, University of Karachi, in case the accreditation status of the prerequisite degrees is not clear.
9. The Admission & Tuition fee mentioned in **Annexure-I**.

### **Duration of program**

The duration of M.Phil. and M.S. will be minimum of two (02) and maximum of four(4) years from the date of provisional admission. No further extension will be possible.

### **Appointment of Research Supervisor**

Faculty members of the University of Karachi / ASRB / HEC approved supervisors will be appointed as research supervisors.

### **Course Work**

#### **a) M.S. (with course work)**

1. All selected candidates will be required to complete 10 courses of 30 credit hours (each of 3 credit hours in four semesters) in 2 years. See **Annexure-IV** for details.
2. Every candidate will be required to submit details of courses duly endorsed by the course Incharge and Chairperson of the parent department in the Semester Examination Section on prescribed course selection proforma (**Annexure-IV**).

3. Candidates are required to attend at least 75% classes of each course.
4. In the first year all candidate will be required to complete 8 courses of 24 credit hours (4 courses in each semester). In the second year candidate has to pass the 2 courses of 6 credit hours (1 course in each semester) along with non-credit hours independent study (essay writing/project).
5. The candidate must clear the course work of 30 credit hours with minimum CGPA 3.00.
7. **A student who will be declared short of CGPR shall improve it in the next available single chance by appearing in any two courses having less than 70 marks i.e. B<sup>-</sup>.**
8. If the student fails to attain a CGPA of 3.00 or more even after the improvement chance, he/she will be given only a Post Graduate Diploma (PGD) instead of M.S. degree. Student can improve his/her CGPA in three years. Minimum 2.5 CGPA is required for Post Graduate Diploma.
9. **Those candidates who have done M.S. (with course work) are not eligible for admission in Ph.D.**

**b) M.Phil. (With Course and Research Work)**

1. All selected candidates will be required to complete 8 courses of 24 credit hours in two semesters (each course of 3 credit hours). See **Annexure-IV** for details.
2. Candidates are required to attend at least 75% classes of each course.
3. Every candidate will be required to submit details of courses duly endorsed by the course Incharge and Chairperson of the parent department in the Semester Examination Section on prescribed course selection proforma (**Annexure-IV**).
4. The student has to pass the course work with CGPA 3.0 or more.
5. **A student who will be declared short of CGPR shall improve it in the next available single chance by appearing in two courses having less than 70 marks i.e. B<sup>-</sup>.**
6. If the student fails to attain a CGPA of 3.00 or more even after improvement chances, after one year or overall within three years, he/she will be given only a Post Graduate Diploma (PGD) instead of M.Phil. degree. Minimum 2.5 CGPA is required for Post Graduate Diploma.
7. 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 proposal within one year.
8. The student will submit a research proposal according to the approved format of the ASRB through proper channel along with a copy of the marks certificate issued by the Semester Examination Section.

**Evaluation & Award of M.Phil. and M.S. Degree**

**i. M.S. (With Course Work)**

The student will submit a mark sheet of 30 credit hours course work with CGPA 3.0 or more along with application through proper channel in ASRB for the award of M.S. degree (with course work). They are not eligible for the admission in Ph.D.

**ii. M.Phil. (With Course and Research Work)**

The student will submit a research thesis which will be evaluated by two external examiners (outside Karachi) appointed by the ASRB. The M.Phil degree shall be awarded by the ASRB subject to positive reports of the supervisor, the two external examiners and a successful oral defense of the thesis by the candidate.

## **ADMISSION REQUIREMENT AND PROCEDURE FOR DOCTOR OF PHILOSOPHY (Ph.D.)**

### **Eligibility Criteria**

M.Phil., M. Pharm., M.S. (with research), MBA (with 4 years BBA) or equivalent qualification in the relevant field from HEC recognized university/institution. There is no requirement to submit Equivalence certificate for the graduates of Public Sector Universities.

**Moreover students awaiting award of M.Phil. degrees may provisionally apply for the admission provided their Thesis evaluation reports have been received by ASRB, University of Karachi.**

**Candidates from other Universities should submit an Affidavit stating the submission of degree award letter at the time of interview.**

One Ph.D. seat is especially allocated for the special person from each department/Centre/Institute.

The admission on special persons' reserved seats is granted only after the medical examination and verification from the Social Welfare Department, Government of Sindh and / or civil surgeon.

### **Admission Procedure (Ph.D.)**

1. All candidates will be required to submit the following documents along with the ONLINE Entrance Test Application Form:

- i. Consolidated transcript/marks certificate of the last degree examination.
- ii. Matric / O levels Certificate
- iii. Computerized National Identity Card.
- iv. Recent photograph.

2. Appearance in Karachi University Entrance Test 2021 is mandatory for all applicants who wish to seek admission in Ph.D. program to be conducted by relevant departments/centers/institutes of the University of Karachi.

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

<b>Section-I Subject knowledge</b>	<b>80%</b>
<b>Section-II English and Communication Skills</b>	<b>20%</b>

b) Candidates will be required to score at least 50% marks in each section to be eligible for consideration for the *provisional admission*.

c) If a candidate has already qualified the International (subject) GRE/GAT/NTS, he/she will be exempted from subject test component of KUET 2021. The validity of International (subject) GRE is 5 years and NTS/GAT is for two years. The passing score of GRE minimum is 50% and that of NTS/GAT is 70%. However, the candidate has to appear in KUET 2021 English test. Moreover, interview will be mandatory.

***Note: Qualifying the admission test is no guarantee for admission.***

4. All the students who qualify the test will be required to appear in person for an interview to be conducted by the respective Departmental Research Committee (DRC) to finalize the admission procedure. Distribution of interview marks are given in **Annexure-III**.

### **Provisional Admission**

Applications for provisional admission will be considered on the basis of eligibility, merit, availability of seats and supervisors. Final admission list will be prepared by the DRC according to the following formula:

- a. The marks secured in the Interview will be given 100% weightage.



### **Submission of Forms for Admission**

Candidates selected for provisional admission will be required to complete online admission form along with the submission of the following documents:

1. Recent photograph.
2. Certificates/ degrees from S.S.C. to M.Phil/MS or the prerequisite exam.
3. Degree holders of other Universities must submit Migration Certificate.
4. Computerized National Identity Card.
5. A letter of leave for three years 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. 100/- (attested by Notary Public/ Oath Commissioner).
6. Teachers and employees of organization where research work is conducted are exempted from leave. However, a NOC from the employer and a certificate stating that employment is relevant to his/her research from the Chairperson/Director of the concerned Department/ Institute/ Center will be required and should submit within six months after the date of provisional admission.
7. In case of foreign students, NOC from the Ministry of Education, Economic Affairs Division and Ministry of Foreign Affairs, Government of Pakistan, Islamabad and a copy of valid visa and passport.
8. Certificate from the Equivalence Committee, University of Karachi, in case the accreditation status of the prerequisite degrees is not clear.
9. The Admission & Tuition fee mentioned in **Annexure-I**.

### **Duration of Ph.D.**

The duration of Ph.D. is minimum of three (03) and maximum of eight (08) years from the date of provisional admission. No further extension will be possible. Moreover minimum duration for Ph.D. thesis submission is three (3) years from the date of synopsis approval.

### **Course Work for Ph.D.**

1. All selected students will be required to complete 18 credit hours course work.
2. Candidates are required to attend at least 75% classes of each course.
3. The student will submit a research proposal according to the approved format of the ASRB through proper channel.

### **Appointment of Research Supervisor**

Faculty members of University of Karachi/ASRB/HEC approved supervisors will be appointed as research supervisors.

### **Evaluation and Award of Ph.D. Degree**

During the research, the student must publish at least one research paper from the thesis in any HEC-recognized/international/national journal before the submission of PhD thesis. However letter of acceptance from HJRS categorizes, impact factor journal may be entertained provided the student submits a copy of published research paper in the ASRB Section before the award of Ph.D. degree.

The thesis shall be evaluated by two foreign examiners from HEC approved countries list. The Ph.D. degree will be awarded by the ASRB subject to the positive reports from the supervisor, two foreign examiners and a successful public defence followed by the viva voce examination.

## **ADMISSION REQUIREMENT AND PROCEDURE FOR LL.M**

### **Eligibility Criteria**

At least sixteen years of studies (BA.LL.B/LL.B) or equivalent qualification with at least 'Second Division' in LLB having at least 55 percent aggregate or have a minimum CGPA of 3.00 from an HEC recognized university/institution. There is no requirement to submit Equivalence certificate for the graduates of Public Sector Universities.

**Note:** 6 credit hours of research work are mandatory for LL.M.

### **Admission Procedure**

All candidates will be required to submit the following documents along with the **ONLINE Entrance Test Application Form:**

- i. Consolidated transcript/marks certificate of the last degree examination.
- ii. Matric / O levels Certificate
- iii. Computerized National Identity Card.
- iv. Recent photographs.

Appearance in Karachi University Entrance Test 2021 is mandatory for all applicants who wish to seek admission in LL.M. program to be conducted by School of Law University of Karachi.

The test shall comprise of the following sections:

<b>Section-I</b>	<b>Subject knowledge</b>	<b>80%</b>
<b>Section-II</b>	<b>English and Communication Skills</b>	<b>20%</b>

Candidates will be required to score at least 50% marks in each section to be eligible for consideration for the *provisional admission*.

**Note:** *Qualifying the admission test is no guarantee for admission.*

All the students who qualify the test will be required to appear in person for an interview to be conducted by the respective Departmental Research Committee (DRC) to finalize the admission procedure. Distribution of interview marks are given in **Annexure-II**.

### **Provisional Admission for LL.M.**

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

Final admission list will be prepared by the DRC according to the following formula:

- a) The marks obtained in the prerequisite degree examination will be given 50% weightage.
- b) The marks secured in the Entrance Test 2021 will be given 30% weightage.
- c) The marks obtained in the interview will be given 20% weightage.

### **Submission of Forms for Admission**

Candidates selected for provisional admission will be required to complete online admission form along with the submission of following documents:

1. Recent photograph.
2. Certificates/ degrees from S.S.C. to LL.B / B.A. LL.B.
3. Degree holders of other Universities must submit Migration Certificate.

4. Computerized National Identity Card.
5. A letter of leave for two years 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. 100/- (attested by Notary Public/ Oath Commissioner).
6. Teachers and employees of organization where research work is conducted are exempted from leave. However, a NOC from the employer and a certificate stating that employment is relevant to his/her research from the Chairperson/Director of the concerned Department/ Institute/ Center will be required and should submit within six months after the date of provisional admission.
7. In case of foreign students, NOC from the Ministry of Education, Economic Affairs Division and Ministry of Foreign Affairs, Government of Pakistan, Islamabad and a copy of valid visa and passport.
8. Certificate from the Equivalence Committee, University of Karachi, in case the accreditation status of the prerequisite degrees is not clear.
9. The Admission & Tuition fee mentioned in **Annexure-I**.

#### **Duration of program**

The maximum duration of LL.M. program is four (4) years from the date of provisional admission. No further extension will be possible.

#### **Appointment of Research Supervisor**

Faculty members of University of Karachi / ASRB / HEC approved supervisors will be appointed as research supervisors.

#### **LL.M. (With Course and Research Work)**

1. All selected candidates will be required to complete the required 24 credit hours course work.
2. Candidates are required to attend at least 75% classes of each course.
3. The student has to pass the course work with CGPA 3.0 or more.
4. **A student who will be declared short of CGPR shall improve it in the next available single chance by appearing in two courses having less than 70 marks i.e. B<sup>-</sup>.**
5. If the student fails to attain a CGPA of 3.00 or more even after improvement chances, after one year or overall within three years, he/she will be given only a Post Graduate Diploma (PGD) instead of LL.M. degree. Minimum 2.5 CGPA is required for Post Graduate Diploma.
6. 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 proposal.
7. The student will submit a research proposal according to approved format of the ASRB through proper channel along with a copy of the marks certificate issued by the Semester Examination Section.

#### **Evaluation & Award of LL.M. Degree**

##### **LL.M. (With Course and Research Work)**

The student will submit a research thesis which will be evaluated by two external examiners (outside Karachi) appointed by the ASRB. The LL.M. degree shall be awarded by the ASRB subject to positive reports of the supervisor, the two external examiners and a successful oral defense of the thesis by the candidate.

**ADMISSION REQUIREMENT AND PROCEDURE FOR**  
**M.S. (Surgery)/ M.D. (Medicine)**

The M.S. (Surgery) / M.D. (Medicine) program at the Faculty of Medicine, University of Karachi runs under semester system of examinations.

Faculty of Medicine, University of Karachi offers admission in M.S./M.D. program in the following fields:

<b>Doctor of Medicine (M.D.)</b>		<b>Master of Surgery (M.S.)</b>	
<b>S.No</b>	<b>Specialty</b>	<b>S.No</b>	<b>Specialty</b>
1	Anesthesiology	1	General Surgery
2	Community Medicine	2	Gynecology & Obstetrics
3	Dental Material	3	Operative Dentistry
4	General Medicine	4	Ophthalmology
5	Nephrology	5	Oral and Maxillofacial Surgery (OMSF)
6	Neurology	6	Orthopedic Surgery
7	Oral Biology	7	Otorhinolaryngology
8	Oral Pathology	8	Periodontology
10	Physiology	10	Plastic surgery
11	Psychiatry	11	Urology
12	Pulmonology		

**Eligibility:**

- i. Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.) or Bachelor of Dental Surgery B.D.S. or equivalent qualification with at least Second division from a Pakistan Medical Commission (PMC)/Pakistan Medical and Dental Council (PMDC) and Higher Education Commission (HEC) recognized University plus one year house job.
- ii. Copy of the valid registration certificate from Pakistan Medical Commission (PMC)/Pakistan Medical and Dental Council (PMDC).

**Admission Procedure:**

1. All candidates are required to fill the ONLINE application form for admission in MS /MD program at University of Karachi.
2. All required documents mentioned below must be attested by class-I Gazetted officer and submitted along with the ONLINE Entrance Test Application Form:
  - Photocopy of the last examination marks sheet.
  - Photocopy of the last degree.
  - Copy of the valid registration certificate from Pakistan Medical Commission (PMC).
  - Photocopy of the Computerized National Identity Card.
  - Passport size photograph.
  - One year house job certificate.
3. Candidates will be required to appear in the Entrance Test 2021 conducted by the Faculty of Medicine, University of Karachi. The test shall have a total of 200 marks and comprise of the following sections:
 

<b>Section I</b> English and Communication Skills:	20%
<b>Section II</b> Subject Knowledge:	80%
(MCQ 50% + Video Projected Clinical assessment 30%)	

- Candidates will be required to score at least 50% marks in section-I and 50% marks in section-II, separately to be eligible for consideration for Interview.

***Qualifying the University of Karachi Entry Test is no guarantee to admission.***

4. All the students who qualify the test will be required to appear in person for an interview to be conducted by the DRC/interview board of the Faculty of Medicine to finalize the admission procedure.

**Exemption from Entrance test:**

Exemption from University of Karachi entry test 2021 may be granted by ASRB on case-to-case basis if the candidate has acquired qualifications from American Board of Medical Specialties or holds FCPS, FRCP, MRCOG, FRCOG, MRCP, FFDRCSI, FDSRCS or other major degree/equivalent qualification of relevant specialty. Any candidate willing to obtain exemption from University of Karachi Entry Test must apply for the same at the time of ONLINE admission form submission. No request of exemption will be entertained after the conduction of University of Karachi Entry test 2021.

**Format of Karachi University Entrance Test:**

The entrance test shall have a total of 200 marks and shall comprise of the following sections:

- Section I** (English and Communication Skills): 20% = 40 Marks
- Section II** (Subject Knowledge): 80% = 160 Marks

**i. Section-I**

The section shall consist of 40 questions from English and Communication Skills.

**ii. Section-II**

The section will comprise two sub-sections. Both sub-sections are separate passing heads:

- MCQs 50% = 100 Marks
- Video projected clinical assessment 30% = 60 Marks

**a. MCQs paper**

The MCQs paper shall consist of 100 Multiple Choice Questions with single best answer. The MCQ's will be derived from different subjects as follows:

S.No.	Subject	No. of MCQs
i.	<b>Basic Sciences</b>	<b>50</b>
	a. Anatomy	10 from each subject
	b. Physiology & Biochemistry	
	c. Pathology	
	d. Pharmacology	
	e. Bio Statistics & Epidemiology	
ii. Any one	<b>Medicine and Allied ( MD)</b>	50
	<b>Surgery and Allied (MS)</b>	50
	<b>Dental Surgery ( MS)</b>	50

- Each correct answer will carry 1 mark and an incorrect response will result in deduction of 0.5 mark.
  - An applicant scoring **50%** of marks will be considered pass in written paper.
- b. Video-Projected Clinical Examination (VPCE)**
- The Video - Projected Clinical Examination will consist of 30 videos/slides.

- The Videos/slides shall consist of data, videos and images of patient's pictures, Histopathology slides, X-rays, CT-Scan, Laboratory test, video clips of patients and pathophysiological videos.
- Each correct answer will carry 02 marks and an incorrect response will result in deduction of 01 mark.
- The applicant scoring 50 % of marks shall be considered pass in Video-Projected Clinical Examination.

### **Result Declaration of Karachi University Entrance Test:**

The Successful candidates will be required to score at least 50% marks in each section and/or subsection, to be eligible for consideration in the interview.

### **Interview:**

Interviews of successful candidates will be held at the office of Dean, Faculty of Medicine by the DRC/Interview Board. Final credential of the candidate e.g., no. of attempts in each profession, any gold medals or distinctions, Diploma or minor qualification in relevant field. work /research experience in a recognized institution. Number of research articles published in a National or International Journal will be assessed. Professional attitude of the candidates will also be assessed as per enclosed format in **Annexure-V**.

### **Final Admission list**

1. Final admission list will be prepared by the Dean Faculty of Medicine according to the following formula:
  - i. The marks secured in the Entrance Test 2021 will be given 80% weightage.
  - ii. The marks obtained in the interview will be given 20% weightage.

### **Provisional Admission**

Candidates selected for provisional admission will be required to submit ONLINE admission form along with the following documents along with the completed admission forms duly signed by the Dean of the Faculty of Medicine:

- i. Copy of the valid registration certificate from Pakistan Medical Commission (PMC)/PMDC.
- ii. Degree holders of other Universities are required to submit Migration Certificates.
- iii. Computerized National Identity Card.
- iv. Candidates who are employed in Public/Private institutions require Four years leave/deputation for training and course work from the employer. This leave will be 5 years in case of sub-specialties.
- v. Teachers and employees of organization where training /research work conducted are exempted from leave. However, a NOC from the employer will be required.
- vi. Candidates who are not employed, 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. 100/- (Attested by Notary Public/ Oath Commissioner).
- vii. In case of foreign students, N.O.C. from the Ministry of Education, Economics Affairs Division and Ministry of Foreign Affairs, Government of Pakistan Islamabad and an attested copy of valid visa and passport.
- viii. Certificate from the Equivalence Committee, University of Karachi, in case, the accreditation status of the degrees is not clear.
- ix. Evidence of admission & Tuition fee, given in fee structure **Annexure-I**

### **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.

ASRB shall approve the detailed plan of work on the subject or any of its branches and the supervisor on the recommendation of the Dean, 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 in relevant field.
2. The Supervisor should be working in an academic position (at least Assistant/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 follow the structured training program provided by the University of Karachi (ASRB) for his/her candidate, including one-year course work and is required to submit progress report to the ASRB of the candidates quarterly.
5. The Supervisor will guide his student in synopsis writing and check the synopsis before submission to the University of Karachi.

#### **SCHEME OF STUDY**

##### **Duration of Program**

The duration of MD/MS program shall be minimum four (4) years and maximum of seven (7) years (in specialties) or minimum five (5) years and maximum eight (8) years (in subspecialties) with structured training in a University of Karachi approved institution under the guidance of an approved supervisor.

##### **Program Structure**

The MS/MD program at the University of Karachi consists of three parts. To qualify for the award of MS or MD at the University of Karachi a candidate is required to Pass all three parts independently. Moreover details regarding each part are stated below.

Part A: Course work in Basic Medical Sciences

Part B: Research & Thesis writing

Part C: Clinical Training (to commence from the day one of provisional admission)

##### **Part A: Course work in Basic Medical Sciences**

All selected candidates will be required to complete 24 credit hours courses in two semesters. The candidates are required to attend at least 75% classes in each course. At the end of course work, the candidate will be required to secure CGPA 3.0 or more, And if a students is declared short of CGPR he/she shall improve it in the next available single chance by appearing in any two courses having less than 70 marks i.e. B<sup>-</sup>. If a student fails to attain a CGPA of 3.00 or more even after improvement chances, after one year or overall, within three years, he/she will be given only a Post Graduate Diploma (PGD) along with the certificate of training and the admission in MS/MD will be terminated. A minimum of 2.5 CGPA is required for the award of Post Graduate Diploma.

A candidate may apply to ASRB through the Dean, Faculty of Medicine for exemption from Part-A and theory of Part-C assessment if he/she holds MRCP, FRCS MRCOG, FCPS or other major equivalent degrees. Their training period will be reduced to 2 years for specialty and 3 years for sub specialty. Candidates who have passed in the same sub specialty will be required 2 years of training. All other cases will be treated on the case to case basis.

### **Part B: Research & Thesis writing**

After passing the Part-A coursework with CGPA 3.0 or more, the student will be eligible for the submission of synopsis. The research proposal should be submitted according to approved format of ASRB along with a copy of the marks proforma issued by the Semester Examinations Section. The minimum duration for the submission of a thesis is one year from the date of synopsis approval.

A student must publish at least one research paper from a thesis in a HEC recognized journal before the submission of thesis or a letter of acceptance of an ISI impact factor journal. He/she will be required to submit a copy of the published research paper to ASRB before the award of the degree.

The thesis shall be examined by two foreign examiners appointed by ASRB on the recommendation of the Dean, Faculty of Medicine. The examiners shall report as to whether the thesis is accepted or rejected. In the event of a disagreement between the examiners, ASRB shall appoint a third examiner. After approval of the thesis, the thesis defense examination shall be held at the office of the Dean, Faculty of Medicine. Upon successful acceptance of thesis and satisfactory thesis defense, the candidate shall be permitted to appear in Part-C examination.

### **Part C: Theory and Clinical/ OSCE/Viva/Examination**

All candidates admitted in MS/MD courses shall appear in Part-C examination at the end of structured training program (Fourth year/Fifth year) and having declared Pass in Part-A and Part-B examinations. The examination shall be held on a biannual basis. The candidate who fails to pass the examination within 7 years/8 years of enrollment shall be dropped from the course. A total of maximum Five attempts shall be allowed within three years of completion of training to Pass Part-C of MS/MD program.

The Part-C examination shall comprise of the following three components. All three components are separate passing heads to be declared as Pass in Part-C and secure a minimum of 60% in each component:

- i. Written Examination: 300 marks**
  - a. Three papers of 100 marks each.
  - b. The examiner shall be approved by ASRB on the recommendation of Dean, Faculty of Medicine.
  - c. A candidate declared Pass in the first component (written examination) will be eligible to appear in second component (Oral & practical/clinical examination).
  
- ii. Clinical/OSCE/Viva Voce Examination 300 marks**
  - a. 1 long case 100 marks
  - b. 4 short cases 100 marks
  - c. OSCE/Viva Voce 100 marks

The candidate will be required to appear against a panel of three examiners approved by the ASRB on the recommendation of the Dean, Faculty of Medicine for the second component of Part-C (Oral & Practical/Clinical Examination). A maximum of three attempts to Pass in Oral & Practical/Clinical Examinations will be given to a candidate failing which the candidate will have to reappear in both First and Second component of Part-C Examinations.

- iii. Log Book Evaluation 200 Marks (50 marks per year)**



A candidate has to maintain the Log book throughout the length of the course, which has to be duly certified and evaluated by the Supervisor (in consultation with the Co-Supervisor, if appointed). The developed Log Book will be approved by ASRB on the recommendation of the Dean, Faculty of Medicine. The performance of the candidate shall be evaluated on annual basis i.e.50 marks/year. The log book shall reflect the performance of the candidate based on his/her competence of skills, assignments, attitude, behavior, journal club, lectures, presentations and clinico-pathologic conferences attended.

**Part C: Theory and Clinical /OSCE/Viva Voce Examination  
(For sub-specialty)**

Part C examination for sub-specialty shall be divided into two parts:

- i. Part C-I
- ii. Part C-II

Part C-I shall be held after completion of two years of training in the following format:

- |                       |                          |
|-----------------------|--------------------------|
| a. Written            | 100 Marks                |
| b. Clinical/OSCE Exam | 100 Marks                |
| c. Log Book           | 100 Marks (50 each year) |

Part C-II shall be held at the end of 5 years training and in the following format:

- |                     |                          |
|---------------------|--------------------------|
| a) Written          | 300 Marks                |
| b) Oral, & Clinical | 300 Marks                |
| c) Log Book         | 150 Marks (50 each year) |

**Award of MS/MD Degree**

After successful completion of the structured courses of MS/MD and qualifying Part-A, Part-B and Part-C examinations, the degree with the title MS/MD shall be awarded.

**ADMISSION SCHEDULE-2021**  
**M.Phil., M.S., LL.M., Ph.D., M.S. (Surgery) & M.D. (Medicine).**

<b>Date of advertisement</b>	June 13, 2021	
<b>Submission of ONLINE admission form for KUET 2021</b>	June 13, 2021	June 28, 2021
<b>Declaration of eligibility and issuance of admit card for KUET-2021</b>	July 9, 2021	
<b>Karachi University Entrance Test for M.Phil., M.S., LL.M., Ph.D., M.S. (Master of Surgery) &amp; M.D. (Doctor of Medicine)</b>	July 18, 2021	
<b>List of successful candidates of Karachi University Entrance Test</b>	July 25, 2021	
<b>Interview of successful candidates at their respective Departments/Centers/Institutes</b>	July 26, 2021	August 2, 2021
<b>Display of final merit list of successful candidates for provisional admission</b>	August 8, 2021	
<b>Submission of provisional admission forms &amp; payment of fee</b>	August 9, 2021	August 17, 2021
<b>Commencement of semester</b>	August 24, 2021	

**ACADEMIC CALENDAR**

**First Semester - 2021**

Teaching	August 24, 2021	December 6, 2021
Semester Examinations	December 15, 2021	December 31, 2021
Semester Break	January 1, 2022	January 20, 2022

**Second Semester - 2022**

Teaching	January 21, 2022	May 31, 2022
Semester Examinations	June 10, 2022	June 28, 2022
Semester Break	June 29, 2022	July 31, 2022

**FEE STRUCTURE – 2021**

<b>Faculty (Arts &amp; Social Sciences, Islamic Studies &amp; Education)</b>		
<b>S.No.</b>	<b>For M.Phil. Students</b>	<b>Fees</b>
1	Processing/Test Fee	5,000
2	Admission Fee	20,000
3	Semester Fee (per six months)	33,000
4	Departmental Charges (per semester)	5000
5	Thesis Evaluation/Viva Examination Fee	35,000

<b>S.No.</b>	<b>For Ph.D. Students</b>	<b>Fees</b>
1	Processing/Test Fee	5000
2	Admission Fee	20,000
3	Semester Fee (per six months)	38,500
4	Departmental Charges (per semester)	7000
5	Thesis Evaluation/Viva Examination Fee	65,000

<b>Faculty (Science, Pharmacy, Management &amp; Administrative Sciences)</b>		
<b>S.No.</b>	<b>For M.Phil. Students</b>	<b>Fees</b>
1	Processing/Test Fee	5000
2	Admission Fee	20,000
3	Semester Fee (per six months)	33,000
4	Departmental Charges (per semester)	7000
5	Thesis Evaluation/Viva Examination Fee	35,000

<b>S.No</b>	<b>For Ph.D. Students</b>	<b>Fees</b>
1	Processing/Test Fee	5000
2	Admission Fee	20,000
3	Semester Fee (per six months)	38,500
4	Departmental Charges (per semester)	10000
5	Thesis Evaluation/Viva Examination Fee	65,000

<b>Faculty (Law)</b>		
<b>S.No</b>	<b>For LL.M. Students</b>	<b>Fees</b>
1	Processing/Test Fee	10,000
2	Admission Fee	55,000
3	Semester Fee (per six months)	40,000
4	Departmental Charges (per semester)	7000
5	Thesis Evaluation/Viva Examination Fee	35,000

<b>Faculty (Medicine)-2021</b>		
<b>S.No.</b>	<b>M.S. &amp; M.D.</b>	<b>Fees</b>
1	Entrance Test Processing Fee	10,000
2	Entrance Test exemption Fee	11,000
3	Admission Fee	55,000
4	Semester Fee (per six months)	44,000
5	Exemption from training and examination fee	55,000
6	Thesis Evaluation/Viva Examination Fee	65,000

<b>Foreign Students</b>		
<b>S.No.</b>	<b>Name of Faculty (Semester fee per year)</b>	<b>Fees</b>
1	Faculty of Arts & Social Sciences, Education,	US\$ 5,000/-
2	Faculty of Science, Pharmacy, Management & Administrative Sciences	US\$ 7,200/-
3	Faculty of Medicine, Law	US\$ 10,000/-
4	Faculty of Islamic studies and Education	US\$ 5,000/-

**ADVANCED STUDIES AND RESEARCH BOARD  
UNIVERSITY OF KARACHI**

<b>INTERVIEW CRITERIA FOR M.Phil</b>						
	<b>Research, Knowledge, Experience and Aptitude</b>			<b>Oral Communication</b>	<b>Proposed Research Plan/ Project</b>	<b>Total</b>
	<b>Research Experience (thesis/project)</b>	<b>Research Dissemination (poster/presentation)</b>	<b>Publication</b>			
<b>Max Marks</b>	<b>04</b>	<b>04</b>	<b>02</b>	<b>10</b>	<b>10</b>	<b>30</b>
<b>Marks Obtained</b>						
<b>Comments</b>						
<b>Marks obtained in the Interview (out of 30)</b>						
<b>Marks obtained from Last Degree (50%)</b>						
<b>Marks obtained from test (20%)</b>						
<b>Total Marks Obtained (Out of 100)</b>						
<b>Name of Student:</b>						
<b>Form No:</b>						
<b>Department:</b>						

**Name and Signature of DRC Members**

- |          |          |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |

**Name and Signature of the Chairperson**

**ADVANCED STUDIES AND RESEARCH BOARD  
UNIVERSITY OF KARACHI**

<b>INTERVIEW CRITERIA FOR Ph.D.</b>						
	<b>Research, Knowledge, Experience and Aptitude</b>			<b>Oral Communication</b>	<b>Proposed Research Plan/Project</b>	<b>Total</b>
	<b>Research Experience (thesis/project)</b>	<b>Research Dissemination (poster/presentation)</b>	<b>Publication</b>			
<b>Max Marks</b>	<b>10</b>	<b>20</b>	<b>10</b>	<b>30</b>	<b>30</b>	<b>100</b>
<b>Marks Obtained</b>						
<b>Comments</b>						
<b>Total Marks Obtained in the interview out of 100</b>						
<b>Name of Student:</b>						
<b>Form No:</b>						
<b>Department/Institute/Center</b>						

**Name and Signature of DRC Members**

- |          |          |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |

**Name and Signature of the Chairperson**



**ADVANCED STUDIES AND RESEARCH BOARD  
UNIVERSITY OF KARACHI**

**No. ASRB/Exams/**

1. As per University of Karachi rules all M.Phil. Students are required to complete eight courses of 3 credit hours each (total 24 credit hours) in two semesters. With minimum CGPA of 3.
2. As per University of Karachi rules all M.S. students are required to complete ten courses of 3 credit hours each in four semesters (total of 30 Credit hours). In 1st year 8 courses (4 courses per semester) and in the second year 2 courses (1 course per semester).
3. Each student will be required to take 8 courses. There is no restriction to take 50% interdisciplinary courses. However, DRC of the respective department may reconsider this policy according to its specific need.
4. All newly admitted M.Phil., M.S. and M.S. (Surgery)/ M.D. (Medicine) students are required to submit the following information duly endorsed by the course Incharge and Chairperson/Director of parent department/ Institute/ center in the Semester Examination Section.

**SEMESTER - I / II**

S.No	Course No.	Course Title	Name of the Department offering the courses	Signature of the course Incharge
1				
2				
3				
4				
5				
6				

Name of Student: \_\_\_\_\_ Signature \_\_\_\_\_

Name of Department (Major): \_\_\_\_\_

Date: \_\_\_\_\_

**Chairperson/ Director  
(Parent Department)**

**ADVANCED STUDIES AND RESEARCH BOARD  
UNIVERSITY OF KARACHI**

**INTERVIEW CRITERIA FOR M.S. / M.D.**

	<b>Clinical / Subject / Research Knowledge / skills and Work Experience</b>				<b>Professional Attitude</b>	
	<b>No. of attempts in Prof. Exams / Distinctions / Gold Medal / Diploma / workshop Field / ACLS / BLS / Work Experience In relevant field.</b>	<b>Clinical / subject Knowledge / letter of recommendations / Good standing certificates</b>	<b>Research Publication / Research orientation</b>	<b>Surgical Cases / Procedures / performed Assist / Case Presentation</b>	<b>Motivation / Oral Communication/ Behavior / Personality</b>	<b>Total</b>
<b>Max Marks</b>	<b>30</b>	<b>20</b>	<b>10</b>	<b>20</b>	<b>20</b>	<b>100</b>
Marks obtained						
Comments						

Total Marks Obtained out of 100 = \_\_\_\_\_

Name of Student	
Form Number	
Specialty (MD / MS / Dentistry)	
Total marks obtained in interview out of 100	

**Name and signature of members DRC/Interview Board**

1. \_\_\_\_\_ 2. \_\_\_\_\_

3. \_\_\_\_\_ 4. \_\_\_\_\_

Name and Signature of Dean: \_\_\_\_\_