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UNIVERSITY OFFICIALS

ADMISSION SCHEDULE

University of Karachi

THE JOURNEY BEGINS HERE >

The University

University of Karachi emerged as a profound national institution imparting quality education at the higher level. When the Karachi University act was passed in 1950, it was established through parliament as a Federal University in 1951. Later, in 1962 its status was redefined as a University of the province of sindh.

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

Today, University of Karachi is enjoying the status of a thriving and challenging academic community, dedicated to excellence at all levels of higher education and research. This premier institution has emerged as a dynamic place which keeps pace with academic advances and changes in the real world.

A number of scientists and scholars affiliated with the University are working in important positions both within and outside Pakistan. They have been acclaimed as active yet dedicated members of society who are striving to bring positive change and development in the intellectual mind set of the people of Pakistan.

Considering the increasing number of applicants every year, the University initiated its *Evening Program* a few years ago at BS and Masters Level. An independent Directorate of Evening Program has been set up to deal with the matters pertaining to it, including admissions, academics and administration. At present, Karachi University offers BS, BA/B.Com/B.Sc/BBA/BPA (Honors) and Masters Program in six disciplines, which include, Faculty of Arts, Science, Pharmacy, Islamic Studies, Administrative & Management Sciences and Engineering.

Being an affiliating and examining body, Karachi University has granted affiliation to almost 145 colleges and institutions. It conducts examinations of about 150,000 students studying in these colleges/institutes, prepare their results and award degrees.

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The Karachi University Degree



The value of a Karachi University degree is acknowledged throughout the world, an evidence of which is the inclusion of Karachi University in the list of *Top Universities of the World*, for the third consecutive year. The ranking was carried out by world's most prominent ranking agency *Times Higher Education* and *Quacquarelli Symonds (THE QS)*, UK. University of Karachi was ranked among the **Top 400** institutions of the world in the subjects of Arts & Humanities, Social Science and Life Science. Moreover, it has been ranked **223rd** in the area of Natural Science in 2010.

To further strengthen the standards of education & research, the University has established a quality enhancement cell in the main administration block of the University. The main objective of the Cell is to introduce self-assessment program with a view to ensure quality education and research in all disciplines offered at the University.

As per recommendation of Higher Education Commission, University of Karachi introduced a four year BS program in 2007 and abolished its BA/BSc/B.Com (Honors) program. However, in a recent meeting, the Academic Council, thus, decided to re-



introduce both the programs concurrently. This year, admissions are offered to the following degree programmes simultaneously: BS four-year (eight semesters); BSc, BA, BCom three-year (Honors) (six semesters); and MA, MSc, and MCom two-year (four semesters).

The alumni list of Karachi University contains well-known names such as Prof. Dr. Atta-ur-Rehman, Dr. Abdul Qadeer Khan, etc. The fact makes the University feel proud that these eminent figures are known for their services rendered to the promotion of higher learning and research.

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

THE EVENING PROGRAM

PICTURE OF ANY BUILDING CONSTRUCTED FROM THE FUNDS OF EVENING PROGRAM SHOULD COME IN THE BACKGROUND AS WATERMARK.

Keeping in view the growing demand of learning opportunities, University of Karachi initiated its Evening Program in _____. This program was specifically designed for those knowledge seekers who like to continue education along with their professional lives. Later, its facilities and academic and research output attracted other students as well.

The evening program is based on a self-finance basis and offers Masters / BS Program in various disciplines of Science, Arts, Pharmacy and Management & Administrative Sciences. In its beginning phase, the program was initiated in a few departments of the University but later many other departments extended their facilities for the well being of Pakistani youth and they now offer BS and Masters Program in their departments as well. Some newly introduced subjects include B.Ed., Masters in Administrative Sciences, Human Resource Management, Population Sciences and postgraduate diploma courses in Child Psychology etc.

It is note worthy that, under the able guidance and leadership of the Vice Chancellor, Prof. Dr. Pirzada Qasim Raza Siddiqui; the graduates of the Evening program were awarded degrees in the recent annual convocation 2009. This way the students of the evening program stand in line with their morning fellows in terms of award of degrees as well. All the study courses conducted in the Evening program are same as that of the morning program. The courses are mostly taught by the same faculty members who teach the students of morning program.

The timings of the program have been scheduled from 3:30 p.m. In departments where laboratory experiments are involved, it usually commences at 3:30 p.m. While in others, teaching schedule is decided by the department's management as per 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 intend to improve their academic qualifications, for enhancing their learning and career prospects.

The admission process begins by the end of the year through newspaper announcements and classes for the first semester commence from January. During the holy month of Ramzan, the classes remain suspended. There are two semesters in a year. Tuition fee is charged in each semester. The fee structure varies from Rs.13,000/- to 35,000/- per semester for different degree program.

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.

GENERAL INFORMATION

Students' Affairs

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

In order to help passing out students in securing jobs and solve their practical problems, an office of Students Guidance, Counseling and Placement Bureau is also functioning 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 has been constituted to maintain law and order situation within the campus and 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 chairs 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.

Duration of Courses

The duration of MBA in the University (Evening Program) is three years (details given in Table –

I) whereas B.S./B.B.A is a four-year program (details given in Table – II). In some departments, certificate courses are also offered (details available in Table-III).

Libraries

Each department and institute at the campus has its own seminar library that contains books related to the subjects taught in the department. The main library *Dr. Mahmud Husain Library* is situated near administration block that provides facility to consult thousands of books, journals and other relevant publications.

M.Phil./Ph.D theses to students of various departments of the University. LEJ Digital Library is also available at the campus that can be used by all the students to access a large number of books or journals on-line.

Co-Curricular Activities

The University organizes different programs to promote participation of its students in co-curricular activities. The schedule is announced by the office of the Students' Advisor. Sports facilities like grounds for Hockey, Cricket and Football, courts for Squash, Badminton, Tennis and basketball are also available at the campus.

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 beginning of this brochure). A student has to complete a total of 18 credit hours during one semester. However, in the Faculty of Pharmacy, the student has to complete 20 credit hours.

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

A student of BS will have to take two subsidiary subjects besides a major subject and twelve compulsory subjects in the Faculties of Arts, Islamic Studies and Science, and six in the Faculty of Management & Administrative Sciences.

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

INSTRUCTIONS FOR FOREIGN STUDENTSS

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.

These students are required to complete the following additional courses.

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

ADMISSION POLICY

Admissions in Karachi University are granted according to merit under K, S and P categories as approved by the Academic Council. However, certain seats are reserved for Balochistan, Interior Sindh, FATA, Azad Jammu & Kashmir and Northern Areas, Armed Forces, and Children of Karachi University Teachers and Employees and Disabled Persons. For reserved seats also merit is the only criterion.

Note:

1. *Subject to eligibility, admissions on reserved seats for FATA, Northern Areas and Azad Jammu & Kashmir are granted through nominations from the Kashmir Affairs & Northern Areas Division, Government of Pakistan, Islamabad.*
2. *Similarly, Admissions on reserved seats for the armed forces are granted through nominations from the General Headquarters.*

Admissions on Merit Seats

Since the number of applicants is much higher than the number of available seats, under the University rules, the applicants have been 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 institutions 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 3 (for BS (Hons.) program) or 5 years (for BS (third year) or Masters program) 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 dependents of Karachi University Employees and Disabled 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.

Conditions for Eligibility:

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

1. For admission in the Faculty of Science, Arts and Commerce, the candidate should have obtained a minimum of 45% marks in the pre-requisite (HSC or equivalent) examination. Grace / Condonation marks will not be counted. For admission in the Faculty of Pharmacy the candidate should have obtained a minimum of 60% marks. However, for BBA and MBA the minimum requirement is 50%. A student placed in 3rd division or obtaining less than 45 per cent marks in the pre-requisite examination cannot be admitted in the University.

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

2. Candidates seeking admission on the basis of certificates other than those given in the conditions of eligibility in **Table I, II and III**, should get the equivalence of their certificates determined by the University

Equivalence Committee well before the scheduled date for announcement of admission list. Candidates passing ‘O’ Level, ‘A’ Level or other foreign certificates should also get the equivalence of their grades and marks determined by the University of Karachi or IBCC before the scheduled date otherwise their application shall not be entertained. Candidates possessing DAE certificates are reminded that even after the determination of equivalence they will be considered for admission in only selected departments which have been mentioned in this booklet. They are instructed to attach their consolidated mark sheets with the admission forms; otherwise their forms would not be entertained.

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

Eligibility for Admission to BS 1st Year Courses of Studies

The number of merit seats in different departments together with conditions of eligibility is mentioned in **Table I, II and III**. The subjects whose study is a pre-requisite for admission to different departments have also been identified. Preference will be given to those candidates who had offered same subject in Intermediate / HSC for which they have applied for admission, except for those departments where clarification in this regard has been indicated in column of eligibility. However, in case of subjects such as International Relations, Mass Communication, Public Administration which are not taught at intermediate level, other alternative subjects have been mentioned in the relevant column.

ADMISSION FORM

- ☛ The admission form and receipt are enclosed with this booklet. The applicant is required to fill in the form. Receipt, duly signed and stamped, shall be handed over to the applicant at the counter where the admission form is submitted.
- ☛ A candidate can apply for admission in four subjects of his / her choice. The candidate is advised to write subjects in order of preferences in the space given in the application form. Admission in the subject / department shall be awarded on the basis of eligibility, merit and the number of seats available in the subject / department.
- ☛ The powder photocopies of the following documents must be attached with the admission form at the time of submission.
 - ✓ One copy of CNIC
 - ✓ Two copies of Mark Sheets of 1st & 2nd year of pre-requisite examination.
 - ✓ A photocopy of the original completed admission form.
 - ✓ One copy of S.S.C mark sheet.
 - ✓ One copy of the Admit Card of 1st & 2nd year of pre-requisite examination.
 - ✓ One copy of Hifz-e-Quran certificate (only for BS).
- ☛ **No attested documents are required at the time of submission of form.**

For further details, applicants are advised to contact the
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
 Timing: **9:30 a.m. to 7:30 p.m.**

Department of **ARABIC**

Introduction

The Department of Arabic is enjoying the patronage of renowned scholars of international repute.

The cautiously chosen syllabus considering the demands of the student and the existing period is a confluence of ancient and modern Arabic Literature, Language and Linguistics. Besides academic activities, curricular and co-curricular activities are also stressed like extension lectures, debates, study tours, picnics and other functions to reveal, enhance and polish the abilities and talent of the students.

At present forty two (42) courses of Arabic Literature, Language and Linguistics are taught including computer and research methodology.

Facilities

The Department offers a conducive environment equipped with latest technology. It has a well-stocked Seminar Library containing books on almost all relevant subjects, a state-of-the-art Computer Lab with internet facility and modern audiovisual aids.

Teaching & Assessment

Teaching combines lectures, extensive lectures and group discussions in the classroom. Student's performance is assessed by end-of-semester examination.

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.

For Further Enquiry

Telephone: 99261300-06Ext- 2273

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

Email: arabic@ku.edu.pk

Department of **ECONOMICS**

Introduction

The department of Economics is one of the largest departments in the Faculty of Arts. 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 the first Chairman, and served the department for a short period. Due to its academic stance the department of Economics has the distinction of being recognized as a premier department in the country.

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 by the Sindh Government.

Facilities

The seminar library has a good collection of books and periodicals related to Economics and Transport. In order to fill the gaps, an inter library loan facility has also been arranged and links are established with other major libraries in the city, including the main library and the research library of the AERC of the University of Karachi, The department has a well-equipped computer lab.

Teaching and Assessment

The teaching method at the department is a blend of theory and practice, as lectures, case studies, oral presentations, written reports and field visits are all given due importance. The concepts taught by faculty members are supplemented with their practical implications through eminent guest speakers from other financial institutions. To ensure that the students are assimilating the knowledge being imparted to them, frequent test ranging from 10 minute unannounced quizzes to three hours examinations and from oral presentations to written reports are conducted throughout the semester.

Career Opportunities

Students of the department enter a variety of fields, such as banking, C.S.S., research, teaching, business etc.

For Further Enquiry

Telephone: 92-21-99261300-6 Ext: 2270

Website: www.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.

Teaching and Assessment

Varieties of teaching methods are used in the department for rendering different courses effectively. Faculty members arrange both inside and outside classroom activities in order to broaden the learning experiences of the students. Lectures, seminars, classroom quizzes and field-works are planned and conducted during the semesters. The department believes on both, the summative and formative assessment. Moreover, students are also asked to arrange and attend different seminars for their professional growth.

Co-Curricular Activities

The importance of Co-curricular activities cannot be denied. The Department of Education conduct orientation day for welcoming new students. Moreover, students-week, welcome and farewell parties, students-teacher union luncheons, cake-day on 13th August, Teachers' day on 5th September and a picnic as per the provided schedule of Students Advisory Council.

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 and UNESCO and NGO based organizations and school are the possible fields for the graduates of Education.

For Further Enquiry

Telephone # 021-99261300-6 Ext.2267

Website: www.uok.edu.pk

Department of **ENGLISH**

Introduction

Professor Dr. AhsanFarooqui was the first head of the department of English.

Programs offered

Morning Program

- BS& Honors
- M.A (English Literature& Linguistics)
- MS in English Literature
- MS in English Linguistics

Evening Program

- BA & Honors
- M.A (English Literature)
- M.A (English Linguistics)

Facilities

[a] The English Seminar Library: This is situated in the department and houses a large variety of books on English and American fiction, poetry, drama, essays, and history etc. Books on linguistics, English language teaching and applied linguistics are also available. There are two cupboards of books on long loan from the Dr. Mahmud Hussain Library, which have been specially selected with the prescribed courses in mind. All students of English Department must apply for the membership of this seminar library. The Dr. Kalim-ur-Rehman Reference Library is situated within the seminar library. It contains over two thousand books, and is a useful resource for research.

[b] Dr. Kalim-ur-Rehman Audio-Visual Room: Research students can use computers and internet provided here. Relevant literary films and televised English plays are also shown. We hope to develop a multimedia self resourcecentre here in near future.

Career Opportunities

Students of the department of English have entered a variety of vocational fields. Some of these fields are: CSS, Advertising, Media (T.V., Radio, Newspapers, Magazines, etc.) Baking, Business, Teaching Educational Administration, Research etc. Excellent job opportunities are available for the students of English department.

Special Interest Groups

Special Interest Groups include *The Sharafat Ali Cassette Library for Blind University Students*, the Shakespeare Association of Pakistan, *Creative Writing Group*, *The Book Club*, *The Dramatics Club*, *The Public Speaking Group*. It should be remembered that these co-curricular activities are in addition to curricular activities and are not in place of them.

For Further Enquiry

Telephone: 99261300-6 ext. 2249

Website: www.uok.edu.pk

Department of **INTERNATIONAL RELATIONS**

Introduction

International Relations is the oldest Department in the field of International Relations in Pakistan. It was established in 1958. Prior to its formation, the Department was under General History Department and Professor Dr. Mahmud Hussain was its founding Chairman. Dr. Muhammad Ahsen Chaudhry succeeded Dr. Mahmud Hussain as the Chairman of the Department. Currently, Professor Dr. Shaista Tabassum is the Chairperson of the Department

Since its inception, the Department of International Relations has been active in organizing seminars, conferences and workshops. A number of books have also been published under the Department and several Research Projects funded by foreign foundations are presently being run by its faculty members. The syllabus of the Department was revised in 1998 and new courses focusing on the conceptual and regional studies have been offered.

Facilities

There is a seminar library for both undergraduate and graduate students which consist of relevant books, magazines, research journals and newspapers. In addition, graduate students can access the departmental computer lab with internet and printing facilities for writing research reports and assignments. The Department has a separate conference room where conferences and seminars are organized.

Teaching and Assessment

Teaching for all degree programs is offered on semester basis. Student assessment during the semester consists of mid-term tests, assignments and a terminal exam at the end of every semester.

Career Opportunities

Students graduating from the Department can be found in various sectors. Traditionally, students of the Department have been recruited to the bureaucracy, both provincial and federal. A popular option these days is recruitment in the electronic media where there is a huge demand for IR graduates focusing on current events.

Research Activities

The process of organizing programs, collaborative research and publications in the Department got an impetus in the decade of 1990s. More than 22 international conferences and workshops have been organized by the Department since 1994.

Further Enquiries

Telephone: 99261300-6 Ext. 2274

99261394 (Direct)

Website: www.kuird.edu.pk, www.ppscr.org

Department of **MASS COMMUNICATION**

Introduction

Previously known as the Department of Journalism, the Department of Mass Communication, was established in 1955 with a diploma course for working journalists. The objective was to produce qualified journalists and media professionals and to cater to the growing needs of the national press and the mass communication industry. In 1962, the diploma program was replaced by a regular two year M.A. Program. This was done in the light of recommendations of the Pakistan Press Communication with the aim to expand and modernize media education in the country. The students have to opt for a medium in which they can express themselves conveniently.

Facilities

The department has four teaching & training labs namely the news lab, Electronics Media Lab, two Computer Labs (one each for Urdu and English) and an Advertising Lab. A complete radio broadcasting station with the FM radio license is also run by the Department.

Research Activities

Final year students are required to undertake a research project and submit their report in the final semester. The department has a large collection of such reports focusing on almost every aspect of the media, which are also published from time to time.

Publications

An annual journal, known as 'Journal of Mass Communication' is published. This bilingual journal is reserved for research articles only. Two to four books are published every year. These valuable publications are the latest and relevant material available to Urdu medium students. Similar approach has been adopted to bring out issues in English. A newspaper entitled "*Inkeshaf*" is published each semester to provide a training base to students. Students produce the entire content of this newspaper. In 2003, the department launched a monthly newsletter, "The Media Mirror", which publishes news stories and comments on media related events and issues.

Teaching and Assessment

Apart from class lectures, students are required to do tutorials and assignments. It is also mandatory for each student to complete 180 hours of internships at media institutes. A certificate on satisfactory completion of internship enables students to apply for a marks sheet and a degree.

Career Opportunities

Mass Communication is a professional discipline and there are vast opportunities for Mass Communication graduates in media and communication industries. Other fields like teaching, research and information areas, at private and public sector institutions and the corporate sector also offer wide opportunities.

Further Enquiry

Telephone: 92-21-99261300-6, Ext.2278

Website: www.uok.edu.pk,

Email: kumasscommunication@yahoo.com

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.

Teaching and Assessment

Teaching at the department combines lectures, group discussions, quizzes and class presentations. Assessment is based on midterm, makeup and Terminal examinations. Dissertation is mandatory for Final year literature students.

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.

Scholarships Offered

Gold Medal: Khawaja Moinuddin Gold Medal is awarded to the student who stands first class first in the M.A. examination. Some scholarships are awarded by the Cultural Centre of the Islamic Republic of Iran on behalf of their government under the cultural program to the students of BS classes and research scholars for M.phil/Ph.D.

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.

For Further Enquiry

Telephone: 92-21-99261300-6 Ext: 2280

Website: www.percian.ku.edu.pk

www.uok.edu.pk

Department of **PSYCHOLOGY**

Introduction

The department of Psychology came into existence in 1954 under the Chairmanship of Professor Dr. QaziAslam. It gradually attracted both students and teachers with the result that teaching and research psychologists like Dr. HaseenUddinZuberi, Dr. S.M.HafeezZaid, 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 of the Faculty of Arts. Since 1956, the teaching and practice of Clinical psychology has enjoyed popularity both amongst teachers and students of the department. Dr. Farrukh Z. Ahmad, the then chairperson, took active steps to establish a separate institute of clinical Psychology. The department's teachers 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, picnics, students' week, welcome and farewell parties etc are arranged for the students so that they remain updated with current happenings and also get a chance to take a break from study schedules.

Facilities

The department's library has a collection of over 800 books. This large collection includes latest publications, journals, encyclopedias and magazines. The department has six computers, four overhead projectors, multimedia, two screens, a printer and a scanner.

Teaching and Assessment

Teaching is based on interactive class participation: group discussions, class presentations by students, assignments, research work etc to maintain interest and make learning more effective. The use of audio visual aids brings out the creativity of teachers and students, and helps in improving their presentation skills. Assessment is based on class performance of students, their punctuality, assignments and particularly the semester examination results.

Research Interests

The Faculty members are actively involved in pursuing important areas in research. Some research topics include: women studies, Child development and relationship, Gender issues, community psychology, Therapeutic techniques and diagnosis, Organizational behavior, consumer behavior, Social 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, NGOs' clinical setup, educational institutes, law enforcement agencies, the armed forces etc

Further Enquiry:

Telephone 99261300-6 Ext.2283

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

Email: psychology_ku@yahoo.com

Department of **SOCIOLOGY**

Introduction

The department of Sociology was established in 1960. Later, 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. Seminars and workshops are important characteristics of the department which are organized frequently.

Facilities

The seminar library contains over 3000 books, journals, magazines and other national and international periodicals. The department has a well quipped computer laboratory, which provides assistant in almost all aspects of the use of information processing facilities. Ethnological Museum plays a pivotal role in the study of Art & Culture.

Teaching Methods and Assessment:

Teaching methods involves assimilation of lectures and group discussion, class presentations, individual and group projects, case studies, workshops extended lecture and field research with the use of audio visual assistant. Students' assessment involves evaluation, oral presentation, individual and group projects, written assignments', test results and performance in semester final examination and one of the assessment methods of this program is the compulsory attendance of students in the departmental library.

For Further Enquiry

Telephone: 99261300-6 Ext.2286

Email: ranas_sultan@hotmail.com

Department of **SPECIAL EDUCATION**

Introduction

Department of Special Education was established in the University of Karachi in 1988. The University of Karachi offers a regular program of studies in Special Education at the graduate as well as the post graduate level for students who intend to serve the Special need Community. The program is designed to provide students with opportunities to actually teach special children during the course of studies, so that they can get practical experience along with their academic learning. Objectives of the program include,

- To develop high quality manpower in the field of Special Education.
- To prepare students to learn practical skills required to serve special need children and their families.
- To conduct research and develop recommendations of the welfare of special need children.
- To serve as a resource center for all Government and Non-Government organization, at both national and international level.

Facilities

The Department has lecture and seminar rooms. Audio Visual Room, as well as a well stocked seminar library with most recent books. The department has equipment, which provides practical work facilities to students as well as provide exposure of practical teaching at Special Schools.

Teaching and Assessments

Lecture method with emphasis on classroom discussion and feedback including effective use of audio-visual aids, provision of expertise through resource persons and a regular program of extension lectures are part of formal teaching methodology. Field visits for on the spot observation of special children, particularly, in the classroom children are also arranged.

Career opportunities

Students of the Department of Special Education continue to enter a variety of educational, vocational and rehabilitation fields. Many are speech pathologists, audiologists, and teachers in different special education centers for mental retardation, physical handicap, hearing impairment, visual impairment, and learning disability. The graduates of the department get jobs in schools, hospitals, institutes, rehabilitation centers, directly or indirectly serving special need children.

Research Activities

The faculty of the department is also very active and is engaged in research activities supported by the research facility center, University of Karachi as well as H.E.C. The areas of interest are Early Childhood Education, Family Support, and Inclusive Education etc.

Publications

An annual journal namely "Pakistan Journal of Special Education and Research" is being published by the department along with various books.

For Further Enquiry

Telephone/Fax: 021-99261300-6, Ext: 2212

E-mail: specialeducation76@gmail.com

shahida_sajjad@hotmail.com

Department of **URDU**

Introduction

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

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

With the valuable efforts and abilities of these teachers and scholars, the department has kept making progress. The following famous academics have been associated with the Urdu department. Dr. Syed AbulKhaireKashfi, Dr. Farman Fatehpure, Dr. AslamFarrukhi, Prof. JameelAkhtar Khan, Dr. HaneefFauq, Dr. YounusHasni, Shamim Ahmed, Prof. Sahar Ansari, Dr. Vaqar Ahmed Rizvi, Dr. SidiqaArman, Dr. MoinuddinAqeel, Dr. ZafarIqbal

The department of Urdu has a prominent position in the University of Karachi for research. Over 75 people have completed their Ph.D. research program and approximately twelve projects are in progress.

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

Career Opportunities

Teaching; Print and Electronic Media, Research & Academic Organizations.

Teaching and Assessment

Teaching at the Department combines lectures, group discussions and class presentations. Students are also given writing assignments and selected final year students are required to submit a dissertation carrying 200 marks six weeks after the final examination of the last semester.

For Further Enquiry

Telephone: 92-21-99261300-6, Ext: 2287

Website www.uok.edu.pk

Department of **COMMERCE**

Introduction

The Department of Commerce University of Karachi has been instrumental in providing candidates with thorough knowledge and understanding of the principles of commerce and business. The BS (four years) and M.Com programs are structured on team based learning, class presentations, case studies, field research reports and other reference materials, to combine academic theory with practical problems, seminars and workshops on current economic and business issues are also organized in the Department.

Facilities

Some of the basic facilities are Seminar Library, Computer Lab, Common Room, and Auditorium. Computer Lab is under the process of renovation and up gradation. The Seminar Library is fully equipped with latest books, magazines and research journals that help students enhance their knowledge and skills.

Co-Curricular Activities

Other than the regular Academic Activities the Department of Commerce is also engaged in inviting guest speakers from Corporate Sector and also arranges Management Conferences every year. The department of Commerce is also engaged in holding debates and other such activities; which enhance the quality of Education.

Teaching & Assessment

Students are provided with up-to-date knowledge through classroom lectures, seminars, conferences, case studies, class presentations and research reports.

The program is assessed by a mixture of continuous assessment and examination.

Career Opportunities

Students have an outstanding record of going on to jobs in business and management or working for them or studying further, we encourage work experience or job placements and internships. Our placement companies include PSO, Shell, Unilever, P&G, Indus Motor, Nissan Motor, SBP, other Banks and DFI's, PIA, SUPARCO, etc.

Research Activities

The aim of the department is to provide a supportive research environment with senior academicians and research fellows working together on team based projects.

For Further Enquiry

Telephone: 9261300-06 Ext: 2213

Website: www.ku.edu.pk

Email: dz1312@hotmail.com

Department of **PUBLIC ADMINISTRATION**

Introduction

Department of Public Administration was established in 1995 as a full-fledged department of University of Karachi. However in 1987, 2- year MPA program and 1-year PGDPA were initiated in the Department of Political Science. Realizing the significance of this study in the professional field, Department of Public Administration (DPA) was instituted separately. DPA started with PGDPA in evening sessions with specializing in Human Resource Management and Health Management. However, MPA has initiated specialization in HRM, Marketing, Finance, MIS and development strategies.

Realizing the value of Public Administration as a separate professional course, the University of Karachi initiated a new 2 year degree program. Recently, department of Public Administration played a significant role by representing University of Karachi at the meeting of University Grants Commission when specialization was approved for the MPA graduates. MPAs have double advantages over other graduates as they are not only aware of the administrative issues of public sector but they also know the ways and means to tackle the administrative dilemmas that confront the private sector.

Facilities

To facilitate the students, DPA has a well-equipped computer lab with internet facility, the seminar library with latest books & subscription of various leading magazines & journals, a seminar hall & conference room for workshops and presentations, prayer room & wide open lawns for out door activities.

Teaching & Assessment

DPA has a semester system with 4 months of teaching & 1 month of examination. Assessment includes hourly, mid-term, research projects, reports, presentations, internships & a final exam.

Career Opportunities

Because of dual significance of our program over other degrees, our graduates are highly appreciated & demanded by the practical market offering them various management positions in Public & private concerns, nationally & internationally in all kind of field ranging from public services to FMCGs, banking, education, telecommunication, etc.

Research Activities

DPA is flourished with a strong research environment with involvement of students in various research projects & reports, organizational visits, seminar & workshops and writing of research articles.

Publications

DPA publishes Annual Graduate Profile, two student magazines annually, “*Ocular*” & “*Efficacy*” in morning & evening programs respectively.

For Further Enquiry

Telephone # 99261300-0 Ext3406, 2383

Website: www.dpa.com , www.uok.edu.pk

Email: dpa@uok.edu.pk

KARACHI UNIVERSITY BUSINESS SCHOOL

Introduction

Karachi University Business School (KUBS) was established in the year 1999-2000 because Institute of Business Administration (IBA a constituent of University of Karachi) was declared autonomous degree awarding institution. KUBS within short period of eight years has become well established institution with good reputation and high image in the business world. MBA (Banking and Finance) two years professional program is also run jointly with Institute of Bankers Pakistan (IBP). The admissions of which are announced separately.

The mission of KUBS is prepare right leaders for the right organization. KUBS is committed to impart our students general management education focused on building a deep understanding of business, teaching with skill and passion. We intend to imbibe a spirit of entrepreneurship and creativity among our students and prepare them for a global community that is increasingly reliant on technology.

Students' Attendance & Discipline

Almost full attendance is desirable in the interest of students themselves. However, leaving an allowance of exigencies like sickness, a minimum of 85% is required, according to the decision of Academic Council. A student having more than six absences in a course will not be allowed to take semester examination and he/she will get an "F" grade (failure) in the course concerned.

Discipline in regularity of attendance and classroom teaching is strictly followed. Faculty members are responsible to monitor and assure that rules and regulations are strictly adhered to by the students.

Teaching and Assessment

1. In addition to regular faculty members, eminent faculty is also drawn from outside business organizations to share with students their practical experience especially in those courses which are practical oriented.
2. Case studies, class presentations, questions-answers session, seminars etc. are regularly conducted.
3. Periodical assessment of student performance through terminal exams, and final exam is done. Term papers and research reports are also produced in almost all courses by the students.

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.

Research Activities

With the starting of MS / Ph.D. programs we expect to extent research programs in future.

For Further Enquiry

Telephone # 99261300-6 Ext 2386

Website: www.uok.edu.pk

Email: kubs@uok.edu.pk.com

Department of AGRICULTURE & AGRIBUSINESS MANAGEMENT

Introduction

Department of Agriculture was initiated as BS-Program in Agriculture in 2004. It acquired the status of the Department in 2006 and renamed as Department of Agriculture and Agribusiness Management in 2008. The department offers specialized courses in “*Agribusiness Management*” and “*Plant Protection*”.

Agribusiness Management is a multi-disciplinary program that provides opportunities to a wide range of careers in the Agricultural and other land-based industries. It combines the study of agricultural sciences with the management skills providing an understanding of economic and business principles and their application to Agribusiness. This program is aimed to develop a range of personal and transferable skills, and critical appreciation of the techniques to assist effective execution of the agribusiness management function.

Courses offered for specialization in Plant Protection enables the students to acquire in-depth knowledge of pest and diseases affecting crop, vegetable, fruit and ornamental plants in the country as well as the management strategies to overcome the problem.

Facilities

The department is well equipped with modern teaching aids. It has facilities for research on topics related to fields of entomology, mycology and plant pathology as well. A seminar library with a good collection of books related to agriculture and agribusiness is also available.

Teaching and Assessment

During the first two years, courses related to different fields of agriculture are taught to develop good background knowledge of the subject. From the third year, students can choose either *Plant Protection* or *Agribusiness Management* as their field of specialization. Assessment is done as per semester rules that include midterm, make-up, terminal and lab examination or assignment. In the final semester, internship in either a research or agribusiness related organization and a project is mandatory.

Career Opportunities

Specialization in Agribusiness Management would be helpful in getting jobs in agro-based national and multinational organizations as managers, consultants, supply chain coordinators, farm managers and accountants. It also provides an opportunity to enter self-employment largely within the farming or food sectors. Students specializing in Plant Protection have job opportunities in various research and service organizations like Plant Protection, PARC, PCSIR, NIAB, NIA, ARI, Seed testing and production organizations as well as in plant and pesticide related national and multinational organizations. They can also serve as farm managers.

Research Activities & Publications

The department is actively involved in research. Research project on entomology, mycology and plant pathology sponsored by HEC and ALP-PARC are in progress. Several research students are also enrolled for M.Phil./Ph.D. programs. The faculty members and research students regularly publish research papers in journals of national and international repute.

For Further Enquiry

Telephone # 99261300-6 Ext 2535

Website: www.uok.edu.pk/agriculture

Email: sshahzad@uok.edu.pk

Department of **APPLIED CHEMISTRY**

Introduction

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

Facilities

Seminar Library equipped with most recent books various subjects, Computer Lab and facilities of DSL internet accessing facility, well equipped laboratories for undergraduate and graduate level courses.

Teaching and Assessment

Medium of teaching is English, Four year B.S. program 2 semester each year, Assessment 30 marks makeup/midterm, 50 marks terminal, 20 marks for lab / Assignment.

Career Opportunities

Excellent job opportunities exist in industries of Pakistan and abroad manifested with excellent research opportunities in various fields of modern life.

For Further Enquiry

Telephone # 99261300-6 Ext 2227

Website: www.uok.edu.pk

Department of **APPLIED PHYSICS**

Introduction

Behind establishing the department of Applied Physics, the objective was to teach and train students to meet the growing technological needs of the industries of Pakistan in the area of Applied Physics. Over the years emphasis has shifted towards Electronics and semiconductor technology. The syllabus has been continually updated to keep abreast with development in the technology.

The department prepares students to face challenges of the modern technologies in the field of Electronics and Semiconductors. The curriculum provides in depth understanding of the subjects such as *Analog and Digital Electronics, Industrial Electronics, Semiconductor Devices, Communication systems* including Microwave and optical fiber communications.

Microprocessor/Microcontroller and Digital Signal Processors (DSP) are hubs of intelligent electronic systems. So a comprehensive scheme of study and applications is provided for these subjects.

In order to teach practical aspect of electronics and give hands-on experience, laboratories have been equipped with latest equipment. The laboratory training begins with circuits related to basic Analog Electronics, progressively perform experiments on Digital Electronics, Industrial Electronics and finally develop a single board computer based on microcontroller. The students are also trained on Programmable Logic Controllers (PLC) through the use of software and hardware simulators. Similarly, they are trained in the field of communications using Communication training kits.

Facilities

There has been continuous up gradation of laboratories in the department. In addition to general purpose laboratories where students perform experiments on circuits based on Analog and Digital electronics, separate laboratories are established for training. These include *Computer Laboratory* which is equipped with latest branded computers, connected through LAN. *Communication Laboratory* has trainers to train students on Microwave and optical fiber communication systems. *Programmable Logic Controller (PLC)* is equipped with PLCs from Siemens and Ge-Fanuc. Students use Software and Hardware simulators to develop and verify programs. Cargo lift, Conveyor belt and process models have been developed indigenously that are controlled by the PLC. *Embedded systems laboratory* is facilitated with software and hardware tools such as VHDL, Electronic Design automation to develop embedded systems. Computer Controlled (CNC) PCB prototyping machine, Logic Analyzer, FPGA and DSP kits are available for development of applications. *Semiconductor Research Lab* has instruments such as thin film coating unit, CV analyzer, Spectrometer, Lock-In-Amplifiers etc. for research in the field of semiconductor.

Carrier Opportunities

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

For Further Enquiry

Phone: 99261300-6 Ext: 2258, 2564

E-mail: najsiddiqui@uok.edu.pk

Department of **BIOCHEMISTRY**

Introduction

The department of Biochemistry is the producer of largest number of biochemists in Pakistan. The department was established about 46 years ago and is currently awarding BS (Hons), BS, M.Sc., M.Phil./MS and Ph.D. degrees. The department also caters for the subsidiary requirement of students in allied biological subjects. The academic staff of the department consists of well-qualified and devoted teachers out of which 17 have Ph.D. from foreign or national universities.

Facilities

The department is facilitated with well-equipped laboratories. Lending Library of the department proves to be a good source of knowledge and reference material for students as well as the faculty members. A comfortable common room for girls provides privacy in a relaxed environment.

Carrier opportunities

Graduates of Biochemistry usually get employment in well-known Pharmaceutical and food industries of Pakistan. Countless opportunities are available in clinical Laboratories, research institutes and teaching Institutions.

Research Activities & Publications

The department offers research courses and research thesis at BS, MS & Ph.D. level. The department's faculty publishes about 40-50 research articles per year in national and international Journals and is efficient in presenting papers in seminars and symposia.

For Further Enquiry

Phone: 99261300-6 Ext: 2289

website: www.uok.edu.pk

Department of **BIOTECHNOLOGY**

Introduction

The Department was established in 1996 with an objective of imparting quality education in the multidisciplinary field of Biotechnology at both undergraduate and postgraduate levels.

Biotechnology is defined as the application of biological systems to basic and technical and industrial processes. These processes are based on the use of some form of biological catalyst in the conversion of a substrate to a desired product. These biological catalysts are simple as enzymes or highly complex microorganisms or eukaryotic cells.

Biotechnology includes a wide range of activities. Each activity is associated with its own starting material (bacterial, fungal, yeast, plant or animal cells or enzymes), technical manipulation (cell fusion, cell or enzyme immobilization, genetic engineering, etc.), processes (continuous and batch fermentation), and scale (small to very large), which are unique to that activity.

Scope of Biotechnology

Biotechnology can be viewed as a group of useful, enabling technologies with wide and diverse applications. It has large, highly profitable, modern industrial outlets of great value to society e.g., DNA recombinant technology, most revolutionary branch of the modern science and have a profound impact on medicine, contributing to the diagnostics and cure of hereditary defects and serious disease and the development of new biopharmaceutical drugs and vaccines for human and animal use. It also deals with the modification of microorganisms, plants and farm animals for improved and tailored food production and to increased opportunities for environmental remediation and protection.

New technologies dealing with plant and animal breeding are much faster and have lower costs. Genetically modified crops are growing exponentially. The field is further exemplified with the industrial production of enzymes like proteases, amylases, celluloses and lipases, industrial manufacturing plants for milk and milk products, alcohols, organic acids, antibiotics, vitamins, growth promoting factors and monoclonal antibodies.

For Further Enquiry

Phone: 99261300-6 Ext: 2474, 3474

E-mail: www.uok.edu.pk

Department of **BOTANY**

Introduction

The Department of Botany at University of Karachi was established in 1953. It offers over 90 different courses of studies at the undergraduate and post graduate levels to cater the human resource requirements for teaching and research in the fields of education, agriculture, environmental NGOs, pharmaceuticals 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. Commencing 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 their final year of study, students specialize in one of the branches of Botany that include *Applied Botany, Mycology & Plant Pathology, Plant Physiology, Plant Ecology, Phycology & Marine Botany* and *Plant Taxonomy*.

Facilities

The Department is fairly well equipped with all necessary and modern lab and library facilities. It has also facilities 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 collection of more than 150,000 plant specimens collected from different regions of Pakistan besides a large collection of specimens of algae and fungi. The departmental seminar library has a good collection of text books and research papers.

Teaching & Research

The department of Botany at the University of Karachi has developed a large and productive research and teaching group in plant sciences. Members of the faculty are working in many specialized fields of plant sciences and are endeavoring to enhance our knowledge of the plant world. Member of the teaching staff have completed about 50 research projects with the support of national and international funding agencies. Currently several research projects are in progress.

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.

Publications

More than 2000 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.

For Further Enquiry

Phone: 99261300-6 Ext: 2288

Website: www.uok.edu.pk/botany

Department of **CHEMISTRY**

Introduction

Chemistry is a central science which helps in understanding the origin of life and suggest ways to use non-living things for giving comfort to life. Chemical orientation cannot be imparted in isolation and has 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. This department is one of the oldest departments of University of Karachi.

Facilities

The seminar 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, potentio-meters, electrochemical analyzers, HPLC, atomic absorption spectrometers, UV-Visible spectrophotometers, FTIR Spectrometers, Guoy Balance for magnetic susceptibility measurements, flame photometers, computers, deionizers, analytical balances, ovens, furnaces, centrifuges as well as a substantial stock of glassware and chemicals. A modern instrument laboratory has been furnished to house the new atomic absorption spectrometer, HPLC, GC, GC-MS nuclear magnetic resonance spectrometer as well as some other modern instruments. The department of chemistry has internet facility in almost every room/lab class rooms.

Teaching and assessment

Teaching is done while following the semester system. An academic year is divided into two semesters of approximately 16 weeks duration. Assessment includes midterm/ makeup, terminal and lab / Assignment.

Career opportunities

A person with a degree in chemistry has a wide choice of employment opportunities especially in the textile & Pharmaceutical Industry, Clinical laboratories, Oil refineries Chemical industry, Paint industry, Cement industry, Beverages & Food product industry, Analytical & instrumental services, agencies and Polymer industry.

For Further Enquiry

Telephone No. 99261300-7, Ext. 2290

Email: chemistry@uok.edu.pk

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

www.chemuok.com

Department of **COMPUTER SCIENCE**

Introduction

The Department of Computer Science was initiated teaching in 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 high quality professionals with sound fundamental knowledge. For this purpose, the department started a four year degree undergraduate program BS (Computer Science) (BSCS) in the year 1996, and a two year postgraduate program MS (Computer Science) as well as PhD (Computer Science).

Facilities

*Computer Lab Facilities:*The new building of Department of Computer Science is fully equipped with latest equipment 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. Highly sophisticated equipment in VLSI lab is available which help students in chip designing and development. Computer network lab is also equipped with best available internetworking devices.

Seminar Library: The Department also provides an in-house seminar Library facility which contains more than a thousand books on Computer Science/IT subjects along with IT/CS magazines, journals & periodicals.

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.

Research Activities & Publications

The department has produced several PhDs during the past few years. These active researchers are engaged in research activities all the year. As a result, many publications in reputed international journals and conferences are presented each year.

For Further Enquiry

Telephone: 99261300-6 Ext: 2462 / 3462

Website: <http://www.uok.edu.pk/dcs-ubit>

Email: info@uok.edu.pk

Department of

FOOD SCIENCE & TECHNOLOGY

Introduction

The Department was established in 1994 and to cater to the need of the fast growing food industries in the country and also to meet the ever growing demand for food scientists & technologists in government, research and educational establishments. Prof. Dr. Rashda Ali was the founder of the Department and she was the first Chairperson of Food science and Technology from 1994 to 1998. The department over the years has developed research in collaboration with universities in Germany, Britain and USA. It constantly arranges workshops and seminars on Food Science. The department enjoys a very good rapport with both National and Multinational food industries in Pakistan. The department has the following aims & objectives:

- To produce qualified food technologists for Food industries, teaching and research organization.
- To establish links between Teaching/ research institutions, government, commercial organizations and consumers.
- To preserve, process and manipulate the agricultural crops to avoid post harvest losses.
- To protect our environmental condition from deterioration of food.
- To introduce novel, nutrition's economical value added food products for local consumption and export.
- To incorporate the food industry waste for new products development.
- To provide diagnostic analysis of food products.
- To establish international collaboration with food science departments and food processing industries by exchanging of students & staff.

Facilities

The new building for the Department Food Science & Technology comprises on eight major laboratories, equipped with all basic facilities. The laboratories include Food Engineering lab, Food Chemistry Lab, Food Microbiology Lab, Food Quality Control Lab, Food Analysis Lab, Food Biochemistry Lab, Analytical Lab and Computer Lab.

Seminar Library

With About 1000 books and studying facilities and computerized catalogue, the department's seminar library is one of its own kind.

Career Opportunities

The Degree holders may work as Food Technologist, Food Engineer, Food Chemist, Food Analyst, Production Manager, Quality Control Manager, Quality Assurance Officer, Product Application Officer, Food Inspector and Food Researcher in the areas of food Pharmaceutical and Cosmetic Industries, ministries of Health, Education, food & agriculture and Science & Technology, academic and research organizations etc.

Research Activities

Numerous research activities and problem related with public concerned and food industries conducted time to time. These researches publish in national and international reputed journals.

For Further Enquiry

Telephone: 99261300-6 Ext: 2613

Website: www.uok.edu.pk

Department of **MATHEMATICS**

Introduction

Department of Mathematics was established in 1956. Professor DrSulemanKerawala was the Founder Chairman. Professor Dr SM Yahya introduced course reform. In addition to the core programs, given below, our department caters to the subsidiary courses in mathematics offered in BS Program. Our department, also, renders services of its full-time faculty to teach mathematics courses in other programs and departments as well as government organizations.

Aims and Objectives

- a) To inculcate habits of creative thinking, critical analysis and rigorousness, so that he students start enjoying mathematics
- b) To make the student appreciate the uniqueness of mathematics as tool of the tools, having the power of generalization and the power of application
- c) To develop ability in students to formulate a problem using the language of mathematics
- d) To equip students with the tools required and the mathematical techniques applied in the industrial, the business, the financial and the health-care organizations
- e) To propose mathematical solutions to indigenous problems arising in the industrial, the business, the financial and the health-care sectors
- f) To strengthen academia-professional-world bonding by tailoring the courses and the trainings offered according to needs of the end-user

Career Opportunities

Students graduating from this department have been, gainfully employed in various R&D organizations, *e.g.*, SUPARCO, as well as financial and educational sectors.

Research Activities

Faculty is engaged in research in the following areas:

- 3-D Optical Imaging
- Algebra
- Astrodynamics
- Biomathematics & Bioinformatics
- Climatology
- Pedagogical Techniques in Maths
- Controls and Simulation
- Fluid Dynamics
- Mathematical Physics
- Operational Research
- Quantum Mechanics
- Relativity and Gravitation

For Further Enquiry

Telephone:021 9926 1300-6 ext. 2293

Website:www.domsku.com

www.uok.edu.pk/faculties/mathematics

Department of **PETROLEUM TECHNOLOGY**

Introduction

In the mid 1990's Karachi University envisaged the need of the job oriented studies and established Petroleum Technology Department. Its syllabi were compiled by the joint efforts of the Oil & Gas industry and the academia. The vision was to bring forward a generation taught and developed by the Professors of the University and the scholars of the Petroleum Industry. These students are capable to take over needs of the industry.

Petroleum Technology program is successfully running in the Faculty of Engineering/Science along with Petroleum Industry scholars who are participating in the guidance towards the state of the art direction and teaching. The M.Sc. program covers the subjects of Exploration, Drilling, Well Completion, Production, Reservoir, Natural Gas Engineering, Refining, Economics, Environment & Safety, Logistics and Industrial Management. The program is such designed to include all aspect of Oil & Gas Industry so that student could adjust to different aspects/places in the industry.

Facilities

Internships can be provided to the students of M.Sc. final year. Department has arranged field visits in the petroleum industry.

Teaching and Assessment

It is a two-year (4-semester) program of 20 courses of 3 credit hours each. The program includes theory classes six days a week as well as practical, seminars and a six-week internship.

An intensive study of chemistry and geology of petroleum, drilling, well logging, reservoir, environmental issues are required by the students. This program is mainly for fresh science and production, refining, pipeline, corrosion and engineering graduates who plan to enter petroleum industry or have recently joined.

Career Opportunities

Petroleum Technology program of University of Karachi was initiated in 1996 following the policy of introducing job-oriented technology programs at the University. The program aims to meet the future requirements of technical and professional personnel in view of growing participation of national and multinational companies and a prospect of enhanced petroleum exploration and refining activities in Pakistan.

Pakistan has an expanding oil industry with accelerated exploration activities, refineries, petrochemical industries, and oil and gas distribution network. There is a job market at home, in the Middle East and in other parts of the world.

For Further Enquiry

Telephone: 99261300-6 Ext. 2418

Website: www.uok.edu.pk

Email: pet@uok.edu.pk

majeedgeol_pk@yahoo.com

Department of **PHYSICS**

Introduction

The department of Physics was established in 1952 with Professor Dr. MujtabaKarim as founder Chairman. Currently the department is playing an important role in the development of Science and Technology in the country. Since its inception, a considerable number of students have completed their degrees and are now rendering their services in reputable organization within and outside the country. To keep students abreast with the recent development in the field of physics, conferences and seminars are also organized in the department.

Facilities

○ *Research Laboratories*

The Department has well-equipped research labs to conduct research on:

- Electronics and Communication
- Solid State Physics
- Condensed Matter
- Atomic and Molecular Spectroscopy

○ *Seminar Library*

A large collection of books and journals of physics and related subjects is available in the departmental library. Space and seating arrangement is available where students can study these books in a peaceful environment.

- *Audio-Visual Room:* A large sized room with multimedia and sound system available is reserved for seminar presentations.

Teaching Laboratories From first year to fourth year, B.S., students are required to perform experiments at their respective level. The labs comprise of experiments related with their theoretical studies at different levels.

- *Computer Lab:* For studies related with computers, latest versions of software and applications are available. Students can perform calculations, graphics, simulation and modeling, thesis writing and similar jobs in this lab.

Medals and Scholarships

1. Philips gold medal for First position in B.S (Physics)
2. Orient Dr. Abdul Qadeer Khan Science Award gold medal for First Position in B.S (Physics)
3. AmeerHussainSiddiqui Trust Scholarship for meritorious students.

For Further Enquiry

Telephone: 2961300-7 Ext: 2250

Email: kuphysics@gmail.com

Website: www.uok.edu.pk

Department of **PHYSIOLOGY**

Introduction

The Department of Physiology is an important segment of the Faculty of Science, University of Karachi and occupies a very prominent place in the modern age of Biosciences, Clinical/Biomedical Sciences and other Applied Biological Sciences. This department, founded by Prof. Dr. Mahmood Hussain Qazi in 1964 was the first one outside medical colleges to introduce teaching and research programs in Basic and Experimental Physiology at the graduate and postgraduate levels. This department is the only institute in the country which has produced M.Phils. and Ph.Ds. in various disciplines of Physiology over the past many years.

Departmental Facilities

- a) Well Equipped Labs and teaching aids for students & research scholars for techniques in electrophysiology, microscopy, physiological Chemistry, hematology, metabolic physiology, general physiology, clinical physiology and other areas.
- b) A well-organized seminar library, computer/ internet facilities, and a separate computer lab.

Career Opportunities

Physiology is one of the most important and applied field in health sciences that is entitled even for Nobel Prize. It is the core of all medical research being done all over the world. For a research-oriented mind, studying Physiology is the ideal scenario. Pharmaceutical industry, health monitoring departments, biosynthetic industry, instrumentation in biomedical sciences, health related agencies, population welfare divisions, agriculture, livestock, and poultry industry, laboratory centers, biocybernetics, occupational therapies, physiotherapy centers, nutritional/ sports centres, radiological institutions, biotechnology, bioinformatics, bioengineering, synthetic biology, health physiology centres, nursing, medical universities, hospitals, diagnostic laboratories, pharmaceutical industry, research and teaching institutions, and a number of other places require physiologists with a variety of disciplines.

Research Activities

The department is involved in research programs at M.S, M.Phil&Ph.D level in different disciplines of Physiology: Neuromuscular Physiology, Patho-physiology, Clinical and Applied Physiology, Hematology, Reproductive Physiology, Molecular Physiology & Biophysics, Endocrinology, Neuro-endocrinology, Poultry Physiology (in collaboration with K&Ns and Sindh Poultry Vaccine Centre, Karachi), and Neurological and vascular Physiology. Presently, more than 25 research scholars are registered in their M.S, M.Phil/Ph.D. programs in the department.

For Further Enquiry

Telephone: 99261300 – 06 Ext. 2296, 3458

Email: physio.ku@gmail.com

Website: www.uok.edu.pk

Department of **STATISTICS**

Introduction

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

Facilities

The department has a Seminar Library 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, R, etc are available for students and researchers.

Teaching and Assessments

Teaching and assessment is according to the requirement of the respective program as per University rules and regulations.

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

Research Activities

- MS/Ph.D. program

Publications

Over hundred research papers of the faculty members are available on various National and International journals.

For Further Enquiry

Phone: 99261300-6, Ext: 2298

E-mail: safahmed@uok.edu.pk

Website: www.uok.edu.pk

Department of **ZOOLOGY**

Introduction

The department of Zoology was established in 1951 and now it holds a pivotal position in the faculty and can also be compared with any department of Zoology elsewhere in and outside Pakistan. The Department right from its inception has been imparting instruction at B.Sc., BS, and M.Sc. levels, besides providing facilities for post-graduate research leading to M.Phil, and Ph.D. degrees. More than two thousand (2000) research papers have been published by the faculty members in National and International research journals. Various monographs and thirty two books have been published by the faculty members. About 300 students are enrolled each year at various levels in the department including various specializations. Several are being enrolled each year in M.Phil and Ph.D programs.

Facilities

The department has Computer Lab and instruments Lab of Toxicology and Hydrology containing Atomic Absorption HPLC, Autoclave, and GLC, Total counter, Graphite Furnace, Bom colorimeter and Spectrophotometer.

In addition the department has a zoological museum which occupies a special place among the Museums of Pakistan Universities. It has a huge collection of vertebrates and invertebrates from James Murray's collection and substantial collection of fresh water and Marine fauna of Arabian Sea, Persian Gulf and Indian Ocean. During the past 61 years a considerable addition of insects from South-East Area, Pakistan, Bangladesh including Oriental, Trans-Himalayan (Palaeartic) and Ethiopian forms from Lasbella and Mekran Coast, have been added. Work on taxonomy of fishes (freshwater and marine), Insects and nematodes are being undertaken by trained and experienced staff. Collaboration is being maintained with outstanding taxonomists in Japan, Europe, U.S.A. and Canada.

Career Opportunities

The graduates of the department while catering the needs of the education department, where they are readily absorbed as teachers of Zoology in schools, colleges and University also have job opportunities in the department of Agriculture, Plant protection, Fisheries, Zoological Survey, Zoological Gardens Safari parks, Pakistan Council of Scientific and Industrial Research, National Institute of Oceanography, Pakistan Agricultural Research Council, Wild life conservation and management of WWF, IUCN, Public and Private sectors pathological laboratories.

Research Activities

The department also gives opportunity for research to the students, who can specialize in Applied Zoology, Entomology, Limnology and Freshwater Fishery Biology, Marine Zoology, Parasitology, and Wildlife Fisheries.

For Further Enquiry

Telephone: 99261300 – 6 Ext. 2299

Website: www.uok.edu.pk/zoology

Email: zoology.ku@hotmail.com

CENTRE OF EXCELLENCE FOR WOMEN'S STUDIES

Introduction

The centre was established as a project in 1989 by the Ministry of Women Development, Government of Pakistan. For the last 21 years CEWS has had a special appeal for students from all over the country. The first M.A in Women's Studies in Pakistan began in 1996 at the University of Karachi. In 2002 Centre initiated M.Phil/Ph.D program. From 2004 the discipline of Women's Studies was introduced as a subsidiary course at First Year (Hons.) level. From January 2007 BS (Hons.) 4 years program was launched and from January 2010 M.A (Evening) program has also started. Inspired by our guiding motto that Women's Studies is a catalyst for change, we at the Centre remain engaged in bridging the gap between academic knowledge about women and their every-day life experiences. Innovative courses and seminars offered at the Centre, and research conducted here, aims at generating a functional knowledge base with the purpose of identifying hitherto under-used and neglected human resources for national growth.

Some of the aims of the Centre are to:

- Enhance the participation of women in mainstream national development through an effective and judicious use of information technology;
- Create a better understanding of the scope and concepts of Women's Studies in the context of Pakistan;
- Critically analyze the status and role of women, both historically and contemporaneously;
- Stimulate a dialogue on the status of women in Muslim societies, particularly in Pakistan, to help develop a better comprehension of faith, belief, traditions, and myths;
- Critically evaluate development approaches and strategies as they affect women in particular and the society in general;
- Help develop sustainable strategies for combating health, poverty, and environmental hazards;
- Enable students step into the practical life with trust in their potential as change makers.

Resources at the Centre

The library has about 4000 books, encyclopedia, periodicals, rare books, journals, reports, bibliographies and other official documents. The library maintains press clippings on themes related to women in Pakistan. It also has a separate collection on Madar-e-Millat Mohtarma Fatima Jinnah.

Publications

- *Pakistan Journal of Gender Studies*
- *Directory of Self-Employed Women of Karachi.*
- *The Self-Employed Women of Pakistan: A Perspective.*
- *Beggar Girls of Karachi: A Survey Report* funded by HEC, 2004.
- *Female Home-based Workers: The Silent Work Force* funded by ILO, 2003.
- *Trafficking of Women & Children in South Asia & Within Pakistan: A National Study,*
- A Project of LHRLA supported by CIDA-Pakistan, 2000.
- *Challenge for Change: Literacy for the Girl of Today, the Women of Tomorrow, 1995.*
- *Directory of Experts & Resource Persons in Women & Development in Pakistan, 1994.*

Career Opportunities

Majority of CEWS graduates are now placed at various administrative positions in NGOs, International Welfare Organizations, Research Organizations, Planning and Development, Government, Semi-Government, Private Organizations and Teaching both at the local and national level. CEWS gives priority to its students and employ as cooperative teachers and research associates. Along with this, Graduates of the Centre are working in different International, National and other organizations such as Ministry of Women and Development (MoWD) Islamabad, Women and Development Department (WDD) Sindh, Sindh University (Jamshoro), Karrakurum University, Social Policy Development Centre (SPDC), Aga Khan Rural Support Program (AKRSP), World Wild Life Fund (WWF).

INSTITUTE OF ENVIRONMENTAL STUDIES

Introduction

The subject of environment is multidisciplinary in nature therefore, there was a need to evolve and develop courses at the graduate and post-graduate level, which will involve the elements and fundamental principles of medicine, engineering and science for the solution of environmental problems especially in developing countries like Pakistan. In other words the degrees in Environmental Science will try to solve the problem of acute shortage of man power in the field of environment in the country. The Institute was established in 1982. This is the oldest and pioneering Institute in the field of Environment which is offering M.Phil. and Ph.D degrees. The Institute started offering M.Sc. Postgraduate Diploma and Certificate courses since 1996 and BS program in 2009. The Institute provides excellent air-conditioned lecture hall, well equipped environmental laboratories, library and audiovisual facilities for the students. It is also recognized as a technical Focal Point on Environmental Health Activities of WHO/EMRO.

Facilities

Environmental Biochemistry and Chemistry Laboratory, Environmental Microbiology Laboratory, Pesticide Detection Laboratory, Bio-analytical Laboratory, Instruments Room, Seminar Library, Experimental Field. The laboratories are equipped with latest and sophisticated equipment.

Career Opportunities

After completing two years M.Sc. program and four years BS program the graduates would be able to take up managerial, technical and consultative responsibilities in various industries, multinationals, civic agencies, consulting firms, public health laboratories and organizations, environmental regulatory bodies, educational and research institutions and environmental protection agencies (EPAs). M.Sc. is the most appropriate and unique post graduate program for the in-service professionals who have the above mentioned qualification and would like to improve their professional skills.

Research Activities

Presently research on the following aspects is well underway leading to M.S and Ph.D degrees:

- i. Biodegradation of hazardous waste in extreme environmental conditions.
- ii. Kinetic studies on the biodegradation of phenol and phenolic compounds by the soil microorganisms in bioreactor.
- iii. Ecology of mangroves ecosystem in relation to the physico-chemical habitat.
- iv. Environmental and ecological impact assessment.
- v. Impact of commercially available pesticides on laboratory animals and development of histopathological models.

* Admissions to Master & Diploma Programs are announced in May /June 2011

Publications

A. Environews: A biannual publication of the Institute.

B. Manuals:

1. Environmental Health and Safety Series: Volume 1. Manual of Occupational Health and Safety.
2. Techniques in Environmental Chemistry 1997) (ISBN# 969-8358-00-5).
3. Methods in Environmental Chemistry. (1996).
4. Manual of Microbiology for Health Professional (1994).

C. Case Studies

1. Tasman Oil spill (2004)
2. Health Care Waste Management (2003)

TABLE - I

M- Pharm, MCS& MBA Program

S.No.	Department	No. of Seats	Required Eligibility
1.	<p>Business Administration (03 years 06 Semester Program) (Aptitude Test details are given on Page ii)</p>	50	<p>Graduation (Arts/Science/Commerce/Engineering/Medicine) with at least 50% marks</p>
2.	<p>Computer Science (2 years 4 Semester Program)</p>	70	<p>B.Sc/B.A. with Computer Science/Statistics/Physics (at least 45%) with Maths, from a recognized university</p> <p>B.Sc/B.A/B.Com plus Post graduate Diploma in Computer Science/ Maths/ Statistics.</p> <p>BCS from Karachi University with 2.5 CGPA</p>
3.	<p>M-Pharm (Department of Pharmaceutics)</p>	25	<p>B-Pharm</p>

TABLE - II

BS Program, Faculty of Arts
(Four Years Eight Semesters Programs)

S.No.	Department	No. of Seats	Required Eligibility
1.	Audiology & Speech Pathology	35	Intermediate Arts / Science / Commerce
2.	Economics	100	'A' level/Intermediate (with Economics) / Intermediate Commerce
		50	Intermediate Science (with Physics, Mathematics or Statistics). (In case of vacant seats, allocation of seats can be interchanged on the basis of merit)
3.	Education	25	Intermediate with Education
		15	Intermediate Arts / Science / Commerce
4.	English	50	i) 'A' Level with English ii) Intermediate after O-Level iii) Intermediate with at least 45% marks in Elective English. iv) Intermediate with at least 45% marks in Advanced English v) Intermediate with at least 60% marks in English Compulsory (Admissions will be given according to above)

			order of priority)
5.	International Relations	50 15 05	Intermediate Arts with Civics, General History, Economics, Sociology or Logic Intermediate Science with 1 st division Intermediate Commerce with 1 st division (In case of vacant seats, allocation of seats can be interchanged on the basis of merit)
6.	Mass Communication	48 02	Intermediate (Arts/Science/Commerce/ Home Economics) or equivalent DAE
Note:			
i) Calculation of Merit = (Total % marks + % marks in English + % marks in Urdu) / 3			
ii) For those who do not have Urdu (Compulsory) as a subject in the pre-requisite Exam, the merit formula will be = (Total % marks + % marks in English) / 2			
7.	Psychology	45	Intermediate
8.	Sociology	100	Intermediate Arts, Science & Commerce or Equivalent

9.	Special Education	50	Intermediate Arts, Science & Commerce
10.	Urdu	60	Intermediate
11.	Women Studies	50	Intermediate Pre-Medical, Pre-Engineering, Computer Science, Commerce, Arts, Home Economics, A-Level, DBA, DAE, or any other Diploma from SBTE

BS Program, Faculty of Science
(Four Years Eight Semesters Programs)

S.No.	Department	No. of Seats	Required Eligibility
1.	Actuarial Sciences & Risk Management (Department of Statistics)	50	i) Intermediate, H.S.C or equivalent with Mathematics at least 50% Marks ii) "A" level with Mathematics at least B-Grade (Equivalence certificate would be required)
2.	Agriculture & Agribusiness Management	50	Intermediate Science or equivalent
3.	Applied Chemistry	45	Intermediate Science (with Mathematics, Physics, and Chemistry)
		05	DAE (with Chemical Technology)
4.	Applied Physics (with specialization in Electronics)	40	Intermediate/ "A" Level with Physics and Mathematics at least 45% aggregate marks or equivalent
5.	Biochemistry	65	Intermediate Science (with Chemistry and Biology)
6.	Biotechnology	50	Intermediate Science Pre-Medical / Pre-Engineering
7.	Botany	100	Intermediate Science (With Biology)
8.	Chemistry	60	Intermediate Science (with Chemistry)
		05	DAE
9.	Computer Science (BSCS/BSSE) (Aptitude Test details are given on Page ii)	220 (110 + 110)	H.S.C. (Pre-Engineering) or equivalent, with at least 55% marks, or DAE (Mechanical / Electrical / Electronic / Computer Science) with at least 65% marks
10.	Environmental Studies	50	Intermediate Science or equivalent as approved by the University
11.	Food Science & Technology	35	Intermediate Science with Pre-Engineering & Pre-Medical
12.	Mathematics	140	Intermediate Science / Arts (with Mathematics or Mathematics certificate from University of Karachi) DBA with Mathematics
13.	Physiology	100	Intermediate Science (with Biology)
14.	Physics	45	Intermediate Science (with Physics and Mathematics)
		05	DAE (Electronics, Radio, Mechanical, TV)
15.	Statistics	50	Intermediate Science/Arts (with Mathematics)
		05	DAE (with Mathematics)
16.	Zoology	120	Intermediate Science (Biology Group)

BBA, BPA & BS Commerce Program,
Faculty of Management and Administrative Sciences
 (Four Years Eight Semesters Programs)

S.No.	Department	No. of Seats	Required Eligibility
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1.	Business Administration	50	Intermediate Arts, Science and Commerce (with at least 50% marks)
2.	Commerce	30	Intermediate Commerce
		30	Intermediate Arts / Science
3.	Public Administration	60	Intermediate Arts, Science & Commerce
		10	DBA with Mathematics, DAE

TABLE – III
Certificate Courses, Faculty of Arts

S.No.	Department	No. of Seats	Required Eligibility
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1.	Arabic	50	Intermediate or Equivalent
2.	Child Psychology	50	Intermediate
3.	Human Behavior	50	Intermediate
4.	Mass Communication	50	Intermediate
5.	Persian Language	50	Intermediate
6.	Urdu	60	For Foreigners only (students apply through their consultant)

Certificate Courses, Faculty of Science

S.No.	Department	No. of Seats	Required Eligibility
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1.	Mathematics	50	Intermediate (Matric with Mathematics) or DBA with Mathematics
2.	Petroleum Technology	40	Intermediate Science (Pre-Engineering) Candidate must have 5 years experience in Petroleum Industry

PROCEDURE OF ADMISSION

The list of successful candidates shall be displayed at 4:00 p.m. on _____ at the following places.

- a) Directorate of Evening Program.
- b) Silver Jubilee Gate-1, Main University Road, Karachi.
- c) www.uok.edu.pk

The successful candidates shall contact the department concerned for endorsement of fee vouchers and completion of admission formalities.

The candidates shall be required to pay the prescribed fee given in **Table-IV& V**. The fee shall be collected at the office of the Director of Evening Program as per schedule given in the beginning of this booklet.

Following documents must be submitted at the time of admission to complete the enrollment requirements.

- a) Original marks certificate of the pre-requisite examination passed (not to be returned) and two attested Photostat copies
- b) Photocopy of Matric Certificate (Photocopy of the marks sheet shall not be accepted in lieu of Matric Certificate)
- c) Migration certificate (for candidates who have passed the pre-requisite examination from any Board or University other than Karachi)
- d) Attested Photostat copy of the computerized National Identity Card of the applicant. In case the candidate is below 18 years of age, father's or mother's Identity Card. (The original I.D shall be returned after verification).
- e) Eight latest Photographs (1" x 1")
- f) Original certificate of Hifz-e-Quran (only for BS candidates).
- g) Any other document as may be required by the University.
- h) If admission formalities are not completed in the prescribed dated, the admission will be cancelled automatically and no claim will be accepted.

Date and Timings

- a) Classes shall commence from January, 2011.
- b) Classes in the Evening Program will begin from 3:30 p.m.
- c) The University rules regarding the attendance and promotion from one class to another are the same as applicable to the morning students of the University of Karachi.
- d) **In order to commence teaching, the minimum number of students enrolled in a program shall be:**

➤	Certificate and Diploma	30	
➤	BS	35	
➤	Masters		25

If the minimum number of students do not register by paying the fee in time, the program shall not be initiated and the fee shall be refunded

Important Note:-

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

- B) 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 office of the Director Evening program on payment of Rs. 500/- (Rupees Five Hundred only) and submit it to the same office during **December 6th to December 8th, 2010**(4:00 p.m. to 7:30 p.m). 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.

TABLE – IV
FEE STRUCTURE

Admission Fee

a)	Admission Fees (Shall be Charged at the beginning of each academic year)	Rs. 2,000/-
b)	Enrolment Fee	Rs. 500/-
c)	Development Fee	Rs. 500/-
d)	Caution Money (Refundable)	<u>Rs. 500/-</u>
		<u>Rs. 3,500/-</u>

Tuition Fee (At the Beginning of Every Semester)

MBA & BS Program

1.	Actuarial Science & Risk Management	Rs. 20,000/-
2.	Agriculture & Agribusiness Management	Rs. 20,000/-
3.	Applied Chemistry	Rs. 20,000/-
4.	Applied Physics	Rs. 20,000/-
5.	Biochemistry	Rs. 20,000/-
6.	Biotechnology	Rs. 20,000/-
7.	Botany	Rs. 20,000/-
8.	Business Administration (BBA)	Rs. 27,000/-
9.	Business Administration (MBA)	Rs. 27,000/-
10.	Chemistry	Rs. 20,000/-
11.	Computer Science (BSCS / BSSE)	Rs. 22,000/-
12.	Commerce (B.Com)	Rs. 15,000/-
13.	Economics	Rs. 15,000/-
14.	Education	Rs. 15,000/-
15.	English	Rs. 15,000/-

16.	Environmental Studies	Rs. 20,000/-
17.	Food Science & Technology	Rs. 20,000/-
18.	International Relations	Rs. 15,000/-
19.	Mass Communication	Rs. 19,000/-
20.	Mathematics	Rs. 20,000/-
21.	Physics	Rs. 20,000/-
22.	Physiology	Rs. 20,000/-
23.	Psychology	Rs. 15,000/-
24.	Public Administration (BPA)	Rs. 15,000/-
25.	Sociology	Rs. 15,000/-
26.	Special Education	Rs. 15,000/-
27.	Statistics	Rs. 20,000/-
28.	Urdu	Rs. 15,000/-
29.	Women Studies	Rs. 15,000/-
30.	Zoology	Rs. 20,000/-

CERTIFICATE COURSES

1.	Arabic	Rs. 6,000/-
2.	Mathematics	Rs. 6,000/-
3.	Mass Communication	Rs. 6,000/-
4.	Persian	Rs. 6,000/-
5.	Petroleum Technology	Rs. 6,000/-
6.	Child Psychology	Rs. 6,000/-
7.	Human Behavior	Rs. 6,000/-
8.	Urdu	Rs. 6,000/-

EXAMINATION FEE RS.200/-PER COURSE

FOR FOREIGN STUDENTS

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

Note:

- 1. Fee shall be deposited at the "Directorate of Evening Program" in the form of "Pay Order" drawn in favor of "The University of Karachi" as per schedule given at page ii.**
- 2. Fee once deposited is non-refundable under any circumstances.**

ACADEMIC CALENDAR

First Semester – 2012

Introduction Day _____

Teaching _____

Final Examinations _____

Semester Break _____

Second Semester – 2012

Teaching _____

Final Examinations _____

Semester Break _____

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 Ramazan.
- iii.* Mid-Term Examination shall be held during 8th & 9th week of each semester.
