



***UNIVERSITY  
OF KARACHI***

***EVENING PROGRAM***

**ADMISSIONS  
2020**



For On-line Admissions, Please Visit: <http://www.uokadmission.edu.pk>

## **Our Vision**

**To become a globally recognized Centre of Excellence in Higher Education**

## **Our Mission**

**To attain International Excellence in Education and Research and to produce highly skilled human resource with a view to foster human values, truthfulness in our society and disseminate, contemporary knowledge in all academic disciplines**

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Faculty of Law	Prof. Dr. Nasreen Aslam Shah (Caretaker)	2464	32046762
Faculty of Pharmacy & Pharmaceutical Sciences	Prof. Dr. Rahela Ikram	2259	99261367
Faculty of Management & Administrative Sciences	Prof. Dr. Tahir Ali	2587	99261025
Faculty of Engineering	Prof. Dr. Tabassum Mahboob (Caretaker)	2255	99261077
Faculty of Science	Prof. Dr. Tabassum Mahboob	2255	99261077
Faculty of Medicine	Prof. Dr. Nargis Anjum	2381	99261372

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**GOVERNOR**

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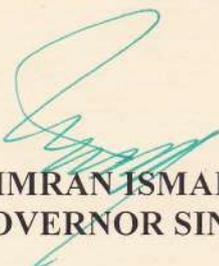
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**MESSAGE**

The University of Karachi is one of the leading educational institutions of Pakistan. It is responsible for disseminating quality higher education and research in diverse areas, thus making it a host for a large number of students both from the province of Sindh and other areas of Pakistan. This University has remained a beacon of knowledge since 1951 and produced distinguished leaders, politicians, diplomats, scholars and researchers who have served the nation and made us proud on many international forums. The University of Karachi enjoys a sound reputation not only at the national and regional levels but also is home to international students from various friendly countries.

Our growth and development is now dependent on the quality of education in our institutions. Research and quality education can guarantee our path to progress and enable us to develop our human resource. I would advise those who stand successful in obtaining admission in this prestigious institution to utilize their entire period of studies for the development of their full potential. It is only through our youth that we can envision a bright future for our country.

I am confident that the University of Karachi will continue to provide high quality education to its students and enable them to realize their full potential into becoming responsible leaders, researchers and professionals in various walks of life.

  
**(IMRAN ISMAIL)**  
**GOVERNOR SINDH**



# Office of the Vice Chancellor, University of Karachi Karachi-75270, Pakistan

**Prof. Dr. Khalid Mahmood Iraqi**  
Acting Vice Chancellor

## MESSAGE

A university is not just a degree awarding institution but also the highest seat of learning where students are given the opportunity to achieve academic excellence along with refinement of character, so that they make meaningful contribution in society. The University of Karachi was established with the same vision in 1951 and since then it has been actively engaged in imparting quality education with a special focus on research in a variety of disciplines. The teachers and research scholars working in the 54 departments and 19 research institutes of



100541105 of graduates III

different disciplines in its 68 years long journey --- a journey we would love to continue for centuries to come. The graduates of the University of Karachi hold important positions in their respective fields both in Pakistan and abroad. Currently, the University of Karachi has around 40,000 students including foreign students from different African, Middle-East and South Asian countries, who are studying in different departments and research institutes of the university. The fact that we have students not only from different regions of Pakistan but also from 12 different countries adds to its diversity and it is this diversity that makes Karachi University stand apart from other universities of Pakistan.

I welcome all the new students, local as well as foreigners, who I believe will excel in their field of interest and make the university proud of their achievements. I assure you that the time you spend on the university campus and the interactions you have both inside and outside the classroom will enrich your experience and inculcate in you the desire for continuous intellectual growth and professional development.

**Prof. Dr. Khalid Mahmood Iraqi**

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# Office of the Directorate of Admissions University of Karachi Karachi-75270, Pakistan

**Dr. Saima Akhtar**  
In-Charge

## MESSAGE

Welcome to the University of Karachi, home to a broad community of students, coming from all backgrounds, with the thirst for knowledge, a common goal. Karachi University is a place where we treat all students with the passion they deserve as the future nation-builders. We reach out to all our diverse range of students, valuing their aspirations, goals and the individual perspectives that they bring to the university, making it rich and vibrant in culture. We believe that education is everyone's birthright and degrees, their professional right, and here we offer everything that is pivotal for the personal as well as professional growth and development in almost every discipline.



The university has transformed its entire admission system granting ease of access to all prospective students across the globe by providing online application process. The admission forms are available online and applicants can submit their forms and fee without any hassle. Our fee structure and design of the offered programs are suitable for all regardless of their class and status, creating an environment that is conducive to learning.

The university offers undergraduate, graduate and post-graduate degree programs in the faculties of Islamic Studies, Education, Management and Administrative Sciences, Pharmacy, Law, Medicine, Science, Social Sciences and Arts. The university has a main library as well as departmental libraries equipped with digital as well as non-digital resources. As per the requirement of studies, departments have laboratories, seminar halls, large classrooms, and other resources. Moreover, a large number of well-qualified faculty members/teachers and researchers grace the decorum of academia.

Being educationists, we believe our students, the future of our nation, need proper guidance, financial support, social positivity, emotional stability and motivation to keep their spirits high, which, we believe, will result in high productivity. We are doing our best to facilitate our students to achieve their goals.

Based on past achievements, we trust in all of our stakeholders and especially the students for an even better well-reputed alma mater. My prayers and best wishes for all connected to this institution.

**Dr. Saima Akhtar**



# Directorate of Evening Program University of Karachi

**Prof. Dr. Nabeel Ahmad Zubairi**  
Director Evening Program

## MESSAGE

On behalf of the faculty and staff, I extend a very warm welcome to the potential students of Evening Program, University of Karachi 2020. There is no doubt that you are applying in a prestigious institution of higher education with history of academic excellence and commitment both at national & international arenas.



At the campus, you will find environment where we focus on efforts that make to enrich your creativity and enhance your critical thinking to enable you to embrace new ideas and values. Karachi University is much more than just a place to gain knowledge. It blends both academic theories and practices to gather and equip student to take knowledge based learning.

Evening program at the Karachi University is a smart opportunity for those who are unable to spare time in the morning program due to various reasons. It also provides a flexibility to pursue education along with part-time jobs.

Furthermore, Evening program at Karachi University is also a unique opportunity to form relationships with people of diverse fields, which can benefit you in developing networks for lifetime and can connect you into professional environments & competitive labor markets.

I strongly believe that, Karachi University's Evening Program is an onward marching program, providing quality education to the future generation and playing a positive role in nation building.

With Best Wishes for Every Success in your Studies,

**Prof. Dr. Nabeel Ahmad Zubairi**

# INTRODUCTION

The University of Karachi (herein after referred to as the University) established in 1951 by the Parliament through the “University of Karachi Act, 1950”, as a Federal University, which was redefined later in 1962 as a University in the province of Sindh. Accordingly, with the passage of time it emerged as a prestigious national institution imparting quality education at the higher level.

The University was initially housed in a congested compound comprising of the few buildings situated at the old Princes Street near Civil Hospital. However, the polluted and congested environment of the area was not conducive to the academic and research activities required for a quality output. Considering the need, the authorities sanctioned a plot located on the Country Club road (now university road) expanded over an area of 1279 acres of land for this purpose.

Today, University of Karachi holds the status of an active academic community, dedicated to achieving excellence at all levels of higher education and research. This premier institution has emerged as a dynamic place, keeping pace with academic advances and changes occurring globally.

A number of scientists and scholars affiliated with the University are securing at important positions both nationally abroad. They have been acclaimed as active and dedicated members of society striving to bring positive change and development in the intellectual mindset of the people of Pakistan.

Considering the increasing number of applicants every year, the University initiated its Evening Program a few years ago at BS/Hons. and Masters Levels. An independent Directorate of Evening Program was set up in 1995 to deal with the matters pertaining to studies in the evening, including admissions academics and administration.

At present, the University of Karachi offers B.A.(Hons.) / B.Sc.(Hons.) / BS / BBA / B.Ed./ BPA(Hons.)/ BLIS / MCS / M.Sc. /LL.B/ LL.M / M.Ed. programs in six disciplines, which include the Faculties of Education, Law, Management & Administrative Sciences, Pharmacy and Pharmaceutical Sciences, Science and Arts & Social Sciences.

Being an affiliating and examining body, Karachi University has granted affiliation to almost 138 colleges and institutes. It conducts examinations of about 1,50,000 students studying in these colleges/ institutes, prepare their results and awards degrees.

## The Karachi University Degree:

The degree awarded by the Karachi University is acknowledged globally and the University ranks throughout the world, among the *Top Universities of the World*, for the third consecutive

year, according to the world's most prominent ranking agency, *Times Higher Education* and *Quacquarelli Symonds (THEQS)*, UK.

To further strengthen the current standard of education & research, the University has also established a Quality Enhancement Cell in its main administration block. The prime objective of this Cell is to introduce self-assessment programs with a perspective to ensure quality education and research in all disciplines offered at the University.

As per recommendation of Higher Education Commission, University of Karachi introduced a four year BS program in 2007 abolishing its BA/BSc./B.Com. (Honors) programs. However, its Academic Council decided to offer both the programs concurrently. The admissions are announced in the following degree programs simultaneously:

- One Year BLIS after Graduation (two semesters)
- One Year M.Ed. after B.Ed. (two semesters)
- Two years M.Sc./MCS (four semesters)
- Three years B.A.(Hons.)/B.Sc.(Hons.) (six semesters)
- Three years LL.B (six semesters)
- Two years LLM (four semesters) after LLB
- Four years BS/BBA (eight semesters)
- Five years Doctor of Pharmacy (ten semesters)

The alumni list of Karachi University includes, inter alia, the world renowned personalities and famous scientists like Dr. Abdul Qadeer Khan and Prof. Dr. Atta-ur-Rehman. The fact makes the University proud of these eminent figures who are recognized for their service par excellence rendered for the promotion of higher learning and research.

Thriving as a research-oriented institution; the University offers courses that carry bear futuristic vision in all disciplines. This academic stance makes it easier for students to find a rightful place in the competitive job market at national as well as and international level.

## Evening Program:

To cope with the growing demand of learning opportunities, University of Karachi initiated its Evening Program in 1995. The program was specifically designed for those knowledge seekers willing to continue or advance their education along side with their professional lives. Later, its facilities as well as academic and research output attracted other students as well.

The evening program is based on self-finance grounds basis and offers Bachelors and Masters Programs in various disciplines in the Faculties of Education, Law, Management & Administrative Sciences, Pharmacy and Pharmaceutical Sciences, Science and Arts & Social

Science. Initially, the programs were started in a few departments of the University, however, later on many other departments joined in as well by extending their facilities and offering Bachelors and Masters Programs.

It is noteworthy that, the graduates of the Evening program are awarded degrees in the annual convocations. This way the students of the evening program stand in line with their morning fellows in terms of degrees acquisition as well. Both morning and evening programs follow the similar curriculum taught by the same faculty members.

In departments where laboratory experiments are a part of the offered courses, the evening program usually commences at 3:30 p.m., while in others, the teaching schedule is decided by the department's management as per the needs of the courses within the working hours of the Evening Program. These timings provide an excellent opportunity to in-service individuals intending to improve their academic qualifications for enhancing learning and career prospects. The admission process begins during the last quarter of the year through newspaper advertisements, while the classes for the first semester commence from January. All programs have two semesters per year with tuition fee payable in each semester. The classes are kept suspended during the Holy month of Ramadan.

## Who Should Enroll ?

- ❖ All prospective students willing to join the University to accomplish higher education.
- ❖ In-service candidates keen to improve their qualifications and skills.
- ❖ No gender discrimination should be mentioned as no additional seats are offered based on it.
- ❖ Contrary to the morning programs of the University of Karachi, there is no restriction regarding the year of passing, nonetheless, the pre-requisite examination must have been passed from a recognized Institution / University.

## GENERAL INFORMATION

### Office of the Students' Advisor:

“Students' Affairs office” is responsible for maintaining discipline among students. This office also assists the students, in academic career planning, self-reflection and exploration of options and resources.

In addition, each department has a student advisor, whose responsibilities include coordinating and executing curricular and co-curricular activities, particularly the annually celebrated students' week.

## Discipline Committee:

A discipline committee has been constituted to maintain law and order situation within the campus and ensure a proper academic environment. The Committee takes prompt notice of the cases of any infringement of law and order and undesirable activities at the campus, and executes disciplinary action against the offenders. The Vice-Chancellor chairs this Committee while the Advisor Students' Affairs is its member secretary. The Committee holds its meeting frequently to review the prevailing law and order situation, other related matters and make appropriate decisions, if required.

## Duration of Programs:

- One year Diploma
- One year M.Ed. after B.Ed. (two semesters)
- One year BLIS after Graduation (two semesters)
- Two years M.Sc./MCS (four semesters)
- Three years B.A.(Hons.)/B.Sc.(Hons.) (six semesters)
- Three years LL.B (six semesters)
- Two years LL.M after LLB (four semesters)
- Four years BS/BBA (eight semesters)
- Five years Doctor of Pharmacy (ten semesters)

Details regarding eligibility requirements and number of seats are given in Table-I for Masters, LLB, LLM and BLIS programs; Table-II for Bachelors Programs; Table-III for Diploma Program and Table-IV for Certificate Programs.

## Libraries:

Each department and institute at the campus has its own seminar library that contains books related to the subjects taught in the department. In addition, the main library, Dr. Mahmud Husain Library, situated near the administration block provides facility to consult thousands of books, M.Phil./Ph.D. thesis for students of various departments, research journals and other relevant publications.

Furthermore, the LEJ Digital Library also serves the Students by providing access a large number of books or journals on-line.

## Co-Curricular Activities:

Different programs are organized by the University to promote participation of its students in co-curricular activities and encourage a healthier environment. The schedule is announced by the office of the Students' Advisor. Sports facilities like grounds for hockey, cricket and football; courts for squash, badminton, tennis and basketball are provided at the campus.

## SYSTEM OF STUDIES

The University follows the semester system for execution of its academic processes each academic year consists of two semesters (details available in the Academic Calendar shown each at the beginning of this brochure). Every student is required to complete a total of 18 credit hours during one semester. However, in the Faculty of Pharmacy and Pharmaceutical Sciences, where 20 credit hours are required.

After successful completion of four semesters, if a student decides to leave the University or the Department, a B.A. or B.Sc. (Pass) degree can be awarded on request. Similarly, a B.A., B.Sc. (Honors) degree can be awarded to the student who wishes to quit the honours program after successful completion of six semesters.

A student of B.A.(Hons) / B.Sc.(Hons.) needs to take two subsidiary subjects alongside a major subject.

Students admitted in the University have to be conversant with the University rules and must abide by them.

Rules governing attendance and promotion are given special importance. Under these rules:

1. Minimum attendance requirement to appear in the terminal examination of any subject/course is 75%. For details please see 'Semester Examination Rules', booklet, available at the University Book Shop.
2. A student will not be promoted to the next higher level unless he/she has passed at least 80% of the courses. Admissions to masters program would not be granted unless the student has passed all the courses of Bachelors Program. These rules are being strictly followed as per decision of the University's Academic Council.

## INSTRUCTIONS FOR INTERNATIONAL STUDENTS

International students are admitted to this University on nomination from the Ministry of Foreign Affairs and Ministry of Education, Government of Pakistan, subject to eligibility.

These students are required to complete the following additional courses.

- a) BS/Hons. students have to study a special “English for Foreigners” course in the First Year, in addition to the English compulsory course taught at BS/Hons. level.
- b) They are also required to complete a certificate course in “Urdu Language for foreign students” organized by the Department of Urdu, University of Karachi.

At the BS/Hons.level, Foreign Students are required to pay Rs.2,26,000/- per academic year.

## ADMISSIONS POLICY

Admissions in Karachi University are granted according to merit under “K”, “S” and “P” categories as approved by the Academic Council. However, certain seats are reserved for Children of Karachi University Teachers and Employees, children of Armed Forces Personnel and Special Persons. etc. Merit is the only criterion for obtaining admissions on the reserved seats, as well.

1. University employees who seek to get admission on the seats reserved for them will have to submit a statement containing essential details of employment duly certified by the Head of the concerned department.
2. Special persons who seek to apply for seats reserved for them are required to submit a medical certificate issued by the Social Welfare Department, Government of Sindh and / or civil surgeons
3. Similarly, admissions on the reserved seats for children of Armed Forces Personnel are given only on the nominations from General Head Quarters of the Armed Forces of Pakistan.

### Admissions on Merit Seats

Since the number of applicants for the Bachelors and Masters Programs is much higher than the number of seats available, the admissions have been categorized in three groups i.e. K, S and P. Each category is defined as follows:

## Category "K"

Category "K" refers to those applicants who have passed their Secondary School Certificate (SSC or Matric), Higher Secondary Certificate (HSC or Intermediate) or equivalent, and graduation from the educational institutions which are situated in Karachi and are also recognized by or affiliated with the University of Karachi.

Additional 5% of the seats, open merit, seats in each department have been reserved for applicants who have completed their graduation from other degree awarding institutions, situated in Karachi and recognized by the University of Karachi.

## Category "S"

Category "S" refers to those applicants who have passed at least one of the SSC/Matric, HSC/Intermediate or Bachelors degree examinations from a recognized educational institution in the Province of Sindh (excluding Karachi).

## Category "P"

Category "P" refers to those applicants who have passed at least one of the SSC/Matric, HSC/Intermediate or Bachelors degree examinations from a recognized educational institution outside the Province of Sindh.

Preference in admissions is given to "K" category candidates. If the eligible applicants are fewer than the seats and the seats are left vacant, then "S" category candidates are considered. If seats are still available then consideration is given to "P" category candidates.

## Change of Category (For Open Merit Based Departments)

Candidates who fulfill the following conditions can apply for change of category from S or P to K.

1. Those students whose parent (father or mother)/guardian has the domicile of Karachi but they have passed the pre-requisite examination from abroad that was conducted by any registered International Institution or any Pakistani Board or University, will have to produce the domicile certificate and copy of CNIC of their parent /guardian, showing their permanent address in Karachi.
2. Students whose parent / guardian are employed with Federal or Sindh Governments, Autonomous or Semi-autonomous bodies, Government Corporations, or Armed Forces, and who have been posted in or transferred to Karachi during the last 03 years (for Bachelors program) or 05 years (for Masters program) will have to produce the appointment/deputation/transfer letter and joining letter of their Parents (father/mother)

along with their application. Such candidates must have completed their further education from educational institutions located in Karachi after the date of transfer or posting of their parents.

3. Additional 3% seats in each department have been allocated for those candidates who have passed their pre-requisite examinations from a recognized educational institution located outside Karachi but they have their initial education including SSC/Matric and HSC/Intermediate from Karachi. Such candidates should have a CNIC and Permanent Residence Certificate (PRC) of Karachi and their parents should have the domicile and CNIC indicating their permanent address in Karachi. Candidates below the age of 18 years are required to submit scan copy of their 'B'-Form.
4. A candidate who comes under 'S' or 'P' category, but she/he has got married to a permanent resident of Karachi should submit a copy of the 'Nikah nama' along with the domicile and CNIC of his/her spouse showing his/her permanent address in Karachi.

### **Application for Change of Category (For Open Merit Based Departments)**

All such applicants who fulfill any of the criteria for change of category to 'K' described above, should attach, with their forms, an application on plain paper for change of category together with the required documents mentioned above. At the time of admission, they will have to produce the original and copies of all the documents.

Note: The candidates who are applying for Test-based departments are not required to apply for change of category.

### **Admissions of Reserved Seats:**

Seats have been reserved for dependents of Karachi University Employees and Special Persons. Candidates for admission to these seats should ensure that they meet the criterion of eligibility for the University as well as the concerned department. The candidates shall mention the type of reserved seats on top of their form they are applying for.

## Admission on Self-Financed Seats:

University of Karachi offers admissions on self finance seats as well. Faculty wise amount (Per Seat) for self finance is as follows.

S #	Faculty	Bachelors	Masters
1.	Faculty of Management & Administrative Sciences	Rs.5,00,000/-	Rs.3,00,000/-
2.	Faculty of Arts & Social Sciences, Science & Islamic Studies	Rs.4,00,000/-	Rs.3,00,000/-
3.	Faculty of Pharmacy and Pharmaceutical Sciences	Rs.6,00,000/-	--
4.	Department of Computer Science	Rs.5,00,000/-	Rs.3,00,000/-

### Note:

- Candidates seeking admission on self finance seats are required to pass KU Entry Test of their respective Department / Faculty, if applicable.
- The amount of fee will be taken in a lump sum, at the time of admission. However, candidates who have got admission on self financed seats must complete their degree / Program at the stipulated time (semesters / years) to avoid extra fees. A penalty of Rs. 200,000/- will be charged for each additional year.

## Conditions for Eligibility:

Following are the conditions for eligibility, whether applying for merit or reserved seats:

1. Admission will be granted as per eligibility criteria mentioned in the Table (I, II, III and IV). Grace / Condonation marks will not be counted. A student placed in 3rd division or obtaining less than 45 percent marks in the prerequisite examination cannot be admitted into the University.

Candidates who have already completed their graduation are not eligible for admission to BS/Hons. course in any department. Similarly, candidates who have completed masters Degree Programs are not eligible to apply for admission to the Masters evening program. If any such case comes to the notice, the student's admission will be cancelled, and legal action can be initiated against him / her.

2. Candidates seeking admission on the basis of certificates other than those given in the conditions of eligibility in Table (I, II, III and IV). should get the ***equivalence of their certificates*** determined by the University Equivalence Committee well before the scheduled date for announcement of admission list. Candidates passing ‘O’ Level, ‘A’ Level or other foreign certificates should also get the equivalent of their grades and marks determined by the ***University of Karachi or Inter Board Chairman Committee (IBCC)*** before the scheduled date otherwise their application shall not be entertained. Candidates possessing DAE certificates are reminded that even after the determination of equivalence they will be considered for admission in only selected departments mentioned in this booklet. They are instructed to attach their ***consolidated mark sheets*** with the admission forms; otherwise the forms would not be entertained.
3. 20 marks will be given to those candidates who are Hafiz-e-Quran, for Bachelors / Masters programs, after producing the Hifz-e-Quran from recognized institutes, provided that they are not third division (less than 45% marks) holders.

**Inadvertent admission of candidates from non-recognized institutions can be cancelled at any time.**

## **Eligibility for Admissions:**

The number of merit seats in different departments together with the conditions of eligibility is mentioned in Table (I, II, III and IV). The subjects which are pre-requisite for admission to different departments have also been identified. Preference will be given to the candidates who had opted same subject in Intermediate / HSC as have applied for admission, an exception being the departments where clarification in this regard has been made in column of eligibility. In case of subjects such as International Relations, Mass Communication, Public Administration, not taught at the intermediate level, other alternative subjects have been mentioned in the relevant column.

## **Admission Form:**

1. The date of opening of admissions, availability of forms, submission of online forms and other details are announced through the online portal [uokadmission.edu.pk](http://uokadmission.edu.pk) and University of Karachi website [www.uok.edu.pk](http://www.uok.edu.pk) and advertisements in the newspapers.
2. Application forms will be available on the website [www.uokadmission.edu.pk](http://www.uokadmission.edu.pk) with all the relevant instructions as well as the demo for guidance of the students. **The applicants are required to read the instructions carefully. In case, if any mistake is committed by the applicant, the University shall not be held liable for such omission/commission.**

3. Applicants are instructed to select departments strictly in accordance with eligibility criteria listed in Table I for Masters Program and Table II, III & IV for Bachelors/Certificates/Diploma's Program. **A maximum of 05 choices of departments can be given in order of preference. The names of the departments should be mentioned very carefully since it is not possible to make any changes in the form once it is submitted.**
4. Closing percentages for Bachelors/Masters Admissions 2018 are given in Table-VI, Page No.68 respectively. These percentages are only for guidance.
5. A candidate can apply for admission on Open Merit and Test Based Departments through same online forms, if any candidate submits more than one form for admission in Evening Program, all of her/his forms will be cancelled.
6. The provisional merit list of successful candidates will be displayed on the website of the University on the dates mentioned therein.

## **Procedure of Admission for selected candidates:**

The list of successful candidates shall be displayed on [www.uok.edu.pk](http://www.uok.edu.pk).

## **Instructions for candidates whose names appear in the Admission Merit List:**

Candidates whose names appear on the admission list must complete all the formalities for admission within the stipulated time, otherwise their admission will lapse and no claim will be entertained.

The following documents are required to be submitted for completion of the admission process:

1. Print out of duly filled application form, submitted online by the applicant.
2. Original Marks Sheet of the last examination i.e. H.S.C./Intermediate or equivalent for Bachelors and Bachelors degree/Graduation for Masters Program (non-returnable).
3. Original character certificate from the Head of the last attended institution. For external candidates, a character certificate is required from any gazetted officer (non-returnable).
4. Original and copy of the CNIC of the candidate. In case where the candidate is below 18 years of age, the original and copy of his/her parents (father/mother/guardian) CNIC. The original will be returned after verification.

5. The original certificate of S.S.C./Matric, H.S.C./Intermediate, A/O Level and an attested copy of the same. The original will be returned after verification.
6. 3 recent photographs (1x1.5 inch) on a white background.
7. Payment of prescribed Fee. (**Table-V Page No.64**)

## **Date and Timings of Classes:**

- a) **Regular Classes shall commence from January 15<sup>th</sup>, 2020.**
- b) Classes will start at 3:30 p.m.
- c) The University rules regarding the attendance and promotion from one class to another are the same as applicable to the morning students of the University of Karachi.
- d) **In order to commence teaching, the minimum number of students enrolled in Masters and Diploma programs is 35 while, for Bachelors programs the minimum number is 45.**

### **Note:**

**If the minimum number of students does not register by paying the fee in time, the program shall not be initiated and the fee shall be refunded to the registered students.**

### **Important Note:**

Any admission secured on the basis of fake documents or misinformation shall be cancelled and fees shall be confiscated in favor of the University of Karachi at any time. It is to be pointed out that all admissions are provisional and subject to verification of documents.

## **For Further Information please contact:**

Office of the Directorate of Admissions:

Phone: 99261300 (7 Lines) Ext: 2479, Direct: (021) 99261376, 9926 1330 and 9926 1332

Office of the Directorate of Evening Program

Phone: 99261300-6 Ext: 2339, Direct: 99261574

## Department of

# Arabic

**Introduction**

The department of Arabic University of Karachi, was established in 1955. Since its inception the department is enjoying the patronage of renowned scholars of international repute. From the outset, the Department started functioning under the auspicious headship of the renowned scholar Professor Allama Abdul Aziz Memoni. The department has a highly qualified faculty engaged in the dissemination of knowledge.

The cautiously chosen syllabus considering the demands of the students and the existing period, offers excellent study of the ancient times and the contemporary era. It is indeed a confluence of ancient and modern Arabic Literature, Language and Linguistics. Besides academic activities, co-curricular activities are also arranged like, debates, study tours, picnics and other events to enhance and polish the abilities and talent of students. At present forty-two (42) courses of Arabic Literature, Language and Linguistics are offered including computer and research methodology.

**Facilities**

The Department offers a number of facilities to its students so that they pursue their studies in a very conducive environment equipped with latest technology. It has a well stocked seminar library on a variety of subjects, a Computer Lab equipped with computers of latest version with internet facility, and modern Audio Visual Aids.

**Career Opportunities**

The degree in Arabic would prove to be a key of success opening the doors of diversified fields such as teaching, translation, (academic, diplomatic and commercial etc.) and electronic media as well.

**Faculty Members****Assistant Professors**

- Ms. Fatema Zainab (*In Charge*)
- Dr. Asif Saleem
- Dr. Muhammad Imran Latif Khokar
- Dr. Muhammad Abdul Hameed Nabeel
- Dr. Muhammad Faezul Ebraar
- Dr. Aziz ur Rehman

**Lecturer**

- Mr. Abdullah M. Yousuf Khan

**Evening Program Available**

- Certificate Course (Arabic)

**For Further Enquiry**

**Telephone:** 99261300-06 Ext- 2273

**Website:** [www.uok.edu.pk/faculties/arabic](http://www.uok.edu.pk/faculties/arabic)

**Email:** [arabic@uok.edu.pk](mailto:arabic@uok.edu.pk)

Department of

# Criminology

## Introduction

Masters program in Criminology was initiated in 1995. Dr. Naseer A. Shaikh, Dr. Abdul Wahab, Dr. Muhammad Shoaib Suddle, Prof. Shamim Hashmi, Dr. Fateh Muhammad Burfat, and Mr. Jameel Yousuf were the pioneers of the program. The program was upgraded and the Department of Criminology was established in 2014. The major objective of the program is to provide the students with hands-on training in the specialized fields of criminology such as control of violence and terrorism, forensic criminology, policing, security, criminal investigation, juvenile justice system, organized crime, money laundering, fraud and drug abuse related issues.

## Facilities

Since the Department of Criminology is a relatively new department, efforts are being made to develop well-equipped Forensic, Computer Laboratories and Seminar Library

## Career Opportunities

Criminologists are employed in Police, Military, Intelligence Agencies, National Accountability Bureau, national and international NGO's and are also working as Parole and Probation Officers, Juvenile Court Workers, Criminal Investigators, Security Experts, Crime Reporters, Correctional Counselors, and Rehabilitation Counselors etc.

## Faculty Members

### Associate Professor

- Dr. Ghulam Muhammad Burfat (*Chairman*)

### Assistant Professor

- Dr. Naima Saeed

**Evening Program Available**  
• B.A.(Hons.)

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2583

**Website:** [www.uok.edu.pk/faculties/criminology](http://www.uok.edu.pk/faculties/criminology)

**Email:** [gmuhammad@uok.edu.pk](mailto:gmuhammad@uok.edu.pk)

Department of

# Economics

## Introduction

The department of Economics is one of the largest departments in the Faculty of Social Sciences. It was established in 1950-51 with the enactment of the University of Karachi Act, at the old campus in the city, and was later shifted to its present location in 1960. Professor Newman Joseph Adams, an American national, was appointed as the first Chairman of the department. Due to its academic stance the department of Economics has the distinction of being recognized as a premier department in the country. Many of its graduates, have had secured key positions at various national as well as international organizations. It is because of these standards that the department was accorded with the honor of establishing a center of national capability in Economics by the name of "Applied Economics Research Center" through a grant from the Sindh Government.

## Facilities

The seminar library has a good collection of books and periodicals related to Economics, Finance and Transport, In order to fill the gaps, inter-library books borrowing and lending facilities are also available with other major libraries in the city. The department has two well-equipped computer labs.

## Specific Research Areas

The research interest of the teaching faculty includes: International / Global Economics; Monetary Economics; Islamic Economics; Innovation & Productivity; Globalization Economics Growth; Development Economics; Banking & Finance; Human Resource Management and Financial Economics.

## Career Opportunities

Graduation from Economics Department provides an opportunity of fresh graduates to secure respectable positions in various national and international institutions. They include State Bank of Pakistan; Planning Commission; Ministry of Finance & Economics Affairs; national and private banks; research institutions and finance & brokerage companies; teaching positions in universities and colleges; and mid-career level managerial positions in national and multinational companies.

## Faculty Members

### Professors

- Dr. Khalid Mustafa
- Dr. Abdul Waheed
- Dr. Roohi Ahmed (*Chairperson*)

### Associate Professors

- Dr. Nooreen Mujahid
- Dr. Rummana Zaheer

### Assistant Professors

- Dr. Rubina Hassan
- Dr. S. Wiqar Hussain
- Mr. Syed Muhammad Ali
- Dr. Muhammad Ahsanuddin
- Ms. Seema Siddiqui Hai
- Dr. Safia Qamar
- Mr. Mirza Muhammad Shehzad
- Ms. Saba Masood
- Dr. Lubna Naz
- Mr. Muhammad Haseeb
- Dr. Zeeshan Atique

### Lecturers

- Ms. Rabia Shakir
- Mr. Muhammd Umair

## Evening Program Available

- B.A./B.Sc. (Hons.)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2270

**Website:** [www.uok.edu.pk/faculties/economics](http://www.uok.edu.pk/faculties/economics)

**Email:** [economics@uok.edu.pk](mailto:economics@uok.edu.pk)

## Department of

# English

## Introduction

The Department of English was established in 1955. It was once located in Shivjee Muraji building in Nanak Wara, a historical neighborhood near the city centre. In January 1960 when the university moved to its present location, the department was housed on the first floor of the Old Block in the Faculty of Arts, now called the Faculty Arts and Social Sciences. Professor Dr. Ahsan Farooqui was the first head of the department. Since then, the department has had the honour of being stewarded by a long succession of illustrious internationally recognized scholars.

The department is committed to the vision and tradition of inculcating a higher consciousness of English as a discipline, and offers a wide range of courses in its various graduate and postgraduate programmes. It pursues excellence in English Studies by creating and maintaining a culture of teaching and research in a congenial, yet academically rigorous environment.

The three-year BA (Honours) degree programme has been designed to give students a broad and firmly grounded exposure to the English literary canon.

The MA (English) programme builds on the foundations laid by the BA (H) course of studies. The MA (English) degree is aimed not only at exposing students to global literatures in English and cutting edge literary theory, but also seeks to equip them with practical tools (such as literary pedagogy and TESL) vital for career success in the field of education.

The MA (ELT and Applied Linguistics) programme is an intensive one-year training for pre-service ELT practitioners as well as for those looking to make a career in mass media discourse and applied communication sciences. In addition to these programmes, the department also offers research specializations at the level of Master of Philosophy (M Phil) and Doctor of Philosophy (PhD). Since these are highly selective, advanced degree programmes, they are offered subject to the availability of the relevant faculty experts.

## Facilities

- Seminar Library and reading room.
- Conference Room with audio-visual facilities.
- Computer Room with research facilities.

## Areas of Study and Research

- Early Modern English Literature
- American Literature
- Literary Theory
- Literature and society
- Romanticism
- Comparative Literature
- English Syntax
- World Englishes
- Sociolinguistics
- Psycholinguistics and Semantics

- Media Discourse
- Discourse Analysis
- Postcolonial Literature and Criticism
- Teaching of English as a Second Language

## Career Opportunities

Students of the Department of English have joined a variety of professional fields including but not limited to CSS, advertising, digital and electronic media, banking, teaching, educational administration, research and translation. Needless to add, while job opportunities for English graduates are excellent in general, the best of our graduates are in demand all over the country and even abroad.

## Faculty Members

### Professor

- Dr. Farhana Wazir Khan

### Associate Professor

- Dr. Iftikhar Shafi (*Chairman*)

### Assistant Professors

- Ms. Nishat Wasim
- Ms. Huma Shakir
- Ms. Lubna Shaheen
- Mr. S.M. Tayyab Zaidi
- Dr. Shumaila Shafket Ali
- Dr. Faisal Nazir
- Mr. Wajdan Raza
- Dr. Bushra Ahmed Khurram
- Ms. Ibtisam Afreen

### Lecturers

- Ms. Lubna Hasan
- Mr. Muhammad Babur Khan Suri
- Mr. Muhammad Moonis Azad
- Mr. Syed Farhan Shaukat
- Mr. Abdul Basit

## Evening Program Available

- B.A. (Hons.)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2268

**Website:** [www.uok.edu.pk/faculties/english](http://www.uok.edu.pk/faculties/english)

**Email:** [english@uok.edu.pk](mailto:english@uok.edu.pk)

Department of

# History

## Introduction

Department of History, established in 1953, is one of the oldest departments of Karachi University. The department had the world renowned scholars such as Dr. Mahmood Hussain, Dr. Riazul Islam and Dr. M. H. Siddiqui as its pioneers.

## Facilities

- Dr. I.H. Qureshi Memorial Library
- Raizul Islam Audio Visual Center
- Teaching Museum
- Internet facility for research students

## Specific Research Areas

Medieval History, Modern/Contemporary History, Archeology, History of Sindh, Socio-Economic modern history, history of conflict and public policy demography.

## Career Opportunities

In terms of jobs after graduation, students can work in Media research organization, NGO's and can even work as civil servants after qualifying in competitive exams (CSS, PSC etc.).

## Faculty Members

### Professors

- Dr. S. M. Taha
- Dr. Nasreen Afzal (*Chairperson*)

### Associate Professor

- Ms. Nargis Rasheed

### Assistant Professors

- Dr. Hina Khan
- Dr. Kiran Shahid Siddiqui
- Dr. Muhammad Moiz Khan
- Dr. Farah Deebe Mansoor
- Dr. Humiera Naz
- Ms. Kishwar Khan
- Dr. Abdul Jabbar Khan
- Dr. Samra Sarfaraz Khan

### Lecturer

- Ms. Mahreen Jamal

**Evening Program Available**

- B.A. (Hons.)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2272

**Website:** [www.uok.edu.pk/faculties/generalhistory](http://www.uok.edu.pk/faculties/generalhistory)

**Email:** [genhist@uok.edu.pk](mailto:genhist@uok.edu.pk)

Department of

# International Relations

## Introduction

The Department of International Relations is the oldest Department in the field of International Relations in Pakistan and the third oldest in South Asia. It was established in 1958 and is proud of offering B.A./M.A./M.Phil. and Ph.D. programs. More than 700 students are studying at the undergraduate and graduate level both in its morning and evening programs. Since its inception, the Department of International Relations has been active in organizing international and national conferences, seminars and workshops.

## Facilities

The Department has a seminar library, which stocks more than 4000 books and also subscribes 15 research journals related to different areas of study. The Department has a well-equipped computer lab, which provides access to online research journals and databanks to facilitate the research activities.

## Specific Research Areas

The faculty of International Relations consists of highly qualified teachers. They have expertise in the area of International Relations Theories, Security Studies, Peace Studies, International Law, Human Rights, Confidence Building Measures, Arms Control and Disarmament, Terrorism, Environmental Studies, Conflict Resolution, South Asia, Middle East, North America, and Russian & Central Asian Studies.

## Career Opportunities

Graduates of the Department have vast opportunities of employment in different fields, including media, research institutions, Foreign Embassies, civil services, banks and universities.

## Faculty Members

### Professor

- Dr. Shaista Tabassum

### Associate Professors

- Dr. Naeem Ahmed (*Chairman*)
- Dr. Farhan Hanif Siddiqui

### Assistant Professors

- Dr. Syed Amir Hameed
- Dr. Nausheen Wasi
- Mr. Fahimuddin
- Mr. Muhammad Faisal Awan

### Lecturer

- Mr. Amjad Ali

## Evening Program Available

- B.A(Hons.)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2274

**Website:** [www.kuird.edu.pk](http://www.kuird.edu.pk)

**Email:** [ir@uok.edu.pk](mailto:ir@uok.edu.pk)

Department of

# Library and Information Science

## Introduction

Department of Library Science, established in 1956, was the first ever to offer a professional degree in Pakistan. Masters in Library Science (M.L.S.) has been offered since 1962. Since 1982 the Department has been known as the Department of Library and Information Science, and information control / management became an integral part of the studies. Computer lab for practical training was established in 1984. Ph.D. Program of the Department was initiated in 1967.

The founder Chairman, Dr. Abdul Moid was the first Ph. D. holder in Library Science from the USA (1964). He was also the Chief Librarian of Karachi University Library (presently Dr. Mahmood Hussain Library). The Seminar library of the Department, inaugurated in 1985, is named after him.

## Facilities

The Department of Library and Information Science has a well-stocked seminar library, a practical lab for cataloguing and classification and well-equipped computer lab having 34PCs with the facility of networking and Internet. Multimedia, slide projectors, sound system and other equipments are available for academic and co-curricular activities.

## Specific Research Areas

Research is actively pursued by the faculty in their respective fields of interest. The students are also required to produce research at various levels, ranging from short assignments to the optional Final year thesis.

## Career Opportunities

As knowledge and information is needed by everyone everywhere, all types of academic / research/ professional institutions need librarians. The need of a trained person to control and to search relevant information in modern times has become a necessity. Opportunities for outgoing students are open in public and private sector and packages offered are better in comparison to other professions. In government offices, BLIS / BS degree holders are offered 16/17 (BPS) and MLIS 17 (BPS) and above.

## Faculty Members

### Associate Professor

- Dr. Munira Nasreen Ansari (*Chairperson*)

### Assistant Professors

- Dr. Farhat Hussain Khan
- Dr. Naveed-e-Sehar
- Dr. Rifat Parveen Siddiqui
- Dr. Muhammad Waseem Zia

### Lecturers

- Mr. Rashid Ali
- Ms. Rabia Aslam

## Evening Programs Available

- BLIS

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2249

**Website:** [www.dlisuok.edu.pk](http://www.dlisuok.edu.pk)

**Email:** [dliis.uok@gmail.com](mailto:dliis.uok@gmail.com)

Department of

# Mass Communication

## Introduction

Established as the Department of Journalism in 1955 with a diploma course for working journalists, it was renamed as the Department of Mass Communication in 1985. The department was established with an aim to produce qualified and trained journalists and media professionals to cater to the growing needs of the media industry. A full-fledged M.A. program replaced the diploma program in 1962 to modernize media education in the country.

## Facilities

The department has six well-equipped labs: teaching and training lab, TV lab, news lab, advertising lab and two computer labs, (one each for Urdu and English). The department runs FM Radio channel which provides a training base in radio broadcasting to the students.

## Career Opportunities

Students have wide ranging job opportunities in the growing industry including media and advertising and public relations. Some of the students conveniently find positions in private sector FM radio and TV channels and print media even before completing their graduation.

At both Bachelors and Masters level the department offers specialization in three different streams;

- Print Media
- Electronic Media
- Advertising and Public Relations

## Faculty Members

### Assistant Professors

- Ms. Samina Qureshi
- Dr. Fouzia Naz *(In Charge)*
- Dr. Sadia Mahmood
- Dr. Asmat Ara
- Dr. Muhammad Osama Shafiq
- Dr. Naveed Iqbal Warsi
- Dr. Syed Azfar Ali
- Dr. Raana Afzal

### Lecturer

- Mr. Naveed Arshad

## Evening Programs Available

- B.A. (Hons.)
- Certificate Course in Mass Communication

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2278

**Website:** [www.uok.edu.pk/faculties/masscommunication](http://www.uok.edu.pk/faculties/masscommunication)

**Email:** [masscommunication@uok.edu.pk](mailto:masscommunication@uok.edu.pk)

Department of

# Persian

## Introduction

The department of Persian was established in 1955 with a view to provide facilities for advanced studies and research in the fields of Persian language and literature with emphasis on the literature produced in the Indo-Pak subcontinent and to familiarize the younger generation of this country with the history, language and literature of Iran. Persian has been the second language of the Islamic World for centuries and is primarily known in Europe for its unique literary tradition which has produced some of the greatest epic, narrative and lyric poems of world literature. It is also known as the lingua franca of the cultural and political elite in the early modern Indian Sub-continent. Though its historical significance alone makes Persian worthy of study, it is also an important Modern Language. Modern Persian has passed through several stages of transformation since the mid nineteenth century, and is a creative, flexible language which has established itself as the national of such geopolitical and economically important countries as Iran, Afghanistan and Tajikistan.

It is also spoken in several neighboring countries, including Bahrain, Uzbekistan and Turkmenistan among others.

Pakistan has a historic relationship with the Persian language and has a rich heritage in this language. To keep in touch with our cultural and literary heritage the teaching of the Persian language is very essential.

## Seminar Library

The Seminar Library has a stock of more than 8000 books and 1500 journals.

## Specific Research Areas

- Persian Prose and Prose Writers
- Persian Poetry and Poets
- Literary History of Persian Language in Iran, Afghanistan and South Asia
- Persian Sufistic Literature
- Persian Language Grammar
- Literary Theories and Criticism

## Career Opportunities

A wide range of opportunities are available to the graduates of the Persian in Public sector organizations and private institutions such as Media, Advertising agencies. Translation and Interpreting Bureaus, Teaching and Research institutions, Foreign and Information Ministries etc.

## Faculty Members

### Associate Professor

- Dr. Shehla Salim Noori (*Chairperson*)

### Assistant Professors

- Dr. Ramzan Bamari
- Dr. Faizeh Zehra Mirza
- Dr. Muhammad Nazir

### Lecturers

- Mrs. Faiza Khatoon
- Ms. Bilquees

## Evening Programs Available

- Certificate Course in Persian Language
- Diploma Course in Persian Language

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2280

**Website:** [www.uok.edu.pk/faculties/persian](http://www.uok.edu.pk/faculties/persian)

**Website:** [persian@uok.edu.pk](mailto:persian@uok.edu.pk)

Department of

# Political Science

## Introduction

The department of Political Science was established in 1952. It has since then offered programs for the award of research degrees of M. Phil. and Ph.D. in Political Science and its allied fields.

The Department of Political Science has been actively engaged in playing an important role in the overall development of the University. It has been the mother of the Department of International Relations, Sociology and Public Administration. At present, the department is second in the Faculty of Social Sciences, after Economics, in terms of the number of students enrolled.

## Facilities

The department has a fully functional Seminar Library with over 2000 books. Most of the books are recent publications in the subject in both English and Urdu. The library also offers dailies, periodicals and research journals for reading to its students. Moreover, there is a well-equipped specialized seminar library with latest books and periodicals in all the areas relevant to Public Policy. The Library maintains a reference section which has a collection of books for ready reference.

## Computer Lab

The Computer Lab is equipped with high speed computers, printers and scanner facilities. These computers are networked with a server and a stand by server. Audio/ Visual aids including multimedia option are used during presentations/lectures. Internet access is also available to the students.

## Specific Research Areas

Global Politics, Political Economy, International Relations, Comparative Politics, Islamic Political System, Government and Politics of Pakistan, Western Political Theory, Foreign Policy Theory and practice with reference to India, USA, UK, China and the Muslim countries.

## Career Opportunities

In addition to teaching and research positions in academic settings, Political Science degree holders are prepared for careers at all levels of government as well as journalism, International business,

International risk analysis and Political campaign organization. Their survey skills of and analytical skills of statistics are in high demand both in public and private sectors. Their knowledge and scientific education on current affairs, both national and international, cater to the needs of the job market especially competitive exams.

## Faculty Members

### Professors

- Dr. Nusrat Idrees
- Dr. Samina Saeed
- Dr. Summer Sultana (*Chairperson*)

### Associate Professor

- Dr. Muhammad Ali

### Assistant Professors

- Dr. Muhammad Kamran Khan
- Dr. Syed Shameel Ahmed Qadri
- Mr. Mehboob Hassan Muqaddam
- Dr. Suwaibah Qadri
- Dr. Shahla Tehseen

## Evening Program Available

- Diploma in Local Government and Administration (DLG)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2347/2342

**Website:** [www.uok.edu.pk/faculties/politicalscience](http://www.uok.edu.pk/faculties/politicalscience)

**Email:** [politicalscience@uok.edu.pk](mailto:politicalscience@uok.edu.pk)

## Department of

# Psychology

## Introduction

The department of Psychology came into existence in 1954 under the Chairmanship of Professor Dr. Qazi Aslam. It gradually attracted both students and teachers with the result that teaching and research psychologists like Dr. Haseen Uddin Zuberi, Dr. S. M. Hafeez Zaid, Dr. Farrukh Z. Ahmed, Dr. Afzal Imam and Dr. M. Wasim led the department to its present academic heights. It has now become one of the leading departments in the Faculty of Social Sciences.

Since 1956, the teaching and practice of Clinical psychology has enjoyed popularity both amongst teachers and students of the department.

Teachers of the department are also members of the Sindh Psychological Association and the Pakistan Psychological Association. They also act as subject specialists in the Provincial and Federal Public service commission for the appointment of teachers in colleges. Seminars, lectures, mental health camps, conferences and professional development courses, etc. are arranged for the students so that they remain updated with current activities and are able to grow intellectually.

## Facilities

The department's library has a collection of over 800 books. This collection includes latest books, research publications and encyclopedias. The department is fully equipped with audio-visual aids for meeting the instructional needs.

The Department of Psychology is committed to mental health awareness, and offers Psychological Services which include, Assessment Counseling and Psychotherapies to students, faculty, staff members and community at large.

## Specific Research Areas

The Faculty members are actively involved in pursuing important areas in research. Some research topics include: child development relationship, gender issues, community psychology, therapeutic techniques and diagnosis, organizational behavior, consumer behavior, social and psychological issues.

## Career Opportunities

After earning a Masters degree in Psychology (Clinical/ Industrial / Educational / Investigative Psychology), students can pursue careers in any of the

following fields:

- Organization
- Clinical Setup
- Educational Institutes
- Law Enforcement Agencies
- The Armed Forces.
- NGOs

## Faculty Members

### Professors

- Dr. Anila Amber Malik
- Dr. Farah Iqbal
- Dr. Qudsia Tariq (*Chairperson*)

### Associate Professors

- Ms. Rubina Feroz
- Dr. Amena Zehra Ali
- Dr. Zi Asma Haneef Khan

### Assistant Professors

- Dr. Anila Mukhtar
- Dr. Bushra Khan
- Dr. Rabia Riaz
- Dr. Samia Masoom Ali
- Dr. Farhan Kamrani

### Lecturer

- Ms. Zahra Barkat Ali

## Evening Programs Available

- B.A./B.Sc.(Hons.)
- Certificate Course in Child Psychology
- Certificate Course in Human Behaviour

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2283

**Website:** [www.uok.edu.pk/faculties/psychology](http://www.uok.edu.pk/faculties/psychology)

**Email:** [psychology@uok.edu.pk](mailto:psychology@uok.edu.pk)

Department of

# Sociology

## Introduction

The department of Sociology was established in 1960. Sociology is the scientific study of society and human behavior and is the core discipline of social sciences. The study of sociology aims at analyzing the patterns, trends and attitudes of human behavior deriving their causes and predicting the future of the behavioral patterns in society. The areas covered by sociology include, community development, social organization, human management, health and medical aspects, industrial, agricultural, rural and urban development, demography, human rights, social psychology, social structure, economic development and interaction among different people around the world.

This field examines the organizational structure of society and the influence it has on the social, political and religious ideas of the members of a society. It encompasses the study of the organization and business and attempts to analyze the reaction and management of social groups as well as the factors which lead to their breakdown.

Sociological research reveals the multi-faceted nature of social reality; its multiple causes and multiple effects provide us sets of methods suitable for unraveling the complexities of social life. The study of sociology helps us determine which steps are most likely to lead towards the given goals.

To meet the academic demands of society, programs in Criminology and Population Sciences were initiated under the umbrella of the department of Sociology. Graduates from the department have chosen a wide range of careers. Most have excelled in their profession and have joined public and private institutions. The teaching faculty includes experienced Professors, including those with degrees from foreign universities. Research work is a hallmark of the department. Seminars and workshops are important characteristics of the department which are organized frequently.

## Facilities

The seminar library contains over 3000 books, journals, magazines and other national and international periodicals. The department has a well equipped computer laboratory, which provides assistance in almost all aspects of the use of information processing facilities. Ethnological Museum plays a pivotal role in the study of art and culture. It contains more than 500 precious artifacts and serves as a cultural laboratory.

## Career Opportunities

Sociologists are employed in industries, trade, association, labor unions, foundations and in research organizations and administration. Newly emergent careers in many programs have developed in recent years like, Training Program, Foreign aid program Community Development Officer,

Humanitarian Organization like UN, national and international NGOs. Furthermore sociologists and criminologists can work as hospital management administrators, Public Administration Assistants, Rural Health Workers, Census Research Assistants, Consumer Researchers, Data Analysts, Demographers, Market Researchers, Statisticians, Survey Research Technicians, Correctional Counselors, Criminal Investigators, Juvenile Court Workers, Parole Officers, Rehabilitation Counselors etc.

## Faculty Members

### Professors

- Dr. Rana Saba Sultan (*Chairperson*)
- Dr. Sobia Anis Shahzad
- Dr. Nabeel A. Zubairi

### Associate Professors

- Dr. Naila Usman Siddiqui
- Dr. Kausar Parveen

### Assistant Professors

- Dr. Munazza Madani
- Mr. Amjed Javed
- Dr. Kaneez Fatima
- Dr. Nousheen Raza

## Evening Program Available

- B.A.(Hons.)

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2286

**Website:** [www.uok.edu.pk/faculties/sociology](http://www.uok.edu.pk/faculties/sociology)

**Email:** [sociology@uok.edu.pk](mailto:sociology@uok.edu.pk)

Department of

# Social Work

## Introduction

The Department of Social Work was established in 1961 and it has continuously responded to the societal and corporate needs by developing trained professional social workers. The department boasts of having very successful alumni.

The department strives to strike the right balance by creating a strong base of theoretical input combined with a rigorous Industrial /NGO exposure of nearly 12 credit hours, through the fieldwork training which is an important part of the curriculum. Through this training, students are provided opportunities to integrate their theoretical knowledge with the practical world and enquire hands on experience to deal with the variety of complex societal problems as challenges. The students are placed in government and non-government organizations for obtaining knowledge in the fields of community development, school social work, and medical social work. The students of M.A. final year are required to carry out research projects (Thesis) to be submitted at the end of the year.

## Facilities

The Department of Social Work has a well stocked library with more than 1000 books, theses, journals, reports and periodicals. Department is also equipped with Audio Visual Lab recently named as "Abdul Sattar Edhi Research Lab."

## Specific Research Areas

The research activities are related to all the social problems at large. Community development, public health issues as well as institutional studies are allied research areas.

## Career Opportunities

Job placements for social work graduates are:

- Ministry of Social Welfare and special Education
- Women Development
- Bait-ul-Mal Department
- Medical Social Service Projects, CDGK, RCD projects, Jails, etc.
- Ministry of Population Welfare
- Ministry of Labour Welfare
- Educational Institutions
- Research Organizations
- Health Care Organizations
- Administrative positions in National and International NGOs

- Planning and Development organizations
- Urban and Rural Community Development Projects
- Family & Child Welfare
- Criminology and Correctional Administration
- School Social Work

## Faculty Members

### Professor

- Dr. Nasreen Aslam Shah  
(Dean, Faculty of Arts & Social Sciences)

### Associate Professors

- Dr. Muhammad Shahid (*Chairman*)
- Dr. Muhammad Nadeemullah

### Assistant Professors

- Dr. Syeda Farhana Sarfaraz
- Dr. Samina Rauf
- Dr. Sakina Riaz
- Ms. Jugnoo Salahuddin
- Dr. Sumaira Ishrat
- Dr. Sabir Micheal
- Dr. Muhammad Arshad
- Dr. Muhammad Faisal Zia

## Evening Program Available

- Certificate Course in Social Work

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2284

**Website:** [www.uok.edu.pk/faculties/socialwork](http://www.uok.edu.pk/faculties/socialwork)

**Email:** [sw@uok.edu.pk](mailto:sw@uok.edu.pk)

## Department of

# Urdu

### Introduction

The department of Urdu officially came into existence in 1955 when the University of Karachi decided to organize postgraduate classes in Urdu under its own management instead of through the colleges.

At the time of its establishment. Moulvi Abdul Haq, *Baba-e-Urdu* was made honorary Professor and the Chairman of the Department. Teaching responsibilities were carried out by the teachers of local colleges. Later Dr. Ghulam Mustafa Khan, a prominent scholar and Professor at Urdu College Karachi, was appointed both as a cooperative teacher and as the Chairman of the department. In the same year, Dr. Abul Lais Siddiqui was appointed as a Reader and Chairman and Dr. Abdul Qayyum, Dr. Syed Shah Ali, and Qudratullah Fatimi joined as lecturers.

With the valuable efforts and abilities of these teachers as well as the scholars and teacher who joined the department later on, the Department has kept making progress. The following famous academics have been associated with the Urdu department: Dr. Syed Abul Khair Kashfi, Dr. Farman Fatehpuri, Dr. Aslam Farrukhi, Prof. Jameel Akhtar Khan, Dr. Haneef Fauq, Dr. Younus Hasni, Shamim Ahmed, Prof. Sahar Ansari, Dr. Vaqar Ahmed Rizvi, Dr. Sidiqa Arman, Dr. Moinuddin Aqeel and Dr. Zafar Iqbal.

The department of Urdu has a prominent position in the University of Karachi for research. Over 100 Scholars have completed their Ph.D. research program and more than forty projects are in progress.

In addition to regular teaching and lectures, co-curricular, literary and academic activities and gatherings are also organized frequently.

### Career Opportunities

- Teaching, Print and Electronic Media
- Research & Academic Organizations
- Advertising (Copy Writing)
- Creative Writing, etc.

### Teaching and Assessment

Teaching at the Department combines lectures, group Discussion and class presentation. Students are also given writing assignment and selected final year students are required to submit a dissertation carrying 200 marks.

### Faculty Members

#### Professors

- Dr. Uzma Farman Farooqui
- Dr. Tanzeem-ul-Firdaus (*Chairperson*)

#### Assistant Professors

- Dr. Sadaf Tabassum
- Dr. Ansar Ahmed
- Dr. Zakia Rani
- Dr. Khalid Ameen
- Dr. Tehmina Abbas
- Dr. Sadaf Fatima
- Dr. Muhammad Sajid Khan
- Dr. Shama Afroz
- Dr. Uzma Hasan
- Dr. Safia Aftab
- Dr. Rahat Afshan

#### Lecturers

- Mr. Muhammad Shakir
- Mr. Muhammad Salman
- Mr. Muhammad Rashid Ali Khan
- Ms. Ayesha Naz
- Ms. Atiya Huma Siddiqui

### Evening Programs Available

- B.A. (Hons.)
- M.A. (Urdu Literature & Language)
- M.A. In Iqbaliyat (Iqbal Studies)
- M.A. (Linguistics)

#### Certificate & Diploma Courses:

- One Year Professional Certificate Course of TADREES-E-URDU (Teaching of Urdu)
- Six months Certificate Course of DAFTAR I URDU (Urdu as official language)

### For Further Enquiry

**Telephone:** 99261300-06 Ext-2287

**Website:** [www.uok.edu.pk/faculties/urdu](http://www.uok.edu.pk/faculties/urdu)

**Email:** [urdu@uok.edu.pk](mailto:urdu@uok.edu.pk)

Centre of Excellence for

# Women & Gender Studies

## Introduction

For the last 30 years Centre of Excellence for Women's Studies (CEWS) has been engaged in offering teaching and research facilities in a friendly environment to prepare students to act as agents of change. We are the first to offer M.A. and M. Phil/Ph.D. degree programs in Pakistan. Currently the Centre offers M.A. (Morning & Evening), B.A.(Hons.) and M.Phil. / Ph.D. programs. Women's Studies, an interdisciplinary subject, aims to highlight women's role and contributes towards building a society, that is free of gender discrimination for a holistic development of the nation. We offer a variety of courses to address the issues of women and gender, both nationally and internationally. The major focus of our teaching and research is to bridge the gap between the academia and women at the grass-root level. Thus, our students move beyond the Campus and interact with women to document their everyday experiences.

## Facilities

CEWS has a well-qualified faculty to help and assist students in their quest for knowledge. We also invite scholars, academics and activists from various fields to share their knowledge and experience with our students. Our library with more than 4000 books, journals, reports on women and gender is the only library of its kind in the country. We have a collection of press-clippings on almost all aspects of women's lives. Our library is accessed not only by our students but it also caters to the academic needs of scholars, activists and journalists who wish to avail themselves of this facility. Our library catalogue is also accessible through electronic portal.

## Specific Research Areas

- Women & Work: Child Labour, Girl Child, Self-Employed Women
- Women Technology & Entrepreneurship
- Women, Religion & Religious Traditions
- Health Concerns of Women & Gender
- Women's History
- Women & Law
- Women & Politics
- Women & Media
- Women Sports & Physical Education
- Psychology of Women
- Development Planning (nationally & globally) and Women

## Career Opportunities

Since Women's Studies prepares students to act as agents of social change, our students are trained to get jobs that a person qualified in any other discipline can get. Majority of CEWS graduates are now hired in various positions by government and non-government agencies. As one of the requirements of our teaching is practicum, our students work as interns with various GOs/NGOs and thus gain practical training and gain experience. To help our students in their future careers, we remain engaged with the corporate sector.

## Faculty Members

### Professor

- Dr. Nasreen Aslam Shah (*Director*)

### Assistant Professors

- Dr. Asma Manzoor
- Dr. Shagufta Nasreen
- Dr. Aliyah Ali
- Dr. Seema Manzoor

### Lecturers

- Ms. Duaa-e-Rehma

## Evening Programs Available

- B.A. (Hons.)
- Short Course in Women's Studies

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2441  
99261654 (Direct)

**Website:** <http://genderstudiespakistan.com/>

**Email:** [cews@uok.edu.pk](mailto:cews@uok.edu.pk)

Department of

# Education

## Introduction

Department of Education was established in 1984. The main goal of the department is to prepare human capital in the field of education as teachers, educators, educational leaders and researchers. Innovative methods of teaching and learning, emerging techniques of research and material development in the field of education have made this department parallel with the international standards of Education.

## Facilities

The department of Education has a seminar library as its primary resource containing contemporary books related to the disciplines of Education. Moreover, the library also contains extensive resource material for research at all levels of higher education. The department also offers hands on training regarding equipments and software to present research findings to a large segment of academia.

## Specific Research Areas

- Research Methods in Education
- Educational Psychology
- Teaching Strategies
- Behavioral Management
- Curriculum Development
- Trends and Issues in Education
- Comparative Education
- Classroom Assessment, Test Development and Evaluation
- Guidance and Counseling
- Foundations of Education
- School Management and Community Development.

## Career Opportunities

Education is an important discipline in Social Sciences and Humanities. Therefore, graduate students of Education have ample opportunities in the competitive job market at both national and international levels. Research Industry, Media Career Counseling, Schools, Teacher Training Institutes, Human Resource

Development Centers, Professional Institutes, UNICEF, UNESCO and NGO based organizations can be the potential job market for the graduates of education department.

## Faculty Members

### Assistant Professors

- Dr. Rizwana Munir (*In Charge*)
- Dr. Naila Siddiqua
- Dr. Azizunnisa
- Dr. Maroof Bin Rauf
- Ms. Tabassum

## Evening Programs Available

- B.A. (Hons.)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2267

**Website:** [www.uok.edu.pk/faculties/education](http://www.uok.edu.pk/faculties/education)

**Email:** [education@uok.edu.pk](mailto:education@uok.edu.pk)

Department of

# Special Education

## Introduction

The vision of the Department of Special Education is that of an inclusive society in which all individuals are afforded equal access and opportunities that improve the quality of life. The mission of the department is to create such a society through innovative and collaborative personnel preparation, research and scholarly activity, and advocacy. The goal of the Department of Special Education is to provide university students with information and skills in working with persons with disabilities. The department provides Baccalaureat and Post Baccalaureat degrees in Special Education that prepare educators to become eligible for working in Special Education. Our faculty and staff are committed to preparing educators who desire to help children utilize their potential.

## Facilities

The department has lecture and seminar rooms, audio visual room, as well as seminar library with latest books. The department has equipment which provides practical work facilities to students as well as exposure of practical teaching at special schools.

## Specific Research Areas

- Five Major Disabilities (Visual Impairment, Learning Disabilities, Hearing Impairment, Physical Handicap, Mental Retardation).
- Disabilities and Psychology
- High & low incidence disability
- Professional services (Occupational Therapy, Physiotherapy, Speech Therapy).
- Teaching strategy (Curriculum Planning, Assessment and Management).
- Early Intervention
- Behavior Management
- Rehabilitation and Community
- Inclusive Education
- Teacher Development
- Guidance & Counseling
- Vocational Education
- Educational programming
- Issues in Special Education
- Audiology
- Management and Leadership

## Career Opportunities

A career in Special Education is very rewarding. Careers for graduates from the Special Education department include teachers within general or special

education settings, early intervention educators, adult service/workforce providers, for positions in clinical settings and careers with organization serving individuals with disabilities. Those in the Ph. D program often enter faculty positions in higher education. Programs are designed for students who desire to enter educational and human services professions.

## Faculty Members

### Professors

- Dr. Shagufta Shahzadi
- Dr. Nasir Sulman (*Dean, Faculty of Education*)

### Associate Professor

- Dr. Humera Aziz (*Chairperson*)

### Assistant Professors

- Dr. Afshan Rahat
- Dr. Saira Saleem
- Dr. Shaista Naz

### Lecturers

- Ms. Sahar Yasmeen
- Ms. Saba Suleman

## Evening Programs Available

- B.A. (Hons.)

## For Further Enquiry

**Telephone:** 99261085

**Website:** [www.uok.edu.pk/faculties/specialeducation](http://www.uok.edu.pk/faculties/specialeducation)

**Email:** [specialeducation@uok.edu.pk](mailto:specialeducation@uok.edu.pk)

Department of

# Teacher Education

## Introduction

The Department of Teacher Education was established in 2012. The Department aims at providing high quality teachers in line with National Professional Standards for Teachers in Pakistan for developing teachers for 21 century as reflective practitioners.

## Mission Statement:

The Department of Teacher Education develops educators' abilities in teaching, learning and research.

## Vision Statement:

To be a leading Teacher Education Department in Pakistan, our vision is to develop human capital through quality teaching and research practices catering to the intellectual needs of the community of learners.

## Values Statement:

The Department of Teacher Education believes in mutual respect, non-discrimination and transparency through promoting culture of openness and sharing.

## Facilities

The department has a seminar library with all recent reading material and teacher aids. Furthermore, the students enrolled in the program can benefit from all centralized student support services available at the University of Karachi.

## Career Opportunities

Teaching is one of the most widespread professions with ample opportunities for Continuous Professional Development. B.Ed.(Hons.) is a pre-service degree for prospective teachers.

The graduates of this program can serve at beginner, mid-career and senior professional career ladder such as Elementary and Secondary School Teachers, Academic Coordinators, Educational Evaluators, Educational Managers, Curriculum Developers, Educational Researchers, Teacher Educators and Masters Trainers, both in Public and Private Sector.

## Faculty Members

### Assistant Professors

- Dr. Safia Urooj
- Dr. Imtiaz Ahmad (*In Charge, Evening Program*)
- Dr. Muhammad Asim

### Lecturers

- Mr. Intizar Hussain
- Ms. Syeda Nazish Hasan
- Ms. Quratulain Rauf Khan

## Evening Programs Available

- B.Ed. (Hons.) 1.5 Year Program
- B.Ed. (Hons.) 2.5 Year Program
- B.Ed. (Hons.) 4.0 Year Program
- PGD in Early Childhood Education

## For Further Enquiry

**Telephone:** 99261300-06 Ext.2366  
021-99261062 (*Direct*)

**Website:** [www.uok.edu.pk/faculties/teachereducation](http://www.uok.edu.pk/faculties/teachereducation)

**Email:** [dte@uok.edu.pk](mailto:dte@uok.edu.pk)

# Islamic Learning

## Introduction

Department of Islamic Learning is one of the oldest departments of the University of Karachi and was founded in 1954 to fulfill the needs of scholars of Islamic studies in various institutions of the Islamic Republic of Pakistan. The department aims to promote the study of Islamic thought and offers an opportunity to study Islam on Graduate and Post- Graduate level. The M. Phil. and Ph.D. program in the department of Islamic learning covers the general areas of Islamic Studies with a special focus on modern and contemporary issues. The area of Islamic thought, Islamic Economics, Comparative Religion, Islamic Sociology and Muslim Political thought are also pursued in the Ph.D. Program.

The department is situated in a beautiful building of Islamic Studies near Masjid-i-Ibrahim. In this department students are taught Islamic sciences like Tafseer, Hadith, Seerah, History, Islamic Jurisprudence, Principles of Islamic Jurisprudence, Tasawwuf, Ethics, Philosophy and Arabic. The department is producing scholars for educational, religious and social institutions for the country and abroad.

## Facilities

The Seminar Library provides a valuable resource of bibliographical and reference works, news sources, and current periodicals on Islam and Muslim World.

## Specific Research Areas

The faculty members of the department of Islamic Learning are engaged in research projects funded by the university as well as in an individual capacity. They have numerous publications to their credit and also participate in debates, discussions and talk-shows of different television channels to share their views on different national and international issues of Islam and Muslim Ummah.

## Career Opportunities

Students graduating from this department provide their services to educational Centers, religious institutions and armed forces.

## Faculty Members

### Professor

- Dr. Zahid Ali

### Associate Professor

- Dr. M. Arif Khan Saqi (*Chairman*)

### Assistant Professors

- Dr. Taj Muhammad
- Dr. Muhammad Atif Aslam
- Dr. Jawad Haider
- Dr. Umair Mehmood Siddiqi

## Evening Program Available

- Master in Islamic Banking & Finance

## For Further Enquiry

Telephone: 99261300-06 Ext- 2390

Website: [www.uok.edu.pk/faculties/islamiclearning](http://www.uok.edu.pk/faculties/islamiclearning)

## Department of

# Qur'an and Sunnah

## Introduction

The Department was established in 2000. B.A(Hons.), Masters and M.Phil. / Ph.D. degree programmes are available in this department. All the Student who have passed F.A / B.A. or Shahadat ul Aliya (from any recognized institute by HEC) are eligible for admission in Masters Program. Those candidates who have done only Shahadat ul Aliya will be offered four additional compulsory subjects i.e. English , Pakistan Studies , Urdu and Islamic Studies compulsory.

## Specific Research Areas

Department of Quran & Sunnah is engaged in research on Quranic Sciences, Hadith Sciences, Islamic Jurisprudence, Islamic Economics, Islamic Banking, Tasaffuf (Mysticism), Interfaith Harmony, Islamic Political Thought, Philosophical Thought, Curriculum of Islamic Universities, Sirah and Western orientalist and all other areas related to the Islamic studies.

## Teaching and Assessment

All faculty members of Quran and Sunnah department are Ph.D. degree holders and provide quality education.

## Research Activities

The research activities in the department include:

1. Thesis at M.A. Level is
2. Mandatory research paper in all the courses at post graduate studies, i.e. M.Phil./ Ph.D.
3. Research at post graduate level.
4. Conferences, seminars, extension lectures and study tours.

## Career Opportunities

After getting a B.A. , M.A., M.Phil. and Ph.D. degree there is a vast scope in colleges, universities, banks particularly Islamic Banks, Scholars of Quran & Sunnah Department can easily conduct research individually or can be the part of any Shariah-based research and development organization or can offer the services to any Islamic Financial Institution / Consultancy / Takaful / Halal Industry / Sharia Audit / Sharia Compliance / Zakat and Ushr Department / Tourism / Media and Journalism.

## Faculty Members

### Associate Professor

- Dr. Zeenat Haroon (*Chairperson*)

### Assistant Professors

- Dr. Mufti Imran-ul-Haq Kalyanvi
- Dr. Syed Ghazanfar Ahmed

## Evening Program Available=

- Certificate Course in Tafsir ul Qur'an
- Certificate Course in AAOIFI Shariah Standard
- Certificate Course in Islamic Banking.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2324

**Website:** [www.uok.edu.pk/faculties/quranwasunnah](http://www.uok.edu.pk/faculties/quranwasunnah)

**Email:** [qs@uok.edu.pk](mailto:qs@uok.edu.pk)

## Department of

# Pharmaceutics

## Introduction

The department covers 24 courses spread over five years of Pharm-D. program. The department is actively involved in pharmaceutical research that covers all aspects of pharmaceutical sciences offering M.Pharm and Ph.D. programs. Till date, the department has produced 100 M. Phil, 172 M. Pharm and 35 Ph.D. scholars in different disciplines of pharmaceutics.

The department of Pharmaceutics has its history as old as the history of the faculty of pharmacy itself. The Faculty of Pharmacy was first founded in 1964 as a department under the Faculty of Science in the University of Karachi by Professor Dr. S. M. S. Zoha known as the Father of Pharmacy. In the year 1973, the status of the department was upgraded and turned into a faculty with four distinctive departments, one of which was the department of Pharmaceutics.

## Facilities

- Laboratories
- Research Laboratories
- Computer Laboratory
- Seminar Library

## Specific Research Areas

- Formulation Development
- Formulation optimization and improvisation
- Pharmaceutical Microbiology
- Novel drug delivery system
- Nanotechnology
- Bio-Pharmaceutics and Pharmacokinetics
- Bioavailability
- Physical Pharmacy
- Clinical Pharmacy and Pharmacy Practice

## Career Opportunities

The scope of pharmacy is very promising all over the world. The graduates in pharmacy find themselves in a very prestigious position to serve the society in different disciplines of the field as a health care professional. After obtaining graduation degree from the faculty of Pharmacy, students have the opportunity to join hospitals where they would be drug experts taking right decisions about the safe use of medicine, in community as one of the beneficial members of the society, and in pharmaceutical industries that have the largest proportion of openings in different with a degree in Pharmaceutics

departments of the industry. Students can also join governmental jobs where they can regulate the drug portfolio and establish policies regarding the drug usage and regulatory matters, in pharmaceutical journalism, in academia where they could be given the assignment to train and produce more pharmacists. A pharmacist can also find good opportunities different in research areas related to their field. Besides different opportunities for work in Pakistan, there are many job opportunities and career enhancing chances for pharmacists abroad.

## Faculty Members

### Professor

- Dr. Muhammad Harris Shoab

### Associate Professors

- Dr. S. M. Farid Hasan (*Chairman*)
- Dr. Rabia Ismail Yousuf
- Dr. Iyad Naeem Muhammad
- Dr. Farya Zafar

### Assistant Professors

- Dr. Sabahat Jabeen
- Mrs. Rehana Saeed
- Dr. Faaiza Qazi
- Dr. Farrukh Rafiq Ahmed
- Dr. Kamran Ahmed

### Lecturers

- Ms. Sadaf Farooqi
- Ms. Hafsa Nasar
- Ms. Tazeen Husain

## Evening Program Available

- MS Pharmaceutics

## For Further Enquiry

Telephone: 99261300-07

Website: [www.uok.edu.pk/faculties/pharmaceutics](http://www.uok.edu.pk/faculties/pharmaceutics)

Email: [pharmaceutics@uok.edu.pk](mailto:pharmaceutics@uok.edu.pk)

Department of

# Pharmacology

## Introduction

The Department of Pharmacology has been one of the important departments in the Faculty of Pharmacy & Pharmaceutical Sciences since 1973, not only sharing a major load at the undergraduate level but also preparing students to fill the gap by suitably qualified manpower in the field of Pharmacy at post graduate levels. The current expansion of the Department and graduate programs in the areas of modern pharmacology including Neuropharmacology, Toxicology and Biochemical Pharmacology and Pharmacology of natural products is expected to place the department among the high research ranking departments of the University.

The major academic objectives of the Department are to facilitate basic and applied research, educate undergraduate and graduate students in various disciplines to achieve academic excellence. Department of Pharmacology has so far produced the highest number of Ph.Ds in the Faculty of Pharmacy & Pharmaceutical Sciences and a large number of M. Pharm. MS. & M. Phil students. The Department has a highly competent primary faculty, research faculty and technical support staff.

## Facilities

- The laboratories at the Department of Pharmacology are well-equipped to conduct the experimental courses of Pharmacology, Physiology, Biochemistry and Pathology.
- Separate Research labs are also available for research students equipped with instruments required for research work.
- Computer and internet facilities have been provided so that students can have easy access to latest information and data.

## Specific Research Areas

- Neuropharmacology
- Toxicology
- Biochemical Pharmacology
- Cardiovascular Pharmacology
- Psychopharmacology
- Pharmacology of natural products

## Career Opportunities

After completion of M. Pharm / MS / M.Phil. & Ph.D. in the field of Pharmacology, successful candidates will be able to perform duties in the

following areas:

- Research
- Education
- Hospital Pharmacies
- Pharmaceutical Industries
- Drug testing laboratories

## Faculty Members

### Professor

Dr. Rahela Ikram

*(Dean, Faculty of Pharmacy and Pharmaceutical Sciences)*

### Associate Professors

- Dr. Syeda Afroz *(Chairperson)*
- Dr. Afshan Siddiq

### Assistant Professors

- Ms. Tasneem Mariam Sajid
- Dr. Sadia Ghousia Baig
- Dr. Nuzhat Sultana
- Dr. Azra Riaz
- Dr. Shadab Ahmed
- Dr. Saira Saeed Khan
- Dr. Sana Sarfaraz

### Lecturer

- Mr. Adnan Iqbal

## For Further Enquiry

**Telephone:** 99261300-06 Ext-2206

**Website:** [www.uok.edu.pk/faculties/pharmacology](http://www.uok.edu.pk/faculties/pharmacology)

**Email:** [pharmacology@uok.edu.pk](mailto:pharmacology@uok.edu.pk)

## Karachi University

# Business School

## Introduction

Karachi University Business School (KUBS) was established in 1999-2000 after the Institute of Business Administration (IBA a constituent of University of Karachi) was declared autonomous degree awarding institution.

KUBS within a short period of time has become a well- established institution with good reputation and high image in the business world. KUBS is presently offering a number of programs, namely BBA (four year), BS(BBA) (two year), MBA(one and a half year), MBA (two & a half year), MBA Executive (two & a half year) program, MS & PhD program.

The mission of KUBS is to educate the leaders who make a difference in this time of extraordinary change throughout the world. We, at KUBS, are committed to impart general management education focusing on building a deep understanding of business, teaching with skill and passion. We intend to imbibe a spirit of entrepreneurship and creativity among our students and prepare them for a global community that is increasingly reliant on technology.

KUBS was recently awarded **Asia's 2<sup>nd</sup> Best Business School Award** under the category of "Innovation Leadership Award" for its tremendous contribution to the field of Business Management in the form of its high achieving graduates who are working in various reputable organizations across the globe. Business schools from 25 countries were nominated and awarded under various categories.

## Facilities

Karachi University Business School (KUBS) is located in newly built, spacious and well equipped building. KUBS provides industry specific learning experience based on Pakistan business environment.

A large number of books can be borrowed from department's Seminar library. Students can also consult Dr. Mahmood Hussain Library that has a good number of books on business and professional journals. KUBS also offers a well-established Ph.D. & Research Program.

## Career Opportunities

Great opportunities in the field of Banking, Finance, and Marketing in national and multinational organizations are available. Our graduates are in great demand as highly paid jobs are offered to them with swift placement.

## Faculty Members

### Professor

- Dr. Tahir Ali  
(Dean Faculty of Management & Administrative Sciences)

### Associate Professors

- Dr. Danish Ahmed Siddiqui
- Dr. Muhammad Asim (Chairman)

### Assistant Professors

- Ms. Shahnaz Baloch
- Dr. Shameel Ahmed Zubairi
- Mr. Shaikh Muhammad Fakhre Alam Siddiqui
- Dr. Sarah Anjum
- Dr. Sohaib uz Zaman

### Lecturers

- Ms. Kausar Oureshi
- Ms. Syeda Nazneen Waseem
- Mr. Omar Ahmed Shaikh
- Mr. Hammad Zafar
- Mr. Muhammad Muzammil

## Evening Program Available

- BBA

## For Further Enquiry

**Telephone:** 021-99261185

**Website:** [www.uok.edu.pk/faculties/businessadministration](http://www.uok.edu.pk/faculties/businessadministration)

**Email:** [kubs@uok.edu.pk](mailto:kubs@uok.edu.pk)

Department of

# Commerce

## Introduction

The department of Commerce has been engaged in imparting quality research-oriented business education since 1974. In order to keep pace with the dynamic world of business and business education, the department of Commerce has brought a change in its curriculum which is in compliance with the courses required in the business world.

The department has been instrumental in providing candidates with thorough knowledge and understanding of the principles of commerce and business.

## Career Opportunities

Since the mission of the department of Commerce is to equip students with analytical tools required for business management in the contemporary competitive world and to provide students with opportunities to explore new business vistas, our students are capable of acquiring good jobs both at national and international level.

## Faculty Members

### Assistant Professors

- Dr. Zaeema Asrar Mohiuddin (*In Charge*)
- Dr. Hasan Raza
- Dr. Sadaf Mustafa
- Mr. Muhammad Arfeen Siddiqui

### Lecturers

- Ms. Ayesha Fareed
- Mr. Muhammad Farrukh Aslam
- Ms. Rukshinda Begum
- Mrs. Syeda Kanza Nisar

## Evening Program Available

- BS (Commerce)

## For Further Enquiry

**Telephone:** 99261300-6

**Website:** [www.uok.edu.pk/faculties/commerce](http://www.uok.edu.pk/faculties/commerce)

**Email:** [commerce@uok.edu.pk](mailto:commerce@uok.edu.pk)

## Department of

# Public Administration

## Introduction

The department of Public Administration prepares exceptional students for leadership positions in government, business and civil society. With its academic programs emphasizing academic excellence and practical orientation, the department has quickly occupied a unique position in the University of Karachi after being established formally as a department in the year 1995. The objective of DPA is to approach the issues relating to the stewardship of common goods with an interdisciplinary approach. It tries to work at the intersection of economics, business, law, political and social sciences.

## Career Opportunities

The department of Public Administration aims to cater to the need of the times, and to impart such skills to its graduates which can be called upon under ever-changing circumstances. DPA has a strong Alumni network which is the strength of the department. Having received training in leadership skills, sociopolitical analysis and management, the graduates of the department are serving at leading positions within the public and corporate sector, academia, research institutions and media.

To increase opportunities for the students, DPA organizes annual job/ career fairs, mentorship programs, alumni network sessions and career counseling sessions.

## Specific Research Areas

The department of Public Administration conducts analytically rigorous and theoretically informed research within the following fields:

- Urban Governance
- Public Policy and Policy Analysis
- Local Government Development Strategies
- Financial Management
- Marketing Management
- Human Resource Management
- Supply Chain Management
- Management Information System

## Facilities

The Department of Public Administration is equipped with a state-of-the-art spacious building that comprises of multiple lecture rooms, presentation rooms, conference hall, well-equipped computer lab, seminar library and research lab.

## Faculty Members

### Professors

- Dr. Akhtar Baloch (*On Lien at Benazir Bhutto Shahid University*)
- Dr. Khalid M. Iraqi (Acting Vice-Chancellor)
- Dr. Syed Shabib ul Hassan

### Assistant Professors

- Dr. Syed Shahid Zaheer Zaidi (*In Charge*)
- Dr. Saima Akhter
- Dr. Ghazal Khawaja
- Dr. Mustafa Hyder

### Lecturer

- Ms. Tehmina Faisal

## Evening Program Available

- BPA (Hons.)

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2383

**Website:** [www.uok.edu.pk/faculties/publicadministration](http://www.uok.edu.pk/faculties/publicadministration)

**Email:** [dpa@uok.edu.pk](mailto:dpa@uok.edu.pk)

# Agriculture & Agribusiness Management

## Introduction

The department of Agriculture launched its BS-Program in Agriculture in 2004 and acquired the status of the department in 2006. It was renamed as the Department of Agriculture and Agribusiness Management in 2008. The Department offers specializations in agribusiness management, plant protection and plant pathology.

Agribusiness is an important and ever expanding industry in Pakistan. It combines the study of agricultural sciences with the management skills providing an understanding of economic and business principles and their application to Agribusiness. The program aims to develop a range of personal and transferrable skills along with the critical appreciation of the techniques to assist effective execution of agribusiness management function.

It cannot be denied that the implementation of proper pest and disease management strategies can be helpful in increasing the crop yield and ultimately boost the economy of the country. The courses offered for specialization in plant pathology or plant protection enable the students to acquire in-depth knowledge of pest and diseases affecting crops, vegetables, fruits and ornamental plants in the country and make them aware of the management strategies to overcome the problem in an eco-friendly manner.

## Facilities

The department is well-equipped with modern teaching aids. It also has facilities for research on topics related to the fields of entomology, mycology, plant pathology and Agribusiness. The department's seminar library has a good collection of books related to agriculture and agribusiness that students can have easy access to.

## Specific Research Areas

The department is actively engaged in research related to Entomology, Mycology, Plant Pathology and Agribusiness. Several research students are also enrolled in M.Phil. & Ph.D. programs. The faculty members and research students regularly publish research papers in journals of national and international repute.

## Career Opportunities

Specialization in Agribusiness management is helpful in getting jobs in farm business related to national and

multinational organizations as managers, consultants, supply chain coordinators and accountants. It also provides an opportunity to enter self-employment immediately after graduating, largely within the farming or food sectors.

Students specializing in plant protection or plant pathology have job opportunities in various research organizations like Department of plant protection, PARC, PCSIR, NIAB, NIA, ARI etc. They can also get jobs in plant and pesticide related national and multinational organizations or can initiate their own business to provide pest and disease management services to farmers.

## Faculty Members

### Professor

- Dr. Saleem Shahzad (*Registrar*)

### Associate Professor

- Dr. Saboohi Raza (*Chairperson*)

### Assistant Professors

- Dr. Muhammad Faheem Akbar
- Mr. Muhammad Talha Azeem
- Mr. Shahan Aziz
- Dr. Amjad Sultan
- Dr. Shugufta Sahar
- Dr. Muhammad Shahid
- Dr. Abdul Qayoom

## Evening Program Available

- BS with specialization in Agribusiness, Management or Plant Protection and Plant Pathology

## For Further Enquiry

**Telephone:** 9926261300-6 Ext. 2546 Direct: 99261007

**Website:** [www.uok.edu.pk/faculties/agriculture](http://www.uok.edu.pk/faculties/agriculture)

**Email:** [razasaboohi@uok.edu.pk](mailto:razasaboohi@uok.edu.pk)

Department of

# Applied Chemistry & Chemical Technology

## Introduction

The department of Applied Chemistry and Chemical Technology was established in 1971. Our 48 Years of rich experience of interaction with chemical industry enables us to provide a tradition of teaching & research. The courses have been designed keeping in view the need of the chemical industries of Pakistan. We have a large number of foreign qualified professional and industry-experienced faculty along with eight dedicated chemical process and operation labs which make us distinct from other local universities offering similar programs. Special emphasis has been put on important chemical industries in Pakistan such as fertilizers, petroleum refineries, cement, sugar, polymer & plastic, pharmaceuticals, textiles and leather. Due consideration has been given to important aspects of chemical engineering, unit operations / unit processes, quality control & instrumentation, chemical process principles, chemical reaction engineering, design engineering, material engineering, maintenance and environmental engineering. The syllabi offered in four year BSc / MSc program impart extraordinary theory / practical training through thirty courses where students go through more than 130 practicals in our specialized labs. Hence the graduates of this Department serve the wide range of product development needs of the chemical industries of Pakistan and abroad and are amongst the top management of half of Karachi's chemical, textiles, food and treatment industries.

## Facilities

The department has a seminar library equipped with most recent books, e-library section, computer lab, DSL internet digitally-equipped classrooms and state of the art laboratories for undergraduate and graduate level courses.

## Career Opportunities

Excellent job and research opportunities exist in industries of Pakistan, abroad as well as within the department.

## Faculty Members

### Professor

- Dr. Mehdi Hasan Kazmi

### Associate Professors

- Dr. Riaz Ahmed (*Chairman*)
- Dr. M. Ashraf Kamal
- Dr. Mohib Raza Kazmi
- Dr. Mumtaz Danish Naqvi
- Dr. Sadia Khan
- Dr. Syed Imran Ali

### Assistant Professors

- Mrs. Shagufta Afaq
- Ms. Farah Inamullah
- Mrs. Nausheen Yaseen
- Mr. Rizwan Qasim
- Dr. Zeeshan Akhter
- Mr. Zahid Farhad
- Dr. Syed Adnan Hasan
- Mrs. Mahwish Mobin Khan
- Dr. Mariam Mudassir

### Lecturers

- Mr. Kashif Riaz
- Ms. Sadia Amber

## Evening Program Available

- B.Sc. (Hons.)

## For Further Enquiry

**Telephone:** 99261300-06 Ext. 2279

**Fax/Direct:** 99261024

**Website:** [www.uok.edu.pk](http://www.uok.edu.pk)

**Email:** [ach@uok.edu.pk](mailto:ach@uok.edu.pk)

Department of

# Applied Physics

## Introduction

The Applied Physics department was established in 1971 with the objective to teach and train students to meet the growing technological needs of the industries of Pakistan in the area of Applied Physics. Over the years emphasis has shifted toward Electronics and semiconductor technology because of the growing demand of technologically-advanced industries in Pakistan. The syllabus has been continually updated to keep abreast with development in technology.

Our objective is to prepare students to meet challenges of the fast growing technologies in the field of Electronics and Semiconductors. The curriculum provides an in-depth understanding of the subject such as Analog and Digital Electronics, Industrial Electronics, Semiconductor Devices, Communication systems including Microwave and optical fiber communications.

Microprocessor/Microcontroller and Digital Signal processors (DSP) are hubs of intelligent electronic systems including computers and almost all state-of-the-art equipment used in communications. Industrial and Medical applications also use these devices. A comprehensive scheme of study and application is provided for these subjects.

To teach practical aspect of electronics and give hands-on experience, laboratories have been equipped with latest equipment. Students are required to spend a considerable amount of time in the laboratories to develop an in-depth understanding of the subject they study in classes. For this purpose, separate laboratory courses are designed. The laboratory training begins with circuits related to basic Analog Electronics, progressively performing experiments on Digital Electronics, Industrial Electronics and finally developing a single board computer based on microcontroller. The students are also trained on Programmable Logic Controllers (PLC) through the use of software and hardware simulators. Similarly, they are trained in the field of communication using Communication training kits.

## Facilities

There has been continuous up-gradation of laboratories in the department. In addition to general purpose laboratories where students perform experiments on circuits based on Analog and Digital Electronics, separate laboratories are established for

training. These include *Computer Laboratory* which is equipped with latest computers connected through LAN. *Communication Laboratory* has trainers to train students on Microwave and Optical fiber communication systems. *Programmable Logic*

*Controller (PLC)* is equipped with PLCs from Siemens and Ge-Fanuc.

Students use Software and Hardware simulators to develop and verify programs. Cargo lift, Conveyor belt and process models have been developed indigenously that are controlled by the PLC. **Embedded systems laboratory** is facilitated with software and hardware tools such as VHDL, Electronic Design automation to develop embedded systems. Computer Controlled (CNC) PCB prototyping machine, Logic Analyzer, FPGA and DSP kits are available for development of applications. *Semiconductor Research Lab*, has instruments such as thin film coating unit, CV analyzer, Spectrometer, Lock-In-Amplifiers etc. for research in the field of semiconductor.

## Career Opportunities

A wide range of employment opportunities are available to the graduates of Applied Physics, from public sector organizations to multinational and national industries and research organizations.

## Faculty Members

### Assistant Professors

- Ms. Farida Farrukh
- Mr. Abid Hussain (*In Charge*)
- Mr. Arshad Hussain
- Dr. Zeeshan Alam Nayyar
- Mr. Zia-ur-Rehman
- Dr. Faisal Rafique
- Dr. Ambreen Insaf

### Lecturers

- Mr. S.Mamnoon Akhter
- Mr. S. Naseer Akhter
- Ms. Nazia Sadiq

## Evening Programs Available

- B.Sc. (Hons.) with specialization in electronics.

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2258/2564

**Website:** [www.uok.edu.pk/faculties/appliedphysics](http://www.uok.edu.pk/faculties/appliedphysics)

**Email:** [aphy@uok.edu.pk](mailto:aphy@uok.edu.pk)

Department of

# Biochemistry

## Introduction

The department of Biochemistry, established in 1962, is a pioneer department of our country. Since its inception, the department has shared the University of Karachi's goal of excellence in research and education. Traditionally known for strength in major areas of molecular biology, genetics, cell biology, biotechnology and bioinformatics, the current faculty is continuing to broaden its representation and reputation in other areas, most notably, Clinical Biochemistry, Enzymology, Hematology, Immunochemistry, Genomics, Molecular Biophysics, Neurochemistry, Neuropharmacology, Biotechnology, Nutrition and Proteomics.

## Facilities

Dr. Zain Memorial Library of the department of Biochemistry has the latest collection of books on Biochemistry with over 100 biochemistry related journals in print and/or with on-line access.

## Computing Facilities:

Numerous research and other student groups operate computing clusters for research needs and course work.

## Equipment Facilities:

The department is equipped with cutting edge techniques like PCR, High Performance Liquid Chromatography, Column Chromatography, ELISA, Spectrophotometer, Electrophoresis, Flame Photometry, Freeze Drying, Fluorimetry and Ultra centrifugation etc.

## Specific Research Areas

- Clinical biochemistry
- Drug targeting and development
- Molecular Biology and genetic engineering
- Biotechnology
- Biophysics
- Bioinformatics
- Enzymology
- Neuropharmacology
- Molecular neurochemistry
- Proteomics and Genomics
- Nutritional science
- Psychopharmacology
- Toxicology

## Career Opportunities

Excellent career opportunities exist for students acquiring a degree in Biochemistry. Our graduates are working in multinational industries, teaching and research organizations, Pharmaceutical industries, Biomedical

industries, Forensic science laboratories, hospitals, clinical laboratories and different public and private sector industries.

Graduates can also pursue an M.Phil. or Ph.D. in universities in Pakistan and abroad in areas such as clinical research, drug development, Nutritional Sciences, Bioinformatics and Biomedical Science.

## Faculty Members

### Professors

- Dr. Tabassum Mahboob (*Meritorious*) (*Chairperson*)
- Dr. Samina Bano
- Dr. Saeeda Haider
- Dr. Farhat Batool
- Dr. Shamim A. Qureshi
- Dr. Shah Ali ul Qadar

### Associate Professors

- Dr. Hajra Naz
- Dr. Sadaf Naeem
- Dr. Erum Shireen

### Assistant Professors

- Dr. Sajjad Haider
- Dr. Sadia Saleem
- Dr. Faizan ul Hassan Naqvi
- Dr. Huma Ikram
- Dr. Mohammad Noman Syed
- Dr. Yasmeen Raashid
- Dr. Mohammad Farhan
- Dr. Syeda Fizza Hassan Naqvi
- Dr. Tooba Lateef
- Dr. Ayesha
- Dr. Uzma Urooj

### Lecturers

- Ms. Beena Hassan
- Mr. Khuwaja Ali Hasan

## Evening Program Available

- B.Sc. (Hons.)

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2289

**Website:** [www.uok.edu.pk/faculties/biochemistry](http://www.uok.edu.pk/faculties/biochemistry)

**Email:** [biochemistry@uok.edu.pk](mailto:biochemistry@uok.edu.pk)

Department of

# Biotechnology

## Introduction

Department of Biotechnology was established in 1996 by Professor Dr. Tashmeem F. Razzaki with an objective of imparting quality education in the multidisciplinary field of Biotechnology at graduate level. For many years this was the only Department across Pakistan offering graduate degree in the subject.

Biotechnology is the application of biological systems or processes to improve the value of materials or organisms for the benefit of mankind. Biotechnology offers technological solutions for many of the challenges facing the world ranging from curing of disease to xenotransplantation, nourishing the hungry to design newer food products, generating power to conserve energy, increasing magnitude to newer traits of crops, exploring metabolic prospective of microbes to exploit their potential, modeling of drugs to the development of regenerative and personalized medicine, conservation of cells to cryonics and recycling wastes to develop new bioscience products. To address these challenges, departmental laboratories are well equipped with state-of-the-art sophisticated instruments for the training of students.

## Specific Research Areas

The department is involved in vibrant research activities i.e. protein purification, enzyme production, characterization and immobilization, cell and tissue culture, biotransformation and metabolomics, screening of microorganisms for industrially important metabolites and viral diagnostic research.

## Career Opportunities

Graduates of this dynamic discipline have a wide variety of career opportunities in teaching and research institutes, pharmaceutical organizations, forensics and clinical laboratories, tissue culture laboratories, agro-based industry, food industry, polymer and textile industry, cosmetic industry, fuel industry, environmental organizations, forestry, fisheries, wildlife department, horticulture department and processing, certifying and patenting companies. Graduates are also trained to venture small to various level of entrepreneurship.

## Faculty Members

### Professor

- Dr. Mustafa Kamal

### Associate Professors

- Dr. Raheela Rahmat Zohra (*Chairperson*)
- Dr. Saif Ullah

### Assistant Professors

- Ms. Syeda Mariam Siddiqua
- Dr. Shafaq Aiyaz Hassan
- Dr. Mahnaz Ahmed
- Dr. Erum Hanif

### Lecturers

- Ms. Shumaila Rashid
- Ms. Aysha Kamran
- Ms. Shumaila Samad Khan

## Evening Program Available

- B.Sc.(Hons.)

## For Further Enquiry

**Telephone:** 99261300-6 Ext: 2474

**Website:** [www.uok.edu.pk/faculties/biotechnology](http://www.uok.edu.pk/faculties/biotechnology)

**Email:** [biotechnology@uok.edu.pk](mailto:biotechnology@uok.edu.pk)

## Department of

# Botany

## Introduction

The Department of Botany, University of Karachi was established in 1953. The University at that time was located at Chand-Bibi Road, near Civil Hospital, Karachi. When the University moved into its present premises on 18th January 1960, the Department of Botany was located in 2 barracks. The present building of the Department of Botany with laboratories, lecture rooms and an auditorium was constructed in the late 1960s.

The Department offers over 70 different courses at undergraduate, post graduate and Ph.D, levels to cater to the human resource requirements for teaching and research in the fields of education, agriculture, environment, NGOs, research organizations, pharmaceutical and other industries. In first and second year, the students start their studies taking Botany as a major subject together with 2 subsidiary subjects from other Departments of the University.

In 3rd and 4th years, instead of the subsidiary subjects, they are required to study major subjects within the field of Botany. In M.Sc. Final, the students specialize in one of the branches of Botany which include: Applied Botany, Mycology & Plant Pathology, Plant Physiology, Plant Ecology, Phycology & Marine Botany and Plant Taxonomy.

## Facilities

The Department has well-equipped laboratories for undergraduate, graduate, post graduate studies and a vast collection of books and research papers in the Seminar library. Department of Botany has also established computer lab for fast track searching of study materials. It provides facilities to students for research on topics related to different fields of plants sciences. Karachi University Herbarium in the Department of Botany has a vast collection of plant specimens collected from different regions of Pakistan, in addition to a large collection of specimens of algae and fungi. The Department has established Shameel memorial library, Stress Physiology and Phenomics Center, Biosaline research lab and experimental field for research and productivity.

## Specific Research Areas

Faculty members are working in six specialized fields of plant sciences and are endeavouring to enhance knowledge of plant world. Following are the specific research areas:

1. Classical Taxonomy, Chemosystematics, Cytogenetics and Medicinal plants.
2. Plant Anatomy and Plant Tissue Culture.
3. Phycology, Marine Botany and Economic Importance of Seaweed.
4. Mycology, Plant Pathology, Fungal Biotechnology, Plant microbe interaction and Diagnosis of emerging and re-emerging plant diseases.
5. Plant Physiology, Plant enzymology, Biosaline Agriculture, Stress Physiology and Phenomics.
6. Plant Ecology, Dendrochronology and Environmental Pollution and Halophytes utilization.

Members of the teaching staff have completed about 50 research projects with the support of national and international funding agencies. Currently several research projects are in

progress. More than 2500 research papers have been published in journals of international repute by the teachers and researchers of the Department. The Pakistan Journal of Botany and International Journal of Biology and Biotechnology are also published from the Department of Botany, University of Karachi.

## Career Opportunities

Specialization in different branches of plant sciences offered by the Department is helpful in getting jobs in agriculture based organizations, research institutions, teaching in various colleges and universities and in environmental NGOs like WWF and IUCN.

## Faculty Members

### Professors

- Dr. Syed Ehtesham ul Haque
- Dr. Aliya Rehman (*Chairperson*)
- Dr. Shahnaz Dawar
- Dr. Rubina Abid

### Associate Professors

- Dr. Seemi Aziz
- Dr. Zamin Shaheed Siddiqui
- Dr. Sharf-un-Nahar
- Dr. Sadaf Gul
- Dr. Laila Shahnaz
- Dr. Aisha Begum

### Assistant Professors

- Mrs. Rubina Iqbal
- Dr. Neelofar Hamid
- Mrs. Amna Ahmed
- Dr. M. Faheem Siddiqi
- Dr. Maria Hamid
- Dr. Naeem Ahmed
- Dr. Muhammad Azeem
- Dr. Afshan Rehman
- Dr. Afsheen Athar
- Dr. Hafza Asma Shafique
- Dr. Muhammad Waseem Abbasi
- Dr. Muhammad Yousuf Adnan
- Dr. Asma Hanif
- Dr. Sana

### Lecturer

- Ms. Hira Ejaz

## Evening Program Available

- B.Sc. (Hons.)

## For Further Enquiry

**Telephone:** 9926261300-6 Ext. 2288

**Website:** [www.uok.edu.pk/faculties/botany](http://www.uok.edu.pk/faculties/botany)

**Email:** [botany@uok.edu.pk](mailto:botany@uok.edu.pk)

Department of

# Chemistry

## Introduction

Chemistry is a noble central science which helps understand the origin of life and suggests ways to use non-living things for giving comfort to life. To train the young generation and to direct their approach to accomplish this task easily, it is necessary to make students understand the principles underlying the composition, structure and properties of substances along with the transformation that they undergo. It is therefore obvious that chemical orientation cannot be imparted in isolation and has to be developed through the knowledge of physics and biology on one hand and engineering and applied sciences on the other. The department of Chemistry, University of Karachi is well equipped for pursuing this goal having skilled and proficient faculty, well-equipped laboratories and other infrastructure.

The Department of Chemistry is one of the oldest Departments of University of Karachi. When the university was shifted to its present location, the department occupied one of the few newly constructed buildings and is still housed there for the last 66 years.

## Facilities

There are several libraries in the University of Karachi, which hold chemistry books and related technical journals. These include Department of Chemistry's own Seminar Library. This library has a stock of about 10,000 books and research journals on various fields of Chemistry. The Department of Chemistry is equipped with many modern instruments for training students for challenging careers and research. These include, pH/Ion meters, conductometers, polarimeters, refractometers, potentiometers, electrochemical analyzers, HPLC, atomic absorption spectrometers, UV-Visible spectrophotometers, FTIR Spectrometers, Guoy Balance for magnetic susceptibility measurements, flame photometers, computers, deionizers, analytical balances, ovens, furnaces, centrifuges as well as a substantial stock of glassware and chemicals. A modern instrumental laboratory has been furnished to house the new atomic absorption spectrometers, HPLC, GC, GC-MS nuclear magnetic resonance spectrometer as well as some other modern instruments. These and other instruments were acquired through a generous grant of Rs.39.95 million provided by the Higher Education Commission. The Department of chemistry has internet available in almost every teachers room/research lab, which is to the central facility through a fiber-optic link.

Furthermore, the department also has a well equipped computer lab for 45 students.

## Specific Research Areas

Analytical, Inorganic, Industrial, Organic, Physical, Environmental, Pharmaceutical, Clinical and Polymer Chemistry.

## Career Opportunities

A person with a B.Sc. (Hons.) / M.Sc. degree in Chemistry has a wide choice of employment opportunities especially in one of the many industries listed below and research institutions that are emerging in the country. These include; Textile Industry, Pharmaceutical Industry, Clinical

Laboratories, Oil Refineries, Chemical Industry, Paint Industry, Cement Industry, Beverages & Food Product Industry, Analytical & Instrumental Service, agencies, Polymer Industry.

## Faculty Members

### Professors

- Dr. Hajra Tahir (*Chairperson*)
- Dr. Rehana Saeed
- Dr. Muhammad Nasir Uddin Khan
- Dr. Rafia Saeed
- Dr. Nasreen Fatima
- Dr. Uzma Ashiq
- Dr. Shaikh Muhiuddin
- Dr. Erum Zahir
- Dr. Masooda Qadri

### Associate Professors

- Dr. Sumayya Saied
- Dr. Firdous
- Dr. Itrat Anis
- Dr. Shaista Perveen
- Dr. Rifat Ara Jamal
- Dr. Shazia Nasir
- Dr. Raheela Naz
- Dr. Zahid Hussain
- Dr. Syed Tariq Ali
- Dr. Syed Kashif Ali

### Assistant Professors

- Dr. Humaira Bano
- Dr. Imran Ali Hashmi
- Dr. Tehseen Ahmed
- Dr. Syed Nawazish Ali
- Dr. Agha Arsalan Wasim
- Dr. Mohsin Ali
- Dr. Saba
- Dr. Parveen Fazil
- Dr. S. Muhammad Saad
- Dr. Noshab Qamar
- Dr. Nida Ali
- Dr. Azhar Siddiqui
- Dr. Fakhrun Nisa Memon
- Dr. Munawwar Rasheed (On lien at CEMB)
- Dr. Naushaba Rafiq
- Dr. Summyia Masood
- Dr. Qurat ul Ain
- Dr. Hamida S. Muhammad
- Dr. M. Asad Khan Tanoli
- Dr. Nizam Uddin
- Dr. Safi Asim Bin Asif
- Dr. Maria Ashfaq Lodhi
- Dr. Sadaf Iqbal
- Mr. Muti ur Rehman
- Dr. Balal
- Dr. Muhammad Saad

## Evening Program Available

- B.Sc. (Hons.)

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2290

**Website:** [www.chemuok.edu.pk](http://www.chemuok.edu.pk)  
[www.uok.edu.pk/faculties/chemistry](http://www.uok.edu.pk/faculties/chemistry)

**Email:** [chemistry@uok.edu.pk](mailto:chemistry@uok.edu.pk)

Department of

# Computer Science

## Introduction

The Department of Computer Science has been engaged in imparting quality education in various Computer Sciences, Information & Communication Technologies and related disciplines for more than 3 decades. The Department was established by a resolution of Academic Council in its meeting held on November 27, 1984 and began functioning in the academic year 1985-86 by offering a two year degree program, Master of Computer Science (MCS). Then in 1996, it started a 4-year undergraduate program, BS (Computer Science), and a two year graduate program, MS (Computer Science) as well as Ph.D. (Computer Science). The Department is also offering BS (Software Engineering) for the last 16 years.

Alumni of the department are serving top international and national organizations, governments, science and technology institutions and other organizations for their business as well as development and research. Many of them have created unconventional state of the art solution needed by industry; own University-Spinoff companies, authors of books published by world renowned publishers.

The faculty and alumni have published and presented hundreds of research papers in reputed journals and conferences.

## Facilities

### Computing Facilities

The new building of the Department of Computer Science (UBIT) is fully equipped with latest technology for students to get hands-on experience on different platforms of both hardware and software fields of computer science. Each lab is equipped with latest high end user computing facilities. The internet facility is available round the clock in all the labs, which enables students and faculty members to keep in touch with the latest trends in academic and the corporate world. Following labs are functioning in the department:

- Physics Laboratory
- Electronics Laboratory
- Networking Laboratory
- Software Engineering Laboratory
- AI & Soft Computing Laboratory
- Network Security Laboratory
- Database and Information System Laboratory
- Graphics and Multimedia Laboratory
- General purpose Computing Laboratory

### Seminar Library

The department also provides an in-house seminar library facility which contains more than a thousand books on computer science/IT and related disciplines along with IT/CS magazines, international research journals and periodicals.

### Specific Research Areas

More than 300 Research Articles have been published by faculty members of this department. The department has also produced a number of Ph.Ds, during the past few years and over 25 candidates are in the process of completing their

MS (CS) and Ph.D. (Computer Science) research work. Our research areas include: Artificial Intelligence, Soft Computing, Neural Networks, Advance Database systems (temporal and fuzzy), MIS, Computer Networks, Network Security, Parallel & Distributed Computing, Natural Language Processing, image processing, graphics vision and machine learning.

## Career Opportunities

Excellent career opportunities exist for the graduates of Department of Computer Science. More than 80% of graduates are immediately hired by top ranking software houses and other institutions. Top software houses are in contact with the department and conduct job tests and hire students even before they complete their graduation. We are proud that our graduates are working in top international organizations and there are graduates who become entrepreneurs and run their own entrepreneurial businesses

## Faculty Members

### Associate Professors

- Dr. M. Sadiq Ali Khan (*Chairman*)
- Dr. Tahseen Ahmed Jilani
- Dr. Nadeem Mahmood

### Assistant Professors

- Mr. Badar Sami
- Dr. Syed Jamal Husain
- Dr. Muhammad Saeed
- Mr. Hussain Saleem
- Mr. S. M. Khalid Jamal
- Dr. Syed Asim Ali
- Mr. Farhan Ahmed Siddiqui
- Dr. Humera Tariq
- Ms. Humera
- Dr. Syed M. Zain Abbas
- Mr. Mukesh Kumar

### Lecturers

- Ms. Erum Shahid
- Mr. Muhammad Saji
- Mr. Jamil Ahmed
- Mr. Naveed Anwar
- Ms. Shaista Rais
- Mr. Taha Bin Niaz
- Mrs. Madiha Khurram Pasha
- Ms. Maryam Feroze

## Evening Programs Available

- BS(BSCS) Computer Science
- BS(BSSE) Software Engineering

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2462/3462

**Website:** [www.uok.edu.pk/faculties/computerscience](http://www.uok.edu.pk/faculties/computerscience)

**Email:** [info@uok.edu.pk](mailto:info@uok.edu.pk)

Institute of

# Environmental Studies

## Introduction

The subject of environmental studies is interdisciplinary, in which the relationships of humans with their physical, biological and social environments are studied. The subject provides an integrated approach to the understanding and solution of the environmental issues that range from human community health to global climate change. The subject emphasizes the importance of sustainable development to ensure the continuous supply of materials and constant removal of wastes and recovery from the damages that occur due to human activities, particularly after Industrial Revolution.

The Institute of Environmental Studies was founded in 1982 for developing the human resources to address the environmental issues of the country and is the oldest institute in the field of environmental studies. Initially the institute offered M. Phil and Ph.D. Programmes. Later, in 1996, the Evening Programme was launched for offering M.Sc. degree. Currently the Institute of Environmental Studies offers B.Sc. (Hons.), M.Sc., M.Phil, and Ph.D. degrees in both the Evening and the Morning Programmes. So far, the Institute has produced Seven Ph.D. scholars and hundreds of BSc. (Hons) and M.Sc. graduates. The Institute's graduates are currently serving in a number of national and international organizations.

The Institute provides air-conditioned lecture halls, laboratories and audio-visual facilities for the students. The Institute enjoys focal position on a number of environmental issues and activities for many national and international organizations such as WHO, UNEP, IUCN, WWF, LEADS etc. The Institute has organized many national and international workshops and seminars in collaboration with the Higher Education Commission and the Ministry of Health and Environment. The Institute has Ph.D. faculty members whose work is published in various national and international journals.

Apart from regular teaching and research, the Institute organizes short-term training activities for in-service personnel and for those who are involved in research and development programmes. The mission of the Institute is to produce highly skilled man-power who could handle contemporary environmental issues disseminate, and use knowledge of environment and related fields to meet the basic human needs for the improvement of environmental quality and to meet the Millennium Development Goals (MDG).

## Facilities

The Institute is equipped with advanced laboratories, an updated library and modern equipments that help in researching on the global issues.

## Specific Research Areas

- Global Climate Change and its impact on Pakistan
- Designing and developing low cost wastewater treatment and disposal systems for small and medium size communities.
- Agriculture sustainability through the use of treated waste water.
- Treatment of water for potable use
- Public health aspects of wastewater treatment, disposal and reuse.
- Wastewater reclamation technology in hot climate for agriculture and fish culture.
- Environmental health programme for monitoring and surveillance of water supply and sanitation.
- Industrial pollution control and management.
- Environmental hygiene (food and water hygiene and safety)
- Environmental Impact Assessment

- Marine pollution and control
- Ecological studies
- Biodegradation of hazardous waste
- Urban forestry
- Coastal and Marine Conservation
- Air and noise pollution
- Ocean-atmosphere process and biological productivity
- Environmental Remote Sensing

## Career Opportunities

After completing B.Sc. (Hons.), M.Sc., M.Phil, and Ph.D. degree programmes, the graduate would be able to take managerial, technical and consultative responsibilities in various industries, multinational companies, civic agencies, consulting firms, environmental health laboratories and organizations, educational and research institutions and environmental protection agencies (EPAs). The Evening Programme of the Institute provides an excellent opportunity for in-service professionals, particularly those who are engaged in any environment related occupation to enhance their education and understanding of the subject.

## Faculty Members

### Professors

- Dr. Omm-e-Hany (*Director*)
- Dr. Moazzam Ali Khan

### Associate Professor

- Dr. Seema Jilani

### Assistant Professors

- Dr. Zafar Iqbal Shams
- Ms. Suraiya Jabeen
- Dr. Waqar Ahmed
- Dr. Aamir Alamgir

### Lecturers

- Ms. Noor Fatima
- Ms. Humaira Kanwal

## Evening Program Available

- B.Sc.(Hons.)

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2305  
99261386 (Direct)

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**Email:** [ies@uok.edu.pk](mailto:ies@uok.edu.pk)

Department of

# Food Science & Technology

## Introduction

The department of Food Science & Technology was established in 1994 to cater the needs of the fast growing food industries in the country and also to meet the ever growing demand for food scientists and technologists in government, research and educational establishments. Over the years, the department has developed linkages with universities in Germany, UK and U.S.A. The Department has also been involved in organizing workshops, seminars, conferences and training courses. Industrial visits and internship are regular features and mandatory part of our BS curriculum. Presently it enjoys a very good rapport with both national and multinational food companies of Pakistan.

## Facilities

Eight fully air-conditioned classrooms equipped with modern teaching tools/gadgets.

## Laboratory Facilities

The Department has laboratories equipped with all basic facilities. The laboratories include Food Engineering, Food Chemistry, Food Microbiology, Food Quality, Food Analysis, Food Biochemistry and Post-Harvest, Food Analytical and Computer/I.T. These laboratories are equipped with state-of-the-art sophisticated instruments namely Differential Scanning Calorimeter, Universal Testing Machine, Visco-Amylograph, Bomb Calorimeter, UV Visible and Near Infra Red Spectrophotometers, Polarimeter, Atomic Absorption, Gas and High Performance Liquid Chromatographs.

## Specific Research Areas

- Post-Harvest lives of fruits and vegetables
- Edible films and coatings
- Modified Starches
- Antioxidants
- Flavonoids
- Nutraceuticals

## Career Opportunities

The graduates of Food Science can work as Food Technologists; Food Engineers; Food Analysts; Food Production Managers; Food Quality Control/ Assurance Managers; Food Safety Inspectors; Food Researchers or Research and Development Managers

## Faculty Members

### Professors

- Dr. Muhammad Abid Hasnain
- Dr. Syed Asad Sayeed

### Associate Professor

- Dr. Shahina Naz (*Chairperson*)

### Assistant Professors

- Dr. Rahmanullah Siddiqui
- Ms. Faiza Abdur Rab
- Dr. Feroz Alam
- Dr. Tahira Mohsin Ali
- Dr. Muhammad Abdul Haq
- Dr. Zubala Yasir
- Dr. Syed Muhammad Ghufuran Sayeed
- Dr. Anjum Nawab
- Dr. Lubna Mobin
- Dr. Marium Shaikh

### Lecturer

- Ms. Abeera Moin

## Evening Program Available

- BS

## For Further Enquiry

**Telephone:** 99261300-6Ext. 2413

**Website:** [www.uok.edu.pk/faculties/foodscience](http://www.uok.edu.pk/faculties/foodscience)

**Email:** [fst@uok.edu.pk](mailto:fst@uok.edu.pk)

Department of

# Health, Physical Education & Sports Sciences

## Introduction

The department established in 1996, initially introduced one year Masters program in physical education after Bachelor of Physical Education (B.P.ED). The 2-year Masters program was introduced in 2001, while B.Sc.(Honors) Program was introduced in January 2012.

The department of Health, Physical Education & Sports Sciences provides students with knowledge and skills to enable them to achieve autonomy in developing and maintaining their physical, mental, social and emotional health. The subject matter focuses on the importance of a healthy lifestyle and physical activity in the lives of individuals and groups in society.

## Facilities

The department is equipped with all the required practical facilities. A variety of sports facilities including playing fields for cricket, hockey, football and athletics, a squash court and indoor games facilities in the campus gymnasium are also available.

Every year competitive sports for both male and female students are organized at inter-departmental, inter-collegiate and inter-university levels through a variety of sports like hockey, football, cricket, badminton, athletics, etc.

The department plans to establish a fully equipped Human Performance Laboratory to incorporate the latest techniques and performance analysis methodologies.

## Specific Research Areas

The Department of Health, Physical Education & Sports Sciences has a broad scope for qualitative as well as quantitative research in the field of Kinesiology, Exercise Physiology, Socioeconomic impact of Physical Education and Curriculum development.

## Career Opportunities

A degree in Health, Physical Education & Sports Sciences prepares graduates to teach physical education at a public and private high school/college/University, or become a Director / Deputy Director of Physical Education Program, an athletic trainer or a fitness instructor. Furthermore,

people with a physical education degree can work in city parks and recreation departments.

## Faculty Members

### Associate Professor

- Dr. Basit Ansari (*Chairman*)

### Assistant Professors

- Mr. Mazahir Zia Shaikh
- Ms. Shazia Tabassum
- Mr. Humayun Imran Azeemi

### Lecturers

- Mr. Kunwer Muhammaad Asif
- Mr. Muhammad Wasif Nisar

## Evening Program Available

- B.Sc. (Hons.)

## For Further Enquiry

**Telephone:** 99261300-6 Ext - 2263

**Website:** [www.uok.edu.pk/faculties/healthphysical](http://www.uok.edu.pk/faculties/healthphysical)

**Email:** [hps@uok.edu.pk](mailto:hps@uok.edu.pk)

Institute of

# Space Science & Technology (ISST)

## Introduction

The main objective of Institute of Space Science & Technology (ISST), University of Karachi is to promote Space Science Education in Pakistan and to carry out research in Space Science and Technology. The institute has already produced quality research work in diversified areas of Space Science. ISST has collaboration with Pakistan Space Agency SUPARCO, Centre for Astrophysics and Supercomputing, Swinburne University of Technology, Australia and School of Marine and Atmospheric Science, Stony Brook University, NY, USA.

ISST offer admission in B.Sc. (Hons.) and M.Sc. degree programs in Space Sciences and Technology. These programs provide a broader background for understanding linkages between space science, engineering and technology. In fact, these undergraduate programs are multi-disciplinary programs which include Electronics, Digital Signal processing, Communications Systems, Satellite Communication, Global Navigation Satellite System, Aero-Space Science, Computational Astronomy, Computer Programming and Remote Sensing & GIS.

## Facilities

- ISST Observatory is equipped with Meade 16 inch I,X-200 Coma free telescope automated equatorial pier mount, CCD camera including computers, filters, weather station and software, We also have one movable telescope.
- Computational Astronomy Lab: The computer lab is equipped with space science related software.
- Computer Lab
- GIS Lab
- Electronic Communication Lab
- Aerospace LAB
- Digital Library
- Seminar Library

## Specific Research Areas

- Computational and Observational Astronomy
- Cosmology / Astrophysics
- Space Flight Dynamics
- Global Navigation Satellite System (GNSS)
- Satellite Communication / Space Antennas

- Remote Sensing and Geographical information Science (GIS)
- Atmospheric Science
- Solar and Ionospheric physics

## Career Opportunities

Our graduates have job opportunities in SUPARCO, NESCOM, PIA, CM, Pakistan Meteorological Department, Pakistan Tele-communications Corporation Ltd., Pakistan Sui Sothern Gas Company and Oil & Gas Development Ltd. Etc.

## Faculty Members

### Professor

- Dr. Muhammad Jawed Iqbal (*Director*)

### Assistant Professors

- Dr. Mirza Jawwad Baig
- Dr. Naeem Sadiq
- Dr. Syed Tanweer Iqbal

### Lecturers

- Mr. Muhammad Anas Qureshi
- Mr. Fayyaz Ur Rasheed
- Mr. Muhammad Saleem Khan

## Evening Program Available

- B.Sc.(Hons.) (Space Science& Technology)

## For Further Enquiry

**Telephone:** 99261300-6, Ext- 2443

**Website:** [www.uok.edu.pk/research\\_institutes/ispa](http://www.uok.edu.pk/research_institutes/ispa)

**Email:** [ispa@uok.edu.pk](mailto:ispa@uok.edu.pk)

Department of

# Mathematics

## Introduction

The Department of Mathematics was established in 1956. Prof. Dr. Suleman Kerawala was the Founder Chairman. Many new courses including Applied Abstract Algebra, Biomathematics have been introduced to highlight the application of Mathematics in different fields. The mission of the Department is to bring life to Mathematics and Mathematics to life. Areas of Pure Mathematics, Applied Mathematics and Interdisciplinary Mathematics are being pursued in teaching and research. Students are facilitated to become acquainted with the elementary tools of Mathematics and the techniques to use them at all levels. The department has many Ph.D. faculty members who have published their research work in National and International Journals.

## Facilities

The Department offers peaceful environment and provides all modern facilities to students. This is the second largest Department of the Faculty of Science, with three-story building consisting of many rooms, computer laboratory with internet facility and seminar library having three thousand books. To keep the students informed and updated with the latest developments in the modern era, Department organizes seminars and workshops for faculty members and students. The Faculty Members and students actively participate in local, national and international mathematical activities and conferences.

## Specific Research Areas

The Faculty is engaged in research in the following areas:

- Algebra
- Astrodynamics
- Fluid Dynamics
- Mathematical Physics
- Numerical Analysis
- Operations Research
- Relativity and Gravitation
- Climate Dynamics
- Mathematical Inequalities and Applications
- Time Scale

The Ph.D. program facilitates young researchers in getting the experience necessary to do original research in areas of their interest.

## Career Opportunities

Our graduates have been employed in the Educational, Financial, Industrial and Commercial

Institutes. They can choose any of the following professions: High School Mathematics Teacher, College Mathematics Professor, Actuary, Software Designer, Biostatistician, Government Lab Researcher, Financial Analyst, Industry Analyst/ Engineer, Education Materials Developer, or Industry Consultant at SUPRACO etc.

## Faculty Members

### Associate Professor

- Dr. Najeeb Alam Khan (*Chairman*)

### Assistant Professors

- Dr. Mushtaq Ahmed
- Mr. Muhammad Javed Ansari
- Mr. Waseem Ahmed Khan
- Dr. Syeda Sadia Zia
- Mr. Waseem Ahmed Ansari
- Dr. Saba Naz
- Dr. Tanveer Ahmed Siddiqi
- Dr. Muhammed Imtiaz
- Dr. Syed Inayatullah
- Dr. Muhammad Ayaz
- Dr. Asif Raza Khan
- Dr. Saqib ur Rehman
- Dr. Syed Ahmed Hassan
- Dr. Fozia Hanif

### Lecturers

- |                          |                          |
|--------------------------|--------------------------|
| • Mr. Shahid             | • Ms. Samira Sahar Jamil |
| • Mr. Asif Iqbal         | • Ms. Sumayyah Sadi      |
| • Ms. Asma Rani          | • Mr. M. Usman Qureshi   |
| • Ms. Hafsa Athar Jafree | • Ms. Wajeeha Riaz       |
| • Ms. Hina Zaheer        | • Ms. Aghzia Akram       |
| • Ms. Noor Fatima        | • Ms. Mehwish Shafi Khan |
| • Mr. Ateeq Razzak       | • Mr. Salman Safdar      |
| • Ms. Samreen Ahmed      |                          |

## Evening Programs Available

- B.A./B.Sc.(Hons.)
- BS Financial Mathematics
- Certificate Course in Mathematics

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2293

**Website:** <http://math.uok.edu.pk>  
[www.uok.edu.pk/faculties/mathematics](http://www.uok.edu.pk/faculties/mathematics)

**Email:** [mathematics@uok.edu.pk](mailto:mathematics@uok.edu.pk)

Department of

# Microbiology

## Introduction

The Department of Microbiology was established in 1957 and was the one and only department in the field for many years in this country, offering undergraduate and postgraduate degrees.

Microbiology is a broad discipline with both basic and applied aspects. Therefore, microbiologists must have a good understanding about microbial taxonomy, genetics, immunology and physiology to identify these agents, explore their metabolic potential on commercial levels and to manipulate these organisms for the betterment of humanity. The study of microorganisms and their potential is also necessary for the production of bread, cheese, antibiotics, vaccines, vitamins and many other important products. Microorganisms are involved in causing serious infections in humans, animals and plants.

Because of the importance of the subject and its applicability, this department is now regarded as one of the best departments within the Faculty of Science. As a result, this department has become one of the popular departments and a large number of students choose to study Microbiology.

## Facilities

### Laboratory and Lecture Rooms

The Department has 10 laboratories and 3 lecture hall/rooms where theory and practical classes are held. In addition to this, there are 3 media preparation rooms.

### Cold Room Facility

The Department of Microbiology is the only teaching department which possesses cold room where research experiments at below ambient temperature can be conducted.

### Computer Lab.

The lab with internet facility is available to all students.

### Research Lab.

A separate well-equipped lab is allocated for research students.

## Specific Research Areas

Research scholars are working on exceptionally diverse areas of microbiology including: various fields in biochemistry, genetics, clinical microbiology, mechanisms of microbial virulence, epidemiological studies, studies on microbial enzymes of industrial importance, biotransformation, studies on bioactivities of microbial metabolites, immunological aspects of diagnosis, molecular aspects of disease diagnosis and microbial control, bacteriocins, bioactivities of natural products, molecular biology of phages, biodiversity & environment exploration of biotechnological potential of micro-organisms and many others.

## Career opportunities

A person with M.Sc. in Microbiology has a choice of employment opportunities in the following organizations:

- Pathological/ clinical/ hospital laboratories
- Food and beverage industry and agriculture
- Pharmaceutical industry
- Biotechnology industry
- KWSB/ KMC/ R & D organizations
- University/ colleges teaching and research
- Epidemiological monitoring programs
- Environmental monitoring and impact

## Faculty Members

### Professor

- Dr. Talit Yasmeen Mujahid (*Chairperson*)

### Associate Professors

- Dr. Asma Naeem
- Dr. Tanveer Abbas
- Dr. Syed Abdus Subhan
- Dr. Abdul Wahab
- Dr. Zaid Ahmed
- Dr. Muhammad Sohail
- Dr. Adnan Khan
- Dr. Nusrat Jabeen

### Assistant Professors

- Ms. Nayyar Mehmood
- Dr. Fozia Haider
- Dr. Muneera Naz Baloch
- Dr. Wajeeha Binte Asad
- Urooj Zafar
- Dr. Sadiah Muhammad Saleemullah Khan
- Dr. Asma Saeed
- Mr. M. Tariq Tayyab
- Dr. Sana Eijaz
- Dr. Anjum Zhera Naqvi
- Dr. Yasir Raza

### Lecturers

- Ms. Tasneem Akhter
- Ms. Amna Alam

## Evening Programs Available

- B.Sc. (Hons.)
- M.Sc. (Previous)
- Certificate Course in Microbiology (MCC)
- Diploma in Microbiology

## For Further Enquiry

**Telephone:** 99261300-6 Ext - 2248

**Website:** [www.uok.edu.pk/faculties/microbiology](http://www.uok.edu.pk/faculties/microbiology)

**Email:** [mb@uok.edu.pk](mailto:mb@uok.edu.pk)

Department of

# Petroleum Technology

## Introduction

The masters program for the department of Petroleum Technology in the University of Karachi was initiated in 1996 under the evening program, while in the morning program it was introduced in 2004. From the session 2013-14, B.Sc.(H) was also introduced in the morning program. The program aims to meet the future technical and professional requirements in petroleum industry. It is a multi-disciplinary program of the Faculty of Science/Engineering organized in collaboration with the petroleum industry.

The department aims to impart theoretical and practical knowledge in upstream and downstream activities of petroleum industry such as chemistry, geology, drilling, exploration, production, reservoir, pipeline, corrosion, natural gas, LPG, refining technologies, environmental impact, health and safety designs, petroleum logistics, marketing and management, etc.

The Department of Petroleum Technology has produced a large number of graduates who hold key positions in national and international organizations.

## Facilities

Internship and training programs are arranged for students in various sectors of oil and gas industries such as oil companies, refineries and services companies, i.e. Pakistan Oilfield Limited, Oil and Gas Development Corporation, National Refinery, Pakistan Refinery, Pak Arab Refinery, Byco Refinery, Pakistan State Oil Ltd, Shell Pakistan, UEP Pakistan, Sui Southern Gas Co Ltd, Baker Hughes, Halliburton Ltd, Marathon Construction, Mari Gas, MOL Pakistan, Nuricon, OMV Pakistan etc. This helps in preparing prospective candidates for the petroleum industry.

The department also organizes technical lectures and seminars to develop sound knowledge and skills in the students for their career-building. Students also participate in the students chapters of many learned societies such as SPE, PAPG, KUPTAA. Students are engaged in field work in various industries/areas for practical training/knowledge.

## Career Opportunities

Students obtaining a Master's degree in Petroleum Technology can easily get jobs in Pakistan. Middle

East and other countries. A Petroleum technologist is required by petroleum industry at every stage i.e. exploration and development of oil and gas fields, transportation and distillation of crude in refineries, as well as distribution and marketing of its products.

## Faculty Members

### Assistant Professors

- Mr. Kashif Sadiq (*In Charge*)
- Mr. Syed Ghufuran Alam

### Lecturers

- Engr. Syed Hasan Abbas Zaidi
- Mr. Atif Zafar
- Mr. Faraz Sufyan
- Mr. Anaiz Gul Fareed
- Mr. Abdul Ahad Mazoor

## Evening Program Available

- Certificate Course in Petroleum Technology

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2418

**Website:** [www.uok.edu.pk/faculties/petroleumtechnology](http://www.uok.edu.pk/faculties/petroleumtechnology)

**Email:** [pt@uok.edu.pk](mailto:pt@uok.edu.pk)

Department of

# Physics

## Introduction

The department of Physics was established in 1952 with Professor Dr. Mujtaba Karim as the founding Chairman. Currently the department plays an important role in the development of Science and Technology in the country. Since its inception, a considerable number of students have obtained their degree and are now rendering their services in reputable organizations within and outside the country. The department has eighteen regular faculty members and a number of visiting, assistant and associate teachers. The department of Physics offers a full program of courses and research leading to B.Sc.(H), M.Sc., M. Phil. and Ph.D. degrees. Each year over one thousand students attend Physics courses in the department. To keep students abreast with the recent development in the field of Physics, conferences and seminars are also organized in the department.

## Facilities

Beside teaching laboratories, the department has a number of other laboratories for research purpose, like:

- Spectroscopy Research Laboratory
- Solid State Research Laboratory
- Condensed Matter Research Laboratory
- Electronics Laboratory
- Computer Laboratory
- A Liquid Nitrogen Plant
- Seminar Library
- Mechanical Workshop
- Glass Blowing Section
- Brain Computer Interface Laboratory

## Specific Research Areas

The most significant aspect of learning Physics is that it is an experimental science, not an abstract intellectual discipline. Presently, M.Phil. & Ph.D. programs are in progress and research study in various fields is being done. In these studies, collaboration from other organizations & institutes is also sought when needed. Qualified faculty members are actively engaged in research areas such as:

- Spectroscopy
- Medical Physics
- Environmental Science
- Space Physics
- Theoretical Physics
- Material Science
- Optics
- Neurophysics

## Career Opportunities

After earning a degree in Physics with good grades,

there are bright chances of acquiring employment in government and private sector. For higher studies leading to M.Phil./Ph.D., interested students may proceed abroad or continue their education within the country. Graduates are also offered the opportunity to work as teaching associate / assistants in the department.

## Faculty Members

### Professors

- Dr. Shahid Mahmood
- Dr. Shabana Rizvi

### Associate Professors

- Dr. Imran Ahmed Siddiqui (*Chairman*)
- Dr. Zaheeruddin
- Dr. Intikhab Ulfat
- Dr. Syed Rizwan Ali

### Assistant Professors

- Dr. Syed Zeeshan Abbas
- Dr. Saifuddin Ahmed Jilani
- Dr. Asim Aijaz
- Dr. Sadaf Fatima
- Dr. Ibrahim Muhammad Babar

### Lecturers

- Ms. Rabia Najam
- Mr. Sheikh Muhammad Zeeshan Iqbal
- Mr. Ommair Ishaque
- Mr. Waqar Ahmed
- Ms. Rizwana Siddiqui
- Mr. Kamran-ul-Haq Khan
- Mr. Zuhoor Ilahi
- Mr. Imran Ahmed

## Evening Program Available

- B. Sc.(Hons.)

## For Further Enquiry

**Telephone:** 99261300-6 Ext- 2250

**Website:** [www.uok.edu.pk/faculties/physics](http://www.uok.edu.pk/faculties/physics)

**Email:** [physics@uok.edu.pk](mailto:physics@uok.edu.pk)

Department of

# Physiology

## Introduction

Being the backbone of every medical breakthrough, the Department of Physiology occupies an exalted position in the faculty of Science, University of Karachi. The department holds the legacy to introduce teaching and research programs in Basic and Experimental Physiology outside the medical college and is proud to be the only department which has produced M.Phils. and Ph.Ds. in various disciplines of Physiology. Currently, the department is engaged in teaching and research areas that include: neurophysiology, endocrine physiology, reproductive physiology, poultry physiology, pathophysiology and hematology.

As Physiology is the base that resonates from cell to organism, likewise the mission of this department is to nurture the young minds who can become quality scientists and learners. The department aims to produce experts that diligently harvest in cutting-edge research and generate endless possibilities for the development of novel therapeutic drugs and technologies.

## Facilities

The department has sufficient facilities necessary to run the academic and research activities such as:

- Well-equipped Labs for students & researchers
- Audiovisual aids like overhead projectors, multimedia, camera and television for interactive teaching.
- A well-organized Seminar Library with the latest textbooks and references on various disciplines of Physiology.
- Basic & ultimate Power Lab for laboratory experiments & demonstrations.
- Computer facilities in all special units for researchers. A separate computer laboratory is also available for academic & research activities.
- Internship facilities for students in different organizations.

## Specific Research Areas

At present, the department has five well-equipped labs specializing in the fields of Pathophysiology, Molecular Endocrinology, Neuromuscular Physiology, Haematology and Poultry Physiology supporting post graduate studies along with an animal house. Moreover, the faculty members are conducting research in various fields of contemporary Physiology to explore normal and abnormal physiology which includes areas in diabetes, cancer, female fertility, ischemic renal disease, oxidative stress, liver cirrhosis, preeclampsia, infertility, CKD etc.

## Career Opportunities

Physiology opens up a wide range of careers in both basic and applied science dominantly related to healthcare. As

physiology is an experimental science, it develops many transferrable skills. With an undergraduate or postgraduate degree in Human Physiology and an excellent grounding to study further, there are a variety of careers one can opt for, like working as lab technician, clinical trials coordinator, medical assistant, scientific or medical writer, Exercise physiologist, Pharmacologist, Research scientist (medical). Clinical scientist, Medical sales representative, Physiotherapist, Neurophysiologist etc.

## Faculty Members

### Associate Professor

- Dr. Taseer A. Khan (*Chariman*)

### Assistant Professors

- Dr. Arifa Savanur
- Mr. Zulfiqar Ahmed
- Dr. Nazish Iqbal Khan
- Dr. Lubna Naz
- Dr. Sadaf Ahmed
- Dr. Anwar Ali
- Dr. Sumera Sohail
- Dr. Mudassir H. Rizvi
- Ms. Samia Mushtaq
- Dr. Mehru Nisa
- Dr. Ghazala Yasmeen
- Ms. Ambreen Niazi

### Lecturers

- Mr. Faizan Mirza
- Ms. Uzma Firdous
- Mr. Muhammad Nisar

## Evening Program Available

- B.Sc.(Hons.)

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2296 / 3458

**Website:** [www.uok.edu.pk/faculties/physiology](http://www.uok.edu.pk/faculties/physiology)

**Email:** [physiology@uok.edu.pk](mailto:physiology@uok.edu.pk)

## Department of

# Statistics

### Introduction

The department of Statistics, University of Karachi was established in the year 1963. Both in terms of physical facilities and academic facilities, the department of Statistics is one of the most popular departments in the university.

### Facilities

The department has a Seminar Library and data bank stocked with a number of latest books on all branches of Statistics. The library has also a large collection of statistical publications of national and international organizations. The students and researchers are also using the facilities of data bank in the department that has several computer laboratories with more than 100 computers.

Well-equipped Computer Laboratories with an environment of networking and statistical packages such as SAS, SPSS, S-PLUS, R.STATA, EVIEWS, MATHEMATICA, MATLAB, MINITAB, ITSM etc, are available for students and researchers.

### Career Opportunities

The opportunities are open for the students of Statistics and Actuarial Sciences and Risk Management in all fields including banks, industries, government organizations (FBS, SBS, PBS, State Bank, etc.), research organizations, insurance and investment fields.

### Faculty Members

#### Professor

- Dr. Mudassir Uddin

#### Associate Professors

- Mr. Muhammad Aslam
- Dr. Ehtesham Hussain (*Chairman*)

#### Assistant Professors

- Mrs. Rafia Shafi
- Dr. Farah Yasmeeen
- Dr. Arfa Maqsood
- Dr. Suboohi Safdar
- Dr. Bushra Shamshad
- Ms. Samreen Fatima

#### Lecturers

- Ms. Rahat Bibi
- Ms. Tanzila Yaqoob
- Ms. Zara Omar
- Ms. Saba Naz
- Mr. Tayyab Raza Fraz

### Evening Programs Available

- B.A./B.Sc.(Hons.)
- BS ( Actuarial Sciences& Risk Management)

### For Further Enquiry

**Telephone:** 99261300-6 Ext-2298

**Website:** [www.uok.edu.pk/faculties/statistics](http://www.uok.edu.pk/faculties/statistics)

**Email:** [stats@uok.edu.pk](mailto:stats@uok.edu.pk)

## Department of

# Zoology

### Introduction

The department of Zoology was established in 1951 and holds a pivotal position in the faculty of Science. Right from its inception, the department has imparted quality education at B.Sc.(Hons.) and M.Sc. levels. It also provides facilities for post-graduate research leading to M.Phil. and Ph.D. degrees. Presently almost all the faculty members are Ph.D. degree holders. More than 80 research projects funded and sponsored by national as well as international agencies have been successfully completed by the faculty members. Three research journals are edited by our faculty members: *Wildlife and Natural History*, *International Journal of Biology Research* and *Pakistan Journal of Entomology* (HEC recognized). We are proud to mention that more than two thousand (2000) research paper by the faculty members of Zoology have been published in national and international research journals. Besides the publication of research papers, our faculty members have published 75 books and monographs.

### Facilities

The department has a Computer Lab and Instrument Labs of Toxicology and Hydrology containing Atomic Absorption HPLC. and GLC, Graphite Furnace, Colorimeter, Spectrophotometer and latest microscopic photographic system. In addition to the instrument Labs, the department has a Museum of Natural History which occupies a special place among the museums of Pakistani universities. It has a huge collection of vertebrates and invertebrates from James Murray's collection and substantial collection of fresh water and Marine fauna of Arabian Sea, Persian Gulf and Indian Ocean. Since the establishment of the Department a considerable addition of insects has been made from various areas of Pakistan and Bangladesh including Oriental, Trans-Himalayan (Palaeartic) and Ethiopian region from Lasbela and Makran Coast. Work on fish taxonomy and pathology (freshwater and marine), protozoans, helminths, insects and other arthropods is undertaken by trained and experienced staff. The department is also working in collaboration with the outstanding taxonomists in Japan, Europe, U.S.A. and Canada.

### Specific Research Areas

- Applied Zoology
- Entomology
- Limnology and Freshwater Fishery Biology
- Marine Zoology
- Parasitology
- Wildlife and Fisheries

### Career Opportunities

The graduates of Zoology get jobs as teachers of Zoology in Universities, Colleges and Schools, and as subject experts in various Educational Boards. Job opportunities are available in the Department of Agriculture, Agriculture Extension Department, Department of Forestry, Plant Protection, Freshwater Fisheries, Marine Fisheries Department, Fish Processing Industries, Coastal Development, Marine Observatoire, Environmental Protection Agency (EPA), Fisheries Harbour Authority, Naval Hydrography and Shipping Industries, Wildlife Management Department, Foods and Resource Economics, Medicine Companies, Aquaculture Industries,

Zoological Survey Department, Zoological Gardens, Safari Parks, Pakistan Council of Scientific and Industrial Research, National Institute of Oceanography, Pakistan Agricultural Research Council, IUCN, Public and Private sectors, pathological laboratories, Pakistan Atomic Energy Commission (Entomology section), Pesticide companies and pest control agencies, Pakistan Central Cotton Committee, Govt. of Pakistan Horticulture Department, Quarantine Department, Armed Forces Pest Control Positions, hospitals, Govt. Health Department and Malaria Management Department, etc. They are also hired by Middle East and Far East Countries for Forestry Department, Aquaculture industries related to marine resources and pest control programmes.

### Faculty Members

#### Professors

- Dr. M. Arshad Azmi (*Chairman & Controller of Examination*)
- Dr. Nasira Khatoon
- Dr. Rehana Yasmeen Farooq
- Dr. Syed Ansar Rizvi
- Dr. Musarrat Jahan Yousuf
- Dr. Seema Tahir

#### Associate Professors

- Dr. Rahila Tabassum
- Dr. Farzana Yousuf
- Dr. Muhammad Shoaib
- Dr. Solaha Rahman
- Dr. Karim Gabool

#### Assistant Professors

- Ms. Afshan Jabbar Khan
- Dr. Ghazala Yasmeen
- Dr. Shahina Rao
- Dr. Rizwana A. Ghaffar
- Dr. Samreen Mirza
- Dr. Sumera Farooq
- Dr. Shakeel Perveen
- Dr. M. Tariq Rajput
- Dr. Roohi Kanwal
- Dr. Atia Batool

### Evening Programs Available

- B.Sc.(Hons.)

### For Further Enquiry

**Telephone:** 99261300-6 Ext-2299

**Website:** [www.domsku.com/zoology](http://www.domsku.com/zoology)  
[www.uok.edu.pk/faculties/zoology](http://www.uok.edu.pk/faculties/zoology)

**Email:** [zoology@uok.edu.pk](mailto:zoology@uok.edu.pk)

# TABLE-I

## Eligibility for Masters / Post Graduate Programs

S.#	Department	Class	No. of Seats	Required eligibility
1.	APPLIED PHYSICS	M.Sc.	60	i) B.Sc. with Physics and Mathematics (With specialization in Electronics) ii) B.E. (Electrical / Electronics) iii) B.Tech.(Hons.) Electronics / Electrical / Telecommunication)
2.	COMPUTER SCIENCE	MCS	70	i) BCS from Institutions affiliated with University of Karachi with a minimum 2.5 CGPA ii) B.Sc. / B.A./B.E./ B.Tech.(Hons.) with Mathematics or Statistics or Physics as one of the subjects. iii) B.A./B.Sc./ B.Com. and Post Graduate Diploma in Computer and Information System / Statistics / Mathematics from University of Karachi.
3.	ISLAMIC BANKING AND FINANCE	IBF	50	B.A./B.Sc./ B.Com.
4.	LIBRARY & INFORMATION SCIENCE	B.L.I.S	35	Graduation 2 <sup>nd</sup> Division in any discipline
5.	PHARMACEUTICS	MS	45	Pharm-D
6.	TEACHER EDUCATION	B.Ed. (Hons.) 1.5 Years	35	16 Years of Education (BS/Masters or equivalent in any discipline with at least 45% marks (Second Division) like Sciences, Social Sciences, Humanities and others. (Except BS/MA Education and M.Ed. etc.
		B.Ed. (Hons.) 2.5 Years	35	14 Years of education (B.A., B.Sc., B.Com. or equivalent in any discipline with at least 45% marks (Second Division) like Sciences, Social Sciences, Humanities and others (except ADE).
7.	ZOOLOGY	M.Sc.	80	B.Sc. (with Zoology)

# TABLE - II

## Eligibility for Admission to Bachelors Programs Faculty of Education and Arts & Social Sciences

S.#	Department	Class	No. of Seats	Required eligibility
1.	ECONOMICS	B.A./B.Sc.(H)	100	'A' level/Intermediate (with Economics) / Intermediate Commerce
			50	Intermediate Science (with Physics, Mathematics or Statistics).
<b>(In case of vacant seats, allocation of seats can be interchanged on the basis of merit)</b>				
2.	CRIMINOLOGY	B.A. (H)	100	Intermediate or equivalent
3.	EDUCATION	B.A. (H)	25	Intermediate with Education
			20	Intermediate or equivalent
4.	ENGLISH	B.A. (H)	50	i) 'A' Level (with English Literature)
				ii) 'A' Level (with English General [A,B or C grade])
				iii) Intermediate (with at least 50% marks in Elective English)
				iv) Intermediate (with at least 50% marks in Advance English)
				v) Intermediate (with at least 60% marks in English Compulsory)
<b>(Admissions will be given according to the above order of priority)</b>				
5.	GENERAL HISTORY	B.A. (H)	25	Intermediate with General History
			65	Intermediate
			10	DAE
6.	INTERNATIONAL RELATIONS	B.A. (H)	50	Intermediate Arts with Civics, General History, Economics, Sociology or Logic
			15	Intermediate Science with 1 <sup>st</sup> division
			05	Intermediate Commerce with 1 <sup>st</sup> division
<b>(In case of vacant seats, allocation of seats can be interchanged on the basis of merit)</b>				
7.	MASS COMMUNICATION	B.A. (H)	48	Intermediate (Arts/Science / Commerce / Home Economics) or equivalent
			02	DAE

S.#	Department	Class	No. of Seats	Required eligibility
8.	<b>PSYCHOLOGY</b>	B.A./B.Sc. (H)	45	Intermediate or equivalent
9.	<b>SOCIOLOGY</b>	B.A. (H)	150	Intermediate or equivalent.
10.	<b>SPECIAL EDUCATION</b>	B.A. (H)	50	Intermediate or equivalent.
11.	<b>TEACHER EDUCATION</b>	B.Ed. (H) 4 Years	50	Intermediate or equivalent with at least 50% marks
12.	<b>URDU</b>	B.A. (H)	100	Intermediate or equivalent or "A" Level with Urdu Advance or Urdu Compulsory
13.	<b>WOMEN'S &amp; GENDER STUDIES</b>	B.A. (H)	50	Intermediate or equivalent.

## Eligibility for Admission to Bachelor Programs Faculty of Science

S.#	Department	Class	No. of Seats	Required eligibility
1.	<b>ACTUARIAL SCIENCES &amp; RISK MANAGEMENT</b>	BS	50	i) Intermediate, H.S.C or equivalent with Mathematics at least 50% Marks ii) "A" level with Mathematics at least B-Grade (Equivalence certificate would be required)
2.	<b>AGRICULTURE &amp; AGRIBUSINESS MANAGEMENT</b>	BS	50	Intermediate Science or equivalent
3.	<b>APPLIED CHEMISTRY &amp; CHEMICAL TECHNOLOGY</b>	B.Sc.(H)	45 05	Intermediate Science (with Mathematics, Physics and Chemistry) DAE (with Chemical Technology)
4.	<b>APPLIED PHYSICS</b> (with specialization in Electronics) (Admission will be granted on the basis of Entry Test)	B.Sc.(H)	45 5	i) Intermediate / "A" Level (with Physics and Mathematics) ii) DAE (Electronics or Electrical)
<b>Note:</b> Admissions will be granted on the basis of Academic Percentage in the Intermediate or equivalent examination after qualifying the Entry Test with minimum 50 % marks.				
5.	<b>BIOCHEMISTRY</b>	B.Sc.(H)	65	Intermediate Science (with Chemistry and Biology)
6.	<b>BIOTECHNOLOGY</b>	B.Sc.(H)	50	Intermediate Science Pre-Medical / Pre-Engineering

S.#	Department	Class	No. of Seats	Required eligibility
7.	<b>BOTANY</b>	B.Sc.(H)	75	Intermediate Science (With Biology) 2 <sup>nd</sup> Division
8.	<b>CHEMISTRY</b>	B.Sc.(H)	60 05	Intermediate Science (with Chemistry) DAE
9.	<b>COMPUTER SCIENCE</b>  (Admission in BSCS and BSSE will be granted on the basis of Entry Test)	BSCS BS(Computer Science)  BSSE BS(Software Engineering)	110  110	Intermediate (Pre-Engineering) / Intermediate with (Mathematics, Statistics and Computer Science) /Intermediate with (Mathematics, Statistics and Economics) with at least 55% marks.  DAE (Mechanical / Electrical / Electronics / Computer Information Technology) with at least 65% marks.  Intermediate (Pre-Engineering) / Intermediate with (Mathematics, Statistics and Computer Science) /Intermediate with (Mathematics, Statistics and Economics) with at least 55% marks.  DAE (Mechanical / Electrical / Electronics / Computer Information Technology) with at least 65% marks.
<b>Note:</b> Admissions will be granted on the basis of Academic Percentage in the Intermediate or equivalent examination after qualifying the Entry Test with minimum 50 % marks.				
10.	<b>ENVIRONMENTAL STUDIES</b>	B.Sc.(H)	50	Intermediate Science or equivalent
11.	<b>FOOD SCIENCE &amp; TECHNOLOGY</b>	BS	45	Intermediate Science with Pre- Engineering / Pre-Medical
12.	<b>HEALTH, PHYSICAL EDUCATION &amp; SPORTS SCIENCES</b>	B.Sc.(H)	25 15 10 10	Intermediate (Pre-Medical) Intermediate (Pre-Engineering) Intermediate (General Sciences) Intermediate Arts/Commerce/Physical Education in Subject / Diploma in Physical Education
13.	<b>INSTITUTE OF SPACE SCIENCE &amp; TECHNOLOGY</b>	B.Sc.(H) (Space Science and Technology)	70	i) Intermediate Science with Mathematics and Physics. ii) DAE (Electrical, Electronics, Mechanical, Radio, T.V., Telecommunication, Computer Information Technology)

S.#	Department	Class	No. of Seats	Required eligibility
14.	<b>MATHEMATICS</b>	B.A./B.Sc.(H)	120	i) Intermediate (Pre-Engineering Group) at least 50% Marks ii) Intermediate (Pre-Medical Group) at least 50% Marks, with Certificate Course in Mathematics
	<b>BS FINANCIAL MATHEMATICS</b>		60	Intermediate (Pre-Engineering Group) at least 50% Marks
			20	Intermediate (Arts / Commerce / DAE / Pre-Medical)
15.	<b>MICROBIOLOGY</b>	B.Sc.(H)	50	Intermediate Science (with Biology)
16.	<b>PHYSIOLOGY</b>	B.Sc.(H)	100	Intermediate Science (with Biology)
				Intermediate Science (with Physics and Mathematics)
17.	<b>PHYSICS</b>	B.Sc.(H)	45	DAE (Electronics, Mechanical, Electrical, Radio, T.V., Telecommunication, Computer Information Technology)
			05	
18.	<b>STATISTICS</b>	B.A./B.Sc.(H)	50	Intermediate Science/Arts (with Mathematics)
			05	DAE (with Mathematics)
19.	<b>ZOOLOGY</b>	B.Sc.(H)	120	Intermediate Science (Biology Group)

## Eligibility for admission to Bachelors Programs Faculty of Management and Administrative Sciences

S.#	Department	Class	No. of Seats	Required eligibility
1.	<b>KARACHI UNIVERSITY BUSINESS SCHOOL</b>	BBA	50	Intermediate / A-Level with at least 50% marks
2.	<b>COMMERCE</b>	BS	60	Intermediate (At least 50%)
3.	<b>PUBLIC ADMINISTRATION</b>	BPA	60	Intermediate Arts, Science & Commerce or equivalent
			10	DBA / DAE

# TABLE - III

## Diploma Program, Faculty of Arts & Social Sciences

S.#	Department	Class	No. of Seats	Required eligibility
1.	<b>POLITICAL SCIENCE</b> <b>DIPLOMA IN LOCAL GOVERNMENT AND ADMINISTRATION</b>	<b>DLG</b>	45	Graduation or equivalent
2.	<b>PERSIAN</b>	<b>DPR</b>	50	Intermediate with Certificate in Persian from Karachi University.
3.	<b>TEACHER EDUCATION</b> <b>DIPLOMA IN EARLY CHILDHOOD EDUCATION</b>	<b>DEE</b>	40	Graduation or equivalent

# TABLE - IV

## Certificate Courses

S.#	Department	No. of Seats	Required eligibility
1.	<b>ARABIC</b>	50	Intermediate or equivalent
2.	<b>CHILD PSYCHOLOGY</b>	50	Intermediate or equivalent
3.	<b>HUMAN BEHAVIOR</b>	50	Intermediate or equivalent
4.	<b>LIBRARY AND INFORMATION SCIENCES</b> (Advance Certificate Course)	45	M.L.I.S (Masters in Library & Information Science) (Only those students who have gotten M.L.I.S before 2007)
5.	<b>MASS COMMUNICATION</b>	50	Intermediate or equivalent
6.	<b>MATHEMATICS</b>	50	i) Intermediate or equivalent ii) DBA with Mathematics
7.	<b>MICROBIOLOGY (MCC)</b>	45	Candidates possessing MBBS / BDS / B.Sc. in any Life Sciences discipline.
8.	<b>PERSIAN LANGUAGE</b>	50	Intermediate
9.	<b>PETROLEUM TECHNOLOGY</b> Candidate must have 5 years experience in the Petroleum Industry.	45	Intermediate Science (Pre-Engineering)
10.	<b>TAFSIR UL QUR'AN</b>	35	Intermediate or Equivalent / Graduate Level Students/ Professionals

S.#	Department	No. of Seats	Required eligibility
11.	<b>AAOIFI SHARIAH STANDARD</b>	35	14 years of Education or Equivalent / Professionals
12.	<b>ISLAMIC BANKING</b>	35	14 years of Education or Equivalent / Professionals
13.	<b>SOCIAL WORK</b>	50	Intermediate or equivalent
14.	<b>URDU</b> (One Year Professional Certificate Course of TADREES-E-URDU))	50	Graduation (in any discipline)
15.	<b>URDU</b> (Six Months Certificate Course of DAFTARI URDU)	100	Graduation (in any discipline)
16.	<b>WOMEN'S STUDIES (Short Course)</b>	50	Graduation (in any discipline)

# TABLE-V FEE STRUCTURE

S.#	ADMISSION FEE HEADS	FEE RS.
i)	Admission Fees (Shall be Charged at the beginning of each academic year)	Rs. 2,500/-
ii)	Enrolment Fee	Rs. 1,500/-
iii)	Development Fee	Rs. 2,500/-
iv)	Caution Money (Refundable)	Rs. 1,500/-
	<b>TOTAL AMOUNT</b>	<b>Rs. 8,000/-</b>

## BACHELORS / MASTERS /M.PHARM PROGRAMS FEE

**TUITION FEE will be charged at the Beginning of Every Semester**

S #	DEPARTMENT / PROGRAM	TUITION FEE	ADMISSION FEE	TOTAL FEE Rs.
1.	Actuarial Sciences & Risk Management	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
2.	Agriculture & Agribusiness Management	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
3.	Applied Chemistry & Chemical Technology	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
4.	Applied Physics (B.Sc. Hons.)	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
5.	Applied Physics (M.Sc.)	Rs.32,000/-	Rs.8,000/-	Rs.40,000/-
6.	Biochemistry	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
7.	Biotechnology	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
8.	Botany	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
9.	Criminology	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
10.	Karachi University Business School (BBA)	Rs.42,000/-	Rs.8,000/-	Rs.50,000/-
11.	Chemistry	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
12.	Computer Science (BSCS / BSSE / MCS)	Rs.34,500/-	Rs.8,000/-	Rs.42,500/-
13.	Commerce (BS)	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
14.	Economics	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
15.	Education	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
16.	English	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
17.	Environmental Studies	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
18.	Food Science & Technology	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
19.	History	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
20.	International Relations	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-

S #	DEPARTMENT / PROGRAM	TUITION FEE	ADMISSION FEE	TOTAL FEE Rs.
21.	Institute of Space Science & Technology (B.Sc. Space Science & Technology)	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
22.	Islamic Banking and Finance	Rs.25,500/-	Rs.8,000/-	Rs.33,500/-
23.	Library and Information Science (B.L.I.S)	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
24.	Mass Communication	Rs.30,000/-	Rs.8,000/-	Rs.38,000/-
25.	Mathematics	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
26.	BS Financial Mathematics	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
27.	Microbiology	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
28.	Health, Physical Education & Sports Sciences	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
29.	Pharmaceutics (MS)	Rs.50,500/-	Rs.8,000/-	Rs.58,500/-
30.	Physics	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
31.	Physiology	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
32.	Psychology	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
33.	Public Administration (BPA)	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
34.	Sociology	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
35.	Special Education	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
36.	Statistics	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
37.	Teacher Education, B.Ed. (H) Secondary (1.5 Year)	Rs.28,000/-	Rs.8,000/-	Rs.36,000/-
38.	Teacher Education, B.Ed. (H) Secondary (2.5 Year)	Rs.28,000/-	Rs.8,000/-	Rs.36,000/-
39.	Teacher Education, B.Ed. (H) (4 Year)	Rs.28,000/-	Rs.8,000/-	Rs.36,000/-
40.	Urdu	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
41.	Women and Gender Studies	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
42.	Zoology (B.Sc. / M.Sc.)	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-

## DIPLOMA PROGRAM

S #	DEPARTMENT / PROGRAM	TUITION FEE	ADMISSION FEE	TOTAL FEE Rs.
1.	Diploma in Early Childhood Education	Rs.24,000/-	Rs.8,000/-	Rs.32,000/-
2.	Local Government and Administration (DLG) Department of Political Science	Rs.23,500/-	Rs.8,000/-	Rs.31,500/-
3.	Diploma in Persian	Rs.24,000/-	Rs.8,000/-	Rs.32,000/-

## CERTIFICATE COURSES

S #	DEPARTMENT / PROGRAM	TUITION FEE	ADMISSION FEE	TOTAL FEE Rs.
1.	Arabic	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
2.	Child Psychology	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
3.	Human Behavior	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
4.	Mathematics	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
5.	Library & Information Science	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
6.	Mass Communication	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
7.	Microbiology (MCC)	Rs.31,000/-	Rs.8,000/-	Rs.39,000/-
8.	Persian	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
9.	Petroleum Technology	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
10.	Tafsir ul Qur'an	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
11.	AAOIFI Shariah Standard	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
12.	Islamic Banking	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
13.	Social Work	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
14.	Urdu(One Year Professional Certificate Course of TADREES-E-URDU)	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
15.	Urdu(Six Months Certificate Course of DAFTARI URDU)	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-
16.	Women & Gender Studies (Short Course)	Rs.10,000/-	Rs.8,000/-	Rs.18,000/-

### FOR INTERNATIONAL STUDENTS

At the Bachelors level, International Students are required to Pay Rs.2,60,000/- per academic year.

#### IMPORTANT NOTE FOR ALL CANDIDATES

1. Fee shall be deposited through CASH.
2. There is no provision for fee concession, installments or scholarships for Evening Program.

# TABLE-VI

## FEE REFUND POLICY

### NATIONAL LEVEL FEE-REFUND POLICY AT HIGHER EDUCATION INSTITUTIONS OF PAKISTAN

<b>%AGE OF FEE*</b>	<b>TIMELINE** FOR SEMESTER/TRIMESTER SYSTEM</b>	<b>TIMELINE FOR ANNUAL SYSTEM</b>
<b>FULL (100%) FEE REFUND</b>	UP TO 7 <sup>TH</sup> DAY OF COMMENCEMENT OF CLASSES	UP TO 15 <sup>TH</sup> DAY OF COMMENCEMENT OF CLASSES
<b>HALF (50%) FEE REFUND</b>	FROM 8 <sup>TH</sup> – 15 <sup>TH</sup> DAY OF COMMENCEMENT OF CLASSES	FROM 16 <sup>TH</sup> - 30 <sup>TH</sup> DAY OF COMMENCEMENT OF CLASSES
<b>NO FEE (0%) REFUND</b>	FROM 16 <sup>TH</sup> DAY OF COMMENCEMENT OF CLASSES	FROM 31 <sup>ST</sup> DAY OF COMMENCEMENT OF CLASSES

1. PERCENTAGE(%) OF FEE SHALL BE APPLICABLE ON ALL COMPONENTS OF FEE, EXCEPT FOR SECURITY AND ADMISSION CHARGES.
2. TIMELINE SHALL BE CALCULATED CONTINUOUSLY COVERING BOTH WEEKDAYS AND WEEKEND.

# TABLE-VII

## Last Year Closing percentages bycategory and eligibility for Bachelors / Masters & Certificate Admissions-2019

(These percentages are only for guidance and not applicable for Admissions-2020)

S.#	DEPARTMENT	CODE	CATEGORY		
			"K"	"S"	"P"
1	ACTUARIAL SCIENCE & RISK MANAGEMENT	ASR	50.09	51.27	53.27
2	AGRICULTURE & AGRIBUSINESS MANAGEMENT	AGR	45.00	54.25	70.91
3	APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY	ACH	62.18	--	--
4	APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY (DAE)	ACH	58.59	--	62.91
5	BIOCHEMISTRY	BCH	48.45	60.64	--
6	BIOTECHNOLOGY	BTH	65.82	--	--
7	BOTANY	BOT	45.27	48.91	56.18
8	CHEMISTRY	CHM	49.18	--	--
9	CHEMISTRY (DAE)	CHM	65.15	--	--
10	COMMERCE	COM	64.25	--	--
11	CRIMINOLOGY	CRI	55.82	--	--
12	ECONOMICS (Arts / Commerce Group)	ECO	45.00	69.09	70.64
13	ECONOMICS (Science Group)	ECO	49.73	--	--
14	EDUCATION (Merit)	EDU	47.64	--	--
15	EDUCATION (with EDU)	EDU	45.36	--	45.73
16	ENGLISH ('A' Level with A,B,C Grade / 'A' level with Literature / Elective & Advance English with >= 50% marks)	ENG	74.09	--	--
17	ENGLISH (Compulsory with 60% marks)	ENG	47.09	74.55	--
18	ENVIRONMENTAL STUDIES	ENV	47.55	--	--
19	FINANCIAL MATHEMATICS (BS) (General)	MATF	47.45	--	--
20	FINANCIAL MATHEMATICS (BS) (Pre-Engr.)	MATF	50.00	59.45	71.45
21	FOOD SCIENCE & TECHNOLOGY	FST	72.64	--	--
22	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Arts / Com.)	HPE	45.27	--	56.45
23	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Gen. Sci.)	HPE	49.00	--	46.55
24	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Pre-Engr.)	HPE	45.00	--	--
25	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Pre-Medical)	HPE	47.91	64.64	46.45
26	HISTORY (DAE) (GENERAL HISTORY)	GHS	58.56	78.12	62.79
27	HISTORY (Merit) (GENERAL HISTORY)	GHS	45.00	64.45	--
28	HISTORY (with GHS) (GENERAL HISTORY)	GHS	--	--	49.82
29	INTERNATIONAL RELATIONS (Arts with CIV, GHS, ECO, SCL, LOG)	IRL	45.00	50.00	47.27
30	INTERNATIONAL RELATIONS (Commerce Group)	IRL	60.64	--	66.55
31	INTERNATIONAL RELATIONS (Science Group)	IRL	60.27	74.45	--
32	MASS COMMUNICATION	MCD	67.00	--	--
33	MASS COMMUNICATION (DAE)	MCD	76.26	--	--
34	MATHEMATICS	MAT	50.00	51.18	58.82
35	MICROBIOLOGY	MBI	48.09	83.18	--
36	PHYSICS	PHY	45.27	61.45	60.64
37	PHYSICS (DAE)	PHY	63.15	--	70.49
38	PHYSIOLOGY	PHZ	45.18	55.27	49.00
39	PSYCHOLOGY	PSY	67.18	--	--
40	PUBLIC ADMINISTRATION	BPA	66.91	--	--
41	PUBLIC ADMINISTRATION (DAE / DBA)	BPA	74.71	--	--
42	SOCIOLOGY	SCL	45.00	66.27	--
43	SPACE SCIENCE & TECHNOLOGY	ISP	45.09	54.55	72.18
44	SPECIAL EDUCATION	SPE	45.00	46.91	46.00
45	STATISTICS (DAE with Mathematics)	STA	64.23	65.13	61.90
46	STATISTICS (Science / Arts Group with Mathematics)	STA	45.09	55.27	45.36
47	ZOOLOGY	ZOO	46.45	72.45	--
48	COMPUTER SCIENCE (MCS)	MCS	45.70	50.07	50.60
49	ISLAMIC BANKIN AND FINANCE (M.A.)	IBF	45.85	48.06	48.38
50	SCHOOL OF LAW (LLM) (02 Years)	LLM	49.10	51.05	50.90
51	TEACHER EDUCATION (B.Ed. (Hons.) (1.5 Years) (B15)	B15	46.20	62.92	57.83
52	TEACHER EDUCATION (B.Ed. (Hons.) (2.5 Years) (B25)	B25	47.75	56.80	47.50
<b>ENTRY TEST BASED PROGRAMS</b>					
S.#	DEPARTMENT / PROGRAM	CODE	Academic %	MINIMUM TEST SCORE	
53	APPLIED PHYSICS	APH	62.00	40	
54	COMPUTER SCIENCE (BSCS)	CMS	70.03	50	
55	COMPUTER SCIENCE (BSSE)	CME	69.09	50	
56	KARACHI UNIVERSITY BUSNISS SCHOOL (BBA)	BBA	72.00	40	

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ امسال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

# ACADEMIC CALENDAR

## FIRST SEMESTER – 2020

<b>Introduction Day</b>	<b>15<sup>TH</sup> January, 2020</b>
<b>Teaching</b>	<b>16<sup>th</sup> January, 2020 to 16<sup>th</sup> April, 2020</b>
<b>Semester Break</b>	<b>17<sup>th</sup> April, 2020 to 31<sup>st</sup> May, 2020</b>
<b>Final Examinations</b>	<b>1<sup>st</sup> June, 2020 to 19<sup>th</sup> June, 2020</b>

## SECOND SEMESTER – 2020

<b>Teaching</b>	<b>8<sup>th</sup> July, 2020 to 6<sup>th</sup> November, 2020</b>
<b>Final Examinations</b>	<b>9<sup>th</sup> November, 2020 to 27<sup>th</sup> November, 2020</b>
<b>Semester Break</b>	<b>1<sup>st</sup> December, 2020 to 31<sup>st</sup> December, 2020</b>

### Note:

- i. The University of Karachi shall observe all Federal and Provincial gazetted holidays, but examinations shall be held as per schedule.
- ii. Teaching in the evening program shall remain suspended during the holy month of Ramadan.