

UNIVERSITY OF KARACHI



EVENING PROGRAM ADMISSIONS 2018

UNIVERSITY
OF KARACHI



Our Vision

To become a world recognized university accessible to all sections of society and a representative of the best of human values and intellectual endeavor in all academic disciplines, contributing to the success and prosperity of the nation.

Our Mission

The University aims to be a prominent international seat of higher learning providing a vibrant academic environment and a focal point for creativity through research, mobilization of the community and quality education for humanity.



University of Karachi

Mohammad Zubair
Governor of Sindh

MESSAGE



We are on the threshold of a new academic year, a fresh beginning with new opportunities and challenges. The modern world has ushered a new era of knowledge, which directly or indirectly impacts human life. I find it immensely commendable that this premier institution of higher education is dexterously and ardently disseminating technology and advancement through its courses, as per the requirements of the contemporary era with significant progress in all avenues, be it research, academics or infrastructural development.

Students and teachers must always bear in mind that knowledge and cognition are the sole path that culminates towards the vast horizons of leadership and assists individuals in the revelation of the intricate truths of our world. Moreover, research based higher education also contributes to the success of, not only an individual, but also of the entire nation.

The joint academic and research –based projects of the University of Karachi, with the Universities of developed countries is a big leap forward to nurture unprecedented opportunities for the University’s faculty, students and researchers, enabling them to assimilate the latest research techniques and prepare appropriate projects for this metropolis and for the rest of the country.

The University of Karachi has modernized its courses and syllabi to combat the contemporary challenges and efficaciously resolved the prevalent problems. The University’s highly qualified faculty, concomitant with its enhanced facilities, serve as an allure for perspicacious students who, after obtaining their degrees from this institution, proudly stand at par with international standards.

I wish all of you good luck and a highly auspicious professional career.

Mohammad Zubair
Governor of Sindh
Chancellor, University of Karachi



University of Karachi

Prof. Dr. M. Ajmal Khan *p.p., s.i.*

Vice Chancellor

MESSAGE



The University of Karachi since its inception in 1951 has been contributed in providing quality education to the undergraduate and graduate students besides generating new knowledge through its post graduate students and faculty which is relevant to national and international needs. We have about 54 departments and 17 institutes provide a breath of knowledge in most of the contemporary fields ranging from philosophy, environmental science to law. We have grown from few thousand students to 36,000 students to date and our state of the art facilities are available to provide high quality education and to create cutting edge knowledge relevant to the need of society.

It gives me a great pleasure to welcome you to the great tradition and culture of the University of Karachi. You are going to be part of the family, which is spread worldwide and are contributing to the uplift of their Alma Mater. We hope to inspire and train you to the newer heights in knowledge so that you may optimally contribute to the uplift the downtrodden masses and take society from existing primitive state to a cyber level. I hope that after your education you will be able to generate ideas that may change Pakistan and the world.

We are looking forward to interacting with the community and the society so that we can determine our priority linked with the objective conditions and help government, businesses and other aspect of social society to achieve excellence.

Looking forward to welcoming you in the University of Karachi.

Prof. Dr. M. Ajmal Khan *p.p., s.i.*

Vice Chancellor



Directorate of Admissions

University of Karachi

Prof. Dr. M. Ahmed Qadri
Director Admissions

MESSAGE



Welcome to the University of Karachi, where excellence is nurtured, pursued and celebrated as we work to create a positive change for a better world. The University has digitalized its entire admission process in order to facilitate students seeking admission to our esteemed institution. Due to computerization and modernization, our University is now globally connected and the information regarding admission criteria, and subsequent admission process, can now be fully accessed and completed by all applicants with ease. The applicants will now be able to submit their applications and fees online without visiting the University.

Outstanding students, staff and alumni, cross-sectoral partners, and research based teaching have all combined to place the University of Karachi in the top echelons of the world's universities. The confluence of teaching and research creates a distinctive learning environment for our students.

The University offers rigorous and vibrant undergraduate, graduate and postgraduate degree programs in the Faculties of Education, Islamic Studies, Law, Management & Administrative Sciences, Medicine, Pharmacy, Science, and Arts & Social Sciences. The teaching and research programs are supervised by our renowned scholars. The University of Karachi also offers graduate and post-graduate students' laboratories, a vast and rich and diverse library of printed books as well as a digital library, moreover video-conferencing facilities in a multi-disciplinary environment are also available.

All these quintessential components, outstanding teaching, scholarships, support programs with flexibility and choice in programs, co-curricular and extra-curricular benefits combine to create a transformational and productive academic experience. Therefore, our students are the emerging leaders who will help shape tomorrow's world and create a positive change.

Generations of students, staff and alumni have built a positive image and reputation. I am confident that the students of the University of Karachi of today, and also tomorrow, will significantly enhance its name and reputation in the future.

Prof. Dr. M. Ahmed Qadri
Director, Admissions



Directorate of Evening Program

University of Karachi

Prof. Dr. Abid Hasnain
Director Evening Program

MESSAGE

I would like to take this opportunity to welcome the students who wish to get admission in this august institution.

University of Karachi is one of the oldest and highly renowned institutions in Pakistan and has worldwide recognition. The higher education through evening program is an opportunity for those who due to any reason may not continue their education. Thus, the Evening Program with highly qualified and dedicated faculty members and supporting staff provide them an excellent opportunity to excel in the fields of their interest.

We have a very good reputation during the last 22 years and I sincerely hope that with the support and cooperation of the faculty members, we will be able to produce the best graduates in all disciplines who will serve the country with pride and honour.

I wish the new entrants a very bright and successful future.



Prof. Dr. Abid Hasnain
Director, Evening Program

UNIVERSITY OFFICIALS

Designation	Name	Ext.	Telephone
Vice Chancellor	Prof. Dr. Muhammad Ajmal Khan p.p., s.I.	2454	99261336-7
Registrar	Dr. Munawwar Rasheed	2233	99261344
Director, Admissions	Prof. Dr. Muhammad Ahmad Qadri	2260	99261362
Director, Evening Program	Prof. Dr. Abid Hasnain	2339	99261574

DEANS OF FACULTIES

Faculty of Arts & Social Sciences	Prof. Dr. Muhammad Ahmed Qadri	2260	99261362
Faculty of Science	Prof. Dr. Tasneem Adam Ali	2255	99261077
Faculty of Education	Prof. Dr. Nasir Sulman	2366	99261158
Faculty of Islamic Studies	Prof. Dr. Muhammad Ahmad Qadri	2394	99261655
Faculty of Law	Justice (Rtd) Dr. Ghous Muhammad	2464	32046762
Faculty of Management & Administrative Sciences	Prof. Dr. Tahir Ali	2587	99261025
Faculty of Medicine	Prof. Dr. Nargis Anjum		99260304
Faculty of Pharmacy & Pharmaceutical Sciences	Prof. Dr. Iqbal Azhar	2259	99261367
Faculty of Engineering	Prof. Dr. Tasneem Adam Ali	2255	99261077

CONTENTS

➤ Introduction	1	➤ Environmental Studies	32
➤ The Karachi University Degree	1	➤ Food Science & Technology	33
➤ Evening Program	2	➤ <i>Health, Physical Education & Sports Sciences</i>	34
General Information	3	➤ <i>Institute of Space & Planetary Astrophysics</i>	35
System of Studies	5	➤ <i>Mathematics</i>	36
Instructions for International Students	6	➤ <i>Microbiology</i>	37
Admission Policy	6	➤ <i>Petroleum Technology</i>	38
Admission Form	10	➤ <i>Physics</i>	39
Procedure of Admission from Selected Candidates	11	➤ <i>Physiology</i>	40
Undertaking	13	➤ <i>Statistics</i>	41
Faculty of Education	14	➤ <i>Zoology</i>	42
➤ Education	14	Faculty of Arts & Social Sciences	43
➤ Special Education	15	➤ <i>Arabic</i>	43
➤ Teacher Education	16	➤ <i>Criminology</i>	44
Faculty of Islamic Studies	16	➤ <i>Economics</i>	45
➤ Islamic Learning	17	➤ <i>English</i>	46
Faculty of Law	17	➤ <i>General History</i>	47
➤ School of Law	18	➤ <i>International Relations</i>	48
Faculty of Management and Administrative Sciences	18	➤ <i>Library and Information Science</i>	49
➤ Karachi University Business School	19	➤ <i>Mass Communication</i>	50
➤ Commerce	20	➤ <i>Persian</i>	51
➤ Public Administration	21	➤ <i>Political Science</i>	52
Faculty of Pharmacy and Pharmaceutical Sciences	21	➤ <i>Psychology</i>	53
➤ Pharmaceutics	22	➤ <i>Sociology</i>	54
➤ Pharmacology	23	➤ <i>Social Work</i>	55
Faculty of Science	23	➤ <i>Urdu</i>	56
➤ Agriculture & Agribusiness Management	24	➤ <i>Women's and Gender Studies</i>	57
➤ Applied Chemistry & Chemical Technology	25	Table - I (Masters Programs)	58
➤ Applied Physics	26	Table - II (Bachelors Programs)	59
➤ Biochemistry	27	Table - III (Diploma Programs)	63
➤ Biotechnology	28	Table - IV (Certificate Programs)	64
➤ Botany	29	Table - V (Fee Structure)	65
➤ Chemistry	30	Table - VI (Last year closing percentages)	68
➤ Computer Science	31	Academic Calendar	69

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 is 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. Some newly introduced programs, include B.Sc. in Space Science and Technology and B.A.(Hons.) in Criminology.

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 by 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 execute 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 process 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 and Special Persons. etc. Merit is the only criterion for obtaining admissions on the reserved seats, as well.

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 five percent (5%) of the seats, allocated for open merit, has 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 certificates: SSC/Matric, HSC/Intermediate or Bachelor's 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 certificates, SSC/Matric, HSC/Intermediate or Bachelor's Degree examinations from a recognized educational institution outside the Province of Sindh but within Pakistan.

Preference in admissions is given to "K" category candidates. If applicants are fewer than the seats, or if they do not qualify the eligibility criteria, or if the seats are left vacant, then "S" Category candidates are considered. If seats are still available, then consideration is given to "P" category candidates.

Note:

Admissions in the Entry-Test-Based departments will be granted on merit after qualifying the Entry Test (minimum passing marks is 50%) irrespective of categories and reserved seats.

Admission in the University is given strictly as per above mentioned criteria of categories.

Change of Category:

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 a copy of CNIC of their parent /guardian, showing their permanent address in Karachi.
2. Students whose parent / guardian is employed by Federal or Sindh Governments, Autonomous or Semi-autonomous bodies, Government Corporations, or Armed Forces, and who have been posted on or transferred to Karachi during the last three (03) years (for Bachelor's program) or five (05) years (for Master's 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. An additional three percent (3%) seats in each department will be 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 scanned copies 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 'Nikahnama' 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 of 'K' described above, should attach with their online admission forms, scanned copies of the supporting documents mentioned above. At the time of admission, they will have to produce the originals and copies of all the documents.

Note:

The candidates who are applying for Test Based Departments are not required to apply for a 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.

Twenty (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 University of Karachi website www.uok.edu.pk and www.uokadmission.edu.pk and advertisements in the newspapers.
2. Application forms will be available on the website www.uok.edu.pk and 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 Appendices A & B for Bachelors Program and Appendices E & F for Master's Program. A maximum of five (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 2017 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.

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. An 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 a copy of his/her parent's (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. Three (3) recent photographs (1x1.5 inch) on a white background.
7. Payment of prescribed Fee. (**Table-V Page No.65 to 67**)

8. Signed copy of an undertaking on Rs.100/ stamp paper (specimen attached on page No.13).

Date and Timings of Classes:

- a) **Regular Classes shall commence from February 1st , 2018.**
- 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

UNDERTAKING

I, son / daughter of _____ resident of _____

_____ C.N.I.C. No. _____

do hereby solemnly undertake and declare that if admitted I will faithfully abide by all the rules/regulations (as amended to date) of the University of Karachi and in case at any stage if I am found indulging in any kind of subversive activity and/or having indulged in any activity which is against the national interest or which is against the provisions of the University of Karachi Code, including forged documents submitted by me, having been found forged and/or manipulated at any stage after my admission, the authorities of the University may take legal action against me and shall be entitled even to cancel my admission in accordance with the provisions. I also undertake not to indulge in political activities and in case if I do so and/or violate this undertaking, I may be expelled from the University without any further notice.

Place:

Signature of the Applicant

in the presence of:

Witness No. 1

Witness No. 2

Signature with official Seal,

Signature with official Seal,

Name & address _____

Name & address _____

(THE WITNESS MUST BE A GOVERNMENT OFFICER OF GRADE 17 OR ABOVE)

.....
DECLARATION BY PARENT/GUARDIAN:

I, _____
(Name of parent(s)/guardian)

Son/daughter of _____
(Name of parent(s)/guardian)

Adult, resident of _____
(Address of parent(s)/guardian)

Signature of Parent(s)/Guardian

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 recently published 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 the large faction of academia.

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 local and international levels. Research Industry, Media Career Counseling, Schools, Teacher Training Institutes, Human Resource Development Centers, Professional Institutes, UNICEF, UNESCO and NGO based organizations will be the possible job market for the graduates of education department.

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.

Faculty Members

Assistant Professors

- Dr. Rizwana Munir (*Incharge*)
- Dr. Naila Siddiqua
- Dr. Azizunnisa

Evening Program Available

- B.A. (Hons.)

For Further Enquiry

Telephone: 99261300-06 Ext- 2267

Website: www.uok.edu.pk/faculties/education

Email: 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 Baccalaureate and Post Baccalaureate degrees in Special Education that prepares educators to become eligible for working in Special Education. Our faculty and staff are committed to preparing educators who desire to help children reach their potential.

Facilities

The department has lecture and seminar rooms, audio visual room, as well as seminar library with most recent 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's 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. Hemera 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.) in Special Education
- B.A. (Hons.) in Audiology and Speech Pathology
- PGD in Pakistan Sign Language Interoperation

For Further Enquiry

Telephone: 99261085

Website: www.uok.edu.pk/faculties/specialeducation

Email: specialeducation@uok.edu.pk

Department of

Teacher Education

Introduction

The Department of Teacher Education is a newly established program at the University of Karachi. The department offers B.Ed. 4 year program for the first time bringing a change in the scenario of Teacher Education in the country. The department aims at providing high quality teachers in line with National Professional Standards for Teachers in Pakistan for developing teachers for 21st century as reflective professionals.

Facilities

The program is being run under the supervision of Dean, Faculty of Education, University of Karachi. The program has a seminar library with all recent reading materials 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 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 Master Trainers, both at Government and NGO levels.

Specific Research Areas

- Child Development
- General Methods of Teaching
- Classroom Management
- Classroom Assessment, Test Development & Evaluation
- School, community and Teacher
- Foundations of Education
- Educational Psychology
- Guidance and Counseling
- Research Methods in Education
- School Management
- Curriculum Development
- Trends and contemporary issues in Education
- Comparative Education

Faculty Members

Assistant Professors

- Dr. Safia Urooj (*Incharge*)
- Dr. Imtiaz Ahmad
- Dr. Muhammad Asim

Lecturer

- Mr. Intizar Hussain

Evening Programs Available

- B.Ed. (Hons.) Secondary (1.5 Years)
- B.Ed. (Hons.) Secondary (2.5 Years)
- B.Ed. (Hons.) Elementary (4 Years)
- M.Ed. (One Year)
- PGD in Early Childhood Education (Leading to Masters)
- PGD in Teaching in Technical Education

For Further Enquiry

Telephone: 99261300-06 Ext.2550
021-99261062 (*Direct*)

Website: www.uok.edu.pk/faculties/teachereducation

Email: dte@uok.edu.pk

Department of

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 need of scholars of Islamic studies in various institutions of 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 special focus on the 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 the beautiful building of Islamic Studies near Masjid-i-Ibrahim. In this department students are learn Islamic sciences like Tafseer, Hadith, Seerah, History, Islamic Jurisprudence, Principles of Islamic Jurisprudence, Mysticism, 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 Studies are engaged in research projects funded by the university as well as in an individual capacity. Their research articles are published in the journal of the faculty and in the reputed journals of Islamic Studies in Pakistan and abroad. The faculty members of the department also participate in the debate, discussions and talk-shows of different television channels and provide their views on different national and international issues of Islam and Muslim Ummah.

Career Opportunities

Students passing out from this department provide their services to educational institutions, research institutes, religious institutions and armed forces.

Faculty Members

Associate Professor

- Dr. Zahid Ali Zahidi (*Chairman*)
- Dr. Arif Khan Saqi

Assistant Professors

- Dr. Nasiruddin
- 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

Email: isl@uok.edu.pk

School of Law

Introduction

Education is the foundation of knowledge and knowledge is the light which shuns the darkness of ignorance. Legal education is also a vital part of that phenomenon as through this education a civilized and organized society comes into existence. Legal education is still very popular and bound to become so with job opportunities of law persons increasing consequently upon economic liberalization and globalization of legal services. However the present organization of legal education is not able to cater to the needs and demands which are changing from time to time. With this end in view the University of Karachi has established its School of Law with the following aims and objectives.

- To train law students in the real dynamics of what will be the real relevant decisional structure, influencing their outcome and in assisting other people in changing goals and developing strategies to achieve these goals in diverse contexts.
- To give quality education in law.
- To provide sound knowledge and training in the legal theory and practice to fulfill the requirements for the legal profession and administrative jobs.
- To equip the law students with specialized legal studies relating to commercial, business and public affairs so that a product of such education would be able to contribute towards national development and social change in a much more constructive manner.

Facilities

Today library is said to be the 'heart of law school' and one of the most important element in training law students and in providing faculty members with materials for research and study. School of Law has one of the finest Seminar Library containing Law Reports, Text Books and Law Journals.

The Computer Lab is equipped with high speed computers, printers and scanner facilities. Audio/Visual aids including multimedia option are used during presentation/ lecturers.

Clinical Legal Education

At present the traditional system of legal education which concentrates much on reading of books, class

room lectures and little on moot courts and court visits etc does not meet the requirement of the modern education. Therefore for the development of scientific temperament of the students empirical approach is being followed in the Faculty by giving due importance to clinical legal education.

Career Opportunities

The demand for lawyers with expertise will continue to grow with the passage of time. The legal field is constantly redefining itself by adding new areas to the practice. For every job in law, analytical ability, research, writing skills, and the knowledge of the basic differences in the world's legal systems as well as their political and cultural contexts is essential.

The available career paths for a lawyer can be broken down into law firms, federal government, corporate counsel, international organizations and non-profit groups.

Note: The terms and conditions imposed by the Pakistan Bar Council as amended from time to time shall be binding on all students.

Faculty Member

Professor

- Dr. Ghous Muhammad
(Dean Faculty of Law & Director)

Evening Programs Available

- LLM (2 Years) after LLB
- LL.B (3 Years)

For Further Enquiry

Telephone: 99261300-06 Ext- 2464

Website: www.uok.edu.pk

Email: school.law@uok.edu.pk

Karachi University

Business School

Introduction

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

KUBS within 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 Years (Morning), BS (Business Administration) Two Years after graduation (Evening), MBA Three & a Half Year (Morning), MBA One & a Half Year, MBA Two & a Half Year, MBA Executive Two & a Half Year program and MS program. KUBS also provides wide ranging exemption from different renowned bodies.

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 the **Asia's 2nd 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 library. Students can also consult Dr. Mahmood Hussain Library that has a good number of books on business and professional journals. KUBS also houses 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 and our graduates are in great demand and 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 (*Chairman*)
- Dr. Muhammad Asim

Assistant Professors

- Ms. Shahnaz Baloch
- Dr. Shameel Ahmed Zubairi
- Mr. Shaikh Muhammad Fakhre Alam Siddiqui

Lecturers

- Ms. Kausar Qureshi
- Ms. Syeda Nazneen Waseem
- Mr. Omar Ahmed Shaikh
- Mr. Sohaib uz Zaman
- Ms. Sarah Anjum
- Ms. Sidra Farooq
- Mr. Hammad Zafar
- Mr. Muhammad Muzammil

Evening Program Available

- BBA

For Further Enquiry

Telephone: 021-99261185

Website: www.uok.edu.pk/faculties/businessadministration

Email: kubs@uok.edu.pk

Department of

Commerce

Introduction

The department of Commerce has been 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 which are demanded in the business world. The students are capable of acquiring good jobs both at national and international level.

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

Career Opportunities

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.

Faculty Members

Assistant Professors

- Ms. Zaeema Asrar Mohiuddin (Incharge)
- Dr. Hasan Raza
- Dr. Sadaf Mustafa
- Mr. Muhammad Arfeen Siddiqui

Lecturers

- Ms. Ayesha Fareed
- Mr. Muhammad Farrukh Aslam

Evening Program Available

- BS (Commerce)

For Further Enquiry

Telephone: 99261300-6

Website: www.uok.edu.pk/faculties/commerce

Email: 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, and 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 who can be called upon under ever-changing circumstances. Having received training in leadership skills, sociopolitical analysis and management, the graduates of our department are serving at leading positions within the public and corporate sector, academia, research institutions and media.

Specific Research Areas

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

- Governance and Globalization
- Public Policy and Policy Analysis
- Local Government Financial Management
- Marketing Management
- Human Resource Management

Facilities

The newly constructed state-of-the-art building houses not only multiple lecture rooms and the faculty offices (while offering significant flexible space for staff and students) but also has: Conference Hall and Common Rooms, Well-equipped Computer Lab, Seminar Library housing relevant books, journals and academic literature Research Lab.

Faculty Members

Professors

- Dr. Akhtar Baloch
- Dr. Khalid M. Iraqi (*Chairman*)
- Dr. Syed Shabib ul Hassan

Assistant Professors

- Dr. Syed Shahid Zaheer Zaidi
- Dr. Saima Akhter
- Dr. Ghazal Khawaja

Lecturers

- Mr. Mustafa Hyder
- Ms. Tehmina Faisal

Evening Program Available

- BPA (Hons.)

For Further Enquiry

Telephone: 99261300-6 Ext-2383

Website: www.uok.edu.pk/faculties/publicadministration

Email: dpa@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 University of Karachi by the now known as Father of Pharmacy Professor Dr. S.M.S. Zoha. In the year 1973, the status of the department was approved as 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 all over the world is very promising in which the graduate in pharmacy find himself in a very prestigious and professional status to serve the society in different disciplines of the field as a health care professional. After obtaining graduation degree from the faculty of pharmacy the 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 departments of the industry. Similarly, he could also join governmental jobs where he regulates the drug portfolio and establishes policies regarding the drug usage and regulatory matters, in pharmaceutical journalism, in academia where he would be in a highly prestigious assignment to train and produce more pharmacists. A pharmacist would also find good opportunities in research and development where one can satisfy his enthusiasm to participate in pharmaceutical research as a scientist. And that is not all; there are too many job opportunities and career enhancing chances for pharmacist abroad.

Faculty Members

Professor

- Dr. Muhammad Harris Shoaib (*Chairman*)

Associate Professors

- Dr. S. M. Farid Hassan
- Dr. Rabia Ismail Yousuf
- Dr. Iyad Naeem Muhammad
- Dr. Farya Zafar

Assistant Professors

- Mrs. Sabahat Jabeen
- Mrs. Rehana Saeed

Lecturers

- Ms. Sadaf Farooqi
- Mr. Kamran Ahmed
- Ms. Faaiza Qazi
- Ms. Hafsa Nasar
- Ms. Tazeen Husain
- Mr. Farrukh Rafiq Ahmed

Evening Program Available

- M. Pharm

For Further Enquiry

Telephone: 99261300-07

Website: www.uok.edu.pk/faculties/pharmaceutics

Email: 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 under graduate 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 will be expected to place the Department among 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 is composed of highly competent primary faculty, research faculty and technical support staff.

Facilities

- The Department of Pharmacology laboratories 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 students can have easy access to latest information and data.

Specific Research Areas

- Neuropharmacology
- Toxicology
- Biochemical Pharmacology
- Cardio vascular 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 following areas:

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

Faculty Members

Professors

- Dr. Rafeeq Alam Khan
(*Meritorious Professor & Chairman*)
- Dr. Rahela Ikram

Associate Professors

- Dr. Syeda Afroz
- Dr. Afshan Siddiq

Assistant Professors

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

Evening Program Available

- M.S. Pharmacology

For Further Enquiry

Telephone: 99261300-06 Ext-2206

Website: www.uok.edu.pk/faculties/pharmacology

Email: pharmacology@uok.edu.pk

Department of **Agriculture & Agribusiness Management**

Introduction

The department of Agriculture launched 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 transferable skills and critical appreciation of the techniques to assist effective execution of the 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 crop, vegetable, fruit and ornamental plants in the country and make them aware of the management strategies to overcome the problem.

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 plant protection, PARC, PCSIR, NIAB, NIA, ARI etc. They can also get jobs in plant and pesticide related national and multinational organizations.

Specific Research Areas

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

Facilities

The department is well equipped with modern teaching aids. It also has facilities for research on topics related to 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.

Faculty Members

Professor

- Dr. Saleem Shahzad

Associate Professor

- Dr. Saboohi Raza (*Chairperson*)

Assistant Professors

- Dr. Muhammad Faheem Akbar
- Dr. Amjad Sultan

Lecturers

- Mr. Muhammad Talha Azeem
- Mr. Shahan Aziz
- Ms. Shugufta Sahar

Evening Program Available

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

For Further Enquiry

Telephone: 9926261300-6 Ext. 2546

Website: www.uok.edu.pk/faculties/agriculture

Email: razasaboohi@uok.edu.pk

Department of

Applied Chemistry & Chemical Technology

Introduction

The department of Applied Chemistry and Chemical Technology was established in 1971 and was shifted to its new building in 1987. The courses have been designed keeping in view the need of the chemical industries of Pakistan and with due consideration of courses of foreign and local universities offering similar programs. Special emphasis has been put on important chemical industries in Pakistan, for instance, fertilizers, refineries, cement, sugar, polymers, pharmaceuticals, textiles, etc. Due consideration has been given to important aspects of chemical engineering like unit operations, unit processes, quality control & instrumentation, thermodynamics reaction engineering, design engineering, material engineering, maintenance and environmental engineering, etc. Hence it is hoped that the graduates of this department will meet the needs of the chemical industries of Pakistan and abroad.

Career Opportunities

Excellent job opportunities exist in industries in Pakistan and abroad, and excellent research opportunities exist within the department.

Facilities

Seminar Library equipped with most recent books on various subjects, E-Library, Computer Lab with DSL internet accessing facility, state of the art laboratories for undergraduate and graduate level courses.

Faculty Members

Professor

- Dr. Mehdi Hasan Kazmi (*Chairman*)

Associate Professor

- Dr. Riaz Ahmed

Assistant Professors

- Dr. M. Ashraf Kamal
- Mrs. Shagufta Afaq
- Dr. Mohib Raza Kazmi
- Dr. Mumtaz Danish Naqvi
- Ms. Farah Inamullah
- Dr. Sadia Khan
- Dr. Zeeshan Akhter
- Mr. Zahid Farhad
- Dr. Syed Adnan Hasan
- Dr. Syed Imran Ali
- Mrs. Nausheen Yaseen
- Mrs. Mahwish Mobin Khan
- Mr. Rizwan Qasim

Lecturers

- Ms. Sadia Amber
- Mrs. Marium Mudassir
- Mr. Kashif Riaz

Evening Program Available

- B.Sc. (Hons.)

For Further Enquiry

Telephone: 99261300-06 Ext. 2279

Website: www.dacct.com

www.uok.edu.pk/faculties/appliedchemistry

Email: ach@uok.edu.pk

Department of

Applied Physics

Introduction

The Applied Physics department was established in 1971. The objective was 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 the technology.

Our objective is to prepare students to take on challenges of the fast growing technologies in the field of Electronics and Semiconductors. The curriculum provides 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 time in the laboratories to develop 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 branded 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 the Applied Physics, from public sector organizations to multinational and national industries and research organizations.

Faculty Members

Assistant Professors

- Ms. Farida Farrukh
- Mr. Abid Hussain (*Incharge*)
- Mr. Arshad Hussain
- Dr. Zeeshan Alam Nayyar
- Mr. Zia-ur-Rehman

Lecturers

- Mr. Faisal Rafique
- Mr. S. Mamnoon Akhter
- Mr. S. Naseer Akhter
- Ms. Nazia Sadiq
- Ms. Ambreen Insaf

Evening Programs Available

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

For Further Enquiry

Telephone: 99261300-6 Ext. 2258/2564

Website: www.uok.edu.pk/faculties/appliedphysics

Email: aphy@uok.edu.pk

Department of

Biochemistry

Introduction

The department of Biochemistry, established in 1962, is the pioneer independent department of our country. Since its inception, the department has shared the University of Karachi's goals 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, Immuno-chemistry, Genomics, Molecular Biophysics, Neurochemistry, Neuropharmacology, Biotechnology, Nutrition and Proteomics.

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.

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

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 coursework.

Equipment Facilities:

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

Faculty Members

Professors

- Dr. Tabassum Mahboob (*Chairperson*)
- Dr. Viqar Sultana
- Dr. Tahira Perven
- Dr. Samina Bano
- Dr. Sadia Haider
- Dr. Shamim A. Qureshi
- Dr. Shah Ali ul Qqdar

Associate Professors

- Dr. Hajra Naz
- Dr. Farhat Batool
- Dr. Sadaf Naeem

Assistant Professors

- Dr. Erum Shireen
- Dr. Sajjad Haider
- Dr. Sadia Saleem
- Dr. Faizan Hassan Naqvi
- Dr. Huma Ikram
- Dr. Mohammad Noman Syed
- Dr. Yasmeen Raashid
- Dr. Mohammad Farhan
- Dr. Fizza Hassan Naqvi
- Dr. Tooba Lateef

Lecturers

- Ms. Beena Hassan
- Ms. Ayesha Khan

Evening Program Available

- B.Sc. (Hons.)

For Further Enquiry

Telephone: 99261300-6 Ext. 2289

Website: www.uok.edu.pk/faculties/biochemistry

Email: 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 the world faces ranging from curing of diseases 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 the students.

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.

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.

Faculty Members

Professor

- Dr. Mustafa Kamal

Assistant Professors

- Ms. Syeda Mariam Siddiqa
- Dr. Raheela Rahmat Zohra (*Incharge*)
- Dr. Saif Ullah

Lecturers

- Ms. Shumaila Rashid
- Ms. Erum Hanif
- Ms. Shafaq Aiyaz Hassan
- Ms. Mahnaz Ahmed
- Ms. Ayesha 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

Email: 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 initially 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.

Career Opportunities

Specialization in different branches of Botany 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.

Facilities

The Department has well equipped laboratories for undergraduate, graduate, post graduate and Ph.D 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. The 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. Department of Botany has established Shameel memorial library, Stress physiology and phenomics center and 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 endeavoring 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
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, 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 (120 research papers published in 2015-2016). The Pakistan Journal of Botany and International Journal of Biology and Biotechnology are also published from the Department of Botany, University of Karachi.

Faculty Members

Professors

- Dr. S.I. Ali (Prof. Emeritus)
- Dr. Syed Ehtesham ul Haque
- Dr. Aliya Rehman (*Chairperson*)
- Dr. Raiha Qadri
- Dr. Shahnaz Dawar
- Dr. Rubina Abid

Associate Professors

- Dr. Seemi Aziz
- Dr. Zamin Shaheed Siddiqui
- Dr. Sharf-un-Nahar

Assistant Professors

- Mrs. Rubina Iqbal
- Dr. Neelofar Hamid
- Mrs. Amna Ahmed
- Dr. Sadaf Gul
- Dr. Laila Shahnaz
- Dr. M. Faheem Siddiqui
- Dr. Muhammad Azeem
- Dr. Naeem Ahmed
- Dr. Aisha Begum
- Mrs. Maria Hamid

Evening Program Available

- B.Sc. (Hons.)

For Further Enquiry

Telephone: 9926261300-6 Ext. 2288

Website: www.uok.edu.pk/faculties/botany

Email: botany@uok.edu.pk

Department of

Chemistry

Introduction

Chemistry is a noble central science which helps to understand the origin of life and suggest 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 the 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 a cocktail of physics, Maths and biology on one hand and engineering and applied sciences on the other. The Department of Chemistry, 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 following there for the last 65 years.

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.

Specific Research Areas

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

Facilities

There are several libraries in the University of Karachi, which hold chemistry books and related technical journals. These also 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 provided through a central facility of a fiber-optic link. Furthermore, the department also has a well equipped computer lab for enormous students.

Faculty Members

Professors

- Dr. Majid Mumtaz (*Chairman*)
- Dr. Nasreen Fatima
- Dr. Muhammad Nasir Uddin Khan
- Dr. Rehana Saeed
- Dr. Rafia Saeed
- Dr. Hajra Tahir

Associate Professors

- Dr. Sumayya Saied
- Dr. Firdous Imran Ali
- Dr. Itrat Anis
- Dr. Uzma Ashiq
- Dr. Shaista Perveen
- Dr. Shaikh Muhiuddin

Assistant Professors

- Dr. Masooda Qadri
- Dr. Shazia Nisar
- Dr. Imran Ali Hashmi
- Dr. Naushaba Zafar
- Dr. Tehseen Ahmed
- Dr. Erum Zahir
- Dr. Syed Nawazish Ali
- Dr. Syed Tariq Ali
- Dr. Saba Arsalan
- Dr. Mohsin Ali
- Mr. Muti ur Rehman
- Dr. Rifat Ara Jamal
- Dr. Zahida Karim
- Dr. Humaira Bano
- Dr. Raheela Naz
- Dr. Summayia Masood
- Dr. Zahid Hussain
- Dr. Hamida S. Muhammad
- Dr. Qurat-ul Ain

Lecturers

- Mr. Agha Arsalan Wasim
- Mr. M. Asad Khan Tanoli

Evening Program Available

- B.Sc. (Hons.)

For Further Enquiry

Telephone: 99261300-6 Ext-2290

Website: www.chemuok.edu.pk

www.uok.edu.pk/faculties/chemistry

Email: chemistry@uok.edu.pk

Department of

Computer Science

Introduction

Since its inception, 32 years ago, the Department of Computer Science is imparting quality education in various Computer Sciences, Information & Communication Technologies and related disciplines. The Department of Computer Science 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 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) since 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.

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 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.

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. The department is continuously upgrading the computing infrastructure according to the market demands. 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 Ph.Ds during the past few years and over 25 candidates are on their way to the completion of 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.

Faculty Members

Associate Professors

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

Assistant Professors

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

Lecturers

- Ms. Erum Shahid
- Ms. Shaista Rais
- Ms. Madiha
- Ms. Maryam Feroz
- Mr. Muhammad Sajid
- Mr. Taha Bin Niaz
- Ms. Humaira Bashir

Evening Programs Available

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

For Further Enquiry

Telephone: 99261300-6 Ext. 2462/3462

Website: www.uok.edu.pk/faculties/computerscience

Email: 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 discoursed. The subject provides an integrated approach to the understanding and the solution of the environmental issues that range from the human community health to the 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's 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. This 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 started 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 B.Sc. (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, 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 many Ph.D. faculty members which regularly publish their research works in various national and international journals.

Apart from regular teaching and research, the Institute has been regularly organizing 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 and well-being of mankind, disseminate, apply 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).

Career Opportunities

After completing the B.Sc. (Hons.), M.Sc., M.Phil, and Ph.D. degree programmes, the graduate would be able to take up 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.

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 impacts in Pakistan
- Capable of designing and developing low cost wastewater treatment and disposal systems for small and medium size communities.
- Agriculture sustainability through the use of treated wastewater.
- 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.
- Capable of developing 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 and urban greening
- Coastal and Marine Conservation
- Air and noise pollution
- Ocean-atmosphere process and biological productivity
- Environmental Remote Sensing

Faculty Members

Professors

- Dr. Tariq Masood Ali Khan
- 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)

Website: www.uok.edu.pk/research_institutes/ies

Email: ies@uok.edu.pk

Department of

Food Science & Technology

Introduction

The department of Food Science & Technology was established in 1994 to cater to 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. Presently it enjoys a very good rapport with both national and multinational food companies of Pakistan.

Career Opportunities

- Food Technologist
- Food Engineer
- Food Analyst
- Production Manager
- Quality Control/Assurance Manager
- Food Safety Inspector
- Food Researcher
- Research and Development Manager

Facilities

Laboratory Facilities

The new building of the Department has eight major laboratories equipped with all basic facilities. The laboratories included 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 Chromatography.

Specific Research Areas

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

Faculty Members

Professors

- Dr. Muhammad Abid Hasnain
- Dr. Jehan Ara
- Dr. Syed Asad Sayeed (*Chairman*)

Associate Professor

- Dr. Shahina Naz

Assistant Professors

- Dr. Rahmanullah Siddiqui
- Ms. Faiza Abdur Rab
- Dr. Feroz Alam
- Dr. Mahmood Azam
- Dr. Tahira Mohsin Ali
- Dr. Muhammad Abdul Haq
- Dr. Zubala Yasir
- Dr. Syed Muhammad Ghufuran Sayeed

Lecturers

- Ms. Anjum Nawab
- Ms. Lubna Mubin
- Ms. Marium Shaikh
- Ms. Abeera Moin

Evening Program Available

- BS

For Further Enquiry

Telephone: 99261300-7 Ext. 2413

Website: www.uok.edu.pk/faculties/foodscience

Email: fst@uok.edu.pk

Department of

Health, Physical Education & Sports Sciences

Introduction

The department was established in 1996. Initially it 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. The department introduced B.Sc.(Honors) Program in January 2012.

The department of Health, Physical Education & Sports Sciences provides students with knowledge and skills to enable them to achieve a degree of 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.

Career Opportunities

Our graduates can teach physical education in public and private schools, coach school-based sports and work in many other sports and recreation related careers.

A master's degree in Health, Physical Education & Sports Sciences will prepare graduates to teach physical education at a public and private high school/college/University, or become a Director/Deputy Director of Physical Education Program or become an athletic trainer or can be a fitness instructor. Furthermore, people with a physical education degree could find themselves working in city parks and recreation departments.

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, athletic, 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 research in the field of Kinesiology, Exercise Physiology, Socioeconomic impact of Physical Education, Curriculum development etc.

The basic and applied research can be done in the field of Kinesiology, Exercise Physiology and other subjects.

Due to the availability of a wide variety of topics, both qualitative & quantitative research can be done easily.

Faculty Members

Associate Professor

- Dr. Basit Ansari (*Chairman*)

Assistant Professor

- Mr. Mazahir Zia Shaikh

Lecturers

- Ms. Shazia Tabassum
- Mr. Humayun Imran Azeemi
- 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

Email: hps@uok.edu.pk

Institute of

Space & Planetary Astrophysics

Introduction

The main objective of Institute of Space and Planetary Astrophysics (ISPA), 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. ISPA 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.

ISPA is offering admission to B.Sc. (Hons.) and M.Sc. degree programs in Space Sciences and Technology. These programs will 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.

Career Opportunities

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

Facilities

- ISPA Observatory is equipped with Meade 16 inch LX-200 Coma free telescope automated equatorial pier mount, CCD camera including computers, filters, weather station and software, We have also one movable telescope.
- Computational Astronomy Lab: The computer lab is equipped with space science related software.
- GIS Lab
- GPS 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

Faculty Members

Professor

- Dr. Muhammad Jawed Iqbal (*Director*)

Associate Professor

- Mr. Mudassar Hassan Arsalan

Assistant Professors

- Dr. Mirza Jawwad Baig
- Dr. Naeem Sadiq

Lecturers

- Mr. Muhammad Anas Qureshi
- Mr. Syed Fayyaz Ur Rasheed
- Mr. M. 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

Email: 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 for life. Areas of Pure Mathematics, Applied Mathematics and Interdisciplinary Mathematics are being pursued in teaching and research. At all levels, students are instructed in the rigor and precision characteristics of Mathematical Reasoning. They are facilitated to become acquainted with the elementary tools of Mathematics and the techniques to use them. The Department has many Ph.D. faculty members which regularly publish their research work in National and International Journals.

Career Opportunities

Our graduates have been employed in the Educational, Financial, Industrial and Commercial Institutes. They can opt for 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, Industry Consultant at Supraco etc.

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
- Operational 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.

Faculty Members

Professors

- Dr. Sarwar Jahan Abbasi
- Dr. Syed Anwar Ali Zaidi (*Chairman*)

Associate Professor

- Dr. Najeeb Alam Khan

Assistant Professors

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

Lecturers

- Mr. Shahid
- Mr. Asif Iqbal
- Ms. Hafsa Ather Jafree
- Ms. Noor Fatima Siddiqui
- Ms. Samreen Ahmed
- Ms. Samira Sahar Jamil
- Mr. M. Usman Qureshi
- Ms. Mehwish Shafi Khan
- Ms. Asma Rani
- Ms. Hina Zaheer
- Mr. Ateeq Razzak
- Mr. Salman Safdar
- Ms. Sumayyah Saadi
- Ms. Wajiha Riaz
- Ms. Aghzia Akram

Evening Programs Available

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

For Further Enquiry

Telephone: 99261300-6 Ext-2293

Website: <http://math.uok.edu.pk>

www.uok.edu.pk/faculties/mathematics

Email: mathematics@uok.edu.pk

Department of

Microbiology

Introduction

The Department of Microbiology was established in 1957. This was the first and only department of Microbiology, 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 opt to study Microbiology.

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 assessments

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 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 microorganisms and many others.

Faculty Members

Professors

- Dr. Tasneem Adam Ali (Dean, Faculty of Science)
- Dr. Fasihuddin A. Ansari (*Chairman*)

Associate Professors

- Ms. Nayyar Jahan
- Dr. Talat Yasmeen Mujahid
- Dr. Asma Naeem

Assistant Professors

- Ms. Nayyar Mehmood
- Dr. Syed Abdus Subhan
- Dr. Fozia Haider
- Dr. Zaid Ahmed Pirzada
- Dr. Adnan Khan
- Dr. Muneera Naz Baloch
- Dr. Wajeeha Binte Asad
- Dr. Yasir Raza
- Dr. Anjum Zehra Naqvi
- Dr. Tanveer Abbas
- Dr. Asma Saeed
- Dr. Abdul Wahab
- Dr. M. Sohail
- Mr. M. Tariq Tayyab
- Dr. Sana Eijaz
- Dr. Urooj Zafar
- Dr. Asma Naeem

Lecturers

- Ms. Sadia Muhammad Saleemullah Khan
- Ms. Tasneem Akhter
- Ms. Amna Alam

Evening Programs Available

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

For Further Enquiry

Telephone: 99261300-6 Ext - 2248

Website: www.uok.edu.pk/faculties/microbiology

Email: 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 in the evening program, while in the morning program it was introduced in 2004. From the session 2013-14, B.Sc.(H) also started in 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 program 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 positions in national and international organizations.

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, distribution and marketing of its products.

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, EUP Pakistan, Sui Southern Gas Co Ltd, Baker Hughes, Halliburton Ltd, Marathon Construction, Mari Gas, MOL Pakistan, Nuricon, OMV Pakistan etc. This will help in preparing prospective candidates for the petroleum industry.

Department also organizes technical lectures and seminars conducted by professionals 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. Field work in the various industries/areas is conducted by the department for students' practical training/knowledge.

Faculty Members

Associate Professor

- Mr. Nadeem Ahmed Khan (*Chairman*)

Lecturers

- Mr. Kashif Sadiq
- Engr. Syed Hasan Abbas Zaidi
- Mr. Syed Ghufraan Alam
- Mr. Atif Zafar

Evening Program Available

- Certificate Course in Petroleum Technology

For Further Enquiry

Telephone: 99261300-6 Ext-2418

Website: www.uok.edu.pk/faculties/petroleumtechnology

Email: 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 completed their degree and are now rendering their services in reputable organization 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 the 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, conference and seminars are also organized in the department. The department of Physics will keep and develop its well academic tradition and will make the greatest effort to promote its education and research.

Career Opportunities

Once completing a degree in Physics with good grades, there are bright chances of acquiring employment in government organizations and in the private sector. For higher studies leading to M.Phil./Ph.D., interested students may proceed abroad or continue their education within the country. In every semester, graduated students are offered the opportunity to work as a teaching associate/assistant in the department.

Facilities

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

Below is the list of some facilities:

- 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

An important and perhaps the most significant aspect of learning Physics is that it is an experimental science, not an abstract intellectual discipline. Its implications relate continually to our everyday experience. 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

Faculty Members

Professors

- Dr. M. Altaf Hussain
- Dr. Shahid Mahmood (*Chairman*)
- Dr. Shabana Rizvi

Assistant Professors

- Dr. Imran Ahmed Siddiqui
- Dr. Zaheeruddin
- Dr. Syed Zeeshan Abbas
- Dr. Saifuddin Ahmed Jilani
- Dr. Intikhab Ulfat
- 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

Email: physics@uok.edu.pk

Department of

Physiology

Introduction

The Department of Physiology is an important segment of the Faculty of Science in University of Karachi and occupies a very prominent place in the modern age of Biosciences, Clinical/Biomedical Sciences and other Applied Biological Sciences. This department, founded by Prof. Dr. M. H. Qazi, in 1964, was the first one outside medical colleges to introduce teaching and research programs in Basic and Experimental Physiology at the graduate and postgraduate level. Currently, the department has 21 faculty members, 17 supporting staff members and more than a 1000 students. Several renowned Professors are pioneer faculty members of the department and are presently serving on key posts in various organizations.

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 up to date textbooks and references on various disciplines of Physiology.
- Basic & ultimate Power Lab for laboratory experiments & demonstrations.
- Computer facilities are available in all special units for researchers. A separate computer laboratory is also available for academic & research activities.
- Internship facilities for students in different organizations are available.

Career Opportunities

Physiology is at the core of medical research being done all over the world. There are dozens of foreign scholarships for advanced studies in physiology. Physiologists are required in number of places, like, pharmaceutical industries, health monitoring departments, biosynthetic industries, instrumentation in biomedical sciences, health related organizations, population welfare divisions, agriculture, livestock and poultry, diagnostic laboratories, occupational therapies, physiotherapy centers, nutritional/ sports centers, radiological institutions, biotechnology, bioinformatics, bioengineering, synthetic biology, nursing, medical universities, hospitals, diagnostic laboratories, pharmaceutical industries, research and teaching institutions.

Specific Research Areas

A great deal of research at M.Phil & Ph.D levels is conducted in different disciplines of Physiology such as Neuromuscular Physiology, Pathophysiology, Hematology, Molecular Physiology & Biophysics, Molecular & clinical Endocrinology and Reproduction and Poultry Physiology. Currently more than 30 research scholars are registered in their M.Phil. & Ph.D. program in various disciplines including. Blood disorders; Endocrine / Metabolic & Reproductive abnormalities. Breast cancer: Reproductive Changes in marine models; Poultry Vaccinology, Neuromuscular disorders; Oxidative stress.

Faculty Members

Professors

- Dr. Habib Fatima (*Chairperson*)
- Ms. Qamar Amin

Associate Professor

- Dr. Taseer A. Khan

Assistant Professors

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

Lecturers

- Ms. Mehira un Nisa
- Ms. Saima Mushtaq
- 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

Email: 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 within the university.

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.

Facilities

The department has a Seminar Library and data bank stocked with a number of latest and good 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 having more than a 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.

Faculty Members

Professor

- Dr. Mudassir Uddin

Associate Professors

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

Assistant Professors

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

Lecturers

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

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

Email: stats@uok.edu.pk

Department of

Zoology

Introduction

The department of Zoology was established in 1951 and now it 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: (i) Wildlife and Natural History (ii) International Journal of Biology Research (iii) 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 books, Monographs as well (75 in number).

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, Slat Aquaculture and 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, Companies level pest control position, Govt. Health Department, 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 are also working on Regional level (IUCN-commission on Ecosystem Management, West and Central Asia).

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 (Palearctic) and Ethiopian region from Lasbella and Mekran Coast. Work on fish taxonomy and pathology (freshwater and marine), protozoans helminthes, 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

The department also gives opportunity for research to the students, who specialize in M.Sc.

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

Faculty Members

Professors

- Dr. M. Arshad Azmi (*Chairman*)
- Dr. Nasira Khatoon
- Dr. Rehana Yasmeen Farooq
- Dr. Syed Ansar Rizvi
- Dr. Musarrat 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. Sumera Farooq
- Dr. Ghazala Yasmeen
- Ms. Shakeel Perveen
- Dr. Shahina Rao
- Dr. M. Tariq Rajput
- Dr. Rizwana A. Ghaffar
- Dr. Samreen Mirza

Lecturers

- Ms. Roohi Kanwal
- Ms. Atia Batool

Evening Programs Available

- B.Sc.(Hons.)
- M.Sc.

For Further Enquiry

Telephone: 9926261300-6 Ext-2299

Website: www.domsku.com/zoology

www.uok.edu.pk/faculties/zoology

Email: zoology@uok.edu.pk

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. Highly qualified faculty members having vast experience enjoying good reputation are taking part in the dispersal of education.

The cautiously chosen syllabus considering the demands of the student 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, curricular and co-curricular activities are also stressed like extension lectures, debates, study tours, picnics and other function to reveal, enhance and polish the abilities and talent of the students. At present forty two (42) courses of Arabic Literature, Language and Linguistics are taught 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 almost on all relevant 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 (*Incharge*)
- Dr. Asif Saleem
- Dr. Muhammad Imran Latif Khokar
- Dr. Muhammad Abdul Hameed Nabeel

Evening Program Available

- Certificate Course (Arabic)

For Further Enquiry

Telephone: 99261300-06 Ext- 2273

Website: www.uok.edu.pk/faculties/arabic

Email: 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

Department of Criminology is a newly established 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, Correctional Institutions, national and international NGOs and they are also working as Parole and Probation Officers, Juvenile Court Workers, Criminal Investigators, Security Experts, Crime Reporters, Correctional Counselors, Rehabilitation Counselors.

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

Email: fatehmuhammadburfat@gmail.com

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, an 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 (*Chairman*)
- Dr. Roohi Ahmed

Associate Professor

- Dr. Abdul Waheed

Assistant Professors

- Dr. Rubina Hassan
- Dr. S. Wiqar Hussain
- Mr. Syed Muhammad Ali
- Dr. Muhammad Ahsanuddin
- Ms. Seema Siddiqui Hai
- Dr. Safia Qamar
- Dr. Nooreen Mujahid
- Mr. Mirza Muhammad Shehzad
- Dr. Rummana Zaheer
- 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

Email: khalidm@uok.edu.pk

Department of English

Introduction

The department of English was established in 1955. It was located in Shivjee Murarji building in Nanakwara. Later 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 Social Sciences. Professor Dr. Ahsan Farooqui was the first head of the department. Prof. Dr. Ali Ashraf, Prof. Maya Jamil, Prof. Dr. Muzaffar Hussain and Prof. Dr. Kalim-ur-Rahman were among notable chairpersons. (Late) Prof. Maki Kureshi is one of the internationally reputed Pakistani English poets. The department offers masters programs in both English literature and linguistics in the Morning as well as Evening Program. There are also M.Phil. & Ph.D. programmes offered by the Department of English.

Facilities

- Department Seminar Library
- Audio-Visual Lab
- Cassettes Library for the Blind

Specific Research Areas

- Early Modern English Literature
- American Literature
- Literary Theory
- Romanticism
- Comparative Literature
- English Syntax
- World Englishes
- Sociolinguistics
- Discourse Analysis
- Postcolonial Literature and Criticism
- TESL

Career Opportunities

Students of the Department of English have entered a variety of vocational fields. Some of these fields are: CSS, Advertising, Media (TV, Radio, Newspapers, Magazines, etc.) Banking, Business, Teaching, Educational Administration, Research, Translation, to mention only a few. Excellent job opportunities are available for the students of English Department in the country and abroad.

Faculty Members

Professor

- Dr. Farhana Wazir Khan (*Chairperson*)

Associate Professor

- Dr. Iftikhar Shafi

Assistant Professors

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

Lecturers

- Ms. Ibtisam Afreen
- 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

Email: english@uok.edu.pk

Department of

General History

Introduction

Department of History, established in 1953, is one of the oldest departments of Karachi University which is proud of having world renowned scholars such as Dr. Mahmood Hussain, Dr. Riazul Islam, Dr. M. H. Siddiqui and many more as its faculty members.

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 finding career jobs after graduation, 30% success has been reported from passed out students. Media, research organizations, NGO's and specially public sector jobs through competitive exams (CSS, PSC etc.).

Faculty Members

Professors

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

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

Lecturers

- Ms. Samra Sarfaraz Khan
- Ms. Mahreen Jamal

Evening Program Available

- B.A. (Hons.)

For Further Enquiry

Telephone: 99261300-07 Ext- 2272

Website: www.uok.edu.pk/faculties/generalhistory

Email: 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 has the honor 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 3000 books and also subscribes 15 research journals related to different areas of study. The Department has a well-equipped computer lab, which provides an 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

Professors

- Dr. Moonis Ahmar
- Dr. Shaista Tabassum (*Chairperson*)

Associate Professors

- Dr. Naeem Ahmed
- Dr. Farhan Hanif Siddiqui

Assistant Professors

- Mr. 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

Email: 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 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 34 PCs with the facility of networking and Internet. Multimedia, slide projectors, sound system and other equipment are available for academic and co-academic activities.

Specific Research Areas

Research is actively pursued by the faculty in their respective fields of interest. The students are 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

- Mr. Anwer Shoaib Khan
- Mr. Farhat Hussain Khan
- Ms. Naveed-e-Sehar
- Ms. Rifat Parveen Siddiqui
- Mr. Muhammad Waseem Zia

Lecturers

- Mr. Rashid Ali
- Ms. Rabia Aslam

Evening Programs Available

- BLIS
- Advance Certificate Course in Library & Information Science

For Further Enquiry

Telephone: 99261300-07 Ext- 2249

Website: www.dlisuok.edu.pk

Email: dlis.uok@gmail.com

Department of

Mass Communication

Introduction

Established as Department of Journalism in 1955 with a diploma course for working journalists, it was renamed as Department of Mass Communication in 1985. The department was established with an aim to produce qualified and trained journalists and media professional 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 sufficiently equipped six teaching and training labs, 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 for the students in radio broadcasting.

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 passing out.

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

- Print Media
- Electronic Media
- Advertising and Public Relations

Faculty Members

Professors

- Dr. Rafia Taj
- Dr. Seemi Naghmana (*Chairperson*)

Assistant Professors

- Ms. Samina Qureshi
- Dr. Fouzia Naz
- Dr. Sadia Mahmood
- Dr. Asmat Ara
- Dr. Muhammad Osama Shafiq
- Dr. Naveed Iqbal Warsi
- Dr. Syed Azfar Ali

Lecturers

- Mr. Naveed Arshad
- Ms. Raana Afzal

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

Email: 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 particular emphasis on the literature produced in the Indo-Pak subcontinent during the last nine centuries, and to familiarize the younger generation of this country with the history, language and literature of Iran. Professor Dr. Ghulam Sarwar was the founder Chairman of the department.

Facilities

Seminar Library:

The seminar library holds a stock of more than 5000 books and 1500 journals. It also has a good number of rare printed works, audiotapes and discs. Besides, the personal collections of the teachers, which exceed 2000 titles, are also available to the readers within the premises of the department.

Additional Language Support Classes:

The department of Persian also arranges special conversational classes, which aim at developing the Persian speaking power of the student with correct pronunciation and accent. The department has recently acquired necessary audiovisual equipment for this purpose.

Seminar/Lecture Program:

The co-curricular program also involves seminars and lectures delivered by renowned scholars on topics mostly relating to Persian language and literature. These programs aim at enhancing the academic capability and talents of the students.

Specific Research Areas

- Modern and classical prose & writers of Iran, Pakistan, India and Afghanistan
- Classical & modern poetry
- Poets of Iran, Pakistan, India and Afghanistan
- Sufistic prose & poetry-History of Persian literature impact of Persian language and literature, culture on different fields of life.

Career Opportunities

Students of this department continue to enter a variety of vocational fields, some of which are CSS, Advertising, Media, Banking, Business, Translation /

Interpreting, Teaching, Educational Administration & Research, News agencies, Foreign Ministry etc.

Faculty Members

Associate Professor

- Dr. Shehla Salim Noori (*Chairperson*)

Assistant Professors

- Ms. Salma Latif
- Dr. Ramzan Bamari
- Dr. Faizeh Zehra Mirza
- Dr. Muhammad Nazir

Lecturers

- Ms. Faiza Khatoon
- Ms. Bilquees

Evening Program Available

- Certificate Course in Persian Language

For Further Enquiry

Telephone: 99261300-06 Ext- 2280

Website: www.uok.edu.pk/faculties/persian

Website: persian@uok.edu.pk

Department of

Political Science

Introduction

The department of Political Science was established in 1952. It has since then initiated 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 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 Library with latest books and periodicals in all the areas relevant to Public Policy. The Library maintains a reference section which has a reasonable collection of books for ready reference. Thus the Library provides a very supportive environment for research activities.

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 skills of surveys and statistical analysis is in high demand in the public and private sectors. Their knowledge and scientific education on current affairs, both national and international, caters to the needs of the job market especially competitive exams.

Faculty Members

Professors

- Dr. Muhammad Ahmed Qadri
(*Dean, Faculty of Arts and Social Sciences*)
- Dr. Nusrat Idrees
- Dr. Samina Saeed (*Chairperson*)
- Dr. Summer Sultana

Associate Professor

- Dr. Muhammad Ali

Assistant Professors

- Mr. Muhammad Kamran Khan
- Dr. Syed Shameel Ahmed Qadri

Lecturer

Mr. Mehboob Hassan Muqaddam

Evening Program Available

- Diploma in Local Government and Administration (DLG)

For Further Enquiry

Telephone: 99261300-07 Ext- 2347/2342

Website: www.uok.edu.pk/faculties/politicalscience

Email: 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 further 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 will be able to grow intellectually.

Facilities

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

The Department of Psychology is committed for mental health awareness, and continuously offering Psychological Services which includes, Assessment Counseling and Psychotherapies to the 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 doing Masters in Psychology (Clinical/ Industrial/Educational /Investigative Psychology), the students can pursue careers in any of the following fields:

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

Faculty Members

Professors

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

Associate Professors

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

Assistant Professors

- Ms. 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

Email: 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. This 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 includes 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 tries to examine the organizational structure of society and the influence it has on the social, political and religious ideas of the members of society. It encompasses the study of the organization and business. It attempts to analyze the reaction and management of social groups as well as the factors which lead to their break down.

Sociological research reveals, the multi faceted nature of Social reality, its multiple causes and multiple effects provide us well sets of methods suitable for unraveling the complexities of social life. The study of sociology helps us to determine which steps are most likely to lead towards 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 adopted a wide range of careers. Most have excelled in their profession and have joined public and private institutions. The study in the department is well organized. The teaching faculty includes experienced Professors, including those with degrees from foreign universities. Research work is a hallmark of the department. Seminar 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 fairly in large numbers by research organizations and administration. Newly emergent

careers in many programs have developed in recent years like, Training Program, Foreign aid program, Humanitarian Organization like UN, national and international NGOs. Furthermore sociologists and criminologists can work as hospital management administrator, Public Administration Assistant, Rural health worker, Census Research Assistant, Consumer Researcher, Data Analyst, Demographer, Market Researcher, Statistician, Survey Research Technician, Correctional Counselor, Criminal Investigator, Juvenile Court Worker, Parole Officer, Rehabilitation Counselor.

Faculty Members

Professors

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

Associate Professors

- Dr. Naila Usman Siddiqui
- Dr. Kausar Parveen

Assistant Professors

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

Lecturer

- Ms. Nousheen Raza

Evening Program Available

- B.A.(Hons.)

For Further Enquiry

Telephone: 99261300-06, Ext-2286

Website: www.uok.edu.pk/faculties/sociology

Email: nazubairi@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 inputs 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 bound to carry-out research projects 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 an 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 (*Chairperson*)

Associate Professors

- Dr. Muhammad Shahid
- Dr. Muhammad Nadeemullah

Assistant Professors

- Dr. Syeda Farhana Sarfaraz
- Dr. Samina Rauf
- Dr. Sakina Riaz
- Dr. Jugnoo Salahuddin
- Dr. Sumaira Ishrat
- Dr. Muhammad Arshad

Evening Program Available

- Certificate Course in Social Work

For Further Enquiry

Telephone: 99261300-06 Ext- 2284

Website: www.uok.edu.pk/faculties/socialwork

Email: 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.

Faculty Members

Professors

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

Assistant Professors

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

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.)
- One Year Professional Certificate Course (Teaching of Urdu)
- Six Months Professional Certificate Course in Urdu (for Govt. Teacher)
- One Year Diploma(PGD) in Urdu for Foreigners
- One Year Certificate Course in Urdu for Foreigners

For Further Enquiry

Telephone: 99261300-06 Ext-2287

Website: www.uok.edu.pk/faculties/urdu

Email: urdu@uok.edu.pk

Centre of Excellence for

Women's and Gender Studies

Introduction

Since the last 28 years Centre of Excellence for Women's Studies (CEWS) University of Karachi has been 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., B.A.(Hons.) (Morning / Evening) and M.Phil. / Ph.D. programs. Women's Studies, an interdisciplinary subject, aims to make visible women's role and contribution towards building a gender-bias free society 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 lived experiences.

Career Opportunities

As Women's Studies prepares students to act as agents of social change, therefore, our students are well equipped and trained to take up jobs that a person qualified in any other discipline can undertake. Majority of CEWS graduates are now hired in various positions by government and non-government agencies. As one of the requirement 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.

Facilities

CEWS has 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 scholarship and experiences with our students.

Our library with its holding of 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 search needs of scholars, activists and journalist who wish to avail themselves of this facility. Our library catalogue is 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

Faculty Members

Professor

- Prof. Dr. Nasreen Aslam Shah (*Director*)

Assistant Professors

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

Lecturers

- Ms. Seema Manzoor
- Ms. Duaa-e-Rehman

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

TABLE - I

Eligibility for Admission to Faculty of Arts & Social Sciences, Science, Islamic Studies, Pharmacy and Pharmaceutical Sciences and Law

S.#	Department	Class	No. of Seats	Required eligibility
1.	APPLIED PHYSICS (With specialization in Electronics)	M.Sc.	60	i) B.Sc. with Physics and Mathematics 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	60	Graduation or equivalent
5.	PHARMACEUTICS	M. Pharm.	45	Pharm-D
6.	PHARMACOLOGY	M.S. (One Year)	45	B. Pharmacy / Pharm-D
7.	SCHOOL OF LAW	LLB (3 Years)	100	Graduation or equivalent
		LLM (2 Years)	45	LLB with at least second division

S.#	Department	Class	No. of Seats	Required eligibility
		B.Ed. (H) Secondary (1.5 Years)	40	16 years of education (BS / Masters or equivalent) in any discipline with at least 45% marks like Science, Arts & Social Science, Humanities and others
8.	TEACHER EDUCATION			* Candidates with BS/MA in education & M.Ed. are not eligible for admission.
		B.Ed. (H) Secondary (2.5 Years)	40	14 years of education (B.A., B.Sc., B.Com. or equivalent) in any discipline with at least 45% marks like Science, Arts & Social Science, Humanities and others
				* Candidates with ADE are not eligible for admission.
		M.Ed. (One Year)	45	B.Ed. (One Year)
9.	ZOOLOGY	M.Sc.	80	B.Sc. (with Zoology)

TABLE - II

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

S.#	Department	Class	No. of Seats	Required eligibility
1.	AUDIOLOGY & SPEECH PATHOLOGY	B.A. (H)	45	Intermediate Arts / Science / Commerce
2.	ECONOMICS	B.A./B.Sc.(H)	100 50	'A' level/Intermediate (with Economics) / Intermediate Commerce Intermediate Science (with Physics, Mathematics or Statistics).
(In case of vacant seats, allocation of seats can be interchanged on the basis of merit)				
3.	CRIMINOLOGY	B.A. (H)	100	Intermediate or equivalent
4.	EDUCATION	B.A. (H)	25 20	Intermediate with Education Intermediate or equivalent
5.	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)
(Admissions will be given according to the above order of priority)				

S.#	Department	Class	No. of Seats	Required eligibility
6.	GENERAL HISTORY	B.A. (H)	25	Intermediate with General History
			65	Intermediate
			10	DAE
7.	INTERNATIONAL RELATIONS	B.A. (H)	50	Intermediate Arts with Civics, General History, Economics, Sociology or Logic
			15	Intermediate Science with 1 st division
			05	Intermediate Commerce with 1 st division
(In case of vacant seats, allocation of seats can be interchanged on the basis of merit)				
8.	MASS COMMUNICATION	B.A. (H)	48	Intermediate (Arts/Science / Commerce / Home Economics) or equivalent
			02	DAE
9.	PSYCHOLOGY	B.A./B.Sc. (H)	45	Intermediate or equivalent
10.	SOCIOLOGY	B.A. (H)	150	Intermediate or equivalent.
11.	SPECIAL EDUCATION	B.A. (H)	50	Intermediate or equivalent.
12.	TEACHER EDUCATION	B.Ed. (H) Elementary (4Years)	45	Intermediate or equivalent
13.	URDU	B.A. (H)	50	Intermediate or equivalent.
14.	WOMEN'S AND GENDER STUDIES	B.A. (H)	50	Intermediate or equivalent.

Eligibility for Admission to Bachelors Programs Faculty of Science

S.#	Department	Class	No. of Seats	Required eligibility
1.	ACTUARIAL SCIENCES & RISK MANAGEMENT	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.	AGRICULTURE & AGRIBUSINESS MANAGEMENT	BS	50	Intermediate Science or equivalent
3.	APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY	B.Sc.(H)	45	Intermediate Science (with Mathematics, Physics and Chemistry)
			05	DAE (with Chemical Technology)
4.	APPLIED PHYSICS (with specialization in Electronics) (Admission will be granted on the basis of Entry Test)	B.Sc.(H)	45	i) Intermediate / "A" Level (with Physics and Mathematics) ii) DAE (Electronics or Electrical)
	Note: Admissions will be granted on the basis of Academic Percentage in the pre-requisite (Intermediate or equivalent) examination after qualifying the Entry Test with minimum 50 % marks in the Entry Test.			
5.	BIOCHEMISTRY	B.Sc.(H)	65	Intermediate Science (with Chemistry and Biology)
6.	BIOTECHNOLOGY	B.Sc.(H)	50	Intermediate Science Pre-Medical / Pre-Engineering
7.	BOTANY	B.Sc.(H)	100	Intermediate Science (With Biology)
8.	CHEMISTRY	B.Sc.(H)	60	Intermediate Science (with Chemistry)
			05	DAE
9.	COMPUTER SCIENCE (Admission in BSCS and BSSE will be granted on the basis of Entry Test)	BSCS BS(Computer Science)	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.

Continued...

S.#	Department	Class	No. of Seats	Required eligibility
		BSSE BS(Software Engineering)	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.
<p>Note: Admissions will be granted on the basis of Academic Percentage in the pre-requisite (Intermediate or equivalent) examination after qualifying the Entry Test with minimum 50 % marks in the Entry Test.</p>				
10.	ENVIRONMENTAL STUDIES	B.Sc.(H)	50	Intermediate Science or equivalent
11.	FOOD SCIENCE & TECHNOLOGY	BS	45	Intermediate Science with Pre-Engineering / Pre-Medical
12.	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES	B.Sc.(H)	25	Intermediate (Pre-Medical)
			15	Intermediate (Pre-Engineering)
			10	Intermediate (General Sciences)
			10	Intermediate Arts / Commerce / Physical Education in Subject / Diploma in Physical Education
13.	INSTITUTE OF SPACE AND PLANETARY ASTROPHYSICS	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)
14.	MATHEMATICS	B.A./B.Sc.(H)	200	i) Intermediate (Science / Arts) with Mathematics ii) Intermediate with Certificate in Mathematics from University of Karachi.
15.	MICROBIOLOGY	B.Sc.(H)	50	Intermediate Science (with Biology)
16.	PHYSIOLOGY	B.Sc.(H)	100	Intermediate Science (with Biology)
17.	PHYSICS	B.Sc.(H)	45	Intermediate Science (with Physics and Mathematics)
			05	DAE (Electronics, Mechanical, Electrical, Radio, T.V., Telecommunication, Computer Information Technology)

S.#	Department	Class	No. of Seats	Required eligibility
18.	STATISTICS	B.A./B.Sc.(H)	50	Intermediate Science/Arts (with Mathematics)
			05	DAE (with Mathematics)
19.	ZOOLOGY	B.Sc.(H)	120	Intermediate Science (Biology Group)

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

1.	KARACHI UNIVERSITY BUSINESS SCHOOL	BBA	50	Intermediate / A-Level with at least 50% marks
(Admission will be granted on the basis of Aptitude Test)				
Note: Minimum qualifying marks in the Aptitude Test is 50%				
Weighted for preparation of Merit List is: Academic Record = 40% + Aptitude Test = 60%				
2.	COMMERCE	BS	30	Intermediate Commerce
			30	Intermediate Arts / Science
3.	PUBLIC ADMINISTRATION	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.	POLITICAL SCIENCE (DIPLOMA IN LOCAL GOVERNMENT AND ADMINISTRATION)	DLG	45	Graduation or equivalent
2.	SPECIAL EDUCATION (Diploma in Pakistan Sign Language Introperation)	DSL	40	Graduation (B.A., B.Sc., .B.Com) with at least 45% Marks
3.	TEACHER EDUCATION (Diploma in Early Childhood Education) Leading to Masters	DEE	40	B.A., B.Sc., B.Com. or equivalent in any discipline with at least 45% marks like Science, Arts & Social Sciences, Humanities and others
	(Teaching in Technical Education)	DTT	35	B.Sc., Bachelor of Computer Science, B.Tech. or B.E.
4.	URDU (PGD) For Foreigners	DUR	45	Graduation or equivalent

TABLE - IV

Certificate Courses

S.#	Department	No. of Seats	Required eligibility
1.	ARABIC	50	Intermediate or equivalent
2.	CHILD PSYCHOLOGY	50	Intermediate or equivalent
3.	HUMAN BEHAVIOR	50	Intermediate or equivalent
4.	LIBRARY AND INFORMATION SCIENCES (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.	MASS COMMUNICATION	50	Intermediate or equivalent
6.	MATHEMATICS	50	i) Intermediate or equivalent ii) DBA with Mathematics
7.	MICROBIOLOGY (MCC)	45	Candidates possessing MBBS / BDS / B.Sc. in any Life Sciences discipline.
8.	PERSIAN LANGUAGE	50	Intermediate or equivalent
9.	PETROLEUM TECHNOLOGY	45	Intermediate Science (Pre-Engineering) Candidate must have 5 years experience in the Petroleum Industry.
10.	SOCIAL WORK	50	Intermediate or equivalent
11.	URDU (One Year Professional Certificate Course for Govt. Teachers)	60	Graduation or equivalent
12.	URDU (Six Months Professional Certificate Course for Govt. Teachers)	60	Graduation or equivalent
13.	URDU (One Year Certificate Course for Foreigners)	60	For Foreigners only (students can apply through their consulate)
14.	WOMEN'S STUDIES (Short Course)	50	B.A./B.Sc./B.Com or equivalent

TABLE-V

FEE STRUCTURE ADMISSION FEE

S.#	ADMISSION FEE HEADS	FEE RS.
i)	Admission Fees (Shall be Charged at the beginning of each academic year)	Rs. 2,000/-
ii)	Enrolment Fee	Rs. 1,000/-
iii)	Development Fee	Rs. 2,000/-
iv)	Caution Money (Refundable)	Rs. 1,000/-
	TOTAL AMOUNT	Rs. 6,000/-

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.	Audiology & Speech Pathology	Rs.18,500/-	Rs.6,000/-	Rs.24,500/-
2.	Actuarial Science & Risk Management	Rs.24,500/-	Rs.6,000/-	Rs.30,500/-
3.	Agriculture & Agribusiness Management	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
4.	Applied Chemistry & Chemical Technology	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
5.	Applied Physics(B.Sc. (Hons.))	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
6.	Applied Physics(M.Sc.)	Rs.25,500/-	Rs. 6,000/-	Rs.31,500/-
7.	Biochemistry	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
8.	Biotechnology	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
9.	Botany	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
10.	Criminology	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
11.	Karachi University Business School (BBA)	Rs.33,000/-	Rs. 6,000/-	Rs.39,000/-
12.	Chemistry	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
13.	Computer Science (BSCS / BSSE / MCS)	Rs.27,000/-	Rs. 6,000/-	Rs.33,000/-
14.	Commerce (BS)	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
15.	Economics	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
16.	Education	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
17.	English	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
18.	Environmental Studies	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
19.	Food Science & Technology	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
20.	General History	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
21.	International Relations	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-

S #	DEPARTMENT / PROGRAM	TUITION FEE	ADMISSION FEE	TOTAL FEE Rs.
22.	Institute of Space and Planetary Astrophysics (B.Sc. Space Science & Technology)	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
23.	Islamic Banking and Finance	Rs.20,000/-	Rs. 6,000/-	Rs.26,000/-
24.	Library and Information Sciences (B.L.I.S)	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
25.	Mass Communication	Rs.23,500/-	Rs. 6,000/-	Rs.29,500/-
26.	Mathematics	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
27.	Microbiology	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
28.	Health, Physical Education & Sports Sciences	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
29.	Pharmaceutics (M. Pharm)	Rs.40,000/-	Rs. 6,000/-	Rs.46,000/-
30.	Pharmacology (M. S.)	Rs.55,000/-	Rs. 6,000/-	Rs.61,000/-
31.	Physics	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
32.	Physiology	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
33.	Psychology	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
34.	Public Administration (BPA)	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
35.	Sociology	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
36.	Special Education	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
37.	School of Law (LLM 2 Years)	Rs.43,000/-	Rs. 6000/-	Rs.49,000/-
38.	School of Law (LLB 3 Years)	Rs.44,000/-	Rs. 6000/-	Rs.50,000/-
39.	Statistics	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
40.	Teacher Education, B.Ed. (H) Elementary (4 Years)	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
41.	Teacher Education (M.Ed.)	Rs.22,000/-	Rs. 6,000/-	Rs.28,000/-
42.	Teacher Education, B.Ed. (H) Secondary (1.5 Years)	Rs.22,000/-	Rs. 6,000/-	Rs.28,000/-
43.	Teacher Education, B.Ed. (H) Secondary (2.5 Years)	Rs.22,000/-	Rs. 6,000/-	Rs.28,000/-
44.	Urdu	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
45.	Women's and Gender Studies	Rs.18,500/-	Rs. 6,000/-	Rs.24,500/-
46.	Zoology (B.Sc. / M.Sc.)	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-

DIPLOMA PROGRAM

S #	DEPARTMENT / PROGRAM	TUITION FEE	ADMISSION FEE	TOTAL FEE Rs.
1.	Diploma in Early Childhood Education) Leading to Masters	Rs.19,000/-	Rs. 6,000/-	Rs.25,000/-
2.	Diploma in Pakistan Sign Language Introperation)	Rs.19,000/-	Rs. 6,000/-	Rs.25,000/-

S #	DEPARTMENT / PROGRAM	TUITION FEE	ADMISSION FEE	TOTAL FEE Rs.
3.	Local Government and Administration (DLG) Department of Political Science	Rs.18,500/-	Rs.6,000/-	Rs.24,500/-
4.	PGD in Urdu for Foreigners	Rs.220,000/-	Rs.6,000/-	Rs.226,000/-
5.	Teaching in Technical Education	Rs.19,000/-	Rs. 6,000/-	Rs.25,000/-

CERTIFICATE COURSES

S #	DEPARTMENT / PROGRAM	TUITION FEE	ADMISSION FEE	TOTAL FEE Rs.
1.	Arabic	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
2.	Child Psychology	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
3.	Human Behavior	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
4.	Mathematics	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
5.	Library & Information Science	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
6.	Mass Communication	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
7.	Microbiology (MCC)	Rs.24,500/-	Rs. 6,000/-	Rs.30,500/-
8.	Persian	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
9.	Petroleum Technology	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
10.	Social Work	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
11.	Urdu (Certificate Courses)	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-
12.	Women's Studies (Short Course)	Rs.7,500/-	Rs. 6,000/-	Rs.13,500/-

EXAMINATION FEE FOR ALL STUDENTS WILL BE CHARGED @ RS.200/- PER COURSE

FOR INTERNATIONAL STUDENTS

At the Bachelors level, International Students are required to Pay Rs.2,26,000/- per academic year & Examination Fee Rs.200/- Per Course.

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

Last Year Closing percentages by category and eligibility for Bachelors / Masters / BLIS & Certificate Admissions-2017 (These percentages are only for guidance and not applicable for Admissions-2018)

S.#	DEPARTMENT	Dept. Code	CATEGORY		
			"K"	"S"	"P"
1.	ACTUARIAL SCIENCES & RISK MANAGEMENT	ASR	56.55	--	--
2.	AGRICULTURE & AGRIBUSINESS MANAGEMENT	AGR	47.55	--	--
3.	APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY	ACH	64.64	--	--
4.	APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY (DAE)	ACH	63.41	--	68.91
5.	BOTANY	BOT	46.00	49.09	47.82
6.	BIOCHEMISTRY	BCH	62.82	--	--
7.	BIOTECHNOLOGY	BTH	69.45	--	--
8.	CHEMISTRY	CHM	60.18	--	--
9.	CHEMISTRY (DAE)	CHM	66.60	--	--
10.	COMMERCE (ARTS / SCIENCE GROUP)	COM	60.27	--	--
11.	COMMERCE (COMMERCE GROUP)	COM	65.18	--	--
12.	COMPUTER SCIENCE (MCS)	MCS	52.57	--	--
13.	CRIMINOLOGY	CRI	50.09	--	--
14.	ECONOMICS (ARTS / COMMERCE GROUP)	ECO	51.18	--	--
15.	ECONOMICS (SCIENCE GROUP)	ECO	52.45	--	--
16.	ENGLISH (Elective / Advance / A. Level with 50% marks)	ENG	52.36	--	--
17.	ENGLISH (Compulsory with 60% marks)	ENG	54.73	--	--
18.	EDUCATION	EDU	45.91	52.18	47.00
19.	ENVIRONMENTAL STUDIES	ENV	53.73	--	--
20.	FOOD SCIENCE & TECHNOLOGY	FST	75.82	--	--
21.	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	45.09	48.45	50.45
22.	INTERNATIONAL RELATIONS (Arts Group with CIV, GHS, ECO, SCL or LOG)	IRL	45.64	61.00	45.36
23.	INTERNATIONAL RELATIONS (COMMERCE GROUP)	IRL	60.36	--	--
24.	INTERNATIONAL RELATIONS (SCIENCE GROUP)	IRL	61.00	--	--
25.	MASS COMMUNICATION	MCD	67.36	--	--
26.	MASS COMMUNICATION (DAE)	MCD	72.68	--	--
27.	MATHEMATICS	MAT	46.00	--	--
28.	PHYSICS	PHY	55.00	--	--
29.	PHYSICS (DAE)	PHY	67.46	--	--
30.	PHYSIOLOGY	PHZ	54.55	--	--
31.	PSYCHOLOGY	PSY	61.27	--	--
32.	PUBLIC ADMINISTRATION	BPA	68.27	--	--
33.	PUBLIC ADMINISTRATION (DAE / DBA)	BPA	69.63	--	--
34.	SOCIOLOGY	SCL	45.00	76.73	--
35.	SPACE SCIENCE AND TECHNOLOGY	ISP	60.00	--	--
36.	STATISTICS (SCIENCE / ARTS GROUP WITH MATHEMATICS)	STA	51.00	--	--
37.	STATISTICS (DAE WITH MATHEMATICS)	STA	62.18	--	73.80
38.	ZOOLOGY (B.Sc. Hons.)	ZOO	47.91	--	--
39.	PHARMACOLOGY (MS)	PHL	68.00	--	--
40.	TEACHER EDUCATION (M.ED. 1 Year Program)	MED	53.10	63.29	68.78
41.	SCHOOL OF LAW (2 Year Program)	LLM	53.24	50.30	50.14
42.	ZOOLOGY (MASTERS PROGRAM)	ZOO	46.50	52.05	49.88

ENTRY TEST BASED PROGRAMS

S.#	DEPARTMENT / PROGRAM	CODE	Acad. %	MINIMUM TEST SCORE
43.	APPLIED PHYSICS	APH	49.82	50
44.	COMPUTER SCIENCE (BSCS)	BCS	59.36	50
45.	COMPUTER SCIENCE (BSSE)	BSE	59.27	50

APTITUDE TEST BASED PROGRAM

S.#	DEPARTMENT / PROGRAM	CODE	Final %	MINIMUM TEST SCORE
46.	KUBS (BBA) (Weightages = Acad. 40% + Apt. Test 60%) Final Point = Acad % 40% + Ap. Test 60%	BBA	61.49	50

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 اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

ACADEMIC CALENDAR

FIRST SEMESTER – 2018

<i>Introduction Day</i>	FEBRUARY 01, 2018
<i>Teaching</i>	FEBRUARY 02, 2018 to MAY 15, 2018
<i>Semester Break</i>	MAY 16, 2018 to JUNE 20, 2018 (DUE TO RAMADAN)
<i>Final Examinations</i>	JUNE 25, 2018 to JULY 25, 2018

SECOND SEMESTER – 2018

<i>Teaching</i>	JULY 30, 2018 to NOVEMBER 30, 2018
<i>Final Examinations</i>	DECEMBER 03, 2018 to DECEMBER 21, 2018
<i>Semester Break</i>	DECEMBER 24, 2018 to DECEMBER 31, 2018

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.



**UNIVERSITY OF KARACHI
ADMISSION PROSPECTUS**