MESSAGE

I welcome all the keen seekers of admission to the University of Karachi, who can secure admission in the desired department by satisfying the specific criteria. I find it important to highlight that the University of Karachi is untiringly struggling to promote higher education in the region. Due to this fact, University of Karachi stands in the list of top 200 Universities in Asia. Nevertheless, this journey of rapid development does not limit itself to the current international ranking only; we are rather trying very hard to take our Alma Mater to the list of top ten universities in the World. In this relation, extensive developmental work is being carried out in every sphere of the University, be it academic or administrative.

Our teaching and research is on a par with the international standards and address issues that have a global impact. Despite acute financial crises, the facilities that the University provides make the learning process easier and interesting. In short, we are fervently trying to raise a well-educated, professionally skilled and technically advanced new generation in Pakistan.

It is a matter of pride for me that the name of University of Karachi is a guarantee for absolute success and leadership in every field. This has been possible because of its alumni who are serving at outstanding positions at all levels of societal and professional brilliance.

As far as the admissions 2015-16 are concerned, I must say that we follow very strict merit criteria for admission in all the departments. Self-finance seats are introduced for the prospective students but even there the basic merit criteria are not compromised.

I wish best of luck to all those who wish to join University of Karachi for further studies and ensure that merit is given the first priority at University of Karachi.

Prof. Dr. Muhammad Qaiser
Vice-Chancellor
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 19 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
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<tr>
<td>Vice-Chancellor</td>
<td>Prof. Dr. Muhammad Qaiser</td>
<td>99261336-7</td>
</tr>
<tr>
<td>Registrar</td>
<td>Prof. Dr. Moazzam Ali Khan</td>
<td>99261344</td>
</tr>
<tr>
<td>Director Admissions</td>
<td>Prof. Dr. Khalid M. Iraqi</td>
<td>99261376</td>
</tr>
<tr>
<td>Director Evening Program</td>
<td>Prof. Dr. Abid Hasnain</td>
<td>99261374</td>
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<td>Deans of Faculties:</td>
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<td></td>
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<tr>
<td>Faculty of Education</td>
<td>Prof. Dr. Shagufta Shahzadi</td>
<td>2212</td>
<td>99261362</td>
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<tr>
<td>Faculty of Engineering</td>
<td>Prof. Dr. Viqar Hussain</td>
<td>2255</td>
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<tr>
<td>Faculty of Islamic Studies</td>
<td>Prof. Dr. J alaluddian Ahmed Noori</td>
<td>2394</td>
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<tr>
<td>Faculty of Law</td>
<td>Prof. Dr. Moonis Ahmar</td>
<td>99250644</td>
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</tr>
<tr>
<td>Faculty of Management &amp; Administrative Sciences</td>
<td>Prof. Dr. Khalid M. Iraqi</td>
<td>2587</td>
<td>99261325</td>
</tr>
<tr>
<td>Faculty of Medicine</td>
<td>Prof. Dr. S. M. Abbas Hussain</td>
<td>99261042</td>
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<td>Faculty of Pharmacy</td>
<td>Prof. Dr. Ghazala H. Rizwani</td>
<td>2259</td>
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<td>Faculty of Social Sciences</td>
<td>Prof. Dr. Moonis Ahmar</td>
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Chairpersons / Directors / In-Charges:

Agriculture & Agribusiness
- Prof. Dr. Saleem Shahzad 2546

Management
- Ms. Fareeda Farrukh 2258

Applied Physics
- Ms. Fatima Zainab 2273

Arabic
- Ms. Fatima Zainab 2273

Botany
- Prof. Dr. Syed Ehtesham-ul-Haq 2288

Chemistry
- Prof. Dr. Syed Azhar Ali 2290

Commerce
- Prof. Dr. Tahir Ali 2213

Computer Science
- Mr. Badar Sami 2462

Criminology
- Prof. Dr. Fateh Muhammad Burfat 2547

Economics
- Prof. Dr. Khalid Mustafa 2270

Education
- Dr. Rizwana Muneer 2267

English
- Prof. Dr. M. Kaleem Raza Khan 2268

Environmental Studies
- Prof. Dr. Tariq Masood Ali Khan 2305

Genetics
- Dr. Maqsood Ali Ansari 2238

Geography
- Prof. Dr. Farehunda Burke 2292

Health, Physical Education & Sports Sciences
- Dr. Basit Ansari 2263

Inst. of Space & Planetary Astrophysics
- Prof. Dr. M. J awed Iqbal 2443

International Relations
- Prof. Dr. Shahid Mutahir Ahmed 2274

Islamic Learning
- Dr. Zahid Ali 2390

Karachi University Business School
- Dr. Dastish Ahmed Siddiqui 2386

Mass Communication
- Prof. Dr. Mahtood Ghaznawi 2278

Mathematical Sciences
- Prof. Dr. Syed Arif Kamal 2293

Microbiology
- Prof. Dr. Aqeel Ahmed 2248

Persian
- Dr. Shehla Saleem Noori 2280

Petroleum Technology
- Mr. Kashif Sadiq 2438

Pharmaceutics
- Prof. Dr. M. Harris Shoaib 2252

Pharmacognosy
- Dr. Mohtasheemul Hassan 2202

Pharmacology
- Prof. Dr. Raheela Najam 2206

Physics
- Prof. Dr. Altaf Hussain 2250

Physiology
- Prof. Qamar Amin 2296

Political Science
- Prof. Dr. Muhammad Ahmed Qadri 2342

Psychology
- Prof. Dr. Anila Amber Malik 2283

Public Administration
- Dr. Syed Shabib ul Hassan 2383

Qur'an and Sunnah
- Dr. Shahnaz Ghazi 2324

Sociology
- Prof. Dr. Sobia Anis Shahzad 2286

Special Education
- Prof. Dr. Nasir Sulman 2212

Statistics
- Mr. Muhammad Aslam 2298

Teacher Education
- Dr. Safia Urooj 2550

Women's & Gender Studies
- Prof. Dr. Nasreen Aslam Shah 2441
**ADMISSION SCHEDULE 2015-16**

**APPLICATION FORMS SALE:**
Available on payment of Rs.1200/- from UBL at Silver Jubilee Gate, University of Karachi

15th June 2015 to 3rd July 2015

**SUBMISSION OF COMPLETED FORMS:**
At Form Receiving Counter, Room # 9, Silver Jubilee Gate, University of Karachi

15th June 2015 to 3rd July 2015

**TEST SCHEDULE FOR ADMISSIONS 2015-16**

<table>
<thead>
<tr>
<th>DEPARTMENT / PROGRAM</th>
<th>DATE / DAY</th>
<th>REPORTING TIMING</th>
<th>VENUE</th>
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<tbody>
<tr>
<td>DIPLOMA IN APPLIED GENETICS</td>
<td>25-07-2015</td>
<td>09:30 a.m.</td>
<td>DEPARTMENT OF GENETICS</td>
</tr>
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<td>(SATURDAY)</td>
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<tr>
<td>MS (REMOTE SENSING &amp; GEOGRAPHICAL INFORMATION SYSTEMS)</td>
<td>25-07-2015</td>
<td>01:30 p.m.</td>
<td>DEPARTMENT OF GEOGRAPHY</td>
</tr>
<tr>
<td></td>
<td>(SATURDAY)</td>
<td></td>
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</tr>
<tr>
<td>KARACHI UNIVERSITY BUSINESS SCHOOL MBA (BANKING)</td>
<td>26-07-2015</td>
<td>09:30 a.m.</td>
<td>DEPARTMENT OF POLITICAL SCIENCE</td>
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**ANNOUNCEMENT OF MERIT LIST OF SUCCESSFUL CANDIDATES:**
At Silver Jubilee Gate, University of Karachi, The Directorate of Evening Program & University of Karachi Website: www.uok.edu.pk

1st August 2015

**SUBMISSION OF PRESCRIBED FEE:**

3rd August 2015 to 10th August 2015

**COMMENCEMENT OF CLASSES:**

13th August 2015
Introduction

Established in June, 1951 the University of Karachi is known as one of the premier centers of teaching and research in the sub-continent and the third world. A large number of students from Karachi and other parts of the country are desirous of admission at this university for its high standard of education and highly qualified faculty. A number of scientists and scholars affiliated with the University are working in important positions both within and outside Pakistan and have won significant recognition and acclaim. One of the institutes of the University has got the distinction of being named as the Centre of the Third World Academy of Sciences. Students from several foreign countries are also pursuing for the Masters and Doctorate degrees. As the population of the city is increasing day by day, it is a real challenge for the University to accommodate all the applicants in various courses of studies in the morning program. Hence, to meet the increasing demand of education in various disciplines, the university has been running the Evening Programs in several departments at the Masters, BS, B.A./B.Sc.(Hons.), Diploma and Certificate levels since the Directorate of Evening Program was established in 1995 to administer the Evening Program. The curricula for Morning and Evening programs are identical for the awards of university's degrees. In most cases, same teachers as well as the same laboratories and library facilities are available to the students of the morning and evening programs. Attendance, teaching and examination standard are the same for both the shifts.

At present, teaching in the University campus is conducted under eight faculties; Faculty of Social Sciences, Faculty of Education, Faculty of Engineering, Faculty of Islamic Studies, Faculty of Law, Faculty of Management & Administrative Sciences, Faculty of Pharmacy and Faculty of Science. As many as 54 departments and over 21 research institute/centers are imparting education to more than 25,000 students including students from foreign countries. The faculty comprises more than 650 highly qualified and experienced teachers; many of them have obtained higher degrees from abroad and earned international repute. The non-teaching staff comprises more than 2500 members to help with administrative and other matters.

The University of Karachi is also an affiliating and examining body. At present, more than 145 colleges and institutions are affiliated to the University. The courses of studies for these institutions are approved by the University and examinations are also conducted under its auspices. The University conducts examination of about 150,000 students studying in these colleges/institutes, and prepares their results and awards degrees.

Students' Affairs

To look after students affairs in general, and to supervise their extra curricular activities, an office of Advisor Students Affairs for the purpose is situated at the first floor of the Administration block. Teachers and the staff are available for guidance of the students.

In order to help the passing out students in securing jobs and solve their practical problems, an office of Students Guidance, Counseling and Placement Bureau functions at the first floor of a building facing Masjid-e-Ibrahim. The Bureau also conducts preparatory classes, every year, for those who wish to appear in the CSS examinations or to develop proficiency in the English language.
Discipline Committee
A discipline committee maintains law and order at the campus to ensure a proper academic environment. The Committee takes notice of the cases of infringement of law and order, and undesirable activities at the campus, and takes disciplinary action against the offenders. The Vice-Chancellor is Chairman of this Committee while the Advisor, Students' Affairs is its member secretary. The Committee meets several times a year to review the prevailing law and order situation and other related matters and take appropriate decisions.

Evening Program
The Evening Program of the University of Karachi offers Masters / Diploma Programs. The timings of the program have been scheduled from 3:30 p.m. In departments where laboratory experiments are involved, it usual commences at 3:30 p.m. while in others, teaching schedule is decided by the department's management according to the needs of the courses within the working hours of the Evening Program. The timings of the program provide an excellent opportunity to individuals, who are in-service and want to improve their academic qualifications, for enhancing their learning and career prospects.

During the holy month of Ramdan, the classes remain suspended. There are two semesters in a year. Tuition fee is charged in each semester. The fee varies from Rs.16,000/- to 45,000/- per semester for different diploma/degree programs.

Who Should Enroll ?
- All prospective students wishing to join the University immediately to have an early start of their higher education.
- In-service candidates who are keen to improve their qualifications and skills.
- Female students are encouraged to enroll. Presently, nearly 40% girls are studying in the Evening Program.
- There is no restriction on the year of passing, but the pre-requisite examination must have been passed from a recognized institution / University.
- Minimum eligibility for admission is 2nd Division with at least 45% marks unless otherwise stated. Grace and Condonation marks shall not be considered.

Department/Programs details are laid down in Table I & II.

System of Studies
The University follows the semester system. One academic year consists of two semesters (details available in the Academic Calendar shown at the end of this brochure).

Students admitted in the University have to be conversant with the University rules and must abide by them.
Rules governing attendance and promotion are of special importance. Under these rules:

1. Minimum attendance requirement to appear in the 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 class unless he/she has cleared at least 80% of the courses. This rule is being strictly followed as per decision of the University's Academic Council.

Instructions for Foreign Students
Foreign students are admitted to this University on nomination from the Ministry of Foreign Affairs and Ministry of Education, Government of Pakistan, subject to eligibility. Foreign students shall pay the prescribed fee shown in Table-III.

Admission Policy
Admissions in University of Karachi are given according to merit. However, certain seats are reserved for dependents/self of university teachers and employees, special persons and Army personnel. For reserved seats also, merit is the only criterion.

Five percent (5%) seats have been reserved for applicants who have done their graduation from other degree awarding institutes situated in Karachi and recognized by the University of Karachi.

Note:
Subject to eligibility, admissions on reserved seats for armed forces are granted through nominations from the General Headquarters.

Admissions on Merit Seats
Since the number of applicants is usually much higher than the number of available seats, under the University rules, the applicants are divided into three categories i.e. “K”, “S”, and “P”.

1. **Category “K”** refers to those applicants who have passed their Secondary School Certificate (SSC), Higher Secondary Certificate (HSC) or equivalent, and graduation degree from educational institutions situated in Karachi and also recognized or affiliated by the University of Karachi.
   Five percent (5%) seats have been reserved for applicants who have completed their graduation from other degree awarding institutes situated in Karachi and recognized by the University of Karachi.

2. **Category “S”** refers to those applicants who have passed at least one of the certificates (SSC or HSC) or degree examinations from a recognized educational institution in the Province of Sindh (excluding Karachi).
3. **Category “P”** refers to those applicants who have passed at least one of the certificates (SSC or HSC) or degree examinations from a recognized educational institution outside the Province of Sindh or Pakistan.

Preference in admissions is given to “K” category candidates. In case seats are left vacant, “S” category candidates are considered. If seats are still available then consideration is given to “P” category candidates.

**Admission in the University are 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 father or mother is domiciled in Karachi, but who have passed the pre-requisite examination, from abroad, conducted by any registered International Institution or any Pakistani Board or University, will have to produce their father's or mother's domicile certificate and copy of CNIC showing their permanent address in Karachi.

2. Students whose parents are employees of the Federal or Sindh Government, Autonomous or Semi-autonomous bodies, Government Corporations, or Armed Forces and have been posted in or transferred to Karachi during last 5 years (for Masters/Diploma programs) will have to produce the appointment letter or transfer letter of their father/mother together with their application. Such candidates must have completed their further education, after the date of transfer or posting of their father/mother from educational institutes located in Karachi.

3. 3% seats in each department will be allocated for those candidates who have passed their pre-requisite examination from a recognized educational institution located outside Karachi but they have their initial education including Matric and Intermediate from Karachi. Such candidates should have Karachi P.R.C. and their parents should have Domicile and CNIC showing their permanent address in Karachi. Candidates below the age of 18 years are required to submit photocopy of their ‘B’-Form.

4. A candidate who comes under 'S' or 'P' category but she/he is married to a permanent resident of Karachi should submit a copy of the ‘Nikah-Nama’ along with Domicile and CNIC of her/his spouse showing his/her permanent address in Karachi.
Application for change of category
All such applicants who fulfill any of the criteria for change of category to 'K' described above, should attach with their forms an application on plain paper for change of category together with the required document mentioned above. At the time of admission they will have to produce the original and photo-copies of all the documents.

Admissions on Reserved Seats
Some seats have been reserved for Karachi University Employees, Army personnels 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 and must be attached the supporting documents.

Admissions on Donor Seats
University of Karachi offers admissions on donor seats as well. Faculty-wise amount (per seat) for donors is as follows for Masters & Diploma programs;
1. Faculty of Management and Administrative Science Rs. 2,00,000/-
2. Faculty of Social Sciences, Education, Science and Islamic Studies Rs. 2,00,000/-

Eligibility for Admission
1. The admission to Diploma / Masters Degree in the Evening Program shall be granted on the basis of academic record at the graduation level unless otherwise stated. Tables I & II show the details for eligibility criteria for all courses of studies.

2. A candidate must have passed the pre-requisite examination from a recognized Board/University at graduate/postgraduate level. Grace/Condonation marks shall not be counted.

3. A student placed in 3rd division or obtaining less than 45% marks in the pre-requisite (Graduation) examination cannot be admitted to the University.

4. For admission to any department in the Evening Program, the University rules for morning program are uniformly applicable. However, the condition of having passed the pre-requisite examination during the last five years has been relaxed for the Evening Program.

5. A candidate already having a Masters or equivalent degree is not eligible for regular admission to the Evening Program for a second Masters degree or Diploma programs. If any such case comes to notice, the student's admission will be cancelled, and legal action can be initiated against him/her. However, students who have done their masters in English Literature can apply for admission to M.A. English Linguistics. Similarly, students who have completed M.A English Linguistics can do second masters in English Literature (one year). These candidates will have to comply with the general rules for admission.
6. A candidate engaged in a gainful employment during the day is eligible for admission as a regular student of the Evening Program.

7. Candidates who have passed the pre-requisite examination from private institutes not affiliated with the University of Karachi should get the equivalence of their degree determined by the University's equivalence committee well before 3 days of the announcement of the list of successful candidates. In case of failure to do so, they will not considered for admission. If they submit the equivalence certificate after the announcement of list, their claim shall be subject to availability of seats and merit.

Procedure of Admission

1. The date of opening of admissions, availability of forms, submission of forms and other details are announced through advertisements in the leading newspapers.

2. A candidate can apply for admission in four programs of his/her choice. The candidate is advised to write programs in order of his/her preference in the space provided in the application form. Admission in the program shall be awarded on the basis of eligibility, merit and the number of seats available in the program mentioned in (Table I & II).

3. Paste three photographs (1” x 1.5””) on Admission Form and attach the following documents at the time of submission.
   a) Completed original admission form along with a powder photocopy of filled in form.
   b) Two photocopies of Marks certificates of 1st and 2nd year or a composite Marks certificate of the pre-requisite(Graduation) examinations. (showing marks for both years)
   c) One photocopy of intermediate Marks Sheet or Certificate.
   d) One photocopy of Matriculation marks sheet or Certificate.
   e) One photocopy of CNIC

4. There is no need of attestation of documents at the time of submission of admission form. Receipt/Admit Card, duly signed and stamped shall be handed over to the prospective candidate at the counter where the admission form will be submitted.

5. Students are not allowed to submit more than one admission form, nor can he/she make any changes in the form after it is submitted. If a candidate is found having submitted more than one form, all of his/her forms shall be cancelled.

6. Candidates submitting forms for reserved seats should mention “RESERVED SEATS” on top of the Admission form and must be attached the supporting documents.

7. It is the responsibility of the candidate to submit form with complete required documents. Incomplete forms will not be processed and, after the announcement of admission list, a valid claim will be considered only if seats are vacant. In such cases, candidate cannot claim on the basis of closing percentage announced by the University.

8. A merit list will be prepared for every department after verification of the eligibility and mark sheets of the applicants, on the basis of criteria set down for that department / program.
9. **Instructions for candidates whose names appear in the Admission Merit List:**

i) A list of successful candidates for the admissions shall be displayed on the notice board of the Directorate of Evening Program, the Silver Jubilee Gate of University of Karachi and Karachi University website: www.uok.edu.pk.

ii) **The formalities for admission must be completed within the stipulated time. Otherwise, the admission shall stand lapsed and no claim will be entertained.**

iii) The successful candidates shall be required to pay the prescribed (Admission+Tuition) fee given in Table-III.

iv) Following documents must be submitted at the time of admission to complete the enrolment requirements:

   a. Original marks certificate of the pre-requisite (Graduation) examination passed (not to be returned) and two attested photostat copies.
   c. Photocopy of Matric Certificate.
   d. Migration certificate (for candidates who have passed the pre-requisite examination from any Board or University other than Karachi).
   e. Attested Photostat copy of the Computerized National Identity Card or in case the candidate is below 18 years of age, his/her father's or mother's Identity Card along with the attested photocopy of Form "B". (The original shall be returned after verification).
   f. 10 recent 1” x 1.5” size photographs.
   g. Any other document as may be required by the University.

v) After completion of the above formalities, the candidate will have to fill in an enrolment form. Under the University rules, his/her admission will not be deemed complete until he/she receives his/her enrolment card.

10. If a candidate somehow manages to secure admission on the basis of false information and/or fake documents, his/her admission shall automatically stand cancelled and suitable punitive action will be taken according to the University rules, which may extend up to debarring him/her from admission at any educational institution for three years.

11. All candidates seeking admission will have to, besides the directions given in this booklet, abide also by the rules laid down in the University Code. Likewise, semester rules are applicable to all the students.

12. For further details regarding the course of studies, the concerned department may be contacted during 3:30 p.m. to 7:30 p.m. on all working days.
Note:

1. Merit List of any program will be announced subject to the number of eligible candidates is 25 or above.

2. In order to start teaching, the minimum number of students enrolled in a Masters/Diploma program is 25. If students in the minimum required number do not register by paying the fee, the program shall be cancelled and fee shall be refunded.

3. Classes will commence from August 13, 2015.

4. The Chairpersons/In-charge of the program shall decide the teaching and lab timings between 03:30 p.m. to 08.30 p.m. Theory classes are normally held between 5:00 p.m. to 8:30 p.m. These timings enable the in-service students to complete the attendance requirements.

5. If any candidate feels that his / her name has been inadvertently left even though he/she has secured merit marks and satisfies the other conditions of eligibility should obtain a Claim Form from the UBL Campus Branch on payment of Rs. 500/- (Rupees Five Hundred only) and submit on the date to be announced along with the List of Successful Candidates. If the claim is found to be correct, the admission will be granted to the candidate according to rules and regulations and the cost of the claim form will be refunded.

Office of the Admissions Committee
Phone # 021-99261300 – 6 Ext # 2479; Direct # 021-99261376

Directorate of Evening Program
Phone # 021-99261300 – 6 Ext # 2339; Direct # 021-99261574
Department of Arabic

Introduction
The department of Arabic is enjoying the patronage of renowned scholars of international repute. The cautiously designed syllabus has considered the needs of students and the contemporary literary world that is a confluence of ancient and modern Arabic Literature, Language and Linguistics. Besides academic activities, co-curricular activities are also stressed like extension lectures, debates, study tours, picnics and other events to discover, enhance and polish the abilities and talent of the students.

At present fifty seven (57) courses of Arabic Literature, Language and Linguistics are taught including computer and research methodology.

Facilities
There is a well-stocked Seminar Library in the department containing books on almost all relevant subjects, a state-of-the-art Computer Lab with internet facility and modern audiovisual 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 in electronic media as well.

Faculty Members
Assistant Professors
- Ms. Fatima Zainab (In Charge)
- Mr. Asif Saleem
- Dr. Muhammad Imran Latif Khokar
- Dr. Muhammad Abdul Hameed Nabeel

Programs Available
- Diploma in Qur’anic Arabic (PGD)
- Diploma in Contemporary Arabic (PGD)
- Diploma in Functional Arabic (PGD)

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 and Computer Laboratories.

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 Member
Professor
- Dr. Fateh Muhammad Burfat (Chairman)

Associate Professors
- Dr. Ghulam M. Burfat

Assistant Professors
- Dr. Naima Saeed

Programs Available
- M. A. in Criminology
- Diploma in Criminology

For Further Enquiry
Telephone: 99261300-06, Ext-2547
Website: www.uok.edu.pk/faculties/criminology
Email: fatehmuhammadburfat@gmail.com
Department of Economics

Introduction
The department of Economics in 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 position in national and multinational companies.

Faculty Members
Professor
• Dr. Khalid Mustafa (Chairman)

Associate Professor
• Dr. Abdul Waheed

Assistant Professors
• Ms. Rubina Hassan
• Dr. Syed Viqar Hussain
• Mr. Syed Muhammad Ali
• Mr. Muhammad Ahsanuddin
• Ms. Seema Siddiqui Hai
• Dr. Roohi Ahmed
• Dr. Safia Qamar
• Dr. Nooreen Mujahid
• Mr. Mirza Muhammad Shehzad
• Dr. Rummana Zaheer
• Ms. Saba Masood
• Ms. Lubna Naz
• Mr. Muhammad Haseeb
• Dr. Zeeshan Atique

Lecturers
• Ms. Rabia Shakir
• Mr. Muhammd Umair

Programs Available
• M.A./M.Sc. (Economics)
• Masters in Economics & Finance(M.E.F.)
• Masters in Transport Management (M.T.M.)
• Diploma in Economic & Finance (PGDE)

For Further Enquiry
Telephone: 99261300-06 Ext- 2270
Website: www.uok.edu.pk/feculties/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.

Facilities
- Department Seminar Library
- Audio-Visual Lab
- Cassette Library for the Blind

Specific Research Areas
- Early Modern English Literature
- American Literature
- Literary Theory
- Romanticism
- Comparative Literature
- English Syntax
- World Englishes
- Sociolinguistics
- Phonology
- Discourse Analysis
- Bilingualism

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
Professors
- Dr. Muhammad Kaleem Raza Khan
- Dr. Farhana Wazir Khan (Chairperson)

Associate Professor
- Dr. Iftikhar Shafi

Assistant Professors
- Ms. Dilshat Bano
- Ms. Nishat Wasim
- Ms. Huma Shakir
- Ms. Lubna Shaheen
- Ms. Shumaila Shafqet Ali
- Mr. S. M. Tayyab Zaidi
- Dr. Faisal Nazir
- Mr. Wajdan Raza

Lecturers
- Ms. Ibtesam Afreen
- Ms. Bushra Ahmed Khurram
- Ms. Lubna Hasan
- Mr. Muhammad Babur Khan Suri
- Mr. Muhammad Moonis Azad
- Mr. Syed Farhan Shoukat
- Mr. Abdul Basit

Programs Available
- M.A. (English)
- M.A. (English Linguistics/Literature) One year

For Further Enquiry
Telephone: 99261300-06 Ext- 2268
Website: www.uok.edu.pk/faculties/english
Email: english@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 BS./B.A./M.A./MS/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 seminars, conferences 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, 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, civil services, banks and universities.

Faculty Members
Professors
- Dr. Moonis Ahmar (Dean, Faculty of Social Sciences)
- Dr. Shaista Tabassum
- Dr. Shaikh Mutahir Ahmed (Chairman)

Associate Professors
- Dr. Naeem Ahmed
- Dr. Farhan Hanif Siddiqui

Assistant Professors
- Ms. Sheila Zulfiqar Ahmed
- Mr. Syed Amir Hameed
- Ms. Nausheen Wasi
- Mr. Fahimuddin
- Mr. Muhammad Faisal Awan

Lecturer
- Mr. Amjad Ali

Program Available
- Masters in International Relations

For Further Enquiry
Telephone: 99261300-06 Ext- 2274/2549
Website: www.kuird.edu.pk
Email: ir@uok.edu.pk
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 professionals to cater to the growing needs of the media industry. A full-fledged M.A. program replaced the diploma program in 1962 to modernize media education in the country.

Facilities
The department has 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 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.

Faculty Members
Professors
• Dr. Tahir Masood
• Dr. Mehmood Ghaznavi (Chairman)

Associate Professor
• Dr. Rafia Taj

Assistant Professors
• Ms. Samina Qureshi
• Dr. Fouzia Naz
• Ms. Sadia Mahmood
• Mr. Muhammad Usama Shafiq
• Dr. Asmat Ara
• Dr. Naveed Iqbal Warsi
• Dr. Syed Azfar Ali

Lecturers
• Mr. Naveed Arshad
• Ms. Raana Afzal

Program Available
• Masters 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

Lecturers
- Mr. Muhammad Nazir
- Mrs. Faiza Khatoon
- Ms. Bilquees

Program Available
- Diploma in Persian Language

For Further Enquiry
Telephone: 99261300-06 Ext- 2280
Website: www.uok.edu.pk/faculties/persian
Email: 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
Professor
- Dr. Muhammad Ahmed Qadri (Chairman)

Associate Professors
- Dr. Nusrat Idrees
- Dr. Samina Saeed
- Dr. Summer Sultana

Assistant Professors
- Dr. Muhammad Ali
- Mr. Muhammad Kamran Khan

Lecturers
- Mr. S. Shameel Ahmed Qadri
- Mr. Mehboob Hassan Muqaddam

Programs Available
- Masters in Political Science
- Masters in Public Policy
- Diploma in Public Policy (PGD) (Leading to M.A. in Public Policy)

For Further Enquiry
Telephone: 99261300-06 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. Prof. Dr. Farrukh Z. Ahmad, the then chairperson, took active steps to establish a separate institute of clinical Psychology.

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 (Chairperson)
- Dr. Farah Iqbal

Associate Professors
- Mrs. Rubina Feroz
- Dr. Qudsia Tariq
- Dr. Amena Zehra Ali
- Dr. Ziasma Haneef Khan

Assistant Professors
- Ms. Anila Mukhtar
- Dr. Bushra Khan
- Dr. Rabia Riaz

Lecturers
- Ms. Samia
- Mr. Farhan Kamran
- Ms. Zahra

Programs Available
- M. A. / M. Sc. in Psychology
- Diploma in Industrial and Organizational Psychology (PGD)
- Diploma in Investigative Psychology(PGD)

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 the society and human behavior. This is the core discipline of social sciences. The study if 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 attempt to analyze the reaction and management of social groups as well the factors which lead to their break down.

Sociological research reveal, the multi faceted nature Social reality, its multiple causes and multiple effects provides us well sets of methods suitable for unraveling the complexities of social life. The study of sociology help 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 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

Sociologist are employed in industries, trade, association labor unions, foundations and fairly in large numbers by research organization 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 sociologist and criminologist 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 (Chairperson)
- Dr. Nabeel A. Zubairi

Associate Professor
- Dr. Naila Usman Siddiqui

Assistant Professors
- Ms. Munnaza Madani
- Mr. Amjed Javed
- Dr. Kausar Parveen
- Dr. Kaneez Fatima Mamdani

Lecturer
- Ms. Nousheen Raza

Programs Available
- Masters in Sociology
- Masters in Population Sciences

For Further Enquiry
Telephone: 99261300-06 Ext- 2286
Website: www.uok.edu.pk/faculties/sociology
Email: sshahzad@uok.edu.pk
Centre of Excellence for

Women’s & Gender Studies

Introduction
Since the last 25 years the Centre of Excellence for Women's Studies (CEWS) 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 along with BS 4-year and B.A. (Hons.) 3-year degree program in Women's Studies. We have an Evening Program for M.A. in Women’s & Gender Studies. Women's & Gender 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 every-day 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 engage 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 this facility. Soon, our library would be accessible through our electronic portal.

Specific Research Areas
- Women & Work: Child Labour, Girl Child, Self-Employed Women
- Women & 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
- Prof. Dr. Nasreen Aslam Shah (Director)

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

Lecturers
- Ms. Seema Manzoor
- Ms. Dua-e-Rehma

Program Available
- Masters in Women’s & Gender Studies

For Further Enquiry
Telephone: 99261300-06, Ext-2441
Direct: 99261654
Website: www.genderstudiespakistan.com
Email: cews@uok.edu.pk
Department of Education

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

Facilities
The department of Education has a seminar library containing latest books on almost all 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 on the latest equipments used in presenting research findings to the large audience.

Career Opportunities
Education is an important discipline in Social Sciences and Humanities. Therefore, graduated students of Education have ample opportunities in the competitive job market. Research Industry, Media, Career Counseling, Schools, Teacher Training Institutes, Human Resource Development Centres, Professional institutes, UNICEF, UNESCO and NGO based organizations are the possible fields for the graduates of Education.

Faculty Members
Assistant Professor
• Dr. Rizwana Munir (In Charge)

Lecturers
• Ms. Azizunnisa
• Mr. Muhammad Asim
• Ms. Naila Siddiqua

Program Available
• Masters in Education

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. Prepare to make a difference.

Facilities
The department has lecturer 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
- 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
- Teachers’ 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 (Dean Faculty of Education)
- Dr. Nasir Sulman (Chairman)

Assistant Professors
- Dr. Hemera Aziz
- Dr. Afshan Rahat

Lecturers
- Ms. Sahar Yasmeen
- Ms. Saira Saleem
- Ms. Saba Suleman

Programs Available
- B.Ed. in Special Education
- Diploma in Audiology and Speech Pathology(PGD)
- Diploma in Inclusive Education (PGD)
- Diploma in Special Education(PGD)

For Further Enquiry
Telephone: 99261085 (Direct)
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. Further to it, the students enrolled in the program can take benefit from all centralized student support services available at the University of Karachi.

Career Opportunities
Teaching is one of the largest professions with ample opportunities for Continuous Professional Development. B.Ed. (Hons.) is 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 (In charge)
- Dr. Imtiaz Ahmad

Lecturer
- Mr. Intizar Hussain

Program Available
- B.Ed. (2 year program after A.D.E.)

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 thoughts 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 be pursued in the Ph.D. Program.

The department is situated in a beautiful building of Islamic Studies near Masjid-i-Ibrahim. In this department students are learning 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. The Faculty of Islamic Studies has also a computer lab for teaching and research activities.

Specific Research Areas
The faculty members of the department of Islamic Studies are engaged in research projects funded by the university as well as on 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

Professor
• Dr. Jalaluddin Ahmed Noori
  (Dean Faculty of Islamic Studies)

Associate Professor
• Dr. Zahid Ali Zahidi (Chairman)

Assistant Professors
• Dr. Obaid Ahmed Khan
• Dr. Nasiruddin
• Dr. M. Arif Khan Saqi
• Dr. Asma Begum

Program Available
• Masters in Islamic Learning

For Further Enquiry
Telephone: 99261300-06 Ext- 2390
Website: www.uok.edu.pk/faculties/islamiclearning
Department of

Quran-o-Sunnah

Introduction
The Department was established in 2000. Master's Degree Program is available in this department. All the Students who have passed B.A. or Shahadat-ul-Aliya from Wafaqul Madaris and other Madaris are eligible for admission. Those candidates who have done only Shahadat-ul-Aliya are required to submit complete equivalence certificate issued by the University of Karachi.

Specific Research Areas
The research activities in the department are remarkable such as:

- To write thesis on M.A. level is a part of research activities.
- At least 50 candidates have successfully completed their Ph.D. research since the establishment of this department in 2000.
- More than a hundred students have been enrolled in M. Phil. /Ph.D.

Career Opportunities
After passing M.A. there is vast scope in Schools, Colleges, Universities, Madarsas as teachers, as well as in other national and multinational institutions as Sarri'ah experts.

Faculty Members
Assistant Professors
- Dr. Shahnaz Ghazi (In charge)
- Dr. Zeenat Haroon
- Dr. Mufti Imran-Ul-Haq Kalyarvi

Program Available
- Masters in Quran-o-Sunnah

For Further Enquiry
Telephone: 99261300-06 Ext- 2324
Website: www.uok.edu.pk/faculties/quranwasunnah
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
Professor
• Dr. Tahir Ali (Chairman)

Assistant Professors
• Ms. Zaeema Asrar Mohiuddin
• Mr. Hasan Raza
• Ms. Sadaf Mustafa
• Mr. Muhammad Arfeen Siddiqui

Lecturers
• Ms. Aysha Fareed
• Mr. Muhammad Farukh Aslam

Programs Available
• M.Com. (General)
• M.Com. (Insurance)

For Further Enquiry
Telephone: 99261300-6 Ext: 2213
Website: www.uok.edu.pk/faculties/commerce
Karachi University Business School

Introduction
Karachi University Business School (KUBS) was established during 1999-2000 because Institute of Business Administration (IBA), then a constituent of University of Karachi was declared autonomous degree awarding institution.

KUBS within short period of time has become well established institution with good reputation and high image in the business world. KUBS is presently offers a number of programs, namely BBA (4-year Program), MBA (Morning) 3½ years, MBA (Morning) 1½ years after completion of 4-year BBA program (Morning & Evening) and MBA (Evening) 5-year programs, MBA (Banking) 2-year Program (Morning & Evening) is also run jointly with the Institute of Bankers Pakistan (IBP), MBA Executive 2 ½ years Program and M. Phil. Program.

KUBS has plans to start short-term certificate programs in the field of financial management, marketing communication, brand management, services marketing and MIS.

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 follow a field-based education with emphasis on problem-focused research and the case method of instruction. Also 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.

We would like to congratulate our management, faculty, staff and students on winning the Asia's Best Business School Award under the category of "Innovation Leadership Award". The 2nd Asia's Best B-School Awards ceremony was held on July 22, 2011 in Singapore, where the award was presented to Dr. Abdul Rehman Zaki, Chairman Karachi University Business School (KUBS). KUBS was awarded 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. Asia's Best B-School Awards' is an initiative of CMO Asia Advisory Board and Advisory Council of the World Brand Congress. Business schools from 25 countries were nominated and awarded under various categories.

Facilities
Karachi University Business School (KUBS) is located in a serene corner of the University. The KUBS offers a well-equipped learning environment.

A large number of books can be subscribed by the departmental library. Students can also consult Dr. Mahmood Hussain Library comfortable and quiet workspace with good number of books on business and professional journals. Business Periodicals both local and international are available at Dr. Mahmood Hussain Library of Karachi University.

KUBS also has a computer lab, which is equipped with open-access PCs with word processing, presentation, database and other software. Upgrading of lab and installment of new PCs is still in progress.

Career Opportunities
Tremendous opportunities exist in the field of Banking, Finance, and Marketing in national and multinational organizations. Our graduates are in great demand and highly paid jobs are offered to them.

Specific Research Areas
With the starting of M. Phil./Ph.D. programs we expect to extend research programs in future.

Faculty Members
Associate Professors
- Dr. Danish Ahmed Siddiqui (Chairman)
- Dr. Muhammad Asim

Assistant Professors
- Ms. Shahnaz Baloch
- Mr. Shameel Ahmed Zubairi
- Mr. Sheikh Fakhre Alam Siddiqui

Lecturer
- Ms. Kausar Qureshi

Program Available
- MBA (Banking)

For Further Enquiry
Telephone: 99261300-6 Ext 2386
Website: www.uok.edu.pk
Email: kubs@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, at 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 graduate which 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. Khalid M. Iraqi (Dean Faculty of Management & Administrative Sciences)
- Dr. Akhtar Baloch

Associate Professor
- Dr. S. Shabibul Hasan (Chairman)

Assistant Professors
- Ms. Afsheen Nizam
- Mr. Syed Shahid Zaheer Zaidi
- Ms. Saima Akhter
- Dr. Ghazal Khawaja

Lecturers
- Mr. Mustafa Hyder
- Ms. Tehmina Faisal

Programs Available
Masters Programs
- Public Administration (MPA)
- Human Resource Management (MHRM)
- Administrative Science (MAS)

Postgraduate Diplomas (Leading to Masters Program)
- Public Administration (PGDPA)
- Human Resource Management (PGDHRM)
- Public Administration and Public Policy Analysis (PGDPA & PPA)

For Further Enquiry
Telephone: 99261300-6 Ext-2383
Website: www.uok.edu.pk/faculties/publicadministration
E-mail: 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 69 M. Phil. and 11 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, in which 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
- Bio-Pharmaceutics
- 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, in pharmaceutical industries that has 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 eager 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
Professors
- Dr. Nighat Razvi
- Dr. Muhammad Harris Shoaib (Chairman)

Assistant Professors
- Ms. Shaista Hamid
- Dr. Shahnaz Gauhar
- Dr. S. M. Farid Hassan
- Dr. Rabia Ismail Yousof
- Mrs. Sabahat Jabeen
- Mr. Iyad Naeem Muhammad
- Mrs. Rehana Saeed

Program Available
- M. Pharm

For Further Enquiry
Telephone: 99261300-06 Ext: 2252
Website: www.uok.edu.pk/faculties/pharmaceutics
Department of Pharmacology

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

The major academic objectives of the department are to facilitate Basic and Applied Research, educate undergraduate, and professional students in various disciplines and provide academic excellence. Department of Pharmacology has so far produced the highest number of Ph.D.s in the faculty of Pharmacy and a large number of M. Phil and M. Pharm. The department is proud of having 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 assigned for Research students which have all the basic and enhanced equipment and instruments required for research work.
- Computer and internet facilities have been provided, so students can have easy access to latest information and data.
- Pharmacy library has also been equipped with latest books and research journals of pharmacology.

Specific Research Areas
- Neuropharmacology
- Toxicology
- Biochemical Pharmacology
- Cardiac vascular pharmacology
- Psychopharmacology

Career Opportunities
After completion of M. Phil./Ph.D. in the field of Pharmacology successful, candidates will be able to perform duties in the following areas:
- Research
- Education
- Hospital Pharmacy
- Clinical Pharmacy
- Pharmaceutical Industry
- Drug testing laboratories

Faculty Members
Professors
- Prof. Dr. Rafeeq Alam Khan
- Dr. Rahila Najam (Chairperson)

Assistant Professors
- Ms. Tasneem Mariam Sajid
- Dr. Syeda Afroz
- Ms. Sadia Ghousia Baig
- Dr. Afshan
- Dr. Nuzhat Sultana
- Dr. Azra Riaz

Lecturers
- Mr. Shadab Ahmed
- Mrs. Saira Saeed Khan

Program Available
- M. Pharm.

For Further Enquiry
Telephone: 99261300-06 Ext-2206
Website: www.uok.edu.pk/faculties/pharmacology
Department of Pharmacognosy

Introduction
This department was established under faculty of pharmacy in 1973. Since inception the department has been serving as back bone for the various branches of pharmaceutical sciences. Pharmacognosy derives its origin from two Greek words, pharmakon (drug), and gnostics (knowledge). It is the study of natural bioactive substances obtained from terrestrial and marine plants, animals, microbes and minerals, for their physical, chemical, biochemical and biological properties, their taxonomy and ethnobiology. Pharmacognosy, one of the major areas of pharmaceutical sciences, is a highly interdisciplinary science, linked to phytochemistry, microbial chemistry, biosynthesis, biotransformation, chemotaxonomy, biotechnology and other biological and chemical sciences. Research in Pharmacognosy provides for the discovery of lead compounds for drug development, new methods of analysis for drugs, toxins and herbal preparations.

The objective of the department of Pharmacognosy is to educate students about the natural sources of drugs, their pharmacognostic and phytopharmacological attributes, chemical and spectroscopic profile of isolated molecules and their development as modern pharmaceutical products.

During the past five decades it shared with the other departments to produce more than 5000 B. Pharm and about 1500 Pharm-D. graduates. The department of Pharmacognosy always endeavored to promote higher education this resulted in 58 M. Pharm, 35 M. Phil and 38 Ph.D. graduates. The active faculty members collectively produced more than 27 books, wrote hundreds of research papers in well reputed journals at national and international levels.

Facilities
The department has one lab at under graduate level and two graduate level labs. These are well equipped to conduct the lab work at both levels. The students can work on latest spectrophotometer, PCR, HPLC, lyophilizer, rotary evaporator, incubator, oven, flash chromatography, distillation assembly, two channel recorder, Plethysmometer, Analgesia meter, soxhlet apparatus.

Specific Research Areas
Natural products, clinical studies, standardization of herbal products, formulations, isolation of natural products, analysis of marine and terrestrial flora and fauna, ethnopharmacognosy, natural toxicants, nutraceuticals, cosmeceuticals, zoceuticals.

Career Opportunities
The graduates from the various programs offered can work in both modern and herbal pharmaceutical organizations, ministry of health, WHO, various drug regulatory bodies, research organizations, teaching institutions.

Faculty Members
Professors
• Dr. Ghazala H. Razwani (Dean Faculty of Pharmacy)
• Dr. Iqbal Azhar

Associate Professor
• Dr. Muhammad Mohtasheem ul Hasan (Chairman)

Assistant Professor
• Ms. Farah Mazhar

Lecturers
• Mr. Salman Ahmed
• Ms. Safia Abidi

Program Available
• M. Pharm.

For Further Enquiry
Telephone: 99261300-06 Ext- 2202
Website: www.uok.edu.pk/faculties/pharmacognosy
Email: Pharmacognosy@uok.edu.pk

Admissions 2015-16
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, NIAAB, 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
Professors
- Dr. Saleem Shahzad (Chairman)
- Dr. Saifullah Khan

Associate Professor
- Dr. Saboohi Raza

Assistant Professor
- Dr. Muhammad Faheem Akbar

Lecturers
- Mr. Muhammad Talha Azeem
- Mr. Syed Rameez Hasan Rizvi
- Mr. Shahan Aziz
- Mr. Amjad Sultan
- Ms. Shugufta Sahar

Program Available
- M.Sc. in Agriculture & Agribusiness Management

For Further Enquiry
Telephone: 9926261300-6 Ext. 2546
Website: www.uok.edu.pk/faculties/agriculture
Email: shahzad@uok.edu.pk
Department of

Applied Physics

Introduction
The department of Applied Physics was established in 1971. The objective of the department is to enable the students to face challenges of the fast growing technology in the field of Electronics and semiconductors so that they can meet the growing technological needs of the industries in Pakistan in the area of applied physics.

The syllabus is updated to keep abreast with the latest developments in technology. It provides an in-depth understanding of the subject such as analog and digital electronics, industrial electronics, semiconductor devices, communications 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. These devices are used in industrial and medical applications. A comprehensive scheme of study and applications is provided for these subjects.

The laboratory training begins with circuits related to basic analog electronics, industrial electronics, leading to the development of a single board computer based on microcontroller. The students are also trained in programmable Logic Controllers (PLC) through the use of software and hardware simulators. Similarly, they are trained in the field of communications using communication training kits.

Career Opportunities
A variety of employment opportunities are available to the graduates of applied physics, ranging from public sector organizations to multinational and national industries and research organizations.

Facilities
The department has well-equipped laboratories to teach practical aspect of electronics. 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 helps train students in microwave and optical fiber communication systems. Students use software and hardware tools such as VHDL, electronic design automation to develop embedded systems. Computer-controlled (CNC), PCB prototyping machine, logic analyzer, spectrometer, and lock-in amplifiers, are available for research in the field of semiconductor.

Faculty Members
Assistant Professors
- Ms. Farida Farrukh (In Charge)
- Mr. Abid Hussain
- Mr. Arshad Hussain
- Dr. Zeeshan Alam Nayyar
- Mr. Zia-ur-Rehman

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

Program Available
- M.Sc. in Applied Physics with specialization in Electronics.

For Further Enquiry
Telephone: 99261300-6 Ext. 2258/2564
Website: www.uok.edu.pk/faculties/appliedphysics
Email: fafarrukh@uok.edu.pk
Department of Botany

Introduction
The department of Botany was established in 1953. The University at that time was located on Chand Bibi Road, near Civil Hospital Karachi. When the University moved to its present premises on 18th January 1960, the department of Botany was initially located in two barracks. The present building of the department of Botany with laboratories, lecture rooms and an auditorium was built in the late 1960s. The department offers over 70 different courses of studies at the undergraduate and post graduate levels to cater to the human resource requirements for teaching and research in the fields of education, agriculture, environmental NGO's, pharmaceutical and other industries. In the first and second year the students begin by taking Botany as a major subject together with two subsidiary subjects in other departments of the University. Starting with the diversity of plant life, an outline of the classification of plants, their identification, structure and function, it continues with genetic basis of variation and evolution of plants.

In the 3rd and 4th years, instead of 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 plant sciences offered by the department is helpful in getting jobs in agriculture based organizations, teaching in various colleges and universities and in environmental NGOs like WWF and IUCN.

Facilities
The department has well-equipped laboratories and a vast collection of books and research papers in the seminar library. It also provides facilities to students for research on topics related to different fields in plants sciences and mycology (including plant pathology). The Karachi University Herbarium in the department of Botany has a vast collection of more than 150,000 plant specimens collected from different regions of Pakistan, in addition to a large collection of specimens of algae and fungi.

Specific Research Areas
The department of Botany has developed a productive research and teaching group in plant sciences. Members of the faculty are working in many specialized fields of plant sciences and are endeavouring to enhance our knowledge of the plant world. Following are the specific research areas:
2. Plant Anatomy and plant Tissue Culture
3. Phycology and Marine Botany
4. Mycology, plant pathology and Fungal Biotechnology
5. Plant Physiology
6. Plant Ecology and Environmental pollution

Members of the teaching staff have completed more than 50 research projects with the support of national and international funding agencies. Currently several research projects are in progress. More than 2500 research papers have been published in journals of international repute by the teachers and researchers of the Department. The Pakistan Journal of Botany and International Journal of Biology and Biotechnology are also published from the Department of Botany, University of Karachi.

Faculty Members
Professors
- Dr. Surayya Khatoon
- Dr. Muhammad Javed Zaki
- Dr. Syed Ehtesham ul Haque (Chairman)
- Dr. Aliya Rehman
- Dr. Shahnaz Dawar
- Dr. Raiha Qadri
- Dr. Rubina Abid

Associate Professors
- Dr. Zamin Shaheed Siddiqui
- Dr. Sharf-un-Nahar

Assistant Professors
- Mrs. Rubina Iqbal
- Dr. Seemi Aziz
- Dr. M. Fahim Siddiqi
- Dr. Naeem Ahmed
- Dr. Mohammad Azeem
- Dr. Neelofar Hamid
- Dr. Sadaf Gul
- Dr. Laila Shahnaz
- Mrs. Anna Ahmed

Lecturer
- Ms. Maria Hamid

Program Available
- M.Sc. in Botany

For Further Enquiry
Telephone: 9926261300-6 Ext. 2288
Website: www.uok.edu.pk/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 his to be developed through a cocktail of physics and biology on one hand and engineering and applied sciences on the other. The Department of Chemistry, University of Karachi is well equipped for pursuing this goal having skilled and proficient faculty, well equipped laboratories and other infrastructure.

The Department of Chemistry is one of the oldest departments of University of Karachi. When the university was shifted to its present location, the department occupied one of the few newly constructed buildings and is still housed there for the last 58 years.

Career Opportunities
A person with a BS/Masters 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 the; 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 and Polymer Chemistry.

Facilities
There was several libraries in the University of Karachi, which hold chemistry books and related technical journals. These include Department of Chemistry’s own Seminar Library. This library has a stock of about 10,000 books and research journals on various fields of chemistry. The Department of Chemistry is equipped with many modern instruments for training of 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, center-fuges as well as a substantial stock of glassware and chemicals. A modern instrument 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 a internet available in almost every teachers room/research lab. Which is to the central facility through a fiber-optic link. Furthermore, the department also has a well equipped computer lab for 45 students.

Faculty Members
Professors
• Dr. Syed Azhar Ali (Chairman)
• Dr. Dilshad Waqar
• Dr. Majid Mumtaz
• Dr. Hajra Tahir
• Dr. Nasir Uddin Khan

Associate Professors
• Dr. Sumayya Saeed
• Dr. Itarat Anis
• Dr. Shaista Perveen

Assistant Professors
• Dr. Masooda Quadri
• Dr. Azhar Siddiqui
• Dr. Munawar Rashid
• Dr. Reifat Ara Jamal
• Dr. Zahida Kareem
• Dr. Humaira Bano
• Dr. Raheela Naz
• Dr. Summayya Masood
• Dr. Zahid Hussain
• Dr. Syed Tariq Ali

Assistant Professors
• Mr. Muti ur Rehman
• Dr. Shaikh Mohiuddin
• Dr. Rashida Perveen
• Dr. Shazia Nisar
• Dr. Imran Ali Hashmi
• Dr. Nasreen Fatima

Lecturers
• Ms. Hamida Sultan Muhammad
• Mr. Agha Arsalan Wasim
• Mr. M. Asad Khan Tanoli

Program Available
• M.Sc. in Chemistry

For Further Enquiry
Telephone: 99261300-6 Ext-2290
Website: www.chemuok.edu.pk
Email: chemistry@uok.edu.pk
Department of

Computer Science

Introduction
The department of Computer Science was established by a resolution of Academic Council in its meeting, held on November 27, 1984. The Department began functioning in the academic year 1985-86 by offering a two year degree program, Masters in Computer Science (MCS) and became one of the pioneering institutions imparting quality education of Computer Science and IT in Karachi.

The department soon realized the need to strengthen the discipline of Computer Science by producing quality professional with sound fundamental knowledge. For this purpose, the Department started a four year degree undergraduate BS program in the year 1996, and a two year postgraduate program MS (Computer Science) as well as Ph.D. (Computer Science).

In 2009, the department moved to a new building with latest equipment and modern infrastructure.

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 entrepreneur and running their own software houses.

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.

- Physical Laboratory
- Electronics Laboratory
- Networking Laboratory
- Software Engineering Laboratory
- AI & Soft computing Laboratory
- Database and information system Laboratory
- Graphics and Multimedia Laboratory
- General purpose 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
The department has produced seven Ph.Ds during the past few years and over 10 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 etc.

Faculty Members
Assistant Professors
- Mr. Badar Sami (In charge)
- Dr. Syed Jamal Husain
- Dr. M. Sadiq Ali Khan
- Mr. Muhammad Saeed
- Mr. S. M. Khalid Jamal
- Mr. Farhan Ahmed Siddiqui
- Mr. Nadeem Mahmood
- Dr. Tahseen Ahmed Jilani
- Mr. Hussain Saleem
- Dr. Tahseen Ahmed Jilani
- Mr. Syed Asim Ali
- Mr. Muhammad Saeed
- Mr. Hussain Saleem
- Mr. Syed Asim Ali
- Ms. Humera Tariq

Lecturers
- Ms. Erum Shahid
- Mr. Jameel Ahmed
- Ms. Shaista Rais
- Ms. Madiha Khurram Pasha
- Ms. Humaira
- Mr. Muhammad Sajid
- Mr. M. Naveed Anwar
- Mr. Taha Bin Niaz
- Mr. Syed M. Zain Abbas
- Ms. Maryam Feroz

Program Available
- Diploma in Computer and Information Sciences (PGDCIS)

For Further Enquiry
Telephone: 99261300-6 Ext. 2462/3462
Website: www.uok.edu.pk/dcs-ubit
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 discussed. 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 five Ph.D. scholars and hundreds of 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 the 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
- Climate change 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.

Faculty Members
Professors
- Dr. Tariq Masood Ali Khan (Director)
- Dr. Omm-e-Hani
- Dr. Moazzam Ali Khan (Registrar UOK)

Associate Professor
- Dr. Seema Jeelani

Assistant Professors
- Dr. Zafar Iqbal Shams • Ms. Suraiya Jabeen
- Dr. Waqar Ahmed

Lecturer
- Ms. Noor Fatima

Programs Available
- M.Sc. in Environmental Studies
- Diploma in Environmental Sciences (PGD)

For Further Enquiry
Telephone: 99261300-06, Ext-2305/2375 99261386 (Direct)
Website: www.uok.edu.pk/research_institutes/ies
Email: ies@uok.edu.pk
Department of Geography

Introduction
The department of Geography is one of the pioneer departments in the University of Karachi. It was established in 1952 under the chairmanship of Professor Dr. Manik B. Pithawala. Professor Schmieder, a leading German geographer also served as Chairman in the Department. The department of Geography has been providing teaching and research in various fields of geography for the last sixty years. The department was served by leading Pakistani geographers who were educated in USA, UK and Germany. The Department has an excellent academic history. It is the only department among all the universities of Pakistan which has hosted International Geography Union (IGU) Conference. The department celebrated its Diamond Jubilee in 2012. The Department has qualified academic staff.

Career Opportunities
Geography graduates with Master’s degree generally find useful employment in many major fields, i.e. education, environment, administration and private organizations. Development authorities and agencies throughout the country utilize their skills and expertise. Government departments, in particular, Survey of Pakistan, GSP, Statistical Bureau, Population Census, SUPARCO, SSGC, PTCL, Archeological Department, Meteorological Dept., Planning Commission and provincial departments of planning and development employ geographers for their special skills. Private consulting firms and Non-governmental Organizations (NGOs) also utilize the expertise of geographers.

Facilities
The department of Geography has well equipped Seminar Library, GIS and RS Lab., Physical Geography Lab., Cartographic Lab, Meteorological Observatory, Abdur Rauf Khan Museum, etc.

Specific Research Areas
- Regional Planning and Development
- Remote Sensing & GIS
- Transportation Geography
- Urban Geography
- Political Geography
- Agricultural Geography
- Population Geography
- Medical Geography
- Climatology
- Urban Ecology
- Environmental Geography
- Rural Geography etc.

Faculty Members
Professors
- Dr. Farkhunda Burke (Chairperson)
- Dr. Syed Jamil Hasan Kazmi
- Dr. Khalida Mahmood

Associate Professor
- Dr. Shamshad Akhtar

Assistant Professors
- Dr. Syed Shahid Ali
- Dr. Sheeba Afsar
- Dr. Saima Shaikh
- Dr. Salman Zubair
- Dr. Yasmeen Anis

Lecturers
- Mrs. Anila Kausar
- Ms. Lubna Ghazal

For Further Enquiry
Telephone: 99261300-6 Ext-2292
Website: www.uok.edu.pk/faculties/geography
Email: geography@uok.edu.pk
Department of Genetics

Introduction
The department of Genetics was established in 1969 at the University of Karachi. The department has highly qualified faculty members and takes great pride in maintaining an intellectual atmosphere in order to promote learning.

Career Opportunities
Graduates of the department have job opportunities in hospitals, universities and industries. Many of the former students are also serving various organizations in foreign countries.

Facilities
The department maintains an in-house seminar-library as well as computer clusters in the Bioinformatics Lab. In addition to the regular teaching laboratories, there are four research laboratories equipped with modern and latest apparatus for research students. Some in-house recreational facilities are also available for healthy activities of students.

Specific Research Areas
Various research projects have been completed successfully in the department and many others are in progress, including the ones on human genetics, plant genetics and microbial genetics. The Department also enjoys collaboration in research with many foreign and local universities including other departments of the University of Karachi. The outcome of the research has been published in various reputed international journals.

Faculty Members
Associate Professors
• Dr. Obaid Yusuf
• Dr. Maqsood Ali Ansari (Chairman)
• Dr. Uzma Badar
• Dr. Fouad Maqsood Qureshi

Assistant Professors
• Dr. Shakeel ur Rehman Farooqui
• Dr. Simeen Mansoor
• Dr. Erum Shoaib
• Dr. Nadia

Lecturers
• Ms. Ayesha Riaz
• Ms. Sarwat Afshan
• Ms. Shumaiza Anis

Program Available
• Diploma in Applied Genetics

For Further Enquiry
Telephone: 99261300-6 Ext. 2218
Website: www.uok.edu.pk/faculties/genetics
Email: genetics@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).

2-year Masters in the department was introduced in 2001. The department introduced 4-year B.S/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 Health, Physical Education & Sports Sciences has a broader scope for research in the field of Kinesiology; Exercise Physiology, Socioeconomic impact of Physical Education, Curriculum development and 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 Muhammad Asif
• Mr. Wasif Nisar

Programs Available
• M.Sc. in Health, Physical Education & Sports Sciences
• Diploma in Sports Administration and Management (PGD-SAM)

For Further Enquiry
Telephone: 99261300-6 Ext - 2263
Website: www.uok.edu.pk/faculties/healthphysical
Email: hps@uok.edu.pk
Department of Mathematical Sciences

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 and Anthromathematics have been introduced to highlight the application of Mathematics in different fields. The mission of the department is to bring life to Mathematics and Mathematics to life. Areas of Pure Mathematics, Applied Mathematics and Interdisciplinary Mathematics are being pursued in teaching and research. 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.

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, 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. Every year Department of Mathematics holds two conferences; Conference on Mathematical Sciences during the third week of March and Conference on Anthromathematics and Sport Mathematics during the first week of September.

Specific Research Areas
The Faculty is engaged in research in the following areas:
- Algebra
- Anthromathematics
- Astrodynamics
- Fluid Dynamics
- Mathematical Physics
- Numerical Analysis
- Operational Research
- Relativity and Gravitation

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. Rana Khalid Naeem
- Dr. Syed Arif Kamal (Chairman)
- Dr. Sarwar Jahan Abbasi
- Dr. Syed Anwar Ali Zaidi

Assistant Professors
- Mr. Mushtaq Ahmed
- Dr. Najeeb Alami Khan
- Mr. Waseem A. Khan
- Mr. Waseem A. Ansari
- Mr. Tanveer A. Siddiqui
- Dr. Muhammad Intiaz
- Dr. Asif Raza Khan
- Mr. Javed Ansari
- Dr. Syeda Sadia Zia
- Ms. Saba Naz
- Dr. Syed Inayatullah
- Dr. Khurram Kamran

Lecturers
- Mr. Shahid
- Mr. Muhammad Ayaz
- Mr. Asif Iqbal
- Ms. Asma Rani
- Ms. Hafsa Ather Jafree
- Ms. Hina Zaheer
- Ms. Noor Fatima Siddiqui

Programs Available
- M.A./M.Sc. in Mathematical Sciences
- MIBM (Masters in Industrial and Business Mathematics)

For Further Enquiry
Telephone: 99261300-6 Ext-2293/2279
Website: 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 the research experiment at below ambient temperature can be conducted.

**Computer Lab.**
The lab with internet facility is available to all students.

**Specific Research Areas**
Research scholars are working on exceptionally diverse area 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**
- Mr. Syed Muhammad Khalid
- Dr. Aqeel Ahmed *(Chairman)*
- Dr. Tasneem Adam Ali
- Dr. Shakeel Ahmed Khan
- Dr. Fasihuddin Ahmed Ansari

**Associate Professors**
- Ms. Nayyar Jahan
- Dr. Talit Yasmeen

**Assistant Professors**
- Ms. Nayyar Mehmood
- Dr. Tanveer Abbas
- Dr. Asma Saeed
- Dr. Abdul Wahab
- Dr. Asma Naeem
- Dr. Adnan Khan
- Dr. Muneeza Naz Baloch

**Lecturers**
- Ms. Anjum Zehra Naqvi
- Ms. Sadaf Jahangir
- Ms. Sadia Muhammad Saleemullah Khan
- Ms. Sana Ejaz
- Ms. Tasneem Akhter
- Ms. Amna Alam
- Ms. Wajeeha Binte Asad

**Program Available**
- M. Sc. in Microbiology

**For Further Enquiry**
Telephone: 99261300-6 Ext–2248/2463
Website: www.uok.edu.pk/faculties/microbiology
Department of  
Petroleum Technology

Introduction
Petroleum Technology masters program of 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 also started B.Sc.(H) 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 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 holds 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 Huges, Halliburton Ltd, Marathon Construction, Mari Gas, MOL Pakistan, Nuricon, OMV Pakistan etc. This will help in preparing prospective candidates for petroleum industry.

Department also organized technical lectures and seminars conducted by professionals to develop sound knowledge and skill in the students for their career building. Students also participate in students chapters of many learned societies such as SPE, PAPG, KUPTAA. Field works in the various industries/areas are conducted by the department for student’s practical training/knowledge.

Faculty Members
Lecturers
- Mr. Kashif Sadiq (In Charge)
- Mr. Syed Hasan Abbas Zaidi
- Mr. Syed Ghulфан Alam
- Mr. Atif Zafar

Programs Available
- M.Sc. in Petroleum Technology
- Diploma in Petroleum Technology (PGD)

For Further Enquiry
Telephone: 99261300-6 Ext-2418/2370
Website: www.uok.edu.pk/faculties/petroleumtechnology
Email: pt@uok.edu.pk
Department of Physics

Introduction
The department of Physics is one of the pioneer departments of the University of Karachi. Prof. Dr. Mujtaba Karim was the founder chairman of the department. Since its inception, the department of Physics is actively engaged in imparting quality education in the field of physics and is actively engaged in research activities.

Career Opportunities
There are ample opportunities for employment both in national and international research organizations. The names of few national organizations are: Pakistan Atomic Energy commission, PIEAS, KANUPP, PCSIR, SUPARCO, Pakistan Steel Mills etc. Beside these government organizations and institutes, our graduates also have good employment opportunities in private sector as well.

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
- Fully equipped Electronics Laboratory
- A well-equipped computer Laboratory
- A Liquid Nitrogen Plant
- Dr. Sheikh Ansar Hussain Seminar Library

Specific Research Areas
The department is engaged in a number of research areas such as:

- Spectroscopy of atoms and molecules
- Material Science
- Environmental Science
- Electronics
- Theoretical Physics
- Space Physics

Faculty Members
Professors
- Dr. Muhammad Altaf Hussain (Chairman)
- Dr. Tehseen Rahim
- Dr. Shahid Mehmood
- Dr. Shabana Rizvi

Associate Professor
- Mr. Naseeruddin

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

Lecturers
- Ms. Rabia Najam
- Mr. Asim Aiaz
- Mr. Haiz Muhammad Sohail
- Mr. Sheikh Muhammad Zeeshan Iqbal
- Ms. Sadaf Fatima
- Mr. Ommair Ishaque
- Mr. Waqar Ahmed
- Mr. Ibrahim Muhammad Babar
- Ms. Rizwana Siddiqi
- Mr. Kamran-ul-Haq
- Mr. Zuhoor Ilahi
- Mr. Imran Ahmed

Program Available
- M. Sc. in Physics (with specialization in Electronics and Communication)

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 Sciences, University of Karachi and occupies a very prominent place in the modern age of Biosciences, Clinical/Biomedical Sciences and other Applied Biological Sciences. Founded by Prof. Dr. M. H. Qazi, in 1964, the department of Physiology was the first department outside medical colleges to introduce teaching and research programs in basic and experimental physiology at the graduate and postgraduate levels. Currently, the department has 21 faculty members, 17 supporting staff members and more than 1000 students. Several renowned professors are the pioneer faculty members of the department and are presently serving on key posts in various organizations.

Career Opportunities
Physiology is the core of medical research being done all over the world. Dozens of foreign scholarships for advanced studies in Physiology. Physiologists are required in a number of places, like, pharmaceutical industry, health monitoring departments, biosynthetic industry, instrumentations in biomedical sciences, health related organizations, population welfare division, agriculture, livestock and poultry industry, diagnostic laboratories, occupational therapies, physiotherapy centers, nutritional/sports centers, radiological institutions, bio-technology, bioinformatics, bioengineering, synthetic biology, nursing, medical universities, hospitals, diagnostic laboratories, pharmaceutical industry, research and teaching institutions.

Facilities
The department has sufficient facilities necessary to run the academic and research activities. Below is the list of all the facilities:
- 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 Labs for laboratory experiments & demonstrations;
- Computer facilities are available in all special units for researchers. A separate computer laboratory with 12 computers is available for academic & research activities;
- Internship facilities for students in different organizations are available.

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, Hematology, Molecular Physiology & Biophysics, Molecular & Clinical Endocrinology and Reproduction and Poultry Physiology, which is being done in collaboration with K&Ns Poultry diagnostic & research Laboratory. Currently, more than 25 research scholars are registered in M. Phil./Ph.D. programs in various disciplines including clinicians from hospitals and medical universities.
- Blood disorders; Endocrine/Metabolic & Reproductive abnormalities, especially, Diabetes mellitus, Metabolic Syndrome, Infertility. PCOS changes; Breast Cancer: Reproductive Changes in marine models; Poultry Vaccinology, diseases and molecular studies of disease mechanism; Neuromuscular disorders; Oxidative stress.

Faculty Members
Professor
- Ms. Qamar Amin (Chairperson)
- Dr. Ruqaiya Hasan

Associate Professors
- Dr. Taseer A. Khan
- Ms. Habib Fatima

Assistant Professors
- Ms. Aisha Javed
- Mr. Zulfiqar Ahmed
- Ms. Lubna Naz
- Ms. Ghazala Yasmeen
- Ms. Ambreen Niazi

Lecturers
- Ms. Sumera Sohail
- Ms. Mehrun Nisa
- Mr. Faizan Mirza
- Mr. Muhammad Nisar

Program Available
- M.Sc. in Physiology

For Further Enquiry
Telephone: 99261300-6 Ext-2296
Website: www.uok.edu.pk/faculties/physiology
Email: physiology@uok.edu.pk
Institute of Space & Planetary Astrophysics

Introduction
Today we live in an era characterized by high-Q technology and microgravity science on the Earth managed by observations and experiments in Outer Space. Space technology is being used for dynamic traffic information, air traffic control, navigation, communication via satellite (GNSS), e-marketing monitoring, precision agriculture, planning & management of land use, mining, public safety & disaster management and plate tectonics. Thus Space technology acts as a catalyst in socio-economic uplift of a country.

Education and research in space science and technology is an integral part of the Institute of Space and Planetary Astrophysics (ISPA), University of Karachi. The main objective of the institute is to carry out basic and applied research in the fields of Space Science. Our all curricula are designed to support Pakistan's Space Vision 2040 program laid down by the present government, from its inception in 1994. ISPA has tried to produce quality research work in diversifies areas such as ozone depletion, climate variability, flood risk assessment, aerosol variability, early visibility of crescent moon and galactic astronomy. Currently we are also expanding our scope to fields like cosmology, astrophysical plasma, computational astrophysics, radio astronomy and other areas. I am pleased to mention that the most of the research is carried out with particular reference to indigenous problems. So far, ISPA has produced 10 Ph.Ds and 13 M. Phils. I am proud to communicate that University of Karachi has marveled as pioneers in Space Science studies and research in Pakistan.

Career Opportunities
Our graduates of M.Sc. in Space Science will have job opening in SUPARCO, NESCOM, National Institute of Oceanography, Civil Aviation Authority, PIA, Pakistan Meteorological Department, National Telecommunication Corporation, Pakistan Telecommunication Corporation Ltd., Sui Sothern Gas Company and Oil & Gas Development Ltd. etc.

Facilities
ISPA Observatory: The Observatory is equipped with a 6 inch Code Refractor telescope of German make with excellent photographic facilities. We have also one movable telescope.

- Computational Astronomy Lab: The computer lab is equipped with space science related software
- GIS Lab
- GPS Lab
- Digital Lab
- Seminar Library

Specific Research Areas
- Geo-Space Science (Atmospheric Sciences, Upper Atmospheres, etc.)
- Computational Astronomy / Astrophysics
- Space Flight Dynamics & Aerodynamics
- Global Navigation Satellite System (GNSS)
- Satellite Communication / Space Antennas
- Remote Sensing and GIS

Faculty Members
Professors
- Dr. Muhammad Jawed Iqbal (Director)
- Dr. Muhammad Shahid Qureshi

Associate Professor
- Dr. Mudassar Hassan Arsalan

Assistant Professors
- Mr. Mirza Jawwad Baig
- Dr. Naeem Sadiq

Lecturers
- Mr. Muhammad Anas Qureshi
- Mr. Syed Fayyaz Ur Rasheed
- Mr. M. Saleem Khan

Program Available
- M.Sc. (Space Science)

For Further Enquiry
Telephone: 99261300-6, Ext- 2443
Website: www.uok.edu.pk/research_institutes/ispa
Email: ispa@uok.edu.pk
Department of Statistics

Introduction
The department of Statistics 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 Organization (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 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
Professors
- Mr. Syed Afrozuddin Ahmed
- Dr. Mudassir Uddin

Associate Professors
- Mr. Muhammad Aslam (Chairman)
- Dr. Ehtesham Hussain

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

Lecturers
- Ms. Sara Azhar
- Ms. Rahat Bibi
- Ms. Tanzeela Yaqoob
- Ms. Zara Omar
- Ms. Saba Naz
- Mr. Tayyab Raza Fraz

Programs Available
- M.A./M.Sc. in Applied Statistics

For Further Enquiry
Telephone: 99261300-6 Ext-2298
Website: www.uok.edu.pk/faculties/statistics
Email: statistics@uok.edu.pk
## TABLE - I

### MASTERS PROGRAMS

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Program</th>
<th>No. of Seats</th>
<th>Required Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>ADMINISTRATIVE SCIENCE (MAS) (One Year After PGDPA)</td>
<td>120</td>
<td>Postgraduate Diploma in Public Administration (PGDPA)</td>
</tr>
<tr>
<td>2.</td>
<td>AGRICULTURE &amp; AGRIBUSINESS MANAGEMENT</td>
<td>50</td>
<td>BS Agriculture/B.Sc.(Hons.) Agriculture</td>
</tr>
</tbody>
</table>
| 3.    | APPLIED MATHEMATICS (Department of Mathematical Sciences) | 50 | i) B.A/B.Sc/B.Tech.(H)/B.E./BCS with Mathematics  
   ii) B.A/B.Sc. Pass with (Mathematics or Diploma in Mathematics)  
   iii) B.Com. with Diploma in Mathematics |
| 4.    | APPLIED PHYSICS (with specialization in Electronics) | 60 | i) B.Sc. with Physics and Mathematics  
   ii) B.E (Electronics/Electrical)  
   iii) B.Tech.(Hons.) Electronics/Electrical/Telecommunication |
| 5.    | APPLIED STATISTICS | 50 | i) B.A/B.Sc./B.Com./M.B.B.S/B.E./BBA  
   ii) Graduation in any discipline |
| 6.    | B-Ed. (Special Education) | 100 | B.A/B.Sc./B.Com. |
| 7.    | B-Ed. (Teacher Education) (2 year program after ADE) | 50 | ADE (Associate Degree in Education) |
| 8.    | BOTANY | 50 | B.Sc. with Botany |
| 9.    | CHEMISTRY | 100 | B.Sc. with Chemistry |
| 10.   | COMMERCE (General) | 120 | B.Com with at least 50% marks |
| 11.   | COMMERCE (Insurance) | 60 | Graduation |
| 12.   | CRIMINOLOGY | 75 | Graduation/LLB or Equivalent Degree |
| 13.   | ECONOMICS | 75 | i) B.A/B.Com with Economics  
   ii) B.Sc. with Math / Physics or Statistics (at least one subject) |
| 14.   | ECONOMICS & FINANCE | 175 | Graduation |
| 15.   | EDUCATION | 50 | 30 for B.A. with Education  
   20 for Graduation |
<table>
<thead>
<tr>
<th>S.No.</th>
<th>Program</th>
<th>No. of Seats</th>
<th>Required Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.</td>
<td>ENGLISH</td>
<td>70</td>
<td>i) Graduation (B.A/ B.Sc./B.Com) with at least 45% marks in Elective, Advance English&lt;br&gt; ii) Graduation (B-A/ B.Sc./B.Com) with at least 55% marks in English compulsory</td>
</tr>
<tr>
<td>17.</td>
<td>ENGLISH Linguistics/Literature (One year)</td>
<td>50</td>
<td>M.A. English (Literature/ Linguistics.)</td>
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<tr>
<td>18.</td>
<td>ENVIRONMENTAL STUDIES</td>
<td>50</td>
<td>B.Sc./B.Pharm./Pharm-D/B.E./ M.B.B.S/ B.Sc. (Nursing) or any relevant science degree</td>
</tr>
<tr>
<td>19.</td>
<td>HEALTH, PHYSICAL EDUCATION &amp; SPORTS SCIENCES</td>
<td>60</td>
<td>i) Bachelor in Physical Education(B.P.Ed.)&lt;br&gt; ii) B.A. / B.Sc. (With Physical Education as subject)&lt;br&gt; iii) M.B.B.S. / B.S.P.T. (B.Sc. in Medical Technology/B-Pharm)&lt;br&gt; iv) B.A./B.Sc./B.Com. and participated in any game at college.&lt;br&gt; v) Graduation in any discipline</td>
</tr>
<tr>
<td>20.</td>
<td>HUMAN RESOURCE MANAGEMENT</td>
<td>50</td>
<td>Bachelor's degree in any discipline with at least 50% marks.&lt;br&gt; <strong>10 seats are reserved for professionals</strong></td>
</tr>
<tr>
<td>21.</td>
<td>INTERNATIONAL RELATIONS</td>
<td>70</td>
<td>Graduation</td>
</tr>
<tr>
<td>22.</td>
<td>ISLAMIC LEARNING</td>
<td>50</td>
<td>i) B.A.(with Islamic Studies or Arabic Optional) / L.L.B.&lt;br&gt; ii) Shahad-Tul-Aliya</td>
</tr>
<tr>
<td>23.</td>
<td>INSTITUTE OF SPACE &amp; PLANETARY ASTROPHYSICS</td>
<td>50</td>
<td>i) B.Sc. (Pass) with Physics &amp; Mathematics or Equivalent&lt;br&gt; ii) BS (2nd Year) with Physics &amp; Mathematics or Equivalent&lt;br&gt; iii) B.E. or Equivalent</td>
</tr>
<tr>
<td></td>
<td>(ISPA) (M.Sc. Space Science)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24.</td>
<td>M-PHARM. (Pharmaceutics)</td>
<td>35</td>
<td>B.Pharm. / Pharm-D</td>
</tr>
<tr>
<td>25.</td>
<td>M-PHARM. (Pharmacology)</td>
<td>35</td>
<td>B.Pharm. / Pharm-D</td>
</tr>
<tr>
<td>26.</td>
<td>M-PHARM. (Pharmacognosy)</td>
<td>50</td>
<td>B.Pharm. / Pharm-D</td>
</tr>
<tr>
<td>S.No.</td>
<td>Program</td>
<td>No. of Seats</td>
<td>Required Eligibility</td>
</tr>
<tr>
<td>-------</td>
<td>---------</td>
<td>--------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>27.</td>
<td>MASS COMMUNICATION</td>
<td>50</td>
<td>Graduation</td>
</tr>
</tbody>
</table>
ii) B.A/B.Sc Pass with (Mathematics or Diploma in Mathematics)  
iii) B.Com. with Diploma in Mathematics |
| 29.   | MBA (BANKING)  
**Note:**  
(Admission will be granted on the basis of Aptitude Test)  
Minimum qualifying marks in the Test is 50%  
Weightage for preparation of Merit List is:  
Academic Record = 50%  
Aptitude Test = 50% | 40 | Graduation in any discipline with at least 50% marks  
**10 Seats are reserved for Bankers with required qualification** |
| 30.   | MICROBIOLOGY | 35 | i) B.Sc. with Microbiology  
ii) MBBS/BDS/B.Sc. in Life Sciences discipline with Microbiology Certificate Course. |
| 31.   | PETROLEUM TECHNOLOGY | 60 | i) B.Sc. with Mathematics  
ii) B.E.  
iii) B.Tech.(Hons) in (Petroleum / Chemical) |
| 32.   | PHYSICS (with specialization in Electronics and Communication) | 40 | B.Sc. (with Physics) or Equivalent |
| 33.   | PHYSIOLOGY | 50 | B.Sc. Biology group (with Microbiology / Biochemistry/Botany/Zoology/Chemistry)  
M.B.B.S/ D.V.M/B.Sc.(Physiotherapy) |
| 34.   | POPULATION SCIENCES (Department of Sociology) | 50 | Graduation |
| 35.   | PSYCHOLOGY | 50 | i) 35 seats for Graduation with Psychology  
ii) 15 seats for Graduation without Psychology |
<p>| 36.   | PUBLIC ADMINISTRATION | 60 | Graduation |
| 37.   | PUBLIC POLICY (Department of Political Science) | 75 | Graduation |</p>
<table>
<thead>
<tr>
<th>S.No.</th>
<th>Program</th>
<th>No. of Seats</th>
<th>Required Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>38.</td>
<td>POLITICAL SCIENCE</td>
<td>40</td>
<td>B.A. with Political Science</td>
</tr>
</tbody>
</table>
| 39.   | QUR’AN AND SUNNAH                              | 80           | i) B.A.(with Islamic Studies or Arabic Optional) / L.L.B.  
              ii) Shahad-Tul-Aliya               |
| 40.   | SOCIOLGY                                       | 75           | Graduation                                     |
| 41.   | TRANSPORT MANAGEMENT (Department of Economics) | 75           | Graduation                                     |
| 42.   | WOMEN’S & GENDER STUDIES                      | 50           | Graduation                                     |

**M.S. (Masters of Studies) PROGRAM**

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Program</th>
<th>No. of Seats</th>
<th>Required Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>REMOTE SENSING &amp; GEOGRAPHICAL INFORMATION SYSTEMS (RS/GIS)</td>
<td>20</td>
<td>M.Sc./M.A. in Geography, Four (4) years BS in Geography, BS Remote Sensing and GIS or minimum 16 years of education (HEC) Recognized Institutes / Universities</td>
</tr>
<tr>
<td></td>
<td>Note:</td>
<td>15</td>
<td>M.Sc./M.A. with Allied Sciences *</td>
</tr>
</tbody>
</table>

  (Admission will be granted on the basis of Aptitude Test)  
  Minimum qualifying marks in the Test is 50%  
  Weightage for preparation of Merit List is:  
  **Academic Record** = 50%  
  **Aptitude Test** = 50%  

  * These candidates are required to complete the deficiency courses (The students have to pay Rs.6,000/= per course. The total number of deficiency courses are 03)
# TABLE - II

## DIPLOMA PROGRAMS

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Program</th>
<th>No. of Seats</th>
<th>Required Eligibility</th>
</tr>
</thead>
</table>
| 1.    | APPLIED GENETICS  
**Note:**  
(Admission will be granted on the basis of Aptitude Test)  
Minimum qualifying marks in the Test is 50%  
Weightage for preparation of Merit List is:  
Academic Record = 50%  
Aptitude Test = 50% | 35 | Minimum Sixteen years of education with biological sciences including Medical / Dental / Physiotherapy/ Agriculture / Medical Technology / Psychology/Pharmaceutical / Veterinary Sciences. |
| 2.    | AUDIOLOGY AND SPEECH PATHOLOGY (PGD Special Education, leading to Masters) | 50 | B.A., B.Sc. & B.Com. |
| 3.    | COMPUTER & INFORMATION SCIENCES (PGDCIS) | 50 | B.A., B.Sc. & B.Com. or Equivalent |
| 4.    | CONTEMPORARY ARABIC | 50 | Certificate in Arabic Language |
| 5.    | CRIMINOLOGY | 50 | Graduation / LLB |
| 6.    | ECONOMICS & FINANCE (PGD) | 50 | Graduation |
| 7.    | ENVIRONMENTAL STUDIES | 80 | B.Sc. / B. Pharm./Pharm-D / B.E. / M.B.B.S. or other relevant science degree |
| 8.    | FUNCTIONAL ARABIC (PGD) | 50 | Graduation with Arabic / Diploma in Arabic / Al-Shahadat ul Aliya |
| 9.    | HUMAN RESOURCE MANAGEMENT (PGDHRM) | 50 | Graduation |
| 10.   | INCLUSIVE EDUCATION(PGD) | 100 | B.A., B.Sc. & B.Com. |
| 11.   | INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY  
(i) Masters degree in Psychology  
(ii) Professional degree | 50 | |
<p>| 12.   | INVESTIGATIVE PSYCHOLOGY | 50 | Graduation |
| 13.   | PERSIAN | 50 | Intermediate with Certificate in Persian from Karachi University |
| 14.   | PETROLEUM TECHNOLOGY (PGD) | 40 | B.Sc. Pre Engineering, B.E./ B.Tech.(H) |</p>
<table>
<thead>
<tr>
<th>S.No.</th>
<th>Program</th>
<th>No. of Seats</th>
<th>Required Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.</td>
<td>PUBLIC ADMINISTRATION (PGDPA) (leading to MAS)</td>
<td>120</td>
<td>Graduation, M.B.B.S., L.L.B., B.E. or Equivalent</td>
</tr>
<tr>
<td>16.</td>
<td>PUBLIC ADMINISTRATION AND PUBLIC POLICY ANALYSIS (PGDPA&amp;PPA)</td>
<td>60</td>
<td>Graduation</td>
</tr>
<tr>
<td>17.</td>
<td>PUBLIC POLICY (Leading to M.A. in Public Policy) (Department of Political Science)</td>
<td>50</td>
<td>Graduation</td>
</tr>
<tr>
<td>18.</td>
<td>QURANIC ARABIC LANGUAGE</td>
<td>50</td>
<td>Certificate in Arabic Language</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ii) BS/D.P.T./M.Sc. in Physiotherapy</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>iii) M.B.B.S./Pharm-D/M.P.A./MBA/ M.Com</td>
</tr>
<tr>
<td>20.</td>
<td>SPECIAL EDUCATION (PGD) (leading to Masters)</td>
<td>50</td>
<td>B.A.,B.Sc.,B.Com.</td>
</tr>
<tr>
<td>21.</td>
<td>SUPPLY CHAIN MANAGEMENT (PGD) (leading to Masters)</td>
<td>50</td>
<td>Graduation</td>
</tr>
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</table>
**TABLE -III**  
**FEE STRUCTURE**

<table>
<thead>
<tr>
<th>Admissions Fee</th>
<th>Rs. 2,000/-</th>
</tr>
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<tbody>
<tr>
<td>Enrolment Fee</td>
<td>Rs. 1,000/-</td>
</tr>
<tr>
<td>Development Fee</td>
<td>Rs. 2,000/-</td>
</tr>
<tr>
<td>Caution Money (Refundable)</td>
<td>Rs. 1,000/-</td>
</tr>
<tr>
<td><strong>TOTAL AMOUNT</strong></td>
<td>Rs. 6,000/-</td>
</tr>
</tbody>
</table>

**Tuition Fee (At the Beginning of Every Semester)**  
**Masters Programs**

<table>
<thead>
<tr>
<th>S.#</th>
<th>Program</th>
<th>Tuition Fee</th>
<th>Admission Fee</th>
<th>Total Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Administrative Sciences (MAS)</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>2</td>
<td>Agriculture &amp; Agribusiness Management</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>3</td>
<td>Applied Mathematics</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>4</td>
<td>Applied Physics</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>5</td>
<td>Applied Statistics</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>6</td>
<td>B-Ed. in Special Education</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>7</td>
<td>B-Ed. in Teacher Education</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>8</td>
<td>Botany</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>9</td>
<td>Chemistry</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>10</td>
<td>Commerce (M.Com General / Insurance)</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
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<tr>
<td>11</td>
<td>Criminology</td>
<td>25000</td>
<td>6000</td>
<td>Rs.31,000/=</td>
</tr>
<tr>
<td>12</td>
<td>Economics &amp; Finance</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>13</td>
<td>Economics</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
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<td>14</td>
<td>Education</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>15</td>
<td>English (Linguistics / Literature)</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>16</td>
<td>English</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>17</td>
<td>Environmental Studies</td>
<td>27000</td>
<td>6000</td>
<td>Rs.33,000/=</td>
</tr>
<tr>
<td>18</td>
<td>Health, Physical Education &amp; Sports Sciences</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
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<tr>
<td>19</td>
<td>Human Resource Management</td>
<td>27000</td>
<td>6000</td>
<td>Rs.33,000/=</td>
</tr>
<tr>
<td>20</td>
<td>International Relations</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>21</td>
<td>Islamic Learning</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>22</td>
<td>M. Pharm.(Pharmaceutics / Pharmacology / Pharmacognosy)</td>
<td>45000</td>
<td>6000</td>
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<td>23</td>
<td>Mass Communication</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
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<tr>
<td>24</td>
<td>M.I.B.M</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>25</td>
<td>MBA (Banking)</td>
<td>35000</td>
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<td>26</td>
<td>Microbiology</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>27</td>
<td>Petroleum Technology</td>
<td>27000</td>
<td>6000</td>
<td>Rs.33,000/=</td>
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<td>28</td>
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<tr>
<td>29</td>
<td>Physiology</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>30</td>
<td>Population Science</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
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<td>31</td>
<td>Political Science</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
<tr>
<td>S.#</td>
<td>Program</td>
<td>Tution Fee</td>
<td>Admission Fee</td>
<td>Total Fee</td>
</tr>
<tr>
<td>-----</td>
<td>------------------------------------------------------------------------</td>
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<td>---------------</td>
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<tr>
<td>32</td>
<td>Psychology</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
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<tr>
<td>33</td>
<td>Public Administration (MPA)</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>34</td>
<td>Public Policy (Department of Political Science)</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
</tr>
<tr>
<td>35</td>
<td>Remote Sensing &amp; Geographical Information Systems (GIS) Geography (MS Program)</td>
<td>30000</td>
<td>6000</td>
<td>Rs.36,000/=</td>
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<tr>
<td>36</td>
<td>Quran-o-Sunnah</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
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<td>37</td>
<td>Sociology</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
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<tr>
<td>38</td>
<td>Space Science (ISPA)</td>
<td>22000</td>
<td>6000</td>
<td>Rs.28,000/=</td>
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<tr>
<td>39</td>
<td>Transport Management (MTM)</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
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<tr>
<td>40</td>
<td>Women’s &amp; Gender Studies</td>
<td>18000</td>
<td>6000</td>
<td>Rs.24,000/=</td>
</tr>
</tbody>
</table>

**Diploma Programs**

<table>
<thead>
<tr>
<th>S.#</th>
<th>Program</th>
<th>Tution Fee</th>
<th>Admission Fee</th>
<th>Total Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Applied Genetics</td>
<td>20000</td>
<td>6000</td>
<td>Rs.26,000/=</td>
</tr>
<tr>
<td>2</td>
<td>Audiology &amp; Speech Pathology (Special Education)</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
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<tr>
<td>3</td>
<td>Computer Science</td>
<td>21000</td>
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<td>Rs.27,000/=</td>
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<td>4</td>
<td>Contemporary Arabic</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>5</td>
<td>Criminology (Department of Sociology)</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>6</td>
<td>Economics &amp; Finance</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
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<tr>
<td>7</td>
<td>Environmental Studies</td>
<td>17000</td>
<td>6000</td>
<td>Rs.23,000/=</td>
</tr>
<tr>
<td>8</td>
<td>Human Resource Management (PGDHRM)</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>9</td>
<td>Inclusive Education</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>10</td>
<td>Industrial &amp; Organizational Psychology</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
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<td>11</td>
<td>Investigative Psychology</td>
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<td>6000</td>
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<tr>
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<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
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<tr>
<td>13</td>
<td>Persian</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>14</td>
<td>Petroleum Technology</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>15</td>
<td>Public Administration (PGDPA)</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>16</td>
<td>Public Administration &amp; Public Policy Analysis (PGDPA &amp; PPA)</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>17</td>
<td>Public Policy (Department of Political Science)</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
</tr>
<tr>
<td>18</td>
<td>Qur’anic Arabic Language</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
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<tr>
<td>19</td>
<td>Sports Administration and Management (PGD-SAM)</td>
<td>20000</td>
<td>6000</td>
<td>Rs.26,000/=</td>
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<td>20</td>
<td>Special Education</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
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<tr>
<td>21</td>
<td>Supply Chain Management</td>
<td>16000</td>
<td>6000</td>
<td>Rs.22,000/=</td>
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**FEE STRUCTURE FOR INTERNATIONAL STUDENTS**

At the Masters/Diploma level, International Students are required to Pay Rs.2,00,000/- per academic year & Examination Fee Rs.200/- Per Course.

**IMPORTANT NOTE FOR ALL CANDIDATES**

1. Fee shall be deposited in the form of “PAY ORDER” drawn in favor of “THE UNIVERSITY OF KARACHI” as per schedule.
2. Fee once deposited is non-refundable under any circumstances.
3. There is no provision for fee concession, installments or scholarships.
4. Examination Fee for all students will charged @ Rs.200/= per course
TABLE - IV

SAMPLE TEST PAPER

General Instructions:-

1. The test is divided into several parts. Each part is composed of objective (multiple choices) questions.
2. Possible answers are given in the form of (A), (B), (C) or (D). You are expected to write the alphabet of the correct answer (only one alphabet) on your Answer Sheet. An example is given below:

   (A)          (B)          (C)          (D)

PART-I (ENGLISH VOCABULARY)
Mention the correct meaning (in the sentence):

1. Sporadic
   A) Intermittently    B) Permanent    C) Periodical    D) Special Nature

2. Licit
   A) Large           B) Lazy          C) Lawful          D) Literary

3. Lack Luster
   A) Backward        B) Lucky         C) Unimpressive     D) Wealthy Lot

PART-II (ENGLISH - Sentence Formation)
For each of the following, choose the most suitable answer:

1. Philippines is a Unique Asian Country; because __________
   A) Former President Marcos and his wife Imanda were thrown out because they had lot of wealth from illegal means and corruption.
   B) They had to live in exile in Hawaii. A part of their wealth was recovered from Swiss Bank.
   C) Its population is by and large Christian, except some places in South, where Muslim population is in majority.
   D) It was a colony of America for 50 years.

PART-III (ENGLISH-Comprehension and Memory)

Read the following passage carefully, and then answer the questions given below:
Aeroplanes are slowly driving me mad. I live near an airport, and sound of passing planes can be heard night and day. The airport was built during the war, but for some reason it could not be used then. Last year, however, it came into use. Over a hundred people must have been driven envoy from their homes by the noise. I am one of the few people left in the locality. Sometimes I think this house will be knocked down by a passing plane. I have been offered a large sum of money to go away, but I am determined to stay here. Everybody says I must be mad, and they are probably right.

1. The Writer is:
   A) Very disturbed       B) Going mad       C) Very happy       D) Scared
PART-IV (General Mathematics - Sequence and Series)
This part of the test requires you to study a series of number. Understand the pattern, and identify the next number in the series:

1. 3 5 9 15 23 33 ?
   A) 30  B) 43  C) 45  D) 55

1. 2 8 18 32 ?
   A) 38  B) 48  C) 50  D) 64

PART-V (General Mathematics - Word Problems)
This part of the test consists of 15 word problems such as those shown in the examples below:

1. Men's white handkerchief costs 2.29 for 3. The cost per dozen is:
   A) 6.87  B) 9.16  C) 13.74  D) 27.48

2. A piece of wood weighing 10 ounces is found to have a weight of 8 ounces after drying. The moisture content was:
   A) 10%  B) 20%  C) 80%  D) 33.33%

PART-VI (General Mathematics - Simple Arithmetic)

1. 1.5 - 1.82 + 0.32
   A) 0.00  B) 0.01  C) 0.10  D) 0.32

2. 3/48 is what part of 1/12
   A) 1/2  B) 3/4  C) 4/3  D) 12

PART-VII (General Knowledge)

1. Rauf Denktash is a Muslim Leader of:
   A) Albania  B) Bosnia  C) Cyprus  D) Turkey

2. Talia Yasin Remadan was a former:
   A) Foreign Minister of Egypt  B) Foreign Minister of Syria
   C) Secretary General of Arab League  D) Vice President of Iraq

3. Mr. Edward H. Seed, who died recently, was originally from:
   A) Iraq  B) Lebanon  C) Palestine  D) Syria

Rules for MBA

1. Minimum qualifying marks in the Aptitude Test are 50%.
2. Merit list of candidates qualifying in the Aptitude Test will be prepared for final selection as per following weightage:

   
   Pre-requisite (Graduation) Academic Record = 50%
   Aptitude Test = 50%
TABLE – V

Closing percentages by category and eligibility for Masters / Diploma
Admissions 2014-15

MASTERS PROGRAMS

<table>
<thead>
<tr>
<th>S. No.</th>
<th>DEPARTMENT</th>
<th>DEPTT. CODE</th>
<th>CATEGORY MERIT</th>
<th>OTHER UNIVERSITIES</th>
<th>CATEGORY OTHER UNIVERSITIES</th>
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<tr>
<td></td>
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<td>&quot;K&quot;</td>
<td>&quot;S&quot;</td>
<td>&quot;P&quot;</td>
</tr>
<tr>
<td>1.</td>
<td>ADMINISTRATIVE SCIENCES (ONE YEAR PROGRAM AFTER PGDPA)</td>
<td>MAS</td>
<td>45.00</td>
<td>45.00</td>
<td>45.00</td>
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<td>2.</td>
<td>APPLIED PHYSICS (WITH SPECIALIZATION IN ELECTRONICS)</td>
<td>APH</td>
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<td>47.76</td>
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<td>3.</td>
<td>APPLIED STATISTICS</td>
<td>AST</td>
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<td>4.</td>
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<td>5.</td>
<td>COMMERCE (GENERAL)</td>
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<td>50.09</td>
<td>56.15</td>
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<td>6.</td>
<td>CRIMINOLOGY</td>
<td>CRI</td>
<td>45.08</td>
<td>50.60</td>
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<td>7.</td>
<td>ECONOMICS</td>
<td>ECO</td>
<td>45.09</td>
<td>55.19</td>
<td>45.00</td>
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<td>8.</td>
<td>ECONOMICS &amp; FINANCE</td>
<td>MEF</td>
<td>45.20</td>
<td>48.09</td>
<td>46.16</td>
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<td>9.</td>
<td>EDUCATION</td>
<td>EDU</td>
<td>45.30</td>
<td>48.36</td>
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<td>10.</td>
<td>ENGLISH</td>
<td>ENG</td>
<td>47.29</td>
<td>50.50</td>
<td>48.60</td>
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<td>11.</td>
<td>ENGLISH LINGUISTICS /LITERATURE (ONE YEAR PROGRAM)</td>
<td>ENL</td>
<td>50.00</td>
<td>45.30</td>
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<td>12.</td>
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<td>13.</td>
<td>HEALTH, PHYSICAL EDUCATION &amp; SPORTS SCIENCES</td>
<td>HPE</td>
<td>48.10</td>
<td>53.70</td>
<td>48.55</td>
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<td>14.</td>
<td>HUMAN RESOURCE MANAGEMENT</td>
<td>HRM</td>
<td>51.18</td>
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<td>15.</td>
<td>INTERNATIONAL RELATIONS</td>
<td>IRL</td>
<td>45.27</td>
<td>45.60</td>
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<td>16.</td>
<td>MASS COMMUNICATION</td>
<td>MCD</td>
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<td>17.</td>
<td>MICROBIOLOGY</td>
<td>MBI</td>
<td>53.00</td>
<td>53.31</td>
<td>52.75</td>
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<td>18.</td>
<td>PETROLEUM TECHNOLOGY</td>
<td>PET</td>
<td>61.38</td>
<td>57.89</td>
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<td>19.</td>
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<td>45.91</td>
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<td>20.</td>
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<td>21.</td>
<td>PUBLIC POLICY</td>
<td>PPL</td>
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<td>49.27</td>
<td>45.25</td>
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<td>22.</td>
<td>WOMEN’S &amp; GENDER STUDIES</td>
<td>WST</td>
<td>45.13</td>
<td>50.36</td>
<td>46.50</td>
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DIPLOMA PROGRAMS

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<th>S. No.</th>
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<td>&quot;K&quot;</td>
<td>&quot;S&quot;</td>
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<tr>
<td>1.</td>
<td>AUDIOLOGY &amp; SPEECH PATHOLOGY (PGD)</td>
<td>DSP</td>
<td>45.30</td>
<td>54.89</td>
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<td>2.</td>
<td>COMPUTER SCIENCE (PGDCIS)</td>
<td>DCS</td>
<td>45.29</td>
<td>45.50</td>
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<td>3.</td>
<td>HUMAN RESOURCE MANAGEMENT (PGDHRM)</td>
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<td>4.</td>
<td>PUBLIC ADMINISTRATION (PGD, LEADING TO MAS)</td>
<td>DPA</td>
<td>46.00</td>
<td>48.38</td>
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APPTITUDE TEST BASED DEPARTMENT

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<th>S. No.</th>
<th>DEPARTMENT</th>
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<tr>
<td></td>
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<td>Final %</td>
<td>Final %</td>
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<tr>
<td>1.</td>
<td>MBA (BANKING) (PREREQUISITE EXAM. 50% + ENTRANCE TEST 50%)</td>
<td>50.32</td>
<td>58.67</td>
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Note: The above last year closing percentages are given only for guidance and are not applicable to admission for 2015-16.
# ACADEMIC CALENDAR

## FIRST SEMESTER - 2015

<table>
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<th>Dates</th>
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<tr>
<td><strong>Teaching</strong></td>
<td>August 13&lt;sup&gt;th&lt;/sup&gt; 2015 to November 30&lt;sup&gt;th&lt;/sup&gt; 2015</td>
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<tr>
<td><strong>Semester Examinations</strong></td>
<td>December 1&lt;sup&gt;st&lt;/sup&gt; 2015 to December 24&lt;sup&gt;th&lt;/sup&gt; 2015</td>
</tr>
<tr>
<td><strong>Semester Break</strong></td>
<td>December 26&lt;sup&gt;th&lt;/sup&gt; 2015 to December 31&lt;sup&gt;st&lt;/sup&gt; 2015</td>
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## SECOND SEMESTER - 2016

<table>
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<td><strong>Teaching</strong></td>
<td>January 1&lt;sup&gt;st&lt;/sup&gt; 2016 to April 29&lt;sup&gt;th&lt;/sup&gt; 2016</td>
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<tr>
<td><strong>Semester Examinations</strong></td>
<td>May 4&lt;sup&gt;th&lt;/sup&gt; 2016 to May 20&lt;sup&gt;th&lt;/sup&gt; 2016</td>
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<td><strong>Semester Break</strong></td>
<td>June 1&lt;sup&gt;st&lt;/sup&gt; 2016 to June 30&lt;sup&gt;th&lt;/sup&gt; 2016</td>
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**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.