

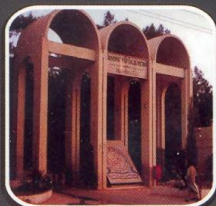


UNIVERSITY OF BALOCHISTAN
QUETTA, PAKISTAN

Masters study program

PROSPECTUS

2012



VICE CHANCELLOR'S MESSAGE TO STUDENTS

The University of Balochistan is a public sectors Higher Education Institution and is the only general University in the Province. It offers teaching/research in almost over forty disciplines. It has all the infrastructure, facilities, faculty and services made available to students. Since its establishment in 1971, the University of Balochistan is disseminating knowledge and is playing its role in the economic development of Pakistan in general and Balochistan in particular.



The Province of Balochistan has immense natural resources such as coal, gas, minerals and marbles. To exploit these resources would instead require a trained human resource. The newly admitted students are advised to make best use of the available facilities and learn all the skills and participate actively in learning process. As a student you have to catch National and International standards so that your role for serving the community become visible. As long as you stay in this University, you need to avoid yourself from active party politics, concentrate only and only to your education. This is what your parents and society expect from you.

Taking into account the geo-political location, the University has to initiate collaboration with regional states in the form of joint research projects, students and faculty exchange. This opens immense opportunities and challenges for you to play your role and solve the problems of this region.

I welcome the newly admitted students in this University with the hope that their stay would be rewarding for their future career.

Prof. Dr. Abdul Nabi
Vice Chancellor

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UNIVERSITY OF BALOCHISTAN

1. Introduction

- 1.1 Establishment of the University of Balochistan synchronized with the emergence of Balochistan as a province of Pakistan. The University came into being with the promulgation of the University of Balochistan Ordinance 1970. Located in a developing region of a developing country, the University has a challenging frame of reference for its functioning. Balochistan is passing through a process of rapid socio-economic development and needs well qualified and competent scientists, professionals, academicians and administrators. The University is cognizant of this need and prepared to provide meaningful higher education to the youth of the province.
- 1.2 The University is committed to develop and sustain an environment conducive to excellence in teaching, learning, research and spread of knowledge. In keeping with the priorities of higher education, the University offers its resources and talent for enrichment and enhancement of quality of life through its programmes of research.
- 1.3 The University offers graduate, postgraduate, doctoral and advanced programmes of studies in Basic Sciences, Management Business and IT, Life Science, Earth and Environmental Sciences, Education and Humanities, Social Sciences and in Literature and Languages Professional Disciplines. BS four years programme of studies in certain disciplines of science are also offered by the University. Besides, University faculty and students organize and conduct community services for the well being of the people, provide leadership in all walks of life, develop potential of the students, channelize energies of the youth and strive for reducing the social and cultural differences through knowledge.

2. Vision

- 2.1 To be a model public University providing affordable quality, higher education opportunities to develop the potentially rich human resource in Balochistan through knowledge-centered teaching and research, thus advancing the prosperity of our region.

3. Mission

- 3.1 Help our students achieve their maximum potential and be equipped for their future careers.
- 3.2 Continue investment in our people, courses, partnerships and facilities to be the leading University in enhancing the student experience.
- 3.3 Undertake and exploit research, create new knowledge which is relevant and thus applied; achieving International Standard in Key Research areas for improving our International ranking.

4. Our Values

The following set of core values inform and sustain all of our activities.

- *Putting students first, with teaching and learning as the core business.*
- *Team work and Synergy*
- *Excellence in teaching and learning willingly and with integrity.*
- *Innovation, creativity and professionalism.*
- *Respect for each other.*

5. Jurisdiction

The main objective of the University is to provide facilities of higher education and research to the people of Pakistan in general and Balochistan in particular. The University fulfills the functions of teaching, research, providing affiliation to colleges and of examining body. Forty-four Colleges (Public/Private/Professional) are affiliated with the University.

6. Governance

- 6.1. The Governor of Balochistan is the Chancellor of the University. The University Senate chaired by the Chancellor, is the Supreme Governing/Legislative Body of the University.
- 6.2. The Vice Chancellor is the Chief Executive of the University. He chairs the Syndicate, the Executive Body of the University, and all other statutory bodies.

7. Administration

7.1	Chancellor	Nawab Zulfiqar Ali Magsi
7.2	Vice Chancellor	Prof. Dr. Abdul Nabi
7.3	Pro Vice Chancellor	Prof. Dr. Mehrab Baloch.
7.4	Registrar	Professor Mohammad Iqbal Kasi.
7.5	Treasurer	Ali Nawaz Magsi
7.6	Controller of Examinations	Professor Ghulam Nabi Baloch
7.7	Director General (Admin./HR)	Engr. Ahmed Sohail Bazai
7.8	Director General (Student Affair)	Professor. Akram Dost Baloch

8. Teaching Faculties

- 8.1. The University of Balochistan began functioning in March, 1971 with the opening of the Departments of Physics, Chemistry and Geology at the postgraduate level. Gradually, other Departments were introduced in Arts, Science and Humanities. At present, the University has 43 departments, two Institutes and six specialized centers of Higher Studies and Research, one constituent Law College and 44 affiliated colleges including Agriculture College, the Bolan Medical College and the Command and Staff College Quetta.

9. Faculty of Students' Affairs

- 9.1. Dean Students Affairs very closely associated by Director General, Students Affairs play the Role of Chief arbitrator in all matters concerning the students. He deals with all matters pertaining to academic / non-academic matters of the students of the University.
- 9.2. **Role and duties of faculty of Students affairs.** The Faculty of Students Affairs performs duties pertaining to academic, Financial, extra-curricular and miscellaneous matters in coordination with the Registrar / Heads of Departments / Deans. Its duties are as follows:
 - 9.2.1. **Academic**
 - 9.2.1.1. Admission of students under category B & C.
 - 9.2.1.2. Selection of students for other universities of the country.
 - 9.2.1.3. Migration from one department to other.
 - 9.2.1.4. Re-admission of struck off cases.
 - 9.2.1.5. Arrange meetings with the Students Advisory Council.
 - 9.2.1.6 Organizing Convocation

10. Programs of Study

10.1.	MA/M.Sc.	:	2 years
10.3.	M.Phil	:	2 years
10.4.	Ph.D.	:	3 years

11. Number of Seats Available

- 11.1. The Total number of seats in each Department/Institute/Center/ in each programme of study, including all categories of reserved seats, shall be 35 (thirty five) per section in each case. The distribution of seats in each department is as under:-
Local / Domiciled Residents of Balochistan. (Category "A" applicants will submit application form to the respective Teaching Department they are seeking admission wherein)

11.1.1.	Local and Domicile of Balochistan - Category 'A'		30
	Open merit: Balochistan	10%	03
	Open merit Quetta District	15%	04
	Open merit: District other than Quetta	75%	23

11.1.2. Personnel Serving in Balochistan - Category "B" 03
(Non-Local & Non Domicile) Daughter/son.

Category "B" Direct dependents (son/daughter/sister/wife/husband) of the Federal Government and Autonomous organizations personnel serving in Balochistan who are non-local/non-domicile of Province.

(Category "B" applicants will submit their application forms to the Deputy Registrar (Students Affairs) by the due date attached with the required documents and an affidavit specimen of which is at appendix: I

11.1.3. Total Seats 35

11.1.4. Category "C" applicants will submit their application forms to the Deputy Registrar (Students Affairs) by the due date with the required documents and an affidavit, specimen of which is at Appendix II.

**Reserved seats for
CATEGORY: C in various disciplines**

Sr.No.	Categories	Allocation of Seats	Procedure
1.	Azad Jamu & Kashmir	Arts Faculty: 01 Science Faculty: 01	Applicants will be nominated by the AJK Government.
2.	Armed Forces	1-Math, 1- Statistics, 1-MCS, 1-MBA, 1-Urdu, 1-Social Work, 1-History 1-Pol. Science, 2-Law	10 Applicants will be nominated by AG's branch, G. H.Q. Rawalpindi.
3.	FATA	History 01 Philosophy 01 Political Science 02 Social Work 02 Urdu 02 Law College 02	Applicants will be nominated by the concerned Federal Ministry
4.	Direct dependents of Pakistanis working abroad (Son / Daughter / Spouse / Brother / Sister)	Arts Faculty: 05 Science Faculty: 05	Application to be submitted through HEC Islamabad.
5.	Foreign Students	Arts Faculty: 02 Science Faculty: 05	Applications to be submitted to the Economic Affairs Division and the Federal Ministry of Education Government of Pakistan through the relevant Embassy in Pakistan
6.	Afghan Refugees	Arts Faculty: 05 Science Faculty: 05	Through Economic Affairs Division, Government of Pakistan (Applicants must possess Computerized NADRA Refugees Card)
7.	N.A. (Norther Area)	Arts Faculty: 01 Science Faculty: 01	Application to be submitted through proper channel.
8.	Direct dependents of University Teachers / Officers / Employees (Son / Daughter / Spouse / Brother / Sister)	Not more than three in each program of studies on merit amongst the applicants.	03 in each program of study Applications to be submitted on prescribed Application Form to the Deputy Registrar (SA) as per admission schedule.
9.	Disabled Persons (Balochistan only)	Arts Faculty: 02 Science Faculty: 02	The disability certificate issued by Balochistan Provincial Standing Medical Board (Provincial Health Directorate has to be submitted.
10.	Sports Quota (Balochistan only) Seven faculties	14 seats 02 seats in each faculty	14 The applicants will have to appear for trails conducted by Director Sports, University of Balochistan. The admission will be granted on merit on the result of the above trails. An expert will be called for each events at the time of interview and sports trails when giving admission to students on Sports Quota Base.

12. To qualify the entry test is mandatory

- 12.1. The Candidates shall have to secure 45% marks to qualify the Entry Test; and appearing in the interview is compulsory for admission; if a candidate fails to appear in the Entry Test and interview on the fixed time and date, he/she will not be considered for admission.

13. Determination of Admission Merit for Master Program - Weightage

13.1. Matriculation	:	10%
13.2. Intermediate	:	20%
13.3. Graduation	:	40%
13.4. Written Test / Interview	:	30%

14. Admission Requirements

- 14.1. Admission in all subjects and classes shall be allowed only to applicants who belong to Balochistan. However, wards of servants of Federal Government or Autonomous Organizations, who have had their previous education in the Institutions of Balochistan, will be eligible for admission only against reserved seats decided by the University. Admission is also available to limited number of foreign students on a separate quota.
- 14.2. Candidates who qualify in the supplementary examination of that year shall not be allowed admission during that year.
- 14.3. Due to limited seats/class rooms, admission to a second or subsequent graduate or Post Graduate degree course in the University is not allowed, except professional degrees, i.e. M.Ed, MBA (Executive), MCS (Self-Finance), Law .
- 14.4. No student shall at one time join or continue on the roll of two or more courses of study, leading to two or more degrees in the same or different faculties or institutions.
- 14.5. Admission will be allowed only to those applicants who have passed the qualifying examination at most two years prior to the year of admission. However in the subjects where the number of applicants is less than the number of seats available in a department, relaxation can be considered.
- 14.6. Student who had got graduate / postgraduate degree as a regular student will not be considered for admission for any degree program. However he/she may apply as a private candidate.

15. Admission procedure

- 15.1. Forms for admission can be obtained from Habib Bank Limited, University Branch, Quetta.
- 15.2. Offices of Teaching Departments shall remain open during office hours to receive admission forms.
- 15.3. Candidates seeking admission shall submit the admission form in duplicate.
- 15.4. Each applicant and his/her guardian or father shall have to sign a declaration that he/she shall abide by all the rules and regulations of the University and he/she shall devote his/her time to studies and *not indulge in politics*.
- 15.5. Three copies of recent passport size Photographs duly attested. Female applicants are also required to furnish 3 Photographs.
- 15.6. Attested copy of character certificate from the Head of the Institution last attended. Candidates qualifying as private candidate shall produce character certificate from a Gazetted Government Officer (17 grade or above).
- 15.7. Attested copy of Provisional certificate of the last qualifying examination.
- 15.8. Attested copy of the Detailed Marks Sheet of the last qualifying examination.
- 15.9. Attested copy of Local or Domicile Certificate of the Province of Balochistan.
- 15.10. Attested copies of all other educational certificates.

- 15.11. In service applicants are required to produce:
- 16.11.1. No Objection Certificate from the Employers.
 - 16.11.2. A Certificate that their hours of employment will not clash with the hours of study.
- 15.12. Original documents will be shown at the time of Interview and will be checked by the Chairman/Admission Committee of the concerned department.
- 15.13. Candidates having qualified from other Boards or Universities shall have to submit, in addition to the above, a migration certificate from the said Board or the University.
- 15.14. Applicants must collect an acknowledgment receipt, for each application, which must be produced at the time of Test/Interview. Process of admission will be completed within prescribed schedule as announced.
- 15.15. The selected candidates will be required to complete the admission formalities by last date announced by the University.
- 15.16. If a candidate fails to make payment of admission dues by last date, his/her seat will stand cancelled.
- 15.17. If a candidate fails to join the department within fifteen days from the date of admission his / her admission will stand cancelled.
- 15.18. Students admitted to M.A./ M.Sc. courses may be allowed to change their subject/department within two weeks from the commencement of classes. Such change will be allowed by the Dean on the recommendation of the Chairperson of concerned department on payment of prescribed fee of Rs.1,000/- and subject to the vacancy of seats in the department where he/she wants to transfer.
- 15.19. List of selected candidates will be displayed only on the Notice Board of concerned Department/Institute/Center on the dates announced in the academic calendar. The candidates are, therefore, advised to check the Notice Board of the respective Department/Institute/Center for information/their admission.
- 15.20. Candidates will not be informed individually about their provisional admission/withdrawal or cancellation of admission and the University, therefore, will not accept any responsibility in this regard.
- 15.21. Student who had got graduate / post graduate degree as regular students will not be considered for admission for any degree program. However he/she may apply as a private candidate.

16. Attendance and re-admission requirements:

- 16.1. Attendance of Lectures, Practical, tutorials and field work, is compulsory for all students.
- 16.2. The name of a student, who remains absent from classes without proper leave for a period of fifteen consecutive days, shall be struck off the rolls of that department.
- 16.3.(i) A student, whose name has been struck off the rolls, may be readmitted for valid reason within two weeks during the same academic year to the same class. This readmission will, however, be allowed by the respective Dean on the recommendation of the Chairman of the Department. Fee for readmission will be Rs.1000/-.
- (ii) If a student fails to apply for readmission within the stipulated period, then he/she will be given two more weeks to apply readmission to the Academic Committee headed by the Dean, Student Affairs. In such a case the re-admission fee will be Rs. 2000/-. After one month, no re-admission case will be entertained in any circumstances. .
- (iii) The re-admission not covered in 16.3 (i) and 17.3(ii) will be dealt by the Central Admission Committee headed by the Pro-Vice Chancellor.

- 16.4 Each student will be required to complete minimum of 75% of attendance in lectures and practical (separately) to be eligible to appear in concerned examinations that year.

17. Procedure for promotion from previous class to the final class.

17.1 If a student is in short of prescribed attendance i.e. 75% in Previous class his / her examination will be detained. However, all the students will be promoted to the next class, if they are on regular roll of the department and if they complete prescribed attendance in final class they will be eligible to appear in the examination of both the classes.

17.2 If a student didn't complete the required attendance in final class his/her examination forms shall be detained. However, he/she will be eligible to appear as an external candidate in the next annual examination. In this regard, the Chairperson of the department will give a certificate that the candidate had at least 40% attendance over the two years time without this certificate and the attendance less than 40% the forms will not be entertained.

18. Students Code of Conduct-Discipline

18.1. No Student shall:

- 18.1.1. Do, or propagate, anything repugnant to Islam within and outside the precincts of the University/College.
 - 18.1.2. Say or do anything which might adversely affect the honour and prestige of Pakistan, the University teachers and his/her educational institution.
 - 18.1.3. Smoke in the classroom, laboratory, workshop, library and examination hall.
 - 18.1.4. Form or associate him / herself with an organization / society / club or any other body promoting inciting parochial / linguistic/regional feelings.
 - 18.1.5. Organize or hold any function in the University except in accordance with the prescribed rules/regulations.
 - 18.1.6. Collect money, receive donations or pecuniary assistance for or on behalf of the University or any University Organization except with the written permission of the Vice Chancellor.
 - 18.1.7. Stage, incite, or participate in a walkout, strike or any other form of agitation which might create, or is likely to create, law and order problem for the University and affect, or is likely to affect, its smooth functioning.
 - 18.1.8. Indulge in immoral activities, use indecent language, wear immodest dress, make indecent remarks, jokes or gestures or behave in an improper manner.
 - 18.1.9. Cause disturbance to others.
 - 18.1.10. Disturb the peace and tranquility of the Institution.
 - 18.1.11. Keep or carry weapons, narcotics, immoral or subversive literature and use non-salutary or abusive language or resort to violence against fellow student or employee of the University.
- 18.2. Violation of any of the above will be considered misconduct and liable to disciplinary action.

18.3. Disciplinary Action

- 18.3.1. Disciplinary action by the Principal of a Constituent /Affiliated College/Chairman of the University Teaching Department/ Director of an Institute/Center and the Discipline Committee against the student(s) may be taken in one or more of the following forms depending upon the severity of the offence:
- 18.3.1.1. A student may be fined.
 - 18.3.1.2. A student may be placed on probation for a fixed period. If during the period of probation he/she fails to improve his/her conduct, he/she may be rusticated or expelled.
 - 18.3.1.3. A student may be suspended from the rolls of a College / Institute / Center / Department for a period not exceeding two weeks at a time.
- 18.3.2. A student may be rusticated / expelled or asked to withdraw from the College/Institute/Center/Department in the manner mentioned in the regulations relating to rustication, expulsion and withdrawal.

19. Regulations Relating to Rustication, Expulsion and Withdrawal

- 19.1. Rustication, whenever imposed on a student, shall always mean the loss of one academic year so far as his/her Examinations are concerned. The period of absence will, however, depend upon the time of the year when the penalty is imposed.
- 19.2. The Vice Chancellor may, at his discretion, permit to rejoin the class in the same College/Department/Institute/Center at the beginning of the next academic year.
- 19.3. A rusticated student once readmitted and again found creating disturbance/indiscipline, etc. will be expelled from the University.
- 19.4. A student expelled from the University shall not be readmitted into the same University without the approval of the Syndicate. Readmission shall in no case be granted before the expiry of one academic year from the date of expulsion.

20. Code of Honor

Being a student in the University is a matter of privilege, prestige and honour. All students are expected to conduct themselves with honor and dignity. The following Code of Honour enunciating the basic principles of conduct expected of a student should be propagated by the Principals of the Constituent Colleges and the Chairmen/Directors of the University Teaching Departments / Institute / Centers:-

- 20.1. All Students must have faith in and respect for the ideology of Pakistan.
- 20.2. All Students must in matters of religion respect the convictions of others.
- 20.3. Every student is expected to:-
 - 20.3.1. Be Loyal to Pakistan;
 - 20.3.2. Obey the Law of the land as well as the rules & regulations of the University;
 - 20.3.3. Maintain law and order as well as the dignity and prestige of the University.
 - 20.3.4. Protect the property of the University;
 - 20.3.5. Show due respect to elders, teachers and outside visitors;
 - 20.3.6. Work hard and co-operate in completing the courses of study within the prescribed period.

21. Facilities

- 21.1. **Central Library** Library plays a vital role in the academic life of a University. The fundamental role of the library being educational, it should not be considered as mere storehouse of books, but as a dynamic instrument of education. The Central Library of the University is organized on these lines. The library collections support not only every course in the curriculum but also include selected stock of general material of books, periodicals, publications, newspapers etc. The total number of books in the Central Library is 150,000. The whole library system is being computerized and online library service will be available through a network after the completion of the computerization process. A large number of International Research Journals are also available on Digital Library. provided by Higher Education Commission and research articles of interest can also be downloaded.
- 21.2. **Digital Library** The University of Balochistan has established a digital library to provide researchers, faculty members and students of the University access to the International scholarly literature. The facility is based on electronic (online) delivery system. The Digital Library also provides access to high quality peer-reviewed journals database and articles on a wide range of discipline. The facility could be availed by the faculty members and students of the University on provision of his/her identification card. The facility is restricted to online journals for the University of Balochistan through University of Balochistan website i.e. www.uob.edu.pk
- 21.3. The internet connectivity and link to Digital Library provided by the Information Technology Directorate has access to over 4,000 books and 22,000 online journals. For maximum utilization of Digital Libraries all over the World, the Directorate of Information Technology has established a Computer Lab in the Central Library and ensured its operation during University working hours, so that the students may benefit from it. This all has become possible due to the high speed connectivity of PERN (Pakistan Educational Research Network). The number of Computer Units in the digital library has been increased to 80.

- 21.4. **Computer Laboratories** Computers have been provided to the Departmental Computer Laboratories. This service is provided to the Central Library and to the Academic Departments/Institutes/Centers and available over long hours. In the Central Labs, PCs are provided, offering a range of standard office software for document creation and presentations. Specialist provision is available to support research and advanced study within the University. Computers in all departments / institutes / centers / sections are connected to the University's main server through Local Area Network and Wide Area Network (LAN/WAN) giving access via the internet to the major information, research and communications networks worldwide.
- 21.5. **Video Conference Center** The University of Balochistan with the help of Higher Education Commission has established a Video Conferencing Center. The main objective of this Video Conference is to enhance student-teacher interaction through distance learning at global-level, bridge the gap of good faculty, meet the shortage of faculty members at the University and ultimately to uplift the standard of education in Balochistan.
- 21.6. **Hostels** There are 15 double storey blocks of hostels on the Campus for male students with a total capacity for 1040 residents, while one block under construction is now complete with a capacity of 260 students. For female students and Lady Teachers, there is a hostel block with 64 rooms to accommodate 210 inmates. The students' hostels have all the facilities e.g. Furniture, Mess, Common Room, T.V. Lounge, Telephone etc. Hostel administration consists of Senior Provost, Provosts, Senior Warden, and one Resident Warden for each hostel.
- 21.7. **Medical Center / Health Care** A Medical Centre for meeting the needs of the community is functioning. It is reasonably equipped, looked after by two doctors (Male and Female) and assisted by qualified staff at the Campus. Complicated cases are referred to the specialists in the Civil Hospital, B.M.C. Complex, C.M.H. and Children Hospital. Ambulance service is also available in case of emergency.
- 21.8. **Bank and Post Office** A branch of Habib Bank and Post Office are available with in the premises of the University.
- 21.9. **Transport** The University of Balochistan operates a fleet of buses which provide Pick and Drop facility to the students. Transport facility is also available for social-work field work and field visits of students of Geology, Botany, Zoology and other departments on need basis.
- 21.10. **Study Tour** Students Study Tours are considered educational as well as part of the University's co-curricular activities. Each student may participate at least once in a study tour arranged by the concerned Teaching Department during his/her stay at the University. Study tours are partly financed by the students and supplemented by the University, subject to availability of funds.
- 21.11. **Co-Curricular Activities**
- 21.11.1. **Golden Week.**
- 21.11.1.1. The University places due emphasis on co-curricular activities to ensure overall grooming of the personality of its students. Co-Curricular activities form an integral part of the University's endeavors to provide its students an opportunity to build up skills and gain experience in so many fields.
- 21.11.1.2. By encouraging its students to participate in co-curricular activities the University makes a conscious effort to build and strengthen their confidence required to meet the challenges of practical life effectively.
- 21.11.1.3. Dramatics, Debate competitions, Art exhibitions, Poetry writing Competitions, Quiz Competitions, Dialogues and Essay Writing Competitions are some of the co-curricular activities that are managed by the University during the Golden Week.

- 21.11. **Sports Week** Special endeavors are made to organize games and sports on the campus. There are well established play grounds for football, cricket, basketball, volleyball and Tennis. The students have been participating in the National, Provincial and Inter- University tournaments and have won many prizes. The University organizes regular activities in a number of sports and games. It also arranges Inter-University sports competitions in Athletics, Football, Hockey, Volley Ball, Cricket, Badminton, Table Tennis, Tug of War, Basket Ball etc. Separate sports facilities exist for girls. The sports activities are looked after by the Director of Sports. A National level Gymnasium has been built that provides indoor sports activities.
- 21.12. **Audio Visual Aids** Audio-visual aids are used in the class rooms, seminars and conferences to facilitate the students learning process.
- 21.13. **Tutorial and Guidance** Tutorial and Guidance service is available to the University students. The Tutors Facilitates the learning process of the students and enable them to make positive use of the educational facilities available in the University. The faculty members provide guidance and counseling to the students in the establishment of their educational and professional goals. During the course of studies, the Tutors keep in touch with the progress and development of the students and help to solve some of the individual psychosocial problems which are likely to obstruct their academic performance.
- 21.14. **Career Counseling Cell** A Career Counseling Cell exists to guide the students for their future career/jobs. It helps the students to establish and achieve their vocational goals and solve some of their individual queries. It also arranges lectures/presentations by future employers.
- 22.15 **Quality Assurance Cell**
- 22.15.1 Developing a viable and sustainable mechanism of QA in Balochistan University in order to meet the rising challenges of transforming the Province into a knowledge economy.
- 22.15.2 To execute the program on quality assurance at the University of Balochistan through internal assessment
- 22.16 **Student Financial Aid Office**, Responsible for awarding scholarships under HEC's different schemes annually.

AFFIDAVIT SPECIMEN

Category B

(Balochistan Non-local / Non-domiciled Applicants who are
→ Direct dependents of personnel serving in Balochistan
(Son/Daughter, Brother /Sister, Husband/Wife)

(to be submitted on judicial stamp paper along with attested Photostat/ copies of N.I.C. of the applicant and the deponent)

Applicant: _____

Father : _____

N.I.C. No of Applicant: _____

Address: _____

The deponent declares on oath / solemn affirmation that the Applicant _____ S/O _____ seeking admission in the _____ Department of University of Balochistan, Quetta is my:

(a) Son/Daughter: (b) Real Brother / Real Sister (C). Husband / Wife

The deponent swears / solemnly affirms that the above said declaration submitted is true and that it conceals nothing and that no part of it is false.

Deponent.

Name. _____
Designation _____
Father. _____
N.I.C. No. _____

CERTIFICATION

It is certified that Mr. Miss/Mrs. _____ S/D/W/O _____ is an employee of _____ Designation _____ and at present serving in the province of Balochistan from _____

Attested by:
Magistrate/Oath Commissioner

Signature
Head of the Organization
(Name & Stamp)

Name: _____
Designation: _____

Category C

Affidavit Specimen

(To be submitted by the University Teacher / Staff / Employee on
Judicial stamp paper along with the photostate copies of the
CNIC of the applicant and the deponent.)

Applicant : _____
Father : _____
CNIC No. : _____
Address : _____

I. The deponent declares on oath /solemn affirmation that the applicant _____
seeking admission in the Department of _____ University of Balochistan, Quetta is my:

- (a) Son / Daughter (b) Real Brother/Real Sister (c) Husband/Wife
II. The deponent swears / solemnly affirms that the abovesaid declaration submitted is true
and that it conceals nothing and that no part of it is false.

DEPONENT

Name: _____
Designation: _____
CNIC No.: _____

CERTIFICATE

It is certified that Mr. Miss / Mrs. _____ S/D/W/O _____ is
An employee of _____ designation _____ and at
present serving in the deptt/ section _____ of Balochistan.

Signature
Head of Deptt
(Name & Stamp)

Name: _____
Designation _____

UNDERTAKING BY THE STUDENT

(To be submitted on judicial stamp paper)

(As per order of the Supreme Court of Pakistan dated 1st July 92)

I am seeking admission in the University of Balochistan, Quetta do hereby undertake that while studying in the University I will not indulge in any sort of politics. And if ever during my studentship I am found indulging in politics, I may be expelled from the University without any notice.

Signature of the applicant

UNDERTAKING BY THE PARENT / GUARDIAN

(This undertaking is also to be submitted on Judicial stamp paper separately)

(As per order of the Supreme Court of Pakistan dated 1st July, 92)

I _____ Parent/Guardian of _____ who is seeking admission in the University of Balochistan, Quetta do hereby undertake that while studying in the University he/she shall not indulge in any sort of politics. And if ever during the studentship is found indulging in politics, he/she can be expelled from the University without any notice.

I also undertake that the findings with regard to his/her indulgence in politics given by the competent authority of the University under his seal and signature shall be final and shall not be questioned except only before the Supreme Court of Pakistan.

Date: _____

Signature of the Parent /Guardian

(UNDERTAKING BY THE CANDIDATE)

(To be signed by the student at the time of admission in the Educational Institutions) I solemnly undertake that:

- I.
 - i. I do not hold Master's Degree in any subject.
 - ii. I am not enrolled at present in any of the University teaching Department / Institute / Centers / affiliated College.
- II. I shall make one person literate so that he she will be able to:
 - i. Write his / her name.
 - ii. Make Simple calculations.
 - iii. Read and write a simple statementOR
Read and writ Qurani Quaida e.g "Yassarnal Quran"

Signature of the Candidate.

N.B. FOR FURTHER INSTRUCTIONS PLEASE SEE EXTRACTS OF ADMISSION RULES.

CODE OF CONDUCT

1. I solemnly undertake to abide by the following Code of Conduct:
 - 1.1. That during my stay in the University, I shall diligently apply myself to acquire and develop the knowledge, skills and attitudes necessary for the practice and advancement of the field of study in which I will be enrolled.
 - 1.2. I shall participate fully and whole-heartedly in sports, games and other co-curricular activities.
 - 1.3. I shall have minimum attendance of 75% in order to qualify for the examinations.
 - 1.4. That I shall maintain identity as a student of the University by wearing the gown or badge as may be prescribed by the University.
 - 1.5. That I shall never use violence or threat of violence or other sort of pressures in resolving any dispute. I shall only use logic, persuasion, petition, appeal, revision, review and other legal and peaceful methods for the settlement of differences and disputes.
 - 1.6. That in any conflict or disputes if any with fellow students or teachers or employees of the University. I shall accept the judgment of the authorities constituted by the University.
 - 1.7. That I accept all provision of the statutes, regulations and rules of the University or the statutes, regulations and rules as may hereafter be framed by the appropriate authorities of the University.
 - 1.8. I will deposit my admission fee after declaration of admission, if I fail my admission had been cancelled will not claim any right of it.
2. Further I undertake to refrain from:-
 - 2.1. Doing anything which may cause insult to Head of the Institution, teachers, officers and other staff of the institution.
 - 2.2. Holding a gathering, or meeting, or taking out processions in any part of the University Campus other than areas specified for the purpose, and with due permission.
 - 2.3. Indulging in any kind of unfair means, malpractice in examinations and coercion by any means.
 - 2.4. Allowing or abetting the entry into the premises of the University of expelled students, antisocial elements or other groups whose presence on the campus could cause conflict amongst the students.
 - 2.5. Bringing into the campus, consuming or encouraging consumption of alcoholic products, drugs and narcotics, and indulging in acts of moral turpitude.
 - 2.6. Bringing or keeping any type of weapons within the University premises.
 - 2.7. Using or occupying any room or part of any building of the institution without lawful authority.
 - 2.8. Damaging any University property including buildings, equipments, vehicles etc. in any manner.
 - 2.9. From all such acts and deeds as might bring disgrace and bad name to the University.

Countersigned by Parents / Guardians

(Signature of the Candidate)

FEE STRUCTURE OF VARIOUS COURSES OF STUDIES FOR 2012 ADMISSION

FEE STRUCTURE		
M.A/M.Com/B.Com (Two year study program)		
SUBJECTS:		
Balochi, Brahui, Pashto, Persian Urdu, I.R., History, Media & Journalism, Social Work, Economics, Psychology, English, Sociology, Islamic Studies, Pol Science, Philosophy, Commerce,		
Accounts	Dues at the time of Admission Previous year	Dues for Final Year
• Admission fee	1000	1000
• Tuition fee	1800	1800
• Security fee (Non refundable)	300	
• ID card	50	50
• Student Cultural	150	150
• Sport fee	500	500
• Transport fee	800	800
• Field Work	400	400
• Library fee	300	300
• Library Security (50% Refundable)	2000	-----
Total	7300	5000

FEE STRUCTURE		
Masters in Science (M.Sc) (Two year study program)		
SUBJECTS:		
Bio-Chemistry, Botany, Zoology, Geography, Mathematics, Statistics, Chemistry, Physics, Microbiology, Geology		
Accounts	Dues at the time of Admission Previous year	Dues for Final Year
• Admission fee	1000	1000
• Tuition fee	1800	1800
• Security fee (Non refundable)	300	
• ID card	50	50
• Student Cultural	150	150
• Sport fee	500	500
• Computer Lab fee	1000	1000
• Transport fee	800	800
• Field Work	400	400
• Laboratory	500	500
• Library fee	300	300
• Library Security (50% Refundable)	2000	-----
Total	8800	6500

FEE STRUCTURE		
Masters in Computer Science (2 years morning program of study)		
Accounts	Dues at the time of Admission 1st & 2nd semester	Dues for 3rd, & 4th semester
• Admission fee	1000	1000
• Tuition fee	10200	10200
• Identity Card	50	50
• Student Cultural	150	150
• Sports fee	500	500
• Transport fee	800	800
• Computer Laboratory fee	1000	1000
• Library fee	300	300
• Departmental Hardware fee	4000	----
• Library Security fee (refundable)	2000	-----
• Examination fee	3500	3500
Total	23500	17500

FEE STRUCTURE							
Masters in Business Administration (MBA) (Morning) 3 years 7 semester							
Accounts	University Dues						
	For total duration of course 1st Semester	2nd Semester	3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester
• Admission fee (one time)	3000						
• Tuition fee	9600	9600	9600	9600	9600	9600	9600
• Security money (non Refundable)	300						
• Student Cultural	300		300		300		300
• Sports fee	500		500		500		500
• Transport fee	800		800		800		800
• Computer Lab fee	1000		1000		1000		1000
• Library fee	300		300		300		300
• Library Security fee (refundable 50%)	2000		-----		-----		-----
Total	17800	9600	12500	9600	12500	9600	12500
Grand total	84100						

FEE STRUCTURE				
Masters in Public Administration (MPA) (Morning)				
2 years 4 semester				
Accounts	For total duration of course 1st Semester	Dues for 2nd semester	3rd semester	4th semester
• Admission fee	2000	-----	-----	-----
• Tuition fees	4200	4200	4200	4200
• Security money (non Refundable)	300	-----	-----	-----
• Student Cultural	300		300	
• Sports fee	500		500	
• Transport fee	800		800	
• Computer Lab fee	1000		1000	
• Library fee	300		300	
• Library Security fee (refundable)	2000		-----	
Total	11400	4200	7100	4200

FEE STRUCTURE	
M.Ed (one year)	
Accounts	Dues at the time of Admission Previous year
• Admission fee	1000
• Tuition fee	2400
• Security fee (Non refundable)	300
• ID card	50
• Student Cultural	150
• Sport fee	500
• Transport fee	800
• Field Work	400
• Teaching Aid	600
• Library fee	300
• Library Security (50% Refundable)	2000
Total	8500

FEE STRUCTURE Masters in Library & Information Science (MLIS)		
Accounts	Dues at the time of Admission Previous year	Dues for Final Year
• Admission fee	100	100
• Tuition fee	3000	3000
• Security fee (Non refundable)	300	
• ID card	50	50
• Student Cultural	150	150
• Sport fee	500	500
• Transport fee	800	800
• Field Work	900	900
• Library fee	300	300
• Library Security (50 % Refundable)	2000	-----
• Computer Lab	1000	1000
Total	10000	7700

Fee Instructions

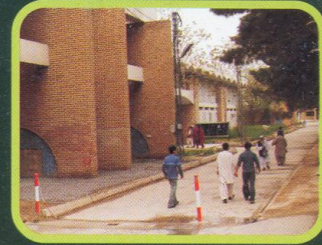
Note:- i). Hostel Room Rent @ Rs. 100/- Per Month. Rs. 1200/- per Year.

ii). Hostel Room Rent for Self Finances @ Rs. 1000/- Per Month. Rs. 12000/- per Year.

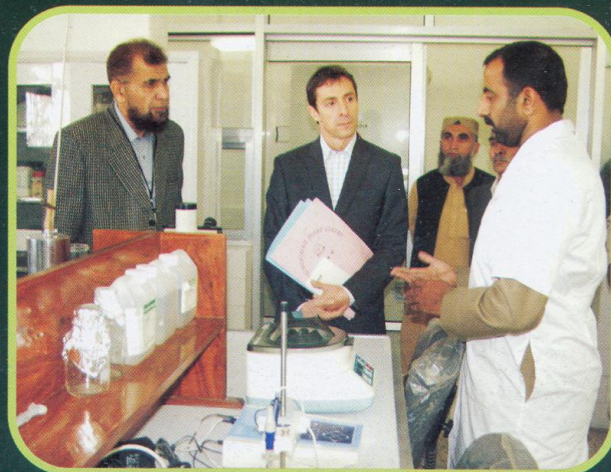
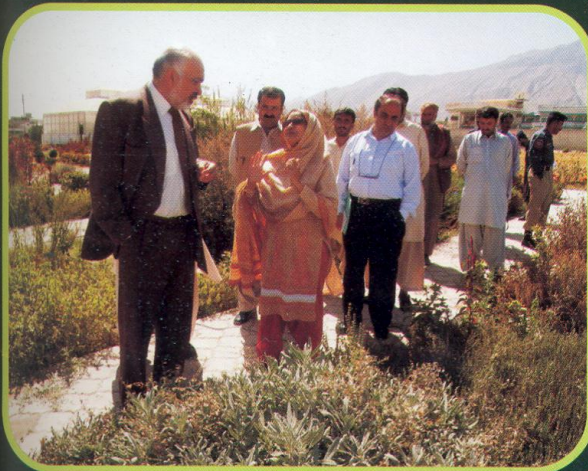
Note:- All fee may be deposited after declaration of admission with in a week time, the candidate failed to deposit fee his/her admission will be consider cancelled and the student at the top of the waiting list will be considered admitted and he/she will deposit his/her fee. No fee deposit in installment will b allowed.

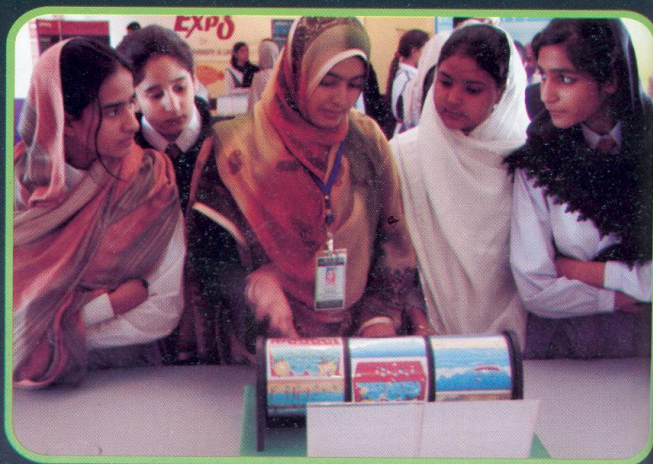
** Fee deposited in previous will be increased 10% in final year.

Department of Physics
Department of Chemistry
Department of Mathematics
Department of Statistics



Faculty of Basics Sciences





DEPARTMENT OF PHYSICS

1. Introduction

- 1.1. Physics is a fundamental science dealing with natural forces, forms and material sciences. It exerts a vital and dominant role in the development of other scientific disciplines. Physics has a direct impact on society, economy, science and technology.
- 1.2. The Department of Physics is one of three pioneer science departments, which were introduced at the time of the establishment of University of Balochistan, Quetta in 1971. The renowned educationist Professor Dr. Syed Bande Hasan Abidi was appointed as first Chairman of the Physics Department.

2. Objectives

- 2.1. To produce post graduates professionals who can be effectively function at national/ international levels. To provide educational programs which encourage students to think creatively, and constructively to communicate their ideas effectively.
- 2.2. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.3. To prepare qualified and focus professionals to meet the national institutes, industry, science and technology.
- 2.4. To prepare researchers to meet the emerging needs of industry and research organizations.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Pakistan Atomic Energy Commission (P.A.E.C), KRL, SUPARCO, CENAR, Survey of Pakistan. Geological Survey of Pakistan I.T based services, Commercial and financial public and private organizations.
- 3.2. Various industries dealing in scientific and electronic equipment.
- 3.3. Provincial/ Federal Colleges/ Universities/ Research Institutes.
- 3.4. Information Technology based information
- 3.4. Multi-National Companies.
- 3.5. Teaching jobs in schools, colleges and universities.

4. Faculty

Sr. No.	Name	Designation	Qualification	Field of Specialization
1	Prof. Dr. Sher M. Nasir	Professor / Chairperson	Ph.D.	Renewable Energy (Solar/wind) Environmental Science
2	Dr. M.Ashfaq Ahmed (Retired) on contract	Professor	Ph.D.	Solid State Physics Photoacoustic Spectroscopy of Condensed Matter
3	Prof. Dr. Syed Mohsin Raza	Meritorious Professor	Ph.D.	Condensed Matter Physics, Mathematical Modelling and Simulation
4	Mr. Fazlur Rehman	Assistant Professor	M.Phil	Solid State Physics, Dielectric Properties of Condensed Matter
5	Mr. Muhammad Ali	Assistant Professor	M.Sc.	Electronics / Nuclear Physics
6	Mr. Shahab Naseem	Assistant Professor	M.Phil	Electronics, Solid State Physics
7	Mr. Muhammad Latif	Assistant Professor	M.Phil	Spectroscopy
8	Syed Abdul Sattar Agha	Assistant Professor	M.Phil	Semiconductor, Electronics

09	Abaidullah Khan	Lecturer	M.Sc.	Electronics
10	Muhammad Hussain	Lecturer	M.Sc.	Electronics
11	Fareed Khan	Lecturer	M.Sc.	Electronics
12	Ajab Khan Kasi (on Study) Leave)	Lecturer	M.Sc.	Electronics
13	Muhammad Sohail(on Study)	Lecturer	M.Sc.	Electronics
14	Jafar Khan Kasi (on Study)	Lecturer	M.Sc.	Electronics
15	S. Muzamil Ali Bukhari (on Study)	Lecturer	M.Sc.	Electronics
16	Muhammad Ather Qureshi (onSL) Study)	Lecturer	M.Sc.	Electronics
17	Syed Wajahat Ali	Lecturer	M.Sc.	Electronics
18	Ahmad Bilal	Lecturer	M.Sc	Electronics
19	Shehzad Ahmed	Lecturer	M.Sc	Electronics
20	Iram Naz	Lecturer	M.Sc	Electronics
21	Sana Idrees	Lecturer	M.Sc	Electronics

5. Programs of Study

5.1 M. Sc. Physics with specialization (see courses below)

5.2 M.S/M. Phil. and PhD in Physics by approved criteria of HEC. **(Courses available separately)**

6. Description of Courses for M.Sc

6.1 All courses in M.Sc. (Previous) are compulsory. The specialization is offered in M.Sc.(Final) in the area of 'Electronics' 'Communication Systems', "Environmental Physics" and Solid State Physics. The breakdown of courses is as under.

6.2 M.Sc. Physics (Previous)

Paper	Course Title (Compulsory)	Marks
I	Mathematical Methods of Physics	100
II	Classical Mechanics	50
III	Thermal and Statistical Physics	50
IV	Electromagnetic Theory	100
V	Electronics	50
VI	Solid State Physics	100
.....	Functional English	50
	Sub total	500
	Lab Work	
Practical 1	Experiments on Physical Constants, Spectroscopy and Modern Physics	100
	Experiments on Electronics, Oscillators & Op. Amplifiers	100
	Total Marks	700

6.3 M.Sc. Physics (Final)

Paper	Course Title	Marks
COMPULSORY		
VII	Quantum Mechnaics	100
VIII	Nuclear Physics	50
IX	Atomic and Molecular Physics	50
X	Computational Physics	100
XI	Digital Electronics	50
XII	Research Paper & Presentation	100
Practical-III	Experiments on Solid State Physics and Nuclear Physics	100
Practical-IV	Experiments on Digital Electronics or Practical-IV	50
Total Marks		600

6.4 A. Specialization in Electronics

Paper	Course Title	Marks
XII-A	Microprocessor-I	50
XIII-A	Microprocessor-II	50
Practical-V-A	Experiments on Microprocessors	50
Sub Total		150

6.5 B. Specialization in Communication Systems

Sr. No.	Course Title	Marks
XII-B	Communication System I	50
XIII-B	Communication System II	50
Practical V-B	Experiments based on Communication Systems	50
Total		150

6.6 C. Specialization in Solid State Physics

Sr. No.	Course Title	Marks
XII-C	Electrical Properties of Solids-I	50
XIII-C	Magnetic Properties of Solids-II	50
Practical-V-C	Experimnts on Solid State Physics	50
Total		150

6.7 D. Specialization in Environmental Sciences

Sr. No.	Course Title	Marks
XII-D	Introduction to Environmental Sciences -I	50
XIII-D	Environmental Physics-II	50
Practical-V-D	Experiments on Environmental Sciences	50
	Total	150

6.8 E. Specialization in Renewable Energy (Start later on)

Sr. No.	Course Title	Marks
XII-E	Renewable Energy Resources	50
XIII-E	Meteorology	50
Practical-V-E	Experiments on Renewable Energy	50
	Total	150
	Grand Total	750

- 6.9 Courses for MS/M.Phil in Physics, energy and Environmental Physics are approved by academic council, University of Balochistan, Quetta.
- 6.10 Student registered for M.Phil / Ph.D has to complete the requisite number of credit hours for course work as laid down in Higher Education Commission regulations for the said degree. A thesis based on original research work will also be submitted and defended.
(see M.Phil / Ph.D. rules and regulations)

7. Eligibility Criteria for Admission

- 7.1. B.Sc. with Physics and Mathematics

8. Facilities

8.1 Teaching Laboratories: - The Department of Physics has four laboratories.

- 8.1.1 Dielectric Measurements of Condensed Matter,
- 8.1.2 Communication Systems
- 8.1.3 Microprocessors
- 8.1.4 Energy Physics/Environment
- 8.1.5 Digital Electronics

8.2 The research work is also carried out in the areas of Theoretical Physics (Mathematical Modeling and Simulation, Solid State Physics), Renewable Energy (Solar & Wind), and Environmental Science.

8.3 **Computer Laboratory:**- A computer laboratory is available for M.Sc. students which is also used by research scholars/teachers of the Department.

8.4 **Departmental Library:**- The Departmental Library is managed by a qualified librarian and has over 2000 books covering a wide range of disciplines in Physics for teaching and research purposes. These books are in addition to more than 2500 titles of Physics books stocked in Central Library, University of Balochistan

8.5 **Internet Facility:**-The internet facility is also available in all laboratories, library and room for the teachers. A large number of International Research Journals are also available on Digital Library provided by Higher Education Commission and research article of interest can also be down loaded.

DEPARTMENT OF MATHEMATICS

1. Introduction

- 1.1. The Department of Mathematics started functioning in 1972 with a small number of students and only one regular staff member. In 1980, it emerged as a full fledged department. The Department has now 16 staff members and is offering M. Sc, M. Phil and Ph. D in the fields of Pure and Applied Mathematics.
- 1.2. Mathematics is fundamental and indispensable to a large part of modern Science and Technology. Progress in other disciplines is often linked to an increased use of Mathematics. Mathematics is however also a subject in itself and fundamental research is a necessary condition for its many applications.

2. Objectives

Mathematics is the backbone of all disciplines. It has extensive applications in Physics; engineering, economics, geography, computer science, statistics; social science and many other fields. Our aim in this department is;

- 2.1. To provide a variety of courses for students.
- 2.2. To provide a source of qualified and focused professionals in the subject of Mathematics to meet the future needs of educational institutes or Industry.
- 2.3. To prepare researchers to meet the needs of industry and research organizations, Science and Technology.
- 2.4. Having completed their course students will have knowledge of such basic ideas as rigorous argument, formal proof and the power of formulation and solution of problems, together with deeper ideas of mathematics in which they have decided to specialize.
- 2.5. The students of good mathematical ability will have developed their ability to work independently.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Banking, Scientific and technological institutes such as SUPARCO, Atomic Energy Commission, PASTIC, and Pakistan Science Foundation.
- 3.2. Teaching Jobs in Colleges and Universities.

4. Faculty

Sr. No.	Name	Designation	Qualification	Field of Specialization
1	Mr. Saleem Iqbal	Assistant Professor/ Chairperson	M.Phil	Fourier Analysis
2	Dr. Lalarukh Kamal	Professor	Ph.D.	Math Modeling in Renewable Energy
3	Mr. Muhammad Akram	Assistant Professor	M.Phil	Ternary Algebra
4	Mr. Arbab Ghulam Mustafa	Assistant Professor	M.Sc.	Complex Analysis
5	Mr. Arbab Abdul Sattar	Assistant Professor	M.M.Phil	Algebra
6	Mr. M. Umar Farooq	Assistant Professor (Long Leave)	M.Sc.	Quantum Mechanics

Sr. No.	Name	Designation	Qualification	Field of Specialization
7	Mr. Israr Ahmed	Assistant Professor	M.Phil	Solar Energy
8	Mrs. Azim Bano	Lecturer	M.Sc.	Statistics
9	Mr. Habeebullah	Lecturer	M.Sc.	Statistics
10	Mr. Arbab Ghulam Raza	Lecturer	M.Sc.	Differential Geometry
11	Mr. Sardar Muhammad	Lecturer	M.Sc.	Real Analysis
12	Mr. Naveed Sheikh	Lecturer (Study Leave)	M.Phil	Fluid Mechanics
13	Miss. Sidra Shuja	Lecturer	M.Sc.	Applied Math
14	Mr. Abdul Rehman	Lecturer (Study Leave)	M.Phil	Applied Math
15	Miss. Sana Jaffar	Lecturer	M.Sc.	Applied Math

5. Programs of Study

- 5.1. Post-graduate courses leading to M.Sc., M.Phil. and Ph.D. Degrees.
- 5.2. The M.Sc. course is a two years degree program based on taught courses work.
- 5.3. M.Phil./Ph.D. has to complete the requisite number of credit hours for course work as laid down in Higher Education Commission regulations for the said degrees.

6. Description of Courses

S.No.	Paper	Title	Maximum Marks
1	I	(i)Algebra (ii) Complex Variables	100
2	II	(i)Real Analysis-I (ii) Real Analysis-II	100
3	III	(i)Differential Equations (ii) Differential Geometry	100
4	IV	(i)Dynamics (ii) Fluid Dynamics/Measure Theory	100
5	V	Operational Research I & II	100

Sr. No.	Name	Designation	Qualification	Field of Specialization
7	Mr. Israr Ahmed	Assistant Professor	M.Phil	Solar Energy
8	Mrs. Azim Bano	Lecturer	M.Sc.	Statistics
9	Mr. Habeebullah	Lecturer	M.Sc.	Statistics
10	Mr. Arbab Ghulam Raza	Lecturer	M.Sc.	Differential Geometry
11	Mr. Sardar Muhammad	Lecturer	M.Sc.	Real Analysis
12	Mr. Naveed Sheikh	Lecturer (Study Leave)	M.Phil	Fluid Mechanics
13	Miss. Sidra Shuja	Lecturer	M.Sc.	Applied Math
14	Mr. Abdul Rehman	Lecturer (Study Leave)	M.Phil	Applied Math
15	Miss. Sana Jaffar	Lecturer	M.Sc.	Applied Math

5. Programs of Study

- 5.1. Post-graduate courses leading to M.Sc., M.Phil. and Ph.D. Degrees.
- 5.2. The M.Sc. course is a two years degree program based on taught courses work.
- 5.3. M.Phil./Ph.D. has to complete the requisite number of credit hours for course work as laid down in Higher Education Commission regulations for the said degrees.

6. Description of Courses

S.No.	Paper	Title	Maximum Marks
1	I	(i)Algebra (ii) Complex Variables	100
2	II	(i)Real Analysis-I (ii) Real Analysis-II	100
3	III	(i)Differential Equations (ii) Differential Geometry	100
4	IV	(i)Dynamics (ii) Fluid Dynamics/Measure Theory	100
5	V	Operational Research I & II	100

M.Sc. Final (Applied/ Pure)

S.No.	Paper	Title	Maximum Marks
1	VI	(i)Mathematical Methods I (ii) Mathematical Methods II / Topology I & II	100
2	VII	(i)Relativity (ii) Quantum Mechanics/ (i)Number Theory-I (ii) Theory of Functions-I OR nEAR rING tHEORY	100
3	VIII	(i)Mathematical Statistics I (ii) Mathematical Statistics II	100
4	IX	(i)Numerical Methods I (ii) Numerical Methods II OR numerical Computation (i)Language C++ (ii) MATLAB	100

* On availability of teachers and other facilities

Note: (i) A paper of Functional English of 50 marks.

7. Eligibility Criteria

- 7.1 BA/BSc (or equivalent) with Mathematics A- Course.
- 7.2. Passed B.Sc. at most two years prior to the year of admission.
- 7.3. Professional degree holders (B. E etc) and B. Com are not eligible

8. Facilities

- 8.1 **Departmental Library.**
 - 8.1.1. Departmental library has about 200 books.
- 8.2 **Computer Lab**
 - 8.1.2. Department has 13 computers in the Lab and in the rooms of teaching staff who are engaged in research activities.
- 8.3. **Internet Facility**
 - 8.3.1. The Internet facility is available in the Departmental Laboratory as well as in the rooms of teaching staff. A large number of Books and international research journals are also available on Digital Library provided by Higher Education Commission and research articles of interest can also be down loaded.

DEPARTMENT OF STATISTICS

1. Introduction

- 1.1. Statistics is a fundamental science which exerts a vital and dominant role in the development of other scientific disciplines. Statistics also has a direct impact on society and economy besides science and technology.
- 1.2. The Department of Statistics was established in March 1979. Prof. Joseph Elfenbein was the founder of the Department. Mr. Muhammad Younis Ali and Mr. Muhammad Naim Sajjad were lecturers with him. The Department was initially accommodated in Faculty of Arts and then came among the Faculty of Physical Sciences.

2. Objectives

- 2.1. To prepare researchers to meet the needs of agriculture, industry, research organizations and educational institutions of Pakistan.
- 2.2. To maintain conducive environment for learning and research.
- 2.3. To develop the department as a centre of excellence in Statistics teaching and research in the province of Balochistan
- 2.4. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.5. To provide qualified and focused professionals in the field of statistics who have good mastery of several standard statistical software packages.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Educational Institutions, Colleges and Universities.
- 3.2. Public / Private Research Organizations, Administration, Planning and Finance
- 3.3. Banking/Health/Agricultural
- 3.4. Energy Sector

4. Faculty

S.No.	Name	Designation	Qualification
1	Mr. Muhammad Naim Sajjad	Associate Professor	M.Sc.
2	Mr. Muhammad Iqbal Kasi	Associate Professor	M.Sc.
3	Mr. Zahoor Ahmad Kasi	Assistant Professor / Chairperson	M.Sc.
4	Dr. Yasmin Zehra Jafri	Assistant Professor	Ph.D.
5	Mr. Muhammad Wasim Malik	Assistant Professor	M.Sc.
6	Dr. Syed Haider Shah	Assistant Professor	Ph.D.
7	Mr. Muhammad Zaman	Assistant Professor	M.Sc.
8	Mr. Ghulam Farooq	Assistant Professor	M.Sc.

S.No.	Name	Designation	Qualification
9	Dr. Farhat Iqbal	Assistant Professor	Ph.D.
10	Mrs. Ruqia Rehman	Lecturer	M.Sc.
11	Mr. Jamal Abdul Nasir	Lecturer	M.Sc.
12	Mr. Muhammad Sohail Akram	Lecturer	M.Sc.
13	Mr. Azhar Ali Marri	Lecturer	M.Sc.
14	Syed Ejaz Ali Shah	Lecturer	M.Sc.
15	Mr. Abdul Raziq	Lecturer	M.Sc.
16	Mr. Sohail Akram	Lecturer	M.Phil
17	Mr. Muhammad Ashraf	Lecturer	M.Phil
18	Mr. Ghulam Murtaza	Lecturer	M.Phil

5. Programs of Study

1.1. **M.Sc.** Two years.

1.2. **M.Phil:**

A student opting for M.Phil. degree has to complete the requisite number of credit hours for course work laid down in the Higher Education Commission regulations for M.Phil degree. A thesis based on original research work will have to be submitted and defended as per procedure of HEC. The minimum time limit for M.Phil is two years.

6. Description of Courses M.S.c

Postgraduate students in Statistics Department University of Balochistan are being offered a set of courses in M.Sc. (Previous & Final) as under:

6.1. M.Sc. Previous		Max. Marks
6.1.1 Paper-I	Statistical Methods	100
6.1.2 Paper-II	Experimental Designs	100
6.1.3 Paper-III	Probability and Probability Distributions	100
6.1.4 Paper-IV	Sampling Techniques	100
6.1.5 Practical and Viva Voce-I		
	Comprising problems on Statistical Methods and Experimental Designs	100
6.1.6 Practical and Viva Voce-II.		
	Comprising problems on Probability and Probability distributions and Sampling Techniques.	100
6.1.7	Paper of functional English of 50 marks in M.sc. Previous	50
	Total Marks (Previous)	650
6.2 M.Sc. Final		Max. Marks
6.2.1 Paper-V	Statistical Inference	100
6.2.2 Paper-VI	Econometrics	100
6.2.3 Paper-VII	Data Processing and Statistical Computing	100
6.2.4 Paper-VIII	Any one of the following options:	100
	Option (i) Operations Research	
	Option (ii) Stochastic Processes	
	Option (iii) Multivariate Analysis	
6.2.5 Paper-IX	Any one of the following options:	100
	Option (i) Population Analysis	
	Option (ii) Advanced Statistical Theory	
	Option (iii) Statistical Quality Control and Time Series Analysis	
	Option (iv) Numerical Analysis	

6.2.6	Paper-X	Research & Presentation	100
6.2.7	Practical and Viva Voce-III, Comprising problems on Statistical Inference.	and facilities.	50.
6.2.8	Practical and Viva Voce-IV, Comprising problems on Econometrics.		50
6.2.9	Total Marks (Final)		700
	Total Marks for M.Sc. Statistics		1350

NOTE:

Optional courses will be offered subject to the availability of the teachers and facilities.

7. Eligibility Criteria

- 7.1 Passed B.A./B.Sc. with Math-A course & Statistics.
- 7.2. Passed B.A./B.Sc. at most two years prior to the year of admission.

8. Facilities

- 8.1 **Computer Laboratory.** The Department has its own computer laboratory with 14 PCs,3 printers connected with LAN, Projector, Multimedia.
- 8.2 **Departmental Library.** The Departmental library has 453 books.
- 8.3 **Internet Facility:-** The internet facility is available.

DEPARTMENT OF CHEMISTRY

1. Introduction

- 1.1. All materials and living things consist of atoms and molecules. Chemistry is the study of these atoms and molecules and how they interact with each other and the role they play in living things. Detailed knowledge of the subject is essential for entry to many interesting and challenging careers. Chemists are creative and can discover new substances, which can have a range of applications such as medicine that fight disease (e.g. aspirin, penicillin), or as materials that are very important in every day life (e.g. PVC, Teflon, rechargeable batteries, superconductors and fuel cell materials). Chemists in Universities and research organizations work on the discovery of new medicines, new devices and materials and on advancing our knowledge of the World. Those in industry are involved in the production and analysis of chemicals. Chemists can work with engineers and business people to turn discoveries into commercially valuable products.
- 1.2. The Department of Chemistry started functioning with the establishment of the University in 1971 with Dr Aejaz. A. Malik as Head of the Department. Two specializations, Organic chemistry and Inorganic chemistry were offered to students then. At that time the students were sent to the University of Sindh for performing laboratory work as the laboratories in the department were in the process of development. The first batch graduated in 1973.
- 1.3. The Department has expanded now. Specialization in Physical Chemistry was started in 1977, Bio-Chemistry section was established in 1982 and Analytical Chemistry was started in 1984. In 2005 the department introduced Environmental Chemistry as the 4th compulsory subject in M.Sc Final.

2. Objectives

- 2.1. To provide qualified and focused professionals for chemical industries, research organizations and educational institutions of Pakistan.
- 2.2. To maintain/conducive environment for learning and research.
- 2.3. To provide educational programs which encourage students to think creatively, constructively and to communicate their ideas effectively.
- 2.4. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.5. To establish linkages between the Department and the local industries and solve their technical problems.
- 2.6. To prepare students for the global market by enhancing their international knowledge and developing the social confidence and adoptability they need to operate internationally.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Educational Institutes, Colleges and Universities.
- 3.2. Pharmaceutical Industry.
- 3.3. Pakistan Agriculture Research Council (PARC), Atomic Energy Commission.
- 3.4. Public / Private Research Organizations.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Dr. Abdullah Khan	Professor / Dean	Ph.D.(UK)	Inorganic Chemistry
2	Dr. Abdul Nabi	Professor / VC	Ph.D.(UK)	Analytical Chemistry
3	Dr. Masood A.Siddiqui	Professor/Chairperson	Ph.D. (Japan)	Biochemistry & Biotech:
4	Dr. Mohammad Yaqoob	Professor	Ph.D.	Analytical Chemistry
5	Dr. Muzaffar Khan	Associate Professor	Ph.D.(UK)	Inorganic Chemistry
6	Mrs. Sabiha Khatoon	Assistant Professor	M.Sc.	Inorganic Chemistry
7	Dr. Mohammad Anwer	Assistant Professor	Ph.D.	Bio-Chemistry
8	Mr. Mirza Niaz M.	Assistant Professor	M.sc.	Organic Chemistry
9	Mrs. Shaheen Durrani	Assistant Professor	M.Phil	Organic Chemistry
10	Mrs. Amna Bano	Assistant Professor	M.Sc.	Physical Chemistry
11	Dr. Manzoor Iqbal Khatak	Assistant Professor	Ph.D.(Khi)	Physical Chemistry
12	Dr. Amir Waseem	Assistant Professor	Ph.D.	Analytical Chemistry
13	Dr. Samar Ali	Assistant Professor	Ph.D.(Khi)	Organic Chemistry
14	Mrs. Shaheen Wali	Lecturer	M.Sc.	Physical Chemistry
15	Mr. Ghulam Mustafa	Lecturer	M.Sc.	Organic Chemistry
16	Ms. Halima Nasir	Lecturer	M.Sc.	Organic Chemistry
17	Mr. Waheed Ahmed Shah	Lecturer	M.Sc.	Organic Chemistry
18	Mr. Nizam Baloch	Lecturer	M.Sc.	Organic Chemistry
19	Mrs. Massoma	Lecturer	M.Sc.	Analytical Chemistry
20	Ms. Huma Asif	Lecturer	M.Sc.	Bio-Chemistry
21	Ms. Rabea Zafar	Lecturer	M.Sc.	Environmental Chemistry
22	Mr. Samiullah	Lecturer	M.Sc.	Organic Chemistry
23	Mr. Irshad Ali	Lecturer	M.Sc.	Inorganic Chemistry
24	Mr. Naqeebullah	Lecturer	M.Sc.	Bio-Chemistry
25	Ms. Arifa Bano	Lecturer	M.Sc.	Bio-Chemistry
26	Mr. Faiz Muhammad	Lecturer	M.Sc.	Bio-Chemistry
27	Ms. Anam Iqbal	Lecturer	M.Sc.	Inorganic Chemistry
28	Dr. Sher Akber (Contract)	Professor	Ph.D (UK)	Physical Chemistry

5. Programs of Study

- 5.1. The M.Sc. course is a two years degree program based on taught courses and laboratory work. A student opting for M.Phil./Ph.D. degrees has to complete the requisite number of credit hours for course work as laid down in Higher Education Commission regulations for the said degrees. A thesis based on original research work will have to be submitted and defended as per procedure of HEC. The duration of these degrees depends on the performance of the student and on the nature of research problem. The minimum time limit for M.Phil and Ph.D is two years and three years

6. Description of Courses for M.Sc

- 6.1. There are five disciplines in Chemistry.
 6.2. Students of M.Sc. (Previous) will have to study all the compulsory courses and also have to opt one of the optional course

Compulsory courses

- a) Inorganic Chemistry,
 b) Organic Chemistry
 c) Physical Chemistry

Optional Courses

- d) Analytical Chemistry
 e) Bio-Chemistry

- 6.3. The specialization is offered in M.Sc. (Final) in all the five disciplines. The theory paper of environmental chemistry has been made compulsory for the students of M.Sc (final) irrespective of their discipline.

6.3.1. M.Sc. Previous. Total four subjects. Total Marks 650

S.No.	Subject	Compulsory / Optional	Total Marks
1	Physical Chemistry Theory Paper I + Practical	Compulsory	100 + 50
2	Inorganic Chemistry Theory Paper II + Practical	Compulsory	100 + 50
3	Organic Chemistry Theory Paper III + Practical	Compulsory	100 + 50
4	Functional English	Compulsory	50
5	Research Paper+Presentation	Compulsory	70 + 30
6	Analytical Chemistry Theory Paper IV + Practical	Optional	100 + 50
7	Bio-Chemistry Theorper IV + Practical	Optional	100 + 50

6.3.2. M.Sc. Final: Only one subject from the following can be selected for specialization. Total Marks =600

S.No.	Subject	Compulsory / Optional	Total Marks
1	Physical Chemistry Theory Paper 1 Theory Paper 2 Theory Paper 3 Practical 1 Thesis	Optional	100 100 100 100 100
2	Inorganic Chemistry Theory Paper 1 Theory Paper 2 Theory Paper 3 Practical 1 Thesis	Optional	100 100 100 100 100
3	Organic Chemistry Theory Paper 1 Theory Paper 2 Theory Paper 3 Practical 1 Thesis	Optional	100 100 100 100 100

S.No.	Subject	Compulsory / Optional	Total Marks
4	Analytical Chemistry	Optional	100
	Theory Paper 1		100
	Theory Paper 2		100
	Theory Paper 3		100
	Practical 1		100
	Thesis		100
5	Bio-Chemistry	Optional	100
	Theory Paper 1		100
	Theory Paper 2		100
	Theory Paper 3		100
	Practical 1		100
	Thesis		100
6	Environmental Chemistry Additional	Compulsory	100

7. Eligibility Criteria for Admission

- 7.1. The applicants should have passed B.Sc. with Chemistry at the most two years prior to the year of admission.

8. Facilities

- 8.1. Five Specializations are offered by the Department of Chemistry and there are five teaching and five research Laboratories. In addition to this we have a central lab equipped by the help of HEC. All the laboratories are adequately equipped. The list of some of the equipment/instruments is provided below.

1	I.R Spectrophotometer (Pye Unicam SP 1000)
2	Biolumat (Berthold EG & G) (TWAS)
3	Deionizer (Elgastat B114)
4	Electrophoresis unit (Bio Rad) (TWAS)
5	Flame Photometer (Corning 400)
6	Peristaltic Pump (Autoclude) VL (UGC)
7	Peristaltic Pump (Reglo) (UGC)
8	PMT (Thorn EMI) (NSRDB)
9	Spectrophotometer (Hitachi U - 1100) (NRSDB)
10	Spectrophotometer (Shimadzu) UV - 120 - 02
11	Ultra Centrifuge (IEC - B -02 A, DAMON)
12	Electrophoresis Unit (Desaga GMBH D6900)
13	Shaker (KL -2 Edmond Buhler)
14	Spectronic 21 (Jurgens)
15	Suction Pump

16	Polarimeter (Griffen)
17	Refractometer (Hilger and Watts)
18	Spectronic (Hungry 2000)
19	Polarimeter (Erma)
20	Refractometer (Erma)
21	Rotary evaaporator with thermostat (HEIDLPH)
22	Spectromom (Hungry 2000)
23	Stabilizer (Rimco)
24	Vacuum Pump (ME4R Membrane)
25	Electronic Balance (Shimadzu BL Series)
26	Fraction Collector (Pharmacia biotech, FRAC - 100)
27	Rotary evaporator (BIBBY RE 200)
28	Shaker (Edmund Buhler, KL-2)

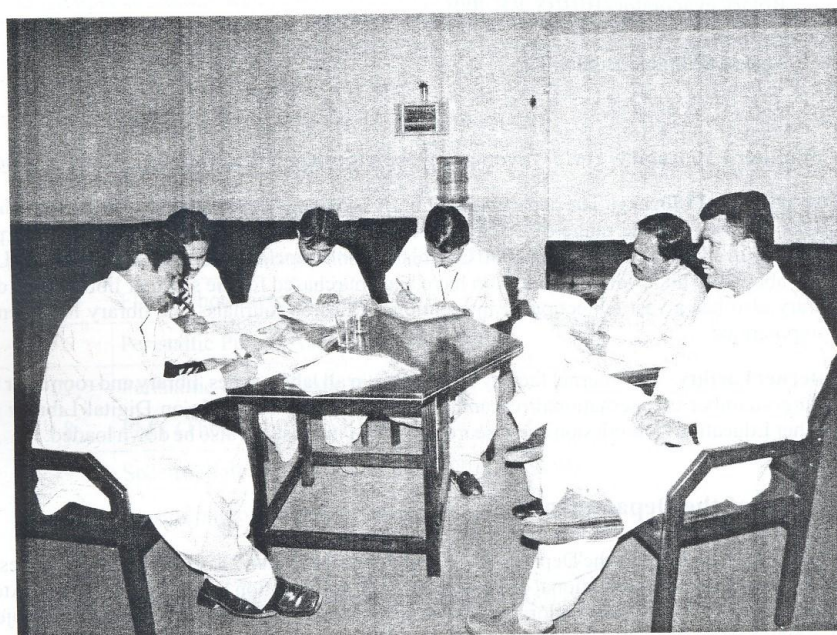
- 8.1. **Computer Laboratory.** There is a computer laboratory having 25 PCs with internet facilities.
- 8.2. **Departmental Library.** The departmental library is managed by a qualified librarian and has over 2000 books covering a wide range of disciplines in Chemistry for teaching and research purposes. These books are in addition to more than 2000 Chemistry books stocked in Central Library of the University. In 2007 about 300 books of latest addition have been purchased for the seminar library. The departmental library also has a vast collection of international research journals. The library has been completely computerized.
- 8.3. **Internet Facility.** The internet facility is available in all laboratories, library and rooms for the teachers. A large number of international research journals are also available on Digital Library provided by Higher Education Commission and research article of interest can also be down loaded.

9. Achievements of the Department

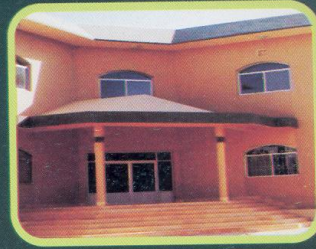
- 9.1. During the past 36 years the Department has produced more than 2150 M.Sc. Our graduates are working in various National/International organizations such as Education Department, Pakistan Atomic Energy Commission, Oil and Gas exploration, Geological Survey of Pakistan, Copper/Gold project, Saindak, Foreign Service and Civil Bureaucracy. The research work in the department is in progress and a number of M. Phil and PhDs are engaged in research. Only in the year 2006, the department has successfully produced two PhDs. Currently 23 M. Phil and 04 PhD students are engaged in research. The Chemistry department has been declared as the best and most productive as per assessment report of 2005. Five of its faculty members have achieved Tenure Track Scheme, the highest number in a single department of this University.

Status / Degree	M.Phil	Ph.D.
Awarded	18	04
Work in Progress / Currently Enrolled	23	04

- 9.2. The staff members of Chemistry Department have published over 300 research papers in various National/International journals (having impact number): and conferences/seminars covering the various disciplines of and Simulation etc. The average yearly output of research papers is from 15 to 120.

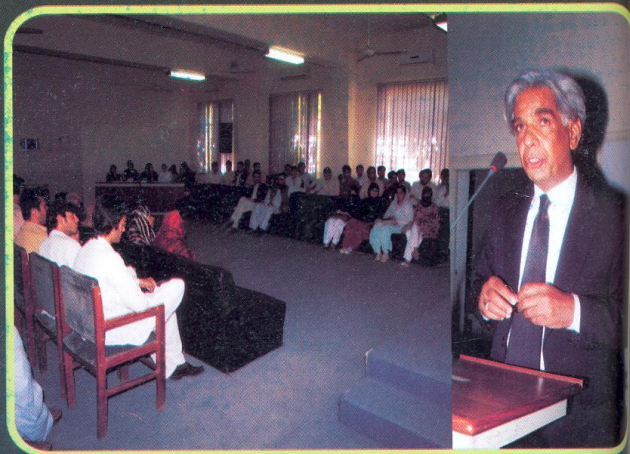


Department of Commerce
Institute of Management Science
Department of Economics
Department of Computer Science
Department of Library & information Science



Faculty of Management Science, Business & Information Technology





DEPARTMENT OF COMMERCE

1. Introduction

- 1.1. The Department was established in 1973 as undergraduate Department. It is presently one of the largest department of the University of Balochistan with respect to the number of students enrolled. Two years graduate courses leading to M.Com.
- 1.2. Commerce deals with accounting, financial and human resources management, marketing against the backdrop of National sector economic indications. As such the Department deals with an important discipline.
- 1.3. M. Phil and Ph. D programs are also offered by the Department.
- 1.4. B.Com and M. Com programs on self-finance basis in evening.

2. Objectives

- 2.1. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity
- 2.2 To provide qualified and focused professionals in the subject of *Commerce* to meet the future needs of educational institutes or industry.
- 2.3 To prepare researchers to meet the needs of industry and research organizations, science and technology.

3. Job Opportunities / Marketability of Graduates

- 3.1. Accounts and Audit Departments Public and Private Department.
- 3.2. Federal Provincial and Civil Services.
- 3.3. State Bank of Pakistan/ Scheduled Banks.
- 3.4. Financial Institutions.
- 3.5. NGOs,/ Multi National Companies.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Mr. Abdul Lateef	Assistant Profesor/Dean	M.Phil	Management Sciences, Business Mathematics, Statistics.
2	Mr. Abdul Rasheed	Assistant Professor / Chairperson	M.Phil	Economics, Research Methodology
3	Mr. Muhammad Ali	Assistant Professor	M.Phil	Accounting (Cost / Advance)
4	Mr. Inayatullah	Assistant Professor	M.Phil	Management, Business Organization, Research Methodology.
5	Ms. Tahira Jabeen	Lecturer	M.Phil	International Business Marketing Management
6	Mr. Nadeem Malik	Lecturer	M.Com	Advance Accounting, Research Methodology, Business Communication
7	Mr. Abdul Quddus	Lecturer	M.Com	

S.No.	Name	Designation	Qualification	Field of Specialization
8	Mrs. Shakira Bukhari	Lecturer	M.Com	Personal Management, Management, Economics.
9	Mr. Muhammad Shafique	Lecturer	M.Com	Financial Management, Business Law, Accounting.
10	Ms. Amina Khudidad	Lecturer	M.Com	Marketing Management, Accounting, Personal Management

5. Programs of Study

- 5.1 M. Com 2 Regular (Morning)
- 5.2 M. Com 2 years self-finance (Evening)
- 5.3 M. Phil and Ph. D

6. Description of Courses

6.1 Description of Courses

6.2 M. Com Previous.

- 6.2.1 Principles of Management.
- 6.2.2 Fundamental of Marketing.
- 6.2.3 Corporate Accounting & Financial Statement Analysis.
- 6.2.4 Research Method and Report Writing.
- 6.2.5. Quantitative Techniques for Business.

6.3 M Com Final

- 6.3.1 International Business
- 6.3.2 Management Accounting
- 6.3.3 Managerial Economics.
- 6.3.4 Financial Management
- 6.3.5 Human Resource Management
- 6.3.6 Research Paper and Presentation

7. Eligibility Criteria for Admission

7.1. M. Com.

- 7.1.1. B. Com.

8. Facilities

- 8.1. Departmental Library containing more than 2000 books.
- 8.2. Computer facility is available to both research scholars and students of the Department

9. Performance of the Department

- 9.1 During the past 35 years the department has produce more than 5000 Graduate and Under Graduate students, who are working in Govt and /semi Govt and various Financial Institutions.

Particular	M.Phil	Ph.D
Awarded	6	4
Thesis Submitted	1	1
Work in Progress / Currently Enrolled	1	3

10. Future prospects of growth and development of Commerce

- 10.1 Growth and development to incorporate changing trends and new techniques has always been the essence of the Commerce Department. The Department intends to introduce the revised curricula approved by the Higher Education Commission (Former UGC) to bring the present syllabi in conformity with market requirements.
- 10.2 A part from the curricula implementation, new programs are being planned based on future job and service market requirements.
- 10.2.1 One year Diploma in Financial/Cost Accounting.
- 10.2.2 Establish a well-equipped computer lab along with Internet access, exclusively for research and development in Commerce. Acquire latest books and research journals for the departmental library

S.No.	Name	Designation	Field of Specialization
1	Dr. Jai Muhammad	Director	ABMHRM
2	Mr. Abdul Nazeem	Assistant Professor	HRM
3	Mr. Jai Muhammad	Assistant Professor	HRM
4	Mr. M.K. Bhatti	Assistant Professor	HRM
5	Mr. Suleman Akber	Assistant Professor	Finance
6	Dr. Zahid Bhatti	Assistant Professor	HRM
7	Dr. Saad-ur-Rehman	Lecturer	Marketing
8	Dr. Jehanwaz Khan	Lecturer	HRM

INSTITUTE OF MANAGEMENT SCIENCES

1. Introduction

- 1.1 Industrialization is taking place at rapid pace in Pakistan. The country is making all out efforts to accelerate the process of industrialization in the country. The province of Balochistan has been given special attention to exploit its industrial potentials in order to pave the way for the accelerated economic development of the province. For effective resource-utilization, efficient resource management, enhancement of administrative capacity and improvement of managerial talents, the Institute of Management Sciences play a vital role.
- 1.2 Dynamic and advance societies are in the continuous process of change. In changing and developing societies, management sciences play an important role and facilitate the process of social change and economic development.
- 1.3 The mission of IMS is to impart quality education in management and administration to strengthen the human resource base in Balochistan. The Institute started its journey with the name of Department of Administrative Sciences in 1989 and Mr. Muhammad Hassan Shaikh was appointed as the first Chairman of the department. It was upgraded to the Institute of Management Sciences on 2000.

2. Objectives

- 2.1. To provide qualified and focused professionals in Management Sciences to meet the future needs of educational institute or industry.
- 2.2. To develop human resource for undertaking research on the basic issues and problems confronting the various sections of economy.
- 2.3. To enable human resource to acquire expertise in specialized functional areas of management sciences, including management information systems.
- 2.4. To Foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.5. To prepare researchers to meet the needs of industry and research organizations, science and technology.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1 Private and Public Sectors Organizations.
- 3.2 Financial Institutions.
- 3.3 Insurance Companies.
- 3.4 Local and Multinational NGOs.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Dr. Jan Muhammad	Director	Ph.D.	HRM
2	Mr. Abdul Naeem	Assistant Professor	MBA	Finance
3	Malik Abdul Karim	Assistant Professor	MBA	Finance
4	Mr. M.K. Bhatti	Assistant Professor	MPA	HRM
5	Mr. Suleman Akber	Assistant Professor	MBA	Finance
6	Dr. Zainab Bibi	Assistant Professor	Ph.D.	HRM
7	Dr. Sana-ur-Rehman	Lecturer	Ph.D.	Marketing
8	Dr. Jehanwash Karim	Lecturer	MBA	HRM

BA-605	IT Application Packages
BA-606	Statistical Inference
BA-607	Business Economics Analysis
BA-608	Financial Management
BA-609	Marketing Management
BA-610	Human Resource Management
BA-611	Management Information System
BA-612	Economic Issues & Society
BA-613	Managerial Accounting
BA-614	Business Research Methods
BA-615	Organizational Behavior
BA-616	Strategic Management
BA-617	Quantitative Techniques for Business
BA-618	Financial Market and Institutions
BA-620	Business Law
BA-621	Entrepreneurship and Innovation Management
BA-622	Auditing & Taxation
BA-624	International Business Management
BA-625	Advanced Qualitative Research Methods
BA-626	Marketing Management
BA-627	Thesis (06 Credit hours)
BA-628	Managerial Economics
BA-671	Project Management
BA-672	Total Quantitative Management (TQM)
BA-673	Comparative Management
BA-674	Production & Operation Management
BA-675	Change Management
BA-677	Small and Medium Entrepreneur Management
BA-678	Mathematic for Business
BA-679	Statistics for Business

6.2 **Specialization Courses**

6.2.1 Five courses will be offered from the areas of specialization (Elective Courses)
Subject to availability of resource person. The specialization would be offered if the minimum number of students is (10).

6.3 **Finance**

BA-631	Financial Statement Analysis
BA-632	Investment Analysis
BA-633	Seminar in Finance
BA-634	Management of financial Institutions
BA-635	Project Financing and Evaluation
BA-636	International Financial Management
BA-637	Corporate Finance
BA-638	Portfolio Management
BA-639	Risk Management Analysis
BA-640	Islamic Banking and Finance

6.4 **Marketing**

BA-641	Marketing Research
BA-642	Sales Management
BA-643	Advertising and Promotional Strategies
BA-644	International Marketing
BA-645	Seminar in Marketing
BA-646	Marketing of Services
BA-647	Consumer Behaviour
BA-648	Strategic Brand Management
BA-649	Supply Chain Management

6.5 **Human Resource Development**

BA-651	Personnel Policy
BA-652	Training and Development
BA-653	Industrial Relations
BA-654	Labour Laws in Pakistan
BA-655	Conflict Management
BA-656	Compensation Management
BA-657	International HRM

6.6 **Business Information Technology (BIT)**

BA-661	E-Commerce
BA-662	System Analysis and Design
BA-663	Information System Development
BA-664	Computer Applications to Business
BA-665	Knowledge Based and Expert System
BA-666	Decision support system
BA-667	Technology Concept for Managers

6.7 **MPA Study Program:**

6.7.1 **Compulsory Courses**

PA-601	Mathematics & Statistics for Management
PA-602	Business Communication
PA-603	Fundamentals of Financial Accounting
PA-604	Principles of Management
PA-605	IT Application Packages
PA-606	Statistical Inference
PA-607	Business Economics Analysis
PA-608	Public Administration & Society
PA-609	Muslim Administration
PA-610	Management Information System
PA-611	Public Administration in Pakistan
PA-612	Financial Administration
PA-613	Project Management
PA-614	Business Research Method
PA-615	Organizational Behavior
PA-616	Comparative Public Administration
PA-617	Public Policy Analysis
PA-618	Thesis
PA-619	Local Government theory and practice

6.7.2 SPECIALIZATION COURSES

6.8.1 The student will opt two courses from any one of the following areas of specialization. An offer of areas of specialization and the courses within particular area will be the discretion of the IMS.

6.8.2 **Development Studies**

PA-631	Community & Rural Development
PA-632	Development Planning & Administration
PA-633	Sustainable Development
PA-634	Comparative & Development Administration
PA-635	Resource Development

- 6.8.3 Human Resource Development
 - PA-651 Personnel Management
 - PA-652 Training and Development
 - PA-653 Industrial Relations
 - PA-654 Labor Laws in Pakistan
 - PA-655 Conflict Management
 - PA-656 Time Management
- 6.8.4 Health Administration
 - PA-661 Health Financial Management
 - PA-662 Health Policy & Planning
 - PA-663 Epidemiology & Bio-Statistics
 - PA-664 Hospital Management
 - PA-665 Health Care Marketing

6.9 MBA (Banking & Finance) Study Program:

- BA-678 Business Mathematics & Statistics
- BA-679 Business Research Methods
- BA-680 Business Communication
- BA-681 Information Technology in Banks
- BA-682 Management
- BA-683 Accounting for Business Enterprises
- BA-684 Economics
- BA-685 Banking Law & Practice
- BA-686 Agricultural & Small Business Finance
- BA-687 Marketing of Financial Services.
- BA-688 Commercial Law
- BA-689 Financial Management
- BA-690 Human Resource Management & Development
- BA-691 Islamic Banking
- BA-692 Accounting for Financial Institution
- BA-693 International Trade Finance and Foreign Exchange
- BA-694 Credit Management
- BA-695 Central Banking
- BA-696 Investment and Portfolio Management
- BA-697 Monetary Economics
- BA-698 Project Planning & Evaluation.
- BA-699 Strategic Management in Banks

7. Eligibility Criteria for Admission

7.1 MBA (Morning) Study Programs

- 7.1.1 Graduates in Arts, Science, Commerce, Business Administration, with at least 2nd division from any recognized University of Pakistan/ foreign University, having at least one of the following subjects
- 7.1.2 Economics, Mathematics, Statistics, Sociology, Political Science, psychology, Physics, Computer Science, Chemistry, Zoology and Botany.
- 7.1.3 Graduates having qualified current session annual examination and annual/supplementary examination of the session proceeding current session.
- 7.1.4 The candidate must be age 27 or less than 27 years..
- 7.1.5 The candidate shall have to secure 45% marks to qualify the aptitude test. Qualifying the aptitude test and appearing for the interview are compulsory for admission. If any candidate fails to appear before the admission committee for written test and interview on the fixed time and date, he/she shall not be considered for admission.

- 7.2 MPA (Morning) Study Program
- 7.2.1 Graduates holding any one of the following degrees:
B.A/B.Sc/B.Com/BPA/BBA/BCS/BIT/BBIT from any recognized University of Pakistan/Foreign University.
- 7.2.2 Graduates having qualified current session annual examination and annual/supplementary examination of the session preceding current session.
- 7.2.3 The candidate shall have to secure 45% marks to qualify the aptitude test. Qualifying the aptitude test and appearing for the interview are compulsory for admission. If any candidate fails to appear for written test and interview on the fixed time and date, he/she shall not be considered for admission.
- 7.3 MBA (Evening) Study Program
- 7.3.1 Graduate from any recognized University of Pakistan/Foreign University, working in any public/private organization.
- 7.4 MBA (Banking & Finance) Study Program:
- 7.4.1 The candidates seeking admission to MBA Banking & Finance (Afternoon) Program on Self-Finance Basis must meet the following eligibility criteria.
- 7.4.2 Graduates with at least 2nd division from any recognized University of Pakistan/Foreign University.
- 7.4.3 The candidate shall have to secure 50% marks to qualify the admission test. Qualifying the admission test and appearing for the interview are compulsory for admission. If any candidate fails to appear before the admission committee for written test and interview on the fixed time and date, he/she shall not be considered for admission.

8. Pre-Requisites to the Degree Award

- 8.1 MBA & MPA (Morning) and MBA (Evening) Programs:
- 8.1.1 The student shall have
- 8.1.2 To successfully complete 20 credit courses.
- 8.1.3 To undergo 8 weeks training with Industrial/commercial organization in public or private sector. (Where as Students of MBA (Evening) program shall have to qualify the Project. The project is offered instead of internship).
- 8.1.4 To qualify comprehensive examination obtaining 50% marks.
- 8.2 MBA (Banking & Finance) Programs:
- 8.2.1 The student shall have
- 8.2.2 To successfully complete 22 credit courses offered by the IMS (At least 66 credit hours work).
- 8.2.3 To undergo six month Internship & training Program, three months in each year.
- 8.2.4 To qualify comprehensive examination obtaining 60% marks.

9. Attendance requirements⁹

- 9.1 Student shall have to punctual and regular to attend all lectures, labs periods, semester sessions and fieldwork as required for each course.
- 9.2 Being absent for consecutive seven 07 days, a student will be struck off from the attendance roll.
- 9.3 A student shall have to maintain at least 75% attendance of total lectures delivered in the course (s) to appear in the examination.

10. Facilities

- 10.1 **Computer Facilities:** The institute has two laboratories equipped with forty nine Pentium IV computers having internet and latest software facilities besides each teacher has his/her own Pentium III computer in his/her room connected with internet.
- 10.2 **Departmental Library:** The Departmental Library is managed by a qualified librarian and has a large collection of latest books, research journals and magazines covering a wide range of disciplines in Management Sciences for teaching and research purpose.
- 10.3 **Audio Visual Aids:** A seminar room equipped with all the modern facilities including slides, overhead projector, Portable multimedia, T.V. and V.C.R.

DEPARTMENT OF ECONOMICS

1. Introduction

- 1.1 The department of Economics initially started working at the Degree College Quetta in 1971, Economics is a discipline of Social Sciences. It studies relationship between needs and scarce means which have alternative uses. Economics is the study of general principle of administration of resources of an individual, a household a business , or a State; this also includes the examination of the way in which waster arises in all such administration.
- 1.2 Economic phenomenon or activity means every systematic endeavour to satisfy a material need, or more precisely one which seeks with the available means to achieve the best possible results, or a given result with the least possible means.
- 1.3 The Department of Economics is the oldest and largest economics department among all the public sector universities of Balochistan.

2. Objectives

- 2.1 To provide qualified and focused professionals in the economics to meet the future needs of public and private sectors and research institutes.
- 2.2 To prepare researchers to meet the needs of the public and private sectors research organizations.
- 2.3 To foster an environment that promotes learning through quality teaching and research, while encouraging mutual respect, tolerance and sensitivity.
- 2.4 To prepare researchers to meet the needs of industry and research organizations, science and technology at the Federal and provincial.
- 2.5 To develop personality of raw hands through continues guidance and counseling.

3. Job Opportunities / Marketability Of Graduates

- 3.1 Provincial & federal public sector departments; Planning & Development, Irrigation, Agriculture, Industries, Finance, Trade & Commerce
- 3.2 Financial Institutions & organizations such as; Planning Commission, State Bank, Commercial Banks, Zari Taraqiathi Bank, Micro Finance Banks, Development Financial institutions PICIC, TDAP, BOI, Research Institutes
- 3.3 Private Sector Organizations
- 3.4 Bilateral and Multilateral International Development Donor Organizations e.g. World Bank, UNDP, JICA, CIDA, etc.
- 3.5 NGOs (local, national and international)

4. Faculty

S. No.	Name	Designation	Qualification	Field of Specialization
1	Ms. Riffat Arshad	Assistant Professor Chairperson	MA Ph.D. Scholar	Public Finance and Monetary Theory, Agriculture Economics
2	Dr. Syed M. Arif (Retd. on contract*)	Associate Professor	Ph.D	Development Economics, Agriculture Economic, Poverty Allevication
3	Mr. Fazal Muhammad Kakar (Retd. on contract*)	Assistant Professor	M.A	Microeconomics, Public Finance and Monetary Theory.
4	Dr. Jahangir Khan	Assistant Professor	Ph.D.	International Economics
5	Mr. Shahid Iqbal	Assistant Professor	M.A.	Micro Economics, Macro Economics, Quantitative Economics.
6	Mr. Naseeb Ullah	Assistant Professor	M.A.	Agriculture Economics & Mathematical Economics.
7	Mr. Abdul Rehman (on study leave)	Lecturer	M.Sc.	Development Economic & Micro Economics
8	Ms. Tania Luni (on study leave)	Lecturer	M.A	Micro and Mathematical Economics
9	Mrs. Nadia Khan	Lecturer	MA.	Public Finance and Monetary Theory, Mathematical Economics
10	Ms. Bushra Wazir	Lecturer	M.Sc.	Statistics and International Economics
11	Mrs. Arbab Muhammad Jahandad	Lecturer	M.A	Mathematical Economics and Agriculture Economics.

5. Programs of Study

- 5.1 M.A
- 5.1 M.Phil / Ph.D

6. Description of Courses

6.1 M.A (Previous)

Paper	Title	Marks
I	Micro Economic Theory	100
II	Mathematical Economics.	100
III	Statistics & Basic Econometrics.	100
IV	Agricultural Economics.	100
	Functional English (for both regular & private candidates only)	50

6.2 M.A (Final)

V	Macro Economic Theory	100
VI	International Economics.	100
VII	Economic Development & Planning	100
IX	Public Finance and Money	100
X	Research Paper & Presentation (For regular candidates only)	100
	Human Resource Development (For private candidates only)	100
Total Marks		1050

7. Eligibility Criteria for Admission

- 7.1 B.A or B.Com with Economics as Regular candidate.

8. Facilities

8.1 Prof. Shukrullah Memorial Library:

The departmental library is managed by a qualified librarian and has 700 books and covering different disciplines of economics. These books are in addition to more than 2200 books available in central library of the university. A large number of international research journals are also available on the digital library. Journals of some reputed national research organizations are also available in the library.

8.2 Computer Laboratory:

The computer facility is available for research activities.

9.M.Phil / Ph.D Programme in Economics

New structure for the M.Phil / Ph.D Programme has been approved by the Board of Study in Economics and will place before the Academic Council in the fourth coming meeting. It as framed according to the HEC approved criteria.

DEPARTMENT OF COMPUTER SCIENCES AND INFORMATION TECHNOLOGY

1. Introduction

- 1.1. The invention of microprocessor started influencing every facet of human life in the 1970's. With the birth of personal computers its use has become very common. Information Technology has now entered every facet of contemporary science and technology. This is the fastest growing science in the world.
- 1.2. A postgraduate diploma was started with the raising of a computer section in the Department of physics in 1984. This section became the Department of Computer Science in early 90's. The Department began offering Master in Computer Science (MCS) in 2001. BS(CS) and BS(IT) programmes began in 2002.

2. Objectives

- 2.1. To produce focused professionals in the field of Computer Science and Information Technology to meet the domestic / international needs of society.
- 2.2. To inculcate an academic culture aimed at professional grooming and creative thinking.
- 2.3. To foster conducive environment for intellectual freedom and research.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. I.T based services, Commercial and financial public and private organizations.
- 3.2. Computer Hardware/Software suppliers/users in public/private sector.
- 3.3. Telecom Sector.
- 3.4. Multi-National Companies.
- 3.5. Teaching jobs in schools, colleges and universities.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Mr. Muhammad Khalid Badini	Lecturer / Chairperson	MCS	Operating System and Web Programming & DBMS
2	Dr. Altaf Hussain Bouk	Professor	Ph.D.	Optical Fiber Telecom, System Networks
3	Syed Amjad Hussain Jafri	Assistant Professor	M.Sc. (CS)	Automata Theory, Data Structure and Programming Languages
4	Dr. Atiq Ahmed	Assistant Professor	Ph.D	Wireless Networks, Telecom System, Multiagent Systems, AI
5	Dr. Uzma Mukhtar	Assistant Professor	Ph.D	HRM, Financial Management & Marketing Management

S.No.	Name	Designation	Qualification	Field of Specialization
6	Syed Muhammad Zubair	Assistant Professor	MS	JAVA
7	Mr. Jalaluddin Qureshi	Lecturer	B.E. (CE)	Computer Engineering
8	Mr. Anwer Ali Sanjrani	Lecturer	B.E. (CE)	AI
9	Mr. Irfan Baseer	Lecturer	B.E. (CE)	Computer Architecture
10	Mr. Muhammad Shumail Naveed	Lecturer	MCS	Computer Theory, Software Engineering
11	Mr. Zia ur Rehman	Lecturer	MCS	Computer Graphics
12	Mr. Liquat Ali	Lecturer	MCS	DBMS, Data Mining
13	Ms. Tayyaba Noreen	Lecturer	M.Com	Entrepreneurship Financial Accounting
14	Mr. Muhammad Raza	Lecturer	MCS	NET
15	Mr. Ihsanullah	Lecturer	MCS	Networking
16	Mr. Waheed Noor	Lecturer	MCS	DBMS
17	Ms. Maheen Bakhtyar	Lecturer	BS (CS)	Development / DB
18	Ms. Shafaq Saira Malik	Lecturer	MCS	AI
19	Mr. Abdul Momin	Lecturer	BS (IT)	OOP / DB
20	Mr. Abdul Basit	Lecturer	MCS	Software Engineering
21	Mr. Imran Ali	Lecturer	MCS	Software Engineering
22	Mr. Junaid Babar	Lecturer	BS (CS)	S.E / D.B
23	Mr. Muhammad Sajid	Lab Admin	MIT	DBMS
24	Mr. Muhammad Rehan	Lab Instructor	MCS	DBMS
25	Mr. Muhammad Shafiq Hassani	Exam: Incharge	MCS	Program Language
26	Mr. Muhammad Zulfiqar	Lab Instructor	MCS	AI, OS

MASTERS IN COMPUTER SCIENCE

SEMESTER 1

Course Code	Course Name	Credit Hours	Theory	Lab
EG	Functional English and Technical Writing	3		
CS 401	Design and analysis of algorithm	3		
CS 402	Computer programmer with C & C++	3	2	1
MT 401	Discrete mathematics	3		
CS 403	Database system	3	2	1
CS 403	Theory of Automata	3		
	Total	18		

SEMESTER 2

CS 405	Data structure	3		
CS 406	Compiler construction	3		
CS 407	Principles of operating systems	3		
CS 408	Software engineering	3		
CS 409	Web engineering	3		
CS 410	Computer organization and assembly language	3	2	
	Total	18		

SEMESTER 3

CS 411	Computer architecture and networks	3	2	
CS 412	Advanced programming language	3	2	
CS 413	Computer graphics	3	2	
CS 414	Artificial intelligence principles	3		
CS 415	IT project management	3		
CS 416	Elective I	3		
	Total	18		

SEMESTER 4

CS 416	Computer communication and networks	3		
CS 417	Software engineering II	3		
CS 418	Management information system	3		
CS 419	Elective II	3		
	Project	3		
	Total	18		

Comprehensive Exam

The Department of Computer Science has introduced Comprehensive Examination Paper for the MCS (Regular / Self Finance) and BS (CS/IT). The Comprehensive Exam of MCS (Regular / Self Finance) include following subjects.

CS-302	Fundamentals of Algorithms.
CS-310	Software Engineering -I & II
CS-313	Computer Organization and Architecture
CS-314	Operating Systems
CS-315	Theory of Automata
CS-308	Data Structure
CS-331	Theory of Programming Languages
CS-311	Artificial Intelligence I & II
CS-316	Compiler Construction
CS-317	Computer Graphics
IT-309	Data Communication & Networks

Comprehensive Exam Paper of BS(CS) include following subjects.

CS-301	Introduction of Computers
CS-302	Fundamentals of Algorithms
CS-308	Data Structure
CS-310	Software Engineering I & II
CS-313	Computer Organization and Architecture
CS-314	Operating System
IT-309	Data Communication and Networks
CS-315	Theory of Automata
CS-316	Compiler Construction
CS-311	Artificial Intelligence I & II
CS-317	Computer Graphics.

Comprehensive Exam Paper of BS(CS) include following subjects:

IT-310	Telecommunication System
CS-310	Software Engineering I & II
CS-308	Data Structure
CS-314	Operating System
CS-313	Computer Organization and Architecture
IT-307	Computer Networks
CS-328	Software Project Management
IT-306	Multimedia Technologies
CS-311	Artificial Intelligence I.

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

1. Introduction

- 1.1 Libraries have played a pivotal role in societies providing knowledge to the people. With the growth of libraries need for professional careers arose both in libraries and information centers. Accordingly library and information centers emerged as vital disciplines. The libraries in Balochistan were being managed mostly by untrained librarians. With the passage of time the need for trained library professionals became evident. Consequently, Department of library science (now library and information science) was established in 1981 under the chairmanship of Dr. Iftikharuddin Khawaja. Master of library science (MLS) program was started in 1984. The department has started two years Master of Library & information Science (MLIS) in 2006.

2. Objectives

- 2.1 To provide qualified and focused professionals in of library and information science to meet the future needs of educational institutes and industry.
- 2.2 To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.3 To prepare researchers to meet the needs of industry and research organizations in science and technology including other sectors of humanities and social sciences

3. Vocational Job Opportunities / Marketability

- 3.1 Educational institutions in the public / private sector.
- 3.2 Government / Semi Government and non Governmental organizations.
- 3.3 Libraries.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Mr. Rehmatullah Khan Baloch	Assistant Professor / Chairperson	MLS	Classification, Reference & Library Philosophy.
2	Mr. Muhammad Ilyas	Assistant Professor	M.Phil	Copyright, Classification
3	Mr. Shahnawaz Khan	Assistant Professor	MLS	Academic Libraries, Bibliography.
4	Ms. Shamsa Mubeen (Study Leave)	Assistant Professor	M.Phil	Cataloguing / Academic Libraries.

S.No.	Name	Designation	Qualification	Field of Specialization
5	Mr. Muhammad Tahir	Lecturer	MLS	History of Libraries, Archeology, Information Science
6	Mr. Muhammad Qasim	Lecturer	MLS	Management of Lib & Info: Centres, Resource Sharing & Net Working
7	Mr. Abdul Baqi	Lecturer	MLS	Cataloguing & Library Management
8	Ms. Munazza Jabeen (On Study Leave)	Lecturer	MLS	Marketing of Lib. Services and Sources. Management of Information Centres.
9	Mr. Muhammad Anwar	Lecturer (contract)	MLS	Cataloguing Research.

5. Programs of study

5.1 Master of Library and Information Science.

6. Description of Courses

6.1 MLIS (Previous)

Paper Title	Theory	Practical	Total Marks.
I. Introduction to library & Information science.	80	20	100
II Collection Development and Bibliographical Control	80	20	100
III. Introduction to Classification Theory & Practice.	50	50	100
IV. Introduction to Cataloguing Theory & Practice.	50	50	100
V. Reference and Information Sources and Services.	80	20	100
VI. Management of Libraries & Information Centers.	80	20	100
VII Functional English	50		

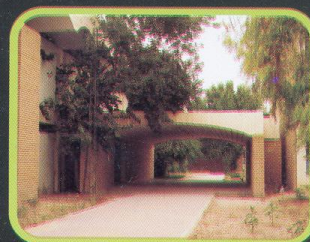
6.2 MLIS (Final)

Paper Title	Theory.	Practical	Total Marks
I. Research Methodology.	80	20	100
II. Information Technology and Libraries	80	20	100
III. Advanced Technical Operations.	80	20	100
IV. Resource Sharing and Networking.	80	20	100
V. Research Paper and It Presentation.			100

Specialized Courses (Optional)

VI. Information Sources:

Institute of Bio-Chemistry
Department of Botany
Department of Microbiology
Department of Zoology



Faculty of Life Sciences





INSTITUTE OF BIOCHEMISTRY

1. Introduction

- 1.1. The Institute of Biochemistry, was established in 1986 initially as a research Institute entertaining only M.Phil / Ph.D students. Later in 1991 M.Sc. Program in Biochemistry was started. In 2006, BS (4 years) program in Biochemistry and Biotechnology has also been started.
- 1.2. Biochemistry seeks to understand & explain living systems at the molecular level. It is a scientific discipline that finds applications across the Biomedical & Biological sciences & underpins the Biotechnology r̄evolution. It is developing at a rapid pace and have become an exciting and challenging subject.
- 1.3. Biochemistry tries to answer questions that are fundamental to life. What are the molecules that constitute living organisms? How are they made & how is their synthesis regulated? How are they organized into cells? How they interact with each other and how is their synthesis regulated? What is the molecular basis of such processes as genetic inheritance, immunological recognition of self & non-self? What goes wrong to cause human diseases such as Cancer, Heart attacks, Alzheimer and diabetes and how can such errors be corrected? This knowledge finds practical application in medicine, agriculture, brewing and biotechnology. Biochemists devise new ways of diagnosing & treating human, animal and plant diseases.

2. Objectives

- 2.1. To prepare graduates in modern Biological science such as Biochemistry/ Biotechnology who are able to make a valuable beginning to many different careers in their practical life.
- 2.2. To emphasis research program exploring variety of technically feasible projects having socioeconomic importance, so as to be on the front line in solving our own problems in the area of Biological sciences.
- 2.3. To provide educational programs which encourage students to think creatively, constructively and to communicate their ideas effectively.
- 2.4. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.5. To provide qualified and focused professionals in the subject of Bio Chemistry to meet the future needs of educational institutes and industry.
- 2.6. To prepare researchers to meet the needs of industry and research organizations, science and technology.

3. Vocational Job Opportunities/Marketability of Graduates

- 3.1. Pharmaceutical /food industries.
- 3.2. Public/Private research Institutes/centers relating to medical and agriculture
- 3.3. Educational Institutions-College/University level.
- 3.4. Balochistan at present has become an active of socio-economic field. It is expanding its infrastructure and encourages development of industry. Numerous Food & Pharmaceutical Industries are recently established in Hub. The PCSIR laboratory in Quetta is currently being expanded creating new job opportunities. In the teaching sector, a number of new Universities and Colleges in Balochistan are offering opportunities to Biochemistry graduates. At National level also, research in Biomedical Sciences is attracting attention.

4. Faculty

- 4.1. The Institute has two main functioning units i.e Biochemistry and Biotechnology. In addition to this there are two units i.e Analytical Biochemistry and Bioorganic Chemistry to support the main units. The faculty of the Institute of Biochemistry is highly qualified and experienced. Details are given below.

- 5.4.1. **Bio-Analytical (Paper III)**
 5.4.1.1 Introduction to spectroscopy
 5.4.1.2 Chromatography
 5.4.1.3 Environmental Bio-analytical
 5.4.1.4 Immunological methods.
 5.4.1.5 Electrochemical techniques.
 5.4.1.6 Radiochemical methods.
 5.4.1.7 Statistics & Mathematics for Biochemistry
- 5.4.2. **Molecular Biology (Paper IV)**
 5.4.2.1 Chemistry and Biochemistry of Nucleic acids.
 5.4.2.2 Chromosome structure and functions
 5.4.2.3 DNA replication.
 5.4.2.4 Transcription and its mechanism.
 5.4.2.5 Translation, genetic code, transnational process.
 5.4.2.6 Gene expression.
 5.4.2.7 Molecular basis of Mutations.
 5.4.2.8 Biology of Cancer.
 5.4.2.9 Repair of DNA.
- 5.5. **English Functional.**
 5.6. **Research Paper & Presentation.**
- 6.3 **M.Sc Final year.**
 6.3.1. **Contemporary Biochemistry (Paper 1)**
 6.3.1.1. Genomics.
 6.3.1.2. Biochemistry of Genetic Engineering.
 6.3.1.3. Microbial Biochemistry.
 6.3.1.4. Vaccine and Molecular Diagnostics
 6.3.1.5. Structure and functions of Glycoconjugates.
- 6.3.2. **Current Trends in Biochemistry (Paper II)**
 6.3.2.1. Protein Engineering.
 6.3.2.2. Endocrinology.
 6.3.2.3. Chemotherapy
 6.3.2.4. Hematology.
- 6.3.3. **Specialized Topics (Paper III)**
 6.3.3.1. Advanced Immunology.
 6.3.3.2. Advanced clinical Biochemistry.
- 6.3.4. **Thesis/ Practicals (Paper IV)**
 6.3.4.1. **Research work** (Literature Search, Experimental Work, Thesis writing)

DEPARTMENT OF BOTANY

1. Introduction

- 1.1. Botany is the scientific study of plants and fungi. Plants are a vital component of the biosphere and are directly responsible for the conditions required for life on earth. Plant life can be studied from different perspectives, from the molecular, genetic and biochemical level through organelles, cells, tissues, organs, individuals, populations, and communities of plants. Plants are also the mainstay of human and animal diets and provide medicines, timber, paper, clothing and energy.
- 1.2. The Department of Botany was established in year 1979. Initially it was working as a Department of life sciences and later on started functioning separately as Department of Botany from March, 1980. It is responsible to impart training in the field of plant sciences at undergraduate and post graduate level. The academic program comprises up of courses leading to M.Sc. degree as well as research for M.Phil and Ph.D. degrees and independent research projects undertaken by the faculty members.

2. Objectives

- 2.1. To prepare graduates and highly qualified focused professionals in the subject of Botany to meet the future needs of educational institutions / research organizations / forestry / horticulture.
- 2.2. To prepare researchers to meet the need of industry, science and technology.
- 2.3. To provide educational programs which encourage students to think creatively, constructively and to communicate their ideas and skills effectively.
- 2.4. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Educational Institutes, Colleges and Universities
- 3.2. Pharmaceutical Industry
- 3.3. Forests, Wild Life, Agriculture, Horticulture and Floriculture.
- 3.4. Research Organization, Pakistan Agriculture Research Council (PARC), Arid Zone Research Institute (AZRI), Pakistan Council for Science & industrial Research (PCSIR).
- 3.5. Public/Private Research Organizations.

4. Faculty

S.No.	Name	Designation	Qualification	Specialization
1	Dr. Mudassir Asrar	Professor	Ph.D	Phycology & Biochemistry
2	Dr. Rasool Bakhsh Tareen	Professor (TTS)	Ph.D	Plant Taxonomy & Medicinal Plants
3	Dr. A.K.K. Achakzai	Professor / Chairperson	Ph.D	Plant Physiology & Biochemistry
4	Dr. Atta M. Sarangzi	Associate Professor	Ph.D	Plant Ecology
5	Mrs. Gul Bano	Assistant Professor	M.Phil	Genetics
6	Dr. Gazala Shaheen	Assistant Professor	Ph.D	Anatomy & Economic Botany

S.No.	Name	Designation	Qualification	Specialization
7	Dr. Saeed ur Rehman	Assistant Professor	Ph.D	Taxonomy & Environmental Biology
8	Mr. Zahoor Ahmed Bazai	Assistant Professor	M.Phil	Environmental Biology.
9	Dr. M. Younus Khan	Assistant Professor	Ph.D	Genetics & Molecular Biology
10	Mr. Sadullah Laghari	Lecturer	M.Phil	Bryology & Research Methodology
11	Mrs. Basra Sher	Lecturer	M.Sc.	Mycology & Pathology
12	Ms. Shamim Gul	Lecturer	M.Sc.	Molecular Biology
13	Ms. Ayeesha Masood	Lecturer	M.Sc.	Plant Biochemistry/Plant Physiology
14	Ms. Shazia Saeed	Lecturer	M.Phil	Plant Systematics, Biodiversity & Conservation
15	Ms. Kanval Shaukat	Lecturer	M.Sc.	Biostatistics
16	Ms. Shaista Anjum	Lecturer	M.Phil	Bacteriology & Virology
17	Mrs. Bakht Zareen	Herbarium Keeper	M.Sc.	Plant Taxonomy

5. Programs of Study

- 5.1. M.Sc. (2 years)
5.2. M.Phil and Ph.D (2 and 3 years)

6. Description of Courses

- 6.1. All six courses in M.Sc. (1st year) are compulsory, while four courses are compulsory in M.Sc (Final). M.Sc. Final year students also have to opt one optional paper in various disciplines of Botany i.e. Plant Physiology; Ecophysiology; Plant Biochemistry; Phycology; Advance Ecology; Advanced Taxonomy; Molecular Biology and Economic Botany.
The total marks are 1100 and breakdown of all courses are as under:-

6.2. M.Sc. (Previous) Course Work:

Courses offered in M.Sc. (Previous).

Paper #	Title	Marks	
		Theory	Practical
1	Phycology, Bryology & Research Methodology	75	25
2	Bacteriology, Virology, Mycology & Plant Pathology	75	25
3	Plant Physiology	75	25
4	Plant Ecology	75	25
5	Plant Systematic, Biodiversity and Conservation	75	25
6	Plant Anatomy and Diversity of Vascular Plant	75	25

6.3. M.Sc. (Final) Course Work:

Courses offered in M.Sc. (Final).

Paper #	Title	Marks	
		Theory	Practical
7	Genetics	75	25
8	Plant Biochemistry	75	25
9	Environmental Biology & Biostatistics	75	25
10	Research Paper & Presentation	70	30
11	Optional Paper (The students will opt only one of the following courses) i.e. Advance Ecology; Ecophysiology; Phycology; Advanced Taxonomy; Molecular Biology, Economic Botany and Genetics.	75	25

Special Paper will be according to the expertise of the University.

Eligibility Criteria for Admission

7.2. M.Sc.

7.2.1. Passed B.Sc. with Botany

7.2.2. Written test and interview to be qualified with 45% marks.

8. Facilities

8.1. The Department is fully equipped with modern sophisticated equipments. The Department has a Seminar Library, Museum, Herbarium, Botanical Garden and Laboratories of Biochemistry, Ecology, Environmental Biology, Phycology, Physiology and Taxonomy. Departmental Library has a large number of text and reference books and previous issues of Journals.

8.1.1. **Teaching Laboratories.** The Department of botany has two General Laboratories along with the supporting staff to cater to the needs of M.Sc. Students.

8.1.2. **Research Laboratories.** The Eight research Laboratories in the field of Plant Physiology, Phycology, environmental Biology Taxonomy, Genetics, Economic Botany, Anatomy, Ecology, Phytosociology and Dendrochronology have been developed with sophisticated equipments.

8.1.3. **Sophisticated Equipments.** Atomic Absorption Spectrometer, Environmental chamber, High Performance Liquid Chromatography (HPLC), Electrophoresis, Thermal Cycler, U.V.Vis. Spectrophotometer, Biophotometer, Germinators, Weather monitoring, Flame photometer.

8.1.4. **Computer Laboratory.** Department has well established computer laboratory equipped with 24 Pentium IV computers, connected with 2 printers and photocopier, which can be used by research scholars/teachers.

8.1.5. **Departmental Library.** The Departmental Library is managed by a qualified librarian and has over 1250 books covering a wide range of disciplines in Botany for teaching and research purposes. The Departmental Library also possesses research journals of plant sciences like, Pakistan Journal of Botany, Biologia, Journal of Forestry and Nature (back volumes), American Journal of botany (back volumes), Research Journal University of Balochistan, Journal of Cell Science and Journal of experimental Biology.

8.1.6. **Internet Facility.** The internet facility is available. A large number of international research Journals are also available on Digital Library provided by Higher Education Commission and research article of interest can also be down loaded.

S.No.	Name	Designation	Qualification	Field of Specialization
4	Mr. Ali Akbar	Lecturer	M.Sc.	Microbiology
5	Mr. Shabir Ahmad Khan	Lecturer	M.Sc.	Microbiology
6	Mr. Kaleemullah	Lecturer	M.Phil	Microbiology
7	Ms. Sadia Tahir	Lecturer	BS	Microbiology
8	Mr. Imran Nawaz Bugti	Lecturer	MS	Biotechnology

5. Programs of Study

- 5.1. 5.2.1. **M.Sc. (2 years) (eligibility)**
 5.2.2. Students (Male/Female) with at least 2nd division in B.Sc (Zoolog, Botany, Bio-chemistry and organic chemistry) are eligible to apply for two years M.Sc program under the annual system.

6. Description of Courses

6.2 MSc-2 Year Program

6.2.1 M.Sc Previous

6.2.1. Paper-I	General Microbiology
6.2.2. Paper-II	Microbial Genetics
6.2.3. Paper-III	General Immunology
6.2.4. Paper-IV	Introduction to Mycology (3 hours)
6.2.5. Paper-V	Environmental Microbiology & Biostatistics
6.2.6. Paper-VI	General Virology & Cell Culture
6.2.7 Paper-VII	English Functional

6.2.2 M.Sc Previous

6.2.1. Paper-I	Diagnostic Microbiology
6.2.2. Paper-II	Soil Microbiology
6.2.3. Paper-III	Marine Microbiology
6.2.4. Paper-IV	Medical Microbiology
6.2.5. Paper-V	Biotechnology & Bioinformatics
6.2.6. Paper-VI	Research Report / Thesis

7. Facilities

- 7.1. **Teaching Laboratories:** - A laboratory has been established at the Department of Microbiology to teach basic techniques in bacteriology, immunology virology, hematology and mycology. The laboratories of the Department Zoology are being shared for teaching different microbiological techniques, where desired equipment and other required facilities are available.
- 7.2. **Research Laboratories:** - The research laboratories of CASVAB are being utilized for the research projects till the establishment of full-fledged research laboratories with required facilities become available at the Department of Microbiology
- 7.2.1. **Research is carried out in the fields/area of:-**
- Bacteriology
 - Virology
 - Mycology
 - Immunology
 - Molecular Biology
 - Public Health problems
 - Disease Diagnosis (Viral, Bacterial, Fungal & Protozoan)
 - Biological Product (vaccines etc) production
 - Serology & modern diagnostic/ research techniques

- 7.3 **Computer Laboratory:-** The central computer laboratory of the University is located in the department of Physics and could also be used by research scholars/ teachers of other department. An independent computer laboratory has also been established at the Department where the students are also allowed to avail the facility to acquaint with latest available knowledge through internet facility.
- 7.4 **Department Library:-** A department library has been established and about 100 books on different topic of basis microbiology subjects are available for the students. Purchase of relevant books is in progress. Facility of Central Library has also been extended to the students, to increase their desired knowledge. Further, the library of CASVAB has all the relevant text/ reference books and laboratory manual concerning to the subject which are also made available for the students enrolled at the Department of Microbiology.
- 7.5 **Internet Facility:-** 10 Computers along with internet facility are available at the Department and students are allowed to use the internet after university timings.
- 7.6 **Journals and Articles:-** A large number of international research journals and articles are also available on Digital Library provided by here Higher Education Commission and facility has been extended to the students for downloading research articles etc.
- 7.7 **Multimedia and overhead Projector Facility:-** For teaching subjects on modern lines facility of Overhead project is available at the department.

DEPARTMENT OF ZOOLOGY

1. Introduction

- 1.1. Zoology is the study of organisms and their surrounding environment. Basically it is a combination of various disciplines such as Genetics, Physiology, Ecology, Developmental Biology, Microbiology, Parasitology, Entomology, Limnology, Fisheries and Wildlife etc. it plays pivotal role in socio-economic alleviation of poverty and in human resource development.
- 1.2. Department of Zoology is one of the oldest department, started since 1979 under the Chairmanship of Doctor Maqsood Ali, Ph.D (USA). It is offering graduate, post graduate and Doctoral programmes in various disciplines of Zoology.

2. Objectives

- 2.1. To provide qualified and focused professionals in the subject of Zoology to meet the future needs of educational institutes, industry and society.
- 2.2. To prepare researchers to meet the needs of industry and research organizations, science and technology.
- 2.3. To impart knowledge of major disciplines of Zoology, enabling the students to understand the principles of organization and inter-relationship in the Biological Systems with particular references to Animal diversity
- 2.4. To teach different methods to exploration, investigations, organization to data and its utilization in practical life.
- 2.5. To equip students with knowledge and skill for better planning and management of Animal resources, Environment, Health, Medicine, Agriculture and pest control.
- 2.6. To provide educational programs, which encourage students to think creatively.
- 2.7. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.

3. Vocational Job Opportunities/Marketability of Graduates

- 3.1. Teaching and Research in public and private organizations.
- 3.2. Forestry, Agriculture and Biological Control Programmes.
- 3.3. Integrated Pest Management.
- 3.4. Poultry, Fisheries and live stock Industry.
- 3.5. Wildlife Management and Conservation, Government/NGO.
- 3.6. Environmental Conservation and Protection Agencies.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialistaion
1	Dr. Asmatullah Kakar	Assistant Professor / Chairperson	Ph.D	Parasitology / Biochemistry
2	Mrs. Rehana Mushtaq	Assistant Professor	M.Phil	Biochemistry
3	Dr. M. Iqbal Yasinzai	Assistant Professor	Ph.D	Entomology / Parasitology
4	Dr. Asim Iqbal	Assistant Professor	Ph.D	Entomology / Limnology
5	Mr. Shahbuddin	Assistant Professor	M.Phil	Parasitology
6	Mr. Zahoor Ahmed	Assistant Professor	M.Phil	Parasitology
7	Mr. Faizullah Khan	Lecturer	M.Phil	Parasitology
8	Mr. Ghulam Dastagir	Lecturer (on S.leave)	M.Phil	Fisheries / Limnology
9	Mr. Wali Muhammad	Assistant Professor	M.Phil	Fisheries / Parasitology
10	Mr. Kifayatullah	Lecturer(on S.leave)	M.Phil	Microbiology
11	Mrs. Umbreen Shaheen	Lecturer(on S.leave)	M.Sc.	Parasitology
12	Mr. Saeed Ahmed	Lecturer	M.Sc.	Entomology
13	Ms. Tahsen Ara	Lecturer	M.Sc.	Entomology
14	Mr. Kashif Kamran	Museum Curator	M.Sc.	Animal Science
15	Ms. Ayesha Mehrab	Lecturer (Visiting)	M.Sc.	Fisheries
16	Mir Chakar Baloch	Lecturer	M.Sc.	Fisheries
17	Dr. Juma Khan	Professor	Ph.D	Parasitology

5. Programs of Study

- 5.1. M.Sc 02 years duration
- 5.2. M.Phil 02 years duration
- 5.3. Ph.D. 02-5 years as a regular student

6. Description of Courses

6.1.	M.Sc Zoology (Previous)	Theory	Practical	Marks
I.	Cell Biology and Biochemistry	25	75	100
II.	Animal Diversity and Wild Life	25	75	100
III.	Physiology and Biostatistics	25	75	100
IV.	Genetics and Biostatistics	25	75	100
V.	Environmental Biology	25	75	100
VI.	Development Biology	25	75	100

- 8.3. **Computer Laboratory** An air conditioned computer lab, for the student is established, comprising 24 computers along with printers and internet connectivity.
- 8.4. **Departmental Library** Departmental library under qualified librarian has more than 1450 books covering a wide range of disciplines in Zoology for teaching and research purposes are available.
- 8.5. **Zoology Museum**
Full flag wide range of collection including stuff animals and preserved animals for various respective courses are arranged.

Department of Geology
Department of Geography



Faculty of Earth & Environmental Sciences





DEPARTMENT OF GEOLOGY

Introduction

- 1.1. Geology is the science of earth dealing with rocks, minerals, the origin, history and structure of the earth. It plays an important role in the economy of a nation. It is one of the most important subjects of basic and applied sciences, particularly with reference to the Balochistan province, which provides excellent opportunities for the development and exploitation of natural resources. Balochistan has high prospects for geological research and exploration of economic mineral deposits, petroleum, groundwater and other natural resources.
- 1.2. The Department of Geology is one of the seven departments, established at the raising of the University of Balochistan, in 1971. During the initial years, the department offered only M.Sc. courses. Now BS 4-Years (Applied Geology) Program is also offered.

Objectives

- 2.1. To prepare high quality professionals in the field of geology through 4-Years B.S. (Applied Geology) and 2-Years M.Sc. (Geology) programs in order to meet the national and international needs.
- 2.2. To prepare professional and skilled manpower in the field of Applied Geology, capable of carrying out geological field and analytical work independently.
- 2.3. To provide training to plan and conduct goal-oriented research projects and assess their socio-economic aspects, achieve targets, write technical reports and scientific research papers and provide consultancy services.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. The graduates will have opportunities to work in the following organizations:
Geological Survey of Pakistan (GSP),
Pakistan Atomic Energy Commission,
Hydrocarbon Development Institute of Pakistan,
Water and Power Development Authority (WAPDA),
Oil and Gas Sector,
Pakistan Mineral Development Corporation (PMDC),
Balochistan Development Authority (BDA),
Public Health Engineering Department,
Various educational institutions (mostly Universities and Colleges) and
Various national and international mineral exploration companies.
- 3.2. The opening of new projects, such as Saindak Metals Limited, Rikho-Dic Copper-Gold Project, Gawadar Port, construction of dams, development of gas pipeline from Iran to India, development of water reservoirs and thermal (coal-based) power stations in the country, have high potential for new job opportunities.

4. Faculty

S.No	Name	Designation	Qualification	Specialization
1	Dr. Muhammad Ibrahim Baloch	Associate Professor Chairperson	Ph.D Ukraine	Hydrogeology
2	Dr. Akhter Mohammad Kassi	Meritorious Professor and Dean	Ph.D. UK	Sedimentology
3	Dr. Abdul Tawab Khan	Professor	Ph.D.	Ingenuous Petrology
4	Mr. Muhammad Ayub Baloch	Asst. Professor	M.Phil	Petroleum Geology
5	Mr. Din Mohammad Kakar	Asst. Professor	M.Phil	Sedimentology

6	Mr. Nasir Karim	Asst. Professor	M.Sc.	Sedimentology
7	Mr. Rahim Jan	Asst. Professor	M.Phil	Sedimentology
8	Mr. Mohibullah	Lecturer (S.L)	M.Sc	Biostratigraphy
9	Mr. Rahim ud din	Lecturer	M.Sc.	Petroleum Geology
10	Mr. Tahir Iqbal	Lecturer	M.Sc.	Hydro-Geology
11	Ms. Khadija Nadimi	Lecturer (S.L)	M.Sc.	Geophysics
12	Ms. Shazia Fareed	Lecturer (Adhoc)	M.Sc.	Physics
13	Ms. Nazima Yousaf	Lecturer (Adhoc)	M.Sc.	Chemistry
14	Mr. Aminullah	Museum Curator	M.Sc.	Petroleum Geology

5. Programs of Study

5.1 M.Sc.

5.1.1. Duration: M.Sc. Program is running under annual system

6. Description of Courses

6.1. M.Sc. Programme

	Course No.	Title	Marks
6.1.1.	M.Sc. Previous		
	I	Structural Geology and Tectonics	75+25
	II	Sedimentology	75+25
	III	Economic Geology & Field Geology office	75+25
	IV	Igneous and Metamorphic Petrology	75+25
	V	Mineralogy	75+25
	VI	Micropaleontology and Biostratigraphy	75+25
	VII	Geophysics and Geomorphology	75+25
6.1.2.	M.Sc. Final		
	X	Geology of Pakistan	75+25
	XI	Research Project, Thesis and Viva	50+50
	XII XV	Four courses to be chosen from a number of Groups of Specialization, depending on the availability of facilities in the Department. Two courses (out of the 4 chosen) must be directly relevant to the Thesis.	75+25 (each)
6.1.3	Groups of Optional Courses		
	Group 1	Mineralogy and Petrology	
	Group 2	Paleontology and stratigraphy	
	Group 3	Economic Geology	
	Group 4	Engineering Geology	
	Group 5	Petroleum Geology	
	Group 6	Sedimentology	
	Group 7	Hydrology	
	Group 8	Industrial Mineralogy	
	Group 9	Environmental Geology	
Group 10	Structure, Tectonics and Neotectonics		

7. Eligibility Criteria

7.1. M.Sc. (Geology) Programme

- 7.1.1. Passed B.Sc. Examination with the subject of Geology,
- 7.1.2. Medically fit. Beside general health, the student should be capable of undertaking climbing heights during field work and should not suffer from color blindness for the purpose of optical work,
- 7.1.3. Should qualify the entry test securing 40% marks.

8. Facilities

8.1. **Departmental Library** Library of the Department contains more than 2500 textbooks, reference books, geological encyclopedias, field reports and audiovisual materials (i.e. geological videos, CDs, slides and Transparencies).

8.2. Laboratories

- 8.2.1. **Geochemistry Laboratory:** This laboratory has some facilities for geochemical analysis. It is equipped with glassware and chemicals.
- 8.2.2. **Petrography Laboratory:** The petrography lab has facilities for megascopic analysis of minerals and rocks.
- 8.2.3. **Microscopic Laboratory:** This laboratory is well equipped for the microscopic analysis of the rocks and minerals. It contains transmitted and reflected research microscopes, polarizing microscopes and projected microscopes. One of the research microscope has attached computer, display monitor and camera for obtaining microphotographs.
- 8.2.4. **Thin Section Workshop:** This workshop contains facilities for preparation of thin sections of rocks and is equipped with rock cutting machine, polishing machine, grinder with different mesh sizes, abrasive sands and other chemicals used for the preparation of thin sections of rocks. Other equipments include crusher, water distal plant, and micro grinder.
- 8.2.5. **Computer Laboratory:** This laboratory is equipped with fifteen computers, a Laser Printer, a Scanner and a Photocopier. Computers have connection with the main network of the University and internet. A large number of international research journals are also available on the Digital Literary provided by the Higher Education Commission, where students can download research articles of their interests.
- 8.2.6. **Museum** is one of the attractive places of the University. It contains about 1000 specimens of Rocks, minerals and fossils of foreign and local collections.

DEPARTMENT OF GEOGRAPHY

1. Introduction

- 1.1. Geography examines the interlocking systems of the natural and human environments; evaluates earth's potential and assesses the available means to exploit these potentials in a sustainable manner for the man's life. Geography determines and influences human behavior in spatial terms, at all levels from small scale personal activities to the Geopolitical practices of nations states.
- 1.2. The GIS, Remote Sensing and Computer based Cartography skills help one easily to understand the human induced changes to the environment which threaten the balance of life itself.
- 1.3. The Department of Geography was established in 1985. It caters formal education and research in the fields of Human and Physical Geography with a focus on spatial dimensions of human activities and physical landscapes and awards Master's degree in two years study programme.

2. Objectives

- 2.1. To provide educational programmes which encourage students to think creatively, constructively and to communicate ideas effectively.
- 2.2. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.3. To provide qualified and focused professionals in the subject of Geography to meet the future needs of educational institutions and field oriented research departments enthusiastically.
- 2.4. To prepare researchers to meet the needs of research organizations and administration.
- 2.5. To keep the society aware regarding socio-cultural, environmental and economic problems spatially located.

3. Job Opportunities/ Marketability of Graduates

- 3.1. Planning and Development Departments at National and Provincial level.
- 3.2. Firms consulting on environmental problems
- 3.3. Small Scale Industries: As a Locational and Retail site Planner
- 3.4. Institutions needing Environmental Analysts
- 3.5. As a GIS Analyst in Corporation Operating GIS.
- 3.6. Census Organizations: Population, Agricultural and etc.
- 3.7. Government Strategic Policy Analysis Departments
- 3.8. GSP and Survey of Pakistan
- 3.9. Meteorological Observatories
- 3.10. Tourism Departments
- 3.11. Crisis Management Cells
- 3.12. Educational Institutions
- 3.13. SUPARCO
- 3.14. As a Social organizer in NGOs.

4. Faculty

S.No	Name	Designation	Qualification	Field of specialization
1	Mr. Muhammad Nawaz	Assistant Professor Chairperson	M.Sc.	Urban Geography
2	Mr. Ahmed Saeed	Assistant Professor	M.Sc.	Geomorphology
3	Dr. Ifthkhar Ahmed	Assistant Professor	Ph.D (China)	Seismology
4	Mr. Taleem Badshah Khattak	Assistant Professor	M.Sc.	Urban / Regional Planning
5	Mr. Romana Ambreen	Lecturer	M.Sc.	Geomorphology
6	Dr. Said Qasim	Lecturer	Ph.D (Thailand)	Geomorphology
7	Mrs. Abida achakzai	Lecturer	M.Sc.	Urban Geography
8	Mr. Ain ud Din	Lecturer	M.Sc.	Climatology
9	Ms. Nargis Kamal	Lecturer	M.Sc.	Population Geography
10	Mr. Sanaullah	Lecturer	M.Sc.	Regional Planning
11	Mr. Sana ullah	Lecturer	M.Sc.	GIS

5. Programs of Study

- 5.1. **M.Sc.** The Master's Degree programme covers two years. During 1st year, core courses are offered, while in the 2nd year candidates can opt for any one of the given fields of specialization. Furthermore, the department has in process to approve curricula and registration of M.Phil / MS. And Ph.Ds.

6. Description of Courses

6.1. Previous

6.1.1. Theory Papers

- 6.1.1.1. Geomorphology
- 6.1.1.2. Climatology and Oceanography
- 6.1.1.3. Geography of Pakistan
- 6.1.1.4. Settlement geography
- 6.1.1.5. Economic geography

6.1.2. Practical

- 6.1.2.1. Cartography
- 6.1.2.2. Maps & Air Photos Interpretation
- 6.1.2.3. Topographic Survey
- 6.1.2.4. Computing

6.2. M.Sc. Final

- 6.2.1. Compulsory Theory Papers
 - 6.2.1.1. Geographic Thought
 - 6.2.1.2. Geographical Information System

Optional Papers

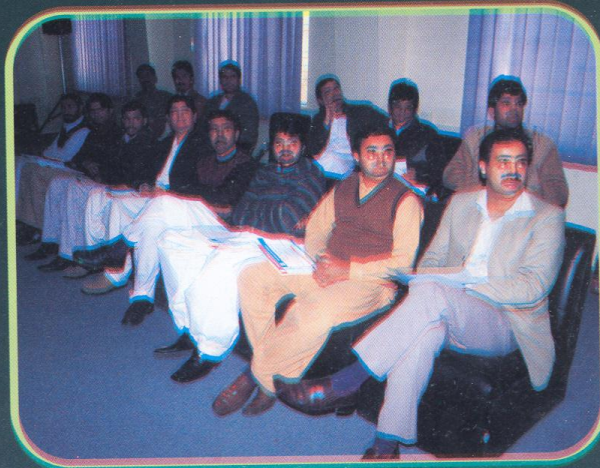
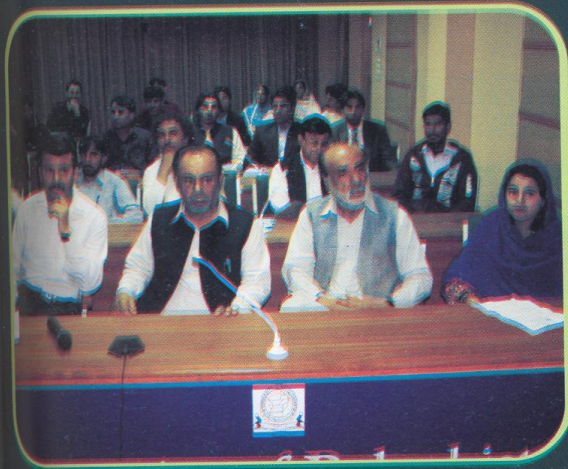
6.3.1. Physical Geography (Group-I)

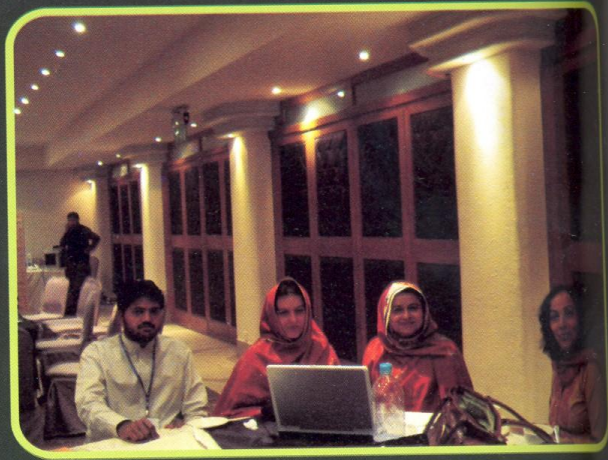
- 6.3.1.1. Techniques in Geomorphology
- 6.3.1.2. Quaternary Geology

Department of Education
Department of Media & Journalism
Department of Philosophy
Department of Psychology



Faculty of Education & Humanities





DEPARTMENT OF EDUCATION

1. Introduction

- 1.1. The Department of Education is the premier teacher education institution in Balochistan. One year Master of Education (M.Ed.) program was introduced in 1976 to extend opportunities for an advanced degree in the discipline of education.
- 1.2. One-Year M.Ed. and B.Ed. Evening programs on Self-Finance basis were launched in 1999 to provide opportunities for professional growth and development for working school teachers.

2. Objectives

- 2.1. To produce professional teachers, who have the theoretical knowledge and understanding, combined with practical skills, competencies and commitment to teach.
- 2.2. To inculcate the habit of enquiry and seek research based knowledge and understanding with a view to improve teaching and learning.

3. Faculty

Sr. No.	Name	Designation	Qualification	Field of Specialization
1	Prof. Dr. Rasool Bukhsh Raisani	Professor	Ph.D.	Instructional Strategies, Education Administration and Supervision
2	Mr. Dost Muhammad Tareen, Chairperson	Assistant Professor /	M.Phil	Research & Statistics, School Organization & Management.
3	Mrs. Amir Bano	Assistant Professor	M.Phil	Educational Psychology, Guidance and Counseling.
4	Mrs. Shireen Taj	Assistant Professor	M.Ed.	Curriculum Development Society School and Teacher
5	Miss. Sajida Noureen	Assistant Professor (on leave)	M.Ed. (UK)	Curriculum Development Society School and Teacher
6	Mr. Abdul Nasir	Lecturer	M.Ed.	Education Foundation, Computers in Education, Guidance & Counseling, Education Administration and Supervision
7	Ms. Zahida Achakzai	Lecturer	M.Ed.	Education Measurement and Supervision
8	Ms. Syeda Basit Anjum	Lecturer	M.Ed.	On Study Leave
9	Ms. Ayesha Akbar Gilani	Lecturer	M.Ed.	Ex-Pakistan Leave
10	Mr. Ashraf Nasir	Lecturer	M.A. Education	On Study Leave
11	Ms. Bushra Batool	Lecturer	M.Ed.	Education Psychology, Foundations of Education, Philosophy of Education
12	Ms. Khalida Panezai	Lecturer	M.Ed.	Education Psychology, Teaching of Pakistan Studies.

4. Programs of Study

- 4.1. M.Ed. (Morning):
- 4.2. M.Ed. (Evening):

5. Description of Courses

- 5.1. **M.Ed.**
 - 5.1.1. Foundations of Education
 - 5.1.2. Research Methods in Education
 - 5.1.3. Curriculum Development
 - 5.1.4. Guidance and Counseling
 - 5.1.5. Educational Administration and Supervision
 - 5.1.6. Measurement and Evaluation in Education
 - 5.1.7. Modern Instructional Strategies
 - 5.1.8. Research Paper and Presentation.

6. Eligibility Criteria

6.1.	Program of Studies	Qualifications for Admission
	M.Ed (Morning)	B.Ed. II Div
	M.Ed (Evening)	B.Ed. II Div

7. Facilities

- 7.1. **Departmental Library:** The Department of Education has one departmental library containing 3000 Books and other reference and resource material for the students and teachers of the Department.
- 7.2. **Computer Laboratory:** The Department has a computer Laboratory with Fifteen (15) computers and Internet
- 7.3. **Science Laboratory:** The Science Education Laboratory of the Department has essential equipment and apparatus for practical work in the Science subjects at secondary level.
- 7.4. **Instructional Aids:**
 - 1 Computers
 - 2 7 Printers,
 - 3 Multimedia,
 - 4 5 OHPs,
 - 5 4 Screens,
 - 6 1 Photocopier
 - 7 1 Movie Camera,
 - 8 1 Still Camera
 - 9 Laptops

DEPARTMENT OF MEDIA AND JOURNALISM

1. Introduction

- 1.1. Department of Media and Journalism offers two years Master's programme in Mass Communication to cater to the needs of both print and electronic media industry.
- 1.2. Established in January 1987 by Dr. Professor Seemi Naghmana Tahir it initiated regular teaching in March 1987 with a small faculty of three, which has now grown manifolds.
- 1.3. With the passage of time and enhanced faculty, new subjects were introduced and more efforts were put in to bridge the gap between theory and practice of Mass Communication and to meet the requirements of rapidly changing media market in the country. Department of Mass Communication today is at par with leading universities of the country.
- 1.4. Mass Communication Department has been able to produce true professionals who have been duly recognized at national and international levels and are deputed on key posts, be it print and electronic media, public relations, NGOs, etc.
- 1.5. Courses offered by the Department are all aimed to cater to the future challenges of the professionals. Print and electronic media, reporting, sub-editing, advertising and public relations, development communications, research and magazine production are some of the major subjects taught keeping in view the marketability needs of the industry.

2. Objectives

- 2.1. To study contemporary knowledge of communication theories, methodologies, principles and strategies of communication, to become efficient communicators, media managers, administrators and researchers.
- 2.2. To seek inspiration from contributions of eminent regional journalists and scholars in the field of journalism.
- 2.3. To inculcate professional skills of managing media, reporting, public relations, advertising, development communication, newspapers and magazines production, electronic media and to conduct research in field of communication.
- 2.4. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.5. To provide qualified and focused professionals in the subject of Mass Communication to meet the future needs of educational institutes or industry.

3. Vocational job opportunities/ Marketability of Graduates

- 3.1. **Print media:** Newspapers & Magazines (newspapers and magazines in the capacity of reporters, sub-editors, news editors, assistant editors, heads of various editions, magazine in charge, editors, etc.).
- 3.2. **Electronic media:** Television & Radio, Production Houses (News reporters, anchors, producers' programmes, news and current affairs, translators, sub-editors and broadcasters).
- 3.3. **Public relations:** Public relations officers/managers, information officers, event managers, etc in

3.4. **Development sector:** NGOs and development agencies.

3.5. **Advertising:** Copy writers, concept writers, graphic designers, creative directors, account executives and managers in advertising agencies.

3.6. **Government jobs:** Press Information Department, Directorate of Public Relations and other departments.

4. Faculty

4.1. The Department of Mass Communication has highly qualified and professionally experienced faculty comprising the following:

Sr. No.	Name	Designation		
1	Mr. Suleman Raja	Assistant Professor Chairperson	M.A (UK)	Print Media, Public Relations (T)
2	Mr. Naseebullah	Assistant Professor	M.A Mass Comm:	Newspaper Production, Online Journalism, Electronic Media.
3	Mr. Baram Khan	Assistant Professor	M.A. Mass Comm:	Advanced Writing, Language & History
4	Mr. Yousaf Masih	Assistant Professor	M.A. Mass Comm:	Development Communication & Advertising
5	Mr. Ejaz Ahmed	Lecturer	M.A. Mass Comm:	Opinion Writing
6	Mr. Fahim Baloch	Lecturer	M.A. Mass Comm:	Magazine Production, Public Relations
7	Mr. Babrak Niaz	Lecturer	M.A. Mass Comm:	Media History and Laws
8	Mr. Mohammad Hayat	Lecturer	M.A. Mass Comm:	Research, Current Affairs
9	Ms. Sadaf Naqvi	Lecturer	M.A. Mass Comm:	Radio and TV Journalism

5. Programs of study

5.1. M.A course, a two years degree programme.

5.2. Internship introduced in 1995 is mandatory for the students. The Students are required to serve in media Organizations for a period of three months or 180 hours in the Final Year. Students of MA Final are also required to produce and publish a Magazine.

5.3. M. Phil and Ph.D scholars have to complete the requisite number of credit hours for course work as laid down in the Higher Education Commission regulations for the said degrees. A thesis based on original research work is required to be submitted and defended. Duration of these degrees depends on the performance of the student and on the nature of research work. However the minimum time limit for M. Phil is two years and for Ph. D. three years.

6. Description of courses for M. A

6.1. The Department of Mass Communication offers a two year Master's degree programme in Mass Communication. Following courses are included in the scheme of studies.

6.2. Previous

	<u>Paper title.</u>	<u>Marks.</u>
I)	Functional English.	50
II)	Mass Media in Balochistan.	100
III)	Functional Urdu.	50
IV)	Theories of Mass Communication.	100
V)	Print Media in Pakistan.	100
VI)	Re-writing & Sub-Editing.	100
VII)	Reporting.	100

6.3. Final

VIII)	Radio & Television Journalism.	100
IX)	Advertising & Public Relations.	100
X)	Current Affairs: Pakistan & Around.	100
XI)	Opinion Writing.	100
XII)	Magazine Production.	
	i) Theory.	50
	ii) Practical/Viva Voce.	50
XIII)	Development Support Communication and Research Methodology.	100
XIV)	Internship.	50
	i) Practical:	30
	ii) Viva Voce:	20
XV)	Research Paper	100
		<u>1350</u>

7. Eligibility criteria for admission:

- 7.1 B.A./B.Sc
- 7.2 Passed the above examination at most two years prior to the year of admission.

8. Facilities

- 8.1. **Broadcast Academy:** Department has established a Broadcast Academy in collaboration with Internews Network International under a linkage programme between the Internews and University of Balochistan. Academy has the capacity of training 12 students in a group providing them recording, editing and mixing techniques on latest technological equipment and soft wares.
- 8.2. **Teaching Class Rooms:** The Department has three class rooms having a maximum capacity of accommodating 40 students for their theoretical work based on class room teaching. Equipped with latest white boards, students can also be acquainted through modern means of teaching i.e. multi-media and over-head projectors.
- 8.3. **Production/Computer Laboratory:** A Production Laboratory equipped with latest computers exists in the Department for carrying out the Magazine and Newspapers production. Students are also practically trained in newspapers and magazines layout, advertisements and graphics designing, composing and electronic editing of news, features, articles, etc.

- 8.4. **Audio Visual Lab:** Department has a multi-purpose hall that can be used as Audio-Visual Lab and for holding seminars, workshops and conferences while the guest speakers are also invited for delivery of lectures.
- 8.5. **Seminar Library:** The Department's Seminar Library contains over 600 books covering wide range of subjects in Mass Communication for teaching and research purposes. These books are in addition to books stocked in the Central Library of the University. Besides, Library has a range of books on general topics, and reference books for research purposes. Newspapers and latest magazines are also available for the students

9.Future Plans

- 9.1. Instead of offering only one masters degree programme, Department plans to offer three specializations as is being offered in University of Karachi and also planned by University of The Punjab but in Balochistan with some area specific changes.
- 9.2. **Three sequence programe:**
 - 9.2.1. In the first year or two semesters core courses will be taught to all students but in the final year they will be offered three options:
 - 9.2.2. Print Media & Public Relations
 - 9.2.3. Development Support Communication & Media Research
 - 9.2.4. Electronic Media: Radio and Television
- 9.3. **Establishment of FM Radio Station:**
 - 9.3.1. As a first step towards providing training in the field of electronic media, Department of Mass Communication is planning to establish FM Radio Station in the Department where the students will be provided opportunity for writing, producing, editing and broadcasting various radio programmes as part of their course of study. Department has already set up a full fledged Broadcast Academy in which Radio production work is being undertaken.
- 9.4. **Establishment of Television Studio:**
 - 9.4.1. Consequently, the Department also needs to establish Television Studio for in-house television broadcasting to cater to the needs of emerging job market in the field of television.

DEPARTMENT OF PHILOSOPHY

1. Introduction

- 1.1. Philosophy is defined as seeking truth for the sake of it the Study of Philosophy is essential for the understanding of the history of cultures, ideas religions, civilizations, and sciences, and the history of cultures. Socrates said “the unexamined life is not worth living”. He could not be more right. An examined life will be all the better for its. Philosophy deals with the truth behind entire human experience and knowledge.
- 1.2. Philosophy provides a transferable skill, one that can be used in many walks of life. It provides training in thinking rationally that cannot be obtained elsewhere. It gives a general training in thinking and writing clearly. It also provides help in problem solving, and in thinking critically. Both ethics and logic are part of philosophy, and most people will face significant ethical questions in the course of their work and would do better in their work if they thought logically.
- 1.3. The Department of Philosophy was established in the year 1987 by Dr. Saeed Ahmed Rafiq as its first Chairman. It offers Masters degree programme of 2 years.

2. Objectives

- 2.1. To provide qualified and focused professionals in Philosophy to meet the future needs of educational institutes and industry.
- 2.2. To provide educational programs which encourage students to think creatively, constructively and to communicate their ideas effectively.
- 2.3. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.4. To prepare researchers to meet the needs of industry and research organizations.

3. Vocational Job Opportunities/ Marketability of Graduates

- 3.1. Instructors in philosophy at colleges and universities.
- 3.2. Curriculum development and instruction in Civic Education, Human Rights Education and Professional Ethics for both relevant institutions of the public sector (e.g. Ministry of Education, Ministry of Youth, Sport and Culture, federal Police Commission; etc) and Non Governmental Organizations.
- 3.3. Civil Service (researchers and advisers for parliamentarian and parliamentary committees).
- 3.4. Social Work Departments.
- 3.5. NGOs (work in the areas of demoralization and governance environment and development, and peace)
- 3.6. Journalism and Publishing.

4. Faculty

Sr. No.	Name	Designation	Qualification	Field of Specialization
1	Malik Mohammad Tariq	Assistant Professor / Chairperson	M.Phil	Muslim Philosophy
2	Dr. Rubina Kousar Lodhi	Associate Professor	Ph.D.	Greek Philosophy
3	Mr. Hamid Hassan Khan	Assistant Professor	M.A.	Modern Philosophy

5. Programs of Study

- 5.1. M.A. Two years program

6. Description of Courses

6.1. M.A Previous

- 6.1.1. Ethics.
- 6.1.2. Medieval Muslim Philosophy
- 6.1.3. Greek and Medieval Philosophy.
- 6.1.4. History of western Philosophy.
- 6.1.5. Meta Physics.
- 6.1.6. Functional English.

6.2. M.A. Final

- 6.2.1. Logic
- 6.2.2. Contemporary Western Philosophy
- 6.2.3. Muslim Thought in Sub-Continent
- 6.2.4. Philosophy of Religion
- 6.2.5. Research paper and presentation.

7. Eligibility Criteria for Admission

- 7.1. B.A./B.Sc

8. Facilities

- 8.1. **Computer Laboratory.** Department has a well established computer laboratory equipped with latest computers.
- 8.2. **Departmental Library.** The Departmental Library is managed by a qualified librarian and has a collection of books covering a wide range of disciplines in Philosophy history and culture for teaching and research purposes.
- 8.3. **Internet Facility.** The internet facility is available. A large number of international research journals are also available on Digital Library provided by Higher Education Commission and research article of interest can also be down loaded.

DEPARTMENT OF PSYCHOLOGY

1. Introduction

- 1.1. Human nature and personality development, besides attitudes, have always been interesting topics. Psychology, as an emerging social science, presents a great deal of knowledge on these topics. Consequently, today this discipline is acknowledged and employed for the solution of different practical questions in various walks of life.
- 1.2. Psychology not only focuses upon, in detail, the issues like personality, Attitude, Learning, perception, Intelligence, Motivation, but also helps an individual in the adjustment of his/ her own environment. Psychologists positively help the society at large to resolve the social issues like violence, discrimination, terrorism, crimes, etc.
- 1.3. Psychology belongs to that category of Social Sciences which are the sciences concerned with the people in the society. Psychology is an empirical study of human mind and behavior as such it touches every person. Knowledge of Psychology is therefore important in every human endeavor.
- 1.4. It exercises an influence on the understanding and progression of other social sciences like Economics, Business, Human Resource, Administration and Social Work. The main objective of the Department of Psychology is to create awareness about the field of Psychology and its application in daily personal, professional and academic sphere of life.
- 1.5. The Department of Psychology was established in 1989 with a team led by Dr. Muhammad Waseem (chairman), Mrs. Neelam Firdous and Dr. Muhammad Azam Tahir. In the first batch 15 students were enrolled for a two years M.A. degree program. Today, this department has come to be as seat of rich learning in Psychology aimed at exploring human psyche.

2. Objectives

- 2.1. To provide qualified and focused professionals in Psychology to meet the future needs of educational institutes or industry.
- 2.2. To foster an environment that promotes learning through quality and research while encouraging mutual respect, tolerance and sensitivity.
- 2.3. To prepare researchers to meet the needs of industry and research organizations, science and technology.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Education and Research Institutes
- 3.2. Armed Forces, Public / Private
- 3.3. NGOs

4. Faculty

Sr. No.	Name	Designation	Qualification
1	Dr. Mohammad Azam Tahir	Assistant Professor (TTS) Chairperson	Ph.D. (Greece)
2	Mrs. Neelam Firdous	Assistant Professor	M.Sc.
3	Ms. Mehreen Siddique	Lecturer	M.A.
4	Ms. Nasreen Ali	Lecturer	M.A.

Sr. No.	Name	Designation	Qualification
5	Ms. Saima Ambreen	Lecturer (on study leave)	M.Sc.
6	Ms. Sara Durrani	Lecturer (on study leave)	M.S.
7	Syed Azizuddin Agha	Lecturer	M.A.
8	Mrs. Samreena Rose	Lecturer	M.A.
9	Ms. Arifa Zainab	Lecturer	M.A.

5. Programs of Study

5.1. M.A. in Psychology: A two year degree Program based on the following offered courses.

6. Description of Courses

6.1. M.A. (Previous)

6.1.1. (Total marks M.A. Previous 500)

Paper Title	Marks
I History of Psychology	100
II Social psychology	100
III Psychopathology	100
IV Industrial & Organizational Psychology (a)Practical	100

6.2. M.A. (Final)

6.2.1. (Total marks M.A. Final 500)

*Paper Title	Marks
V Experimental Psychology	100
VI Clinical Psychology	75
VII Counseling Psychology	100
VIII Psychological Testing	100
a)Practical & Psychological Tests	100
b)Clinical Assessment Report	25

7. Eligibility Criteria for Admission

7.1. B.A/B.Sc. compulsory with Psychology (No admission forms would be accepted for processing without Psychology at Graduate level).

8. Facilities

8.1. **Experimental Laboratory.** The Department of Psychology has one laboratory, supervisor.

8.2. **Departmental Library.** The Departmental Library has over 500 books which cover wide ranged areas in psychology for teaching and research purpose. The library is managed by a qualified and professional librarian.

DEPARTMENT OF HISTORY

1. Introduction

- 1.1. History is the study of the past based on findings, evaluation, and interpretation recorded evidence. It is a discipline that seeks both to understand the past in its own terms and to explain the present in light of the past for future guidance. Historical fields are usually defined by period, place, and theme. To know history is to know what people did in the past and why; to simply put, history concerns everything that exists or has existed. Students of history learn how to ask pertinent questions to society and to find answers through research and logical thought. Individually as well as collectively, they also become able to know how to utilize past experiences for better future planning.
- 1.2. The study of history provides majors with the research, analytical and informative skills necessary to every type of career. These skills include the ability to read quickly and pick out important points, to assimilate and synthesize information from a variety of sources, to present information effectively in oral and written form, and to make an informed judgment and to argue its merits.
- 1.3. The Department of History, University of Balochistan was established in the year March, 1987. In the first batch forty seven students were enrolled for a two year M.A degree course with just three teaching staff members. Over a span of nineteen years the Department has now adequately expanded in view of the present needs.

2. Objectives

- 2.1. To provide qualified and focused professionals in History to meet the future needs of educational institutes & research organizations.
- 2.2. To provide educational program which encourages students to think creatively, constructively and to communicate their ideas effectively.
- 2.3. To foster an environment that promotes learning through quality teaching and research which encourage mutual respect tolerance and sensitivity.
- 2.4. To prepare researchers to meet the needs of industry and research organizations, science and technology.

3. Vocational Job Opportunities/ Marketability of Graduates

- 3.1. Educational Institutions, Research & Teaching.
- 3.2. Government Service, Civil Service, Foreign Service, Law, National & International Organizations

4. Faculty

Sr. No.	Name	Designation	Qualification	Field of Specialization
1	Mr. Kaleemullah Breech	Assistant Professor Chairperson	M.Phil	History of Pakistan Since 1947
2	Mr. S.A. Wahab Shah	Assistant Professor	M.A.	Freedom Movement & History of Islam Period-II
3	Mrs. Saeeda Begum	Assistant Professor	M.Phil	Islamic History Period-I
4	Mr. Jahanzeb Khan	Lecturer (on leave)	M.A	European History

5. Programs of Study

M.A Two Years

6. Description of Courses for M.A

6.1. M.A Previous

6.1.1. There will be six papers for both regular and private candidates.

6.2. M.A Final

6.2.1. There will be six compulsory papers for both regular and private candidates.

6.3. M.A (Previous)

<u>Paper Title</u>	<u>Marks</u>
6.3.1. Historiography.	100 Marks
6.3.2. History of Freedom Movement (1857-1947).	100 Marks
6.3.3. History of Pakistan (1947-85).	100 Marks
6.3.4. History of Europe (1789-1919).	100 Marks
6.3.5. History of Balochistan	100 Marks
6.3.6. Functional English for Regular & Private	50 Marks

6.4. M.A (Final)

6.4.1. History of Abbasides (750-1258 A.D) & Muslim Rule in Spain (712-1492 A.D).	100 Marks
6.4.2. History of Muslim Rule in India (1526-1857 A.D).	100 Marks
6.4.3. History of Pakistan (1947-2002 A.D).	100 Marks
6.4.4. History of Balochistan.	100 Marks
6.4.5. History of Europe (1891-1945).	100 Marks
6.4.6. (Option -I) Research Paper and Presentation (for Regular Student). (Option -II) Essay Writing (for Private Candidates).	100 Marks

7. Eligibility Criteria for Admission

7.1. B.A with History as an elective subject (for both Regular and Private Students).

8. Facilities

8.1. The Departmental Library contains 1000 valuable reference books and research journals for the students.

8.2. Internet Facility is also available.

9. Performance of Department

9.1. During the last 23 years the Department has produced over 750 M.A graduates. Beside more than 3500 private candidates including civil and military officers have obtained M.A degree. Our graduates are serving in Civil Services of Pakistan, in various NGO's, IGO's and as well in abroad etc. Faculty of the Department frequently participates in participates in training and workshops.

DEPARTMENT OF ISLAMIC STUDIES

1. Introduction

- 1.1. The Subject of Islamic Studies mainly entails study of the Quran, Hadith, Fiqh, Islamic History, comparative study of religions and Arabic. It also includes special study of Seerat-u-Nabi, economic and political thought, Muslim philosophy & Research Methodology.
- 1.2. The department of Islamic Studies was established in 1973. Prof. Rashid Ahmed (Late) was the first chairman of the department. Due to shortage of space in the University Campus, Islamic Studies Department started functioning in Government Science College Quetta. In the Beginning classes used to be held in the evening with the support of part-time teachers. In 1980, Prof. Dr. Rashid Ahmed Jalandhury took the charge of the department as chairman. In 1981, the department was shifted to the University Campus.

2. Objectives

- 2.1. To provide qualified and focused professionals in Islamic studies to meet the future needs of educational institutes.
- 2.2. To provide learning through in depth knowledge in the perspective of global changes and challenges.
- 2.3. To focus on Islamic values pertaining to socio-political and economic teachings derived from the Quran and the Sunnah.
- 2.4. To produce scholars of quality who can contribute in solving contemporary issues faced by the Muslims, like interfaith dialogue, interest free banking, State crafts and other contemporary challenges and to bridge the gap between islam and other religions by providing an understanding of Islam.
- 2.5. To create an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.

3. Vocational Job Opportunities/Marketability of Graduates

- 3.1. Jobs in Educational and research institutes in Pakistan and abroad.
- 3.2. Civil Service.
- 3.3. Jobs such as Religious officers, Khatibs etc. in the Armed forces.

4. Faculty

Sr. No.	Name	Designation	Qualification
1	Dr. Ghulam M. Jaffar	Professor / Dean of Education & Humanities	Ph.D.
2	Dr. M. Ashraf Shaheen	Professor / Dean Research Arts Faculty.	Ph.D.
3	Dr. Syed Abdul Malik	Professor	Ph.D.
4	Dr. Abdul Ali Achakzai	Associate Professor / Chairperson	Ph.D.
5	Dr. Imam ud Din	Assistant Professor	Ph.D.
6	Dr. Syed Haider Shah	Assistant Professor	Ph.D.
7	Mr. Rehmatullah	Lecturer	M.A.
8	Ms. Farah Batool	Lecturer	M.A.

Sr. No.	Name	Designation	Qualification
9	Ms. Shabana Qazi	Lecturer	M.A.
10	Ms. Tahira Firdous	Lecturer	M.A.
11	Sahibzada Baz Muhammad	Lecturer	M.A.

5. Programs of Study

- 5.1. M.A 2 Years.
- 5.2. M.Phil and Ph.D Degrees.

6. Description of Courses of M.A Islamic Studies

6.1. M.A. Previous

Sr. No.	Papers	Marks
1	Al-Quran	100
2	Al-Hadith	100
3	Al-Fiqh	100
4	Arabic (1)	100
5	Functional English	50

6.2. M.A. Final

Sr. No.	Papers	Marks
6	Islamic History	100
7	Comparative Study of Religions	100
8	Economic System of Islam	100
9	Optional	
I-	Special Study of Seerah	100
II-	Philosophy & Tasawaf	100
III-	Islamic Culture & Balochistan	100
IV	Islam & Science	100
10	Arabic (II)	100
11	Research paper & presentation for regular students, Research Methodology and Essay Writing for External Studetn	100

7. Facilities

- 7.1. **Departmental Library:** - The Departmental Library is managed by a qualified librarian. Though the library has a limited number of books, it fulfills the basic needs of the students. The department is trying to equip the library with all possible facilities.
- 7.2. **Internet Facility:** - The internet facility is available in the office of chairman. It can be used at any time to get information and knowledge according to the requirements of the faculty members and students.
- 7.3. **Multimedia and overhead projector** available.

8. Performance of the Department

8.1. Since the establishment of Department More than 500 Students has been qualified In Master's Degree beside thousands of private candidates. A good number of them are teaching in the universities and various colleges as professors, working in banks, Judiciary, Civil Service and Pakistan Armed Forces. The M.Phil/Ph.D Courses have been started in the Department.

8.2. M.Phil and Ph.D's Figures are as under:-

Status	M.Phil	Ph.D
Degree Awarded	10	02
Degree in Process	24	03
Work in Progress	24 (Newly registered)	03

8.3. The Faculty Members of Department have published more than 150 research papers in various National/International Journals and participated in various Conferences/Seminars. Some of them have also published books covering different aspects of Islamic Learning.

GENDER DEVELOPMENT STUDIES DEPTT

1. Introduction

- 1.1. Women's Studies aims at studying the lost or undiscovered lives of women in an interdisciplinary perspective directed towards a balanced understanding of social reality. It draws upon Anthropology, Sociology, Psychology and other Social Sciences. One of the reasons behind establishment of this field is to compensate for the neglect of women in academic fields.
- 1.2. A women studies Centre was established in the University in 1988, which became functional in 1994. It was raised to the level of a Department in 2003. In 2007, it was re-designated as Gender Development Studies Department. It includes women's contributions to knowledge in various fields, society's approaches and efforts towards understanding the status of women and strategies for empowering them. It is the most recent discipline which aims at creating gender consciousness.

2. Objectives

- 2.1. To institutionalize Gender Studies with focus on women with a view to restructure knowledge including the contributions of women scholars.
- 2.2. To bring change in the society for accepting women as equal partners in development and create a gender balance in the progress of society.
- 2.3. To contribute to the World Debate on the women's question and to debate in Pakistan through teaching, research and investigation.
- 2.4. Identification of the salient issues in the debate on women's issues and building measures towards this end.
- 2.5. Identification replication and translation of the relevant material from the regional languages into Urdu and English languages.

3. Vocational Job Opportunities/ Marketability of Graduates

- 3.1. Public/private sector.
- 3.2. Educational Institute at Colleges/Universities.
- 3.3. NGOs UN country offices.

4. Faculty

Sr. No.	Name	Designation	Qualification
1	Dr. Zeenat Sana	Professor / Chairperson	Ph.D
2	Mrs. Rubeena Batool	Lecturer	M.A.
3	Mrs. Nasreen Yousuf	Lecturer	M.A.
4	Mr. Aurangzeb	Lecturer	M.A.
5	Mrs. Shahida Habib	Lecturer	M.A.
6	Mr. Shah Khalid Baloch	Lecturer	M.A.
7	Mrs. Shahida Durrani	Research Officer	M.A.

5. Programs of study

- 5.1. M.A two years 4 Semesters
- 5.2. Research paper and presentation in second and fourth semester

6. Description of Courses

6.1. M.A. Previous

- 6.1.1. Introduction to Gender Studies and Gender Development in Pakistan
- 6.1.2. Research Methodology
- 6.1.3. Women's Health & Education
- 6.1.4. Women's Movements in National & International Perspective
- 6.1.5. Gender and Politics
- 6.1.6. Optional Subject

NOTE: (One optional subject can be selected from following titles)

- i. Role of Women in Pakistani Literature
- ii. Gender and Media
- iii. Gender in Information Technology & Communication

6.2 M.S. Final

- 6.2.1 Women in Religious Perspective & in Different Civilization
- 6.2.2 Gender Law and Human Rights in Pakistan
- 6.2.3 Feminist Theories and Gender Development International Strategies
- 6.2.4 (a) Psychology of Women
(b) Violence Against Women
- 6.2.5 Optional Program

NOTE (One optional Program can be selected from the following

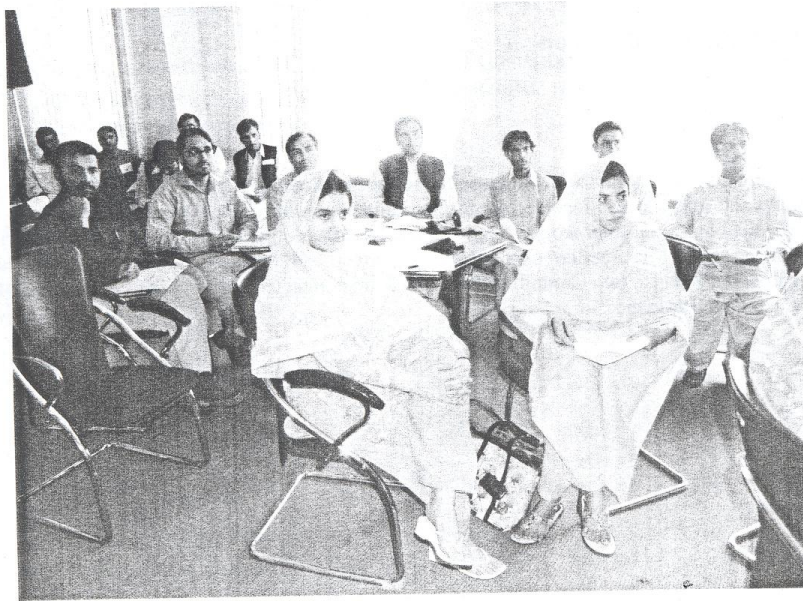
- I. Internship / viva
- II. Thesis / Viva

7. Eligibility Criteria for Admission

- 7.1. Passed B.A/B.Sc with at least 50% Marks.

8. Facilities

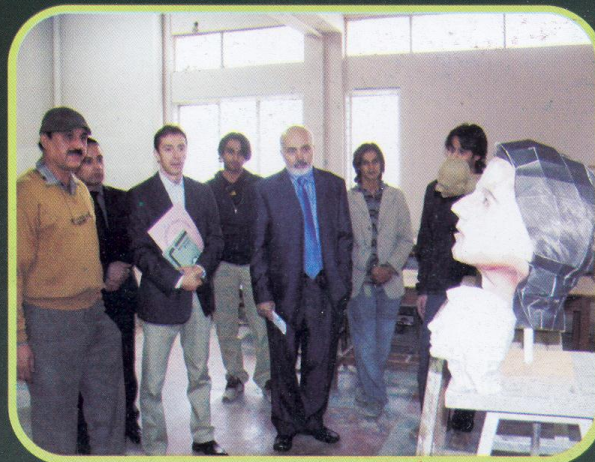
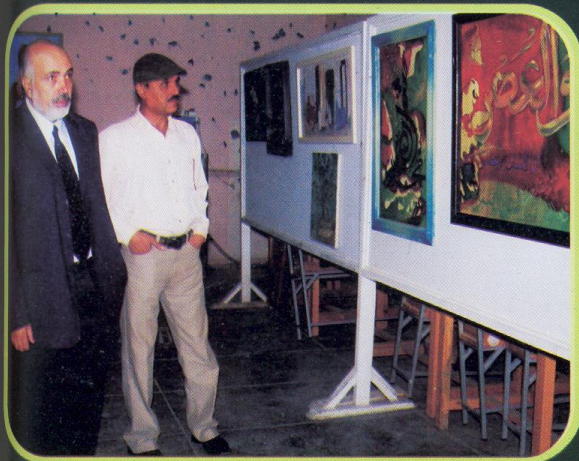
- 8.1. Departmental library has 1000 books on the relevant subject. Different modules for training in gender Studies and material and received from other universities abroad are also present in the Library. The department has a Seminar Room, Audio Visual System along with a number documentaries, its own Sound System, Multimedia, Computers, and Overhead Project with screen, Fax Machine and Photocopier. It has two Computer Labs which are connected with internet. It has access to the main Library as well as to the Library of HEC

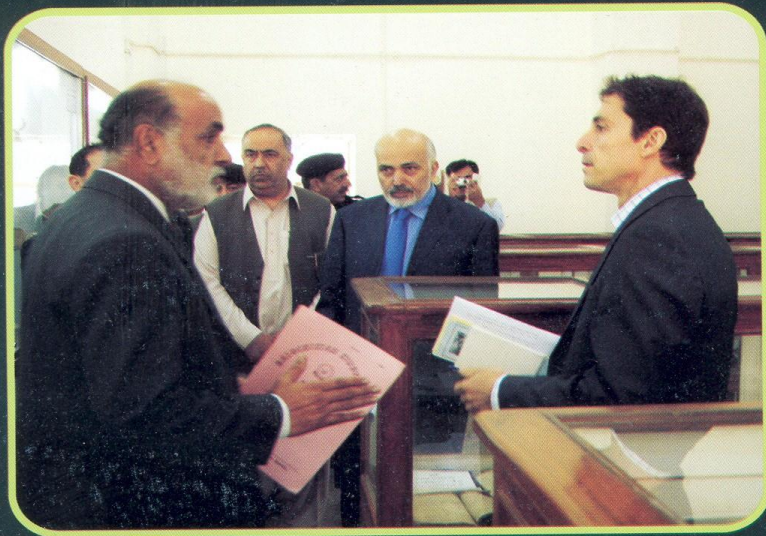
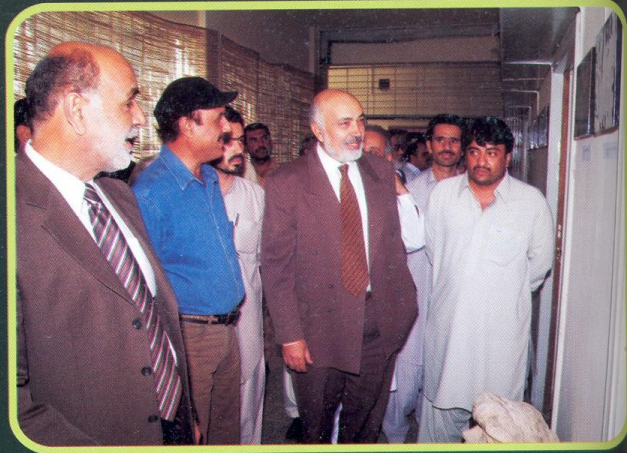


*Balochistan Study Centre
International Relations
Political Science
Social Work
Sociology
Pakistan Study Centre*



FACULTY OF SOCIAL SCIENCES





BALUCHISTAN STUDY CENTRE

1. Introduction

1.1. Balochistan is a piece of earth which is full of every kind of resources. Especially it is very famous for its mineral resources, archeological sites, historical background, cultural and political institutes, ethnic groups, geographical location, strategic importance, languages and literatures. Doubtless, above mentioned fields of study are still unexplored and need more research and exploration. In the field of Archaeology the Mehrgarh, mounds of Naal (Khuzdar District), Mekran, Awaran, Kharan, Quetta, Zhob, Loralai and Kachhi plains are very interesting and famous. These archaeological sites are very attractive for the archaeologists all over the world. Balochistan is a laboratory and research institute for archaeologists and researchers.

The area of Balochistan is also very famous for its invasion's period history before the dawn of Islam. Many ethnic groups used the area of Balochistan as a cross road from west to east and east to west. Aryans, Scythians, Apathites and Kushans crossed this region when they moved to Sindh, Punjab and Northern India. Historically this region has remained under the control of various dynasties, like Medians, Achaemenids, Greeks, Morians, Sasanids and Barhamans of Sindh before the advent of Islam in the area. These all historical guides us a big number of information about the past, but these all periods needed more research work.

The religious history of the area of Balochistan is also very interesting and full of information. Before the advent of Islam in the area, religions such as Paganism, Zoroastrianism, Hinduism and Buddhism were in practice in the different parts of the region. The religious history of Balochistan also gives big information about the past religions. And as well as the various periods ruins are seen in the different parts of the region. This kind of history well guides the historians to make the history on true and real basis.

The every part of Balochistan was very important for invaders. Many political and external powers ruled upon this region, because of its trade and strategic importance towards sub-continent, which called, Bolan Pass and Moola Pass. So, control of this important huge area was very important of every imperial power. In Muslim period up to the emergence of Pakistan, the area saw many ups and downs. This long political period is very important for historians and researchers to make the regional history on objective basis.

1.2. Ethnic History of Balochistan

Many ethnic groups are living in the different parts of Balochistan from ancient time. They have their own history, culture and social institutes. Baloch/Brahui are living in the east, west and south of the province. The northern areas of Balochistan are the home of Pashtoon tribes from a long time. These ethnic groups played a major role in the society and politics of the area of Balochistan. These ethnic groups and their social systems are the major focus of the Balochistan Study Centre.

1.3 Cultural institutes.

The regional culture of the area of Balochistan is one of the oldest cultures of the world human society. The Baloch and Pashtoon tribes of the region have a big rich and civilized culture. The Both nations Baloch and Pashtoon have their own cultural thoughts and institutes and for experts and researchers these regional cultures are not less than a laboratory and institute. The unique cultures of both ethnic groups are interesting and wide for anthropologists.

1.4. Language and literature:

Balochistan is a multilingual region. Main languages of the region are Balochi, Brahui and Pashto while Sindhi and Persian are also spoken in some parts of the province. Some of these are the ancient languages of the region rich with literary resources. These have thousands of written resources, which are very useful for any field of social sciences, state sciences, languages and literature.

2 Balochistan Study Center

2.1 Introduction

2.1.1. Balochistan has a rich cultural and historical heritage. Most of these are still unexplored. Mehrgarh civilization, nine thousand years old, and a number of other archeological sites, which are spread from Gwadar to Zhob, are very attractive for the archeologists all over the world. The religious history of the region is also very interesting, before the dawn of Islam religion such as paganism, Zoroastrianism, Hinduism and Buddhism were in practice in the different parts of the region. Historically this region has remained under the administrative control of various dynasties. The unique cultures of the Baloch and the Pashtoons are of interest for the anthropologists.

2.1.2 To meet the academic and research challenges of the new era there was a dire need regarding establishment of such a teaching and research centre in the University of Balochistan, Quetta.

2.2. ESTABLISHMENT OF BALOCHISTAN STUDY CENTRE:

Balochistan Study Centre was established in the University of Balochistan in November, 1997 was formally inaugurated in October, 1998. It is aimed at the study of historic, geographical and culture facets of the province. It is tasks to guide and sponsor research pertaining to Literature, Culture, History, Languages, Origin of Ethnic Groups, Social System and Archaeology of Balochistan.

3. Objectives

- 3.1 The Centre aspires to achieve the following objectives:
- 3.2 To provide professional support for research in the province by registering M.Phil, Ph. D scholars to carry out research with emphasis on Balochistan.
- 3.3 To promote study and research on the history, archeology, anthropology, culture, economy languages, literature, politics and social structure of Balochistan.
- 3.4 To produce factual record and give world worldwide publicity to the unique cultural, archaeological and historic sites of the province.
- 3.5 To publish research journal, books, monographs and brochures etc related to historical, cultural and linguistic research related to Balochistan.
- 3.6 Carry out short term research projects field studies regarding historical, archaeological and cultural aspects of the province.
- 3.7 To organize International, National and local seminars, conferences, symposiums, seminar lectures on different subjects related to Balochistan.

4. Vocational Job Opportunities / Marketability of Graduates

- 4.1. Education / Research Institute in Private and Public Sector.
- 4.2. Consultancy in NGO's.

5. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Dr. Abdul Razzaq Sabir sab7@hotmail.com	Professor / Director	Ph.D.	Cultural Studies/Brahui Language and Literature
2	Mr. Ghulam Farooq	Assistant Professor	M.Phil	Political & Ethnic History of Balochistan
3	Mr. M. Ayaz Mandokhel	Lecturer	M.A	Anthropology
4	Mr. Ghulam Nabi Sajid	Research Officer	M.A	Balochi Language Literature and Culture
5	Mr. Dur Jan Pirkani	Research Officer	M.A	Brahui Language Literature and Culture
6	Ms. Kalsoom Kakar	Research Officer	M.A	Pashto Language Literature and Culture.

6. Programs of Study

- 6.1. M.Phil.
- 6.2. Ph.D.

7. Description of Courses.

- 7.1. The Centre offers the Scholars to work on Various topics on Balochistan, like the land, History , Ethnic History , Culture , Literature, Languages of the area , Social System, Economic Position and the people etc: the center offers the following courses:-
 - 7.1.1. Research Methodology.
 - 7.1.2. Languages.
 - 7.1.3. Social Sciences & Humanities

8. Eligibility Criteria for Admission

- 8.1 M.A in any subject of Social Sciences, Humanities , and Languages (Balochistan specific).
- 8.2 The applicant must have passed NTS.

9. Facilities

1. **Library.** The Centre has its own library, containing above then three thousand books, journals and magazines. The books, reference books and material, encyclopedias and other resources are provided to the scholars to help assist them in their research work.
2. **Research Journals.** The Centre is continuously publishing a Bi-Annual Research Journal since 1998. The Center's Journal (Balochistan Review ISSN: 1810-2174) approved by Higher Education Commission is also a major source of research about the area of Balochistan for the leading research scholars of not only Pakistan but scholars from abroad are also benefitting from this resource journal. Expertise of one of the faculty members of Media and Journalism Department of the University, Prof. Naseeb Ullah (who can be reached on naseebasmi@yahoo.com) have been acquired for editing of this journal to ensure its technical and professional reliability.
3. **Seminar Hall.** The Balochistan Study Centre has its own Seminar Hall in which the Scholars of Balochistan Study Centre and many other departments in the University organize their Seminars etc in this hall. This well-equipped hall is also utilized for national and international seminars, conferences, workshops, debates and other programmes.
4. **Museum.** The museum of Balochistan Study Centre is the richest and main museum of the Province of Balochistan having about 1000 first-hand archaeological objects excavated and collected from different sites including Mehrgarh, Zhob, Quetta, Naal, Mashkey, Turbat, Kalat, Surab, Kharan, Khuzdar, Bela and Kachhi plains of Balochistan. The Centre is also playing its role in extending expertise to the concerned quarters for preservation and protection of these sites. The Centre Museum has good number of rare archaeological object which are main source about the ancient history of the region. This Museum is a main source of inspiration for the archaeologists, anthropologists and other visitor from around the world.
5. **Photo Gallery:** The BSC has also a Photo Gallery benefiting scholars, writers, students and general visitors to have ancient pictorial information about Balochistan.

DEPARTMENT OF INTERNATIONAL RELATIONS

1. Introduction

- 1.1. The Department of International Relations was established in 1984, and offering two years M.A. In International Relations.
- 1.2. With the advancement in technology distance has been shrinking and world has gradually become global village.
- 1.3. Geo-politics of the medieval ages which was arranged at military balance of power has now emerged as geo-economics influencing the socio-economic as well as political environment of every country.
- 1.4. Business and industry has crossed the traditional borders of nation states and multinational corporations are now challenging the sovereignty of states.
- 1.5. The power potential of nation is no more restricted to boundaries, it gets directly influence to regional and super powers.
- 1.6. Mainly these relations have given birth to the discipline of International Relations. No country in the contemporary time can afford to ignore it.
- 1.7. The study of International Relations therefore has assumed a remarkable significance.

2. Objectives

- 2.1. To provide qualified and focused professionals International Relations to meet the future needs of educational institutes & research organizations.
- 2.2. To provide educational program which encourage students to think creatively, constructively, and to communicate their ideas effectively.
- 2.3. To foster an environment that promotes learning through quality teaching and research which encourage mutual tolerance and sensitivity.
- 2.4. To focus regional and international politics so that the graduates of international relations can comprehend to these scenarios.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Provincial and Federal Public Services.
- 3.2. Education/ research institutes at public and private sector.
- 3.3. Print and Electronic Media.

4. Faculty

S.No.	Name	Designation	Qualification	Specialization
1	Dr. Abdul Manan Bazai	Assistant Professor Chairperson	Ph.D	Afghanistan
2	Dr. Zahid Ali Marwat	Assistant Professor	Ph.D	Iran
3	Muhammad Arif	Assistant Professor	M.Sc.	Pakistan Foreign Policy, World Politics
4	Ms. Faiqa Abdul Haye	Lecturer	M.A	Theories of IR
5	Ms. Faiza Mir	Lecturer	M.A	Strateg Human Rights

S.No.	Name	Designation	Qualification	Specialization
7	Mr. Mir Wais Kasi	Lecturer	M.Sc.	International Politics
8	Mr. Zafar Khan	Lecturer	M.A	International Law
9	Fida Muhammad Baszai	Lecturer	M.Sc.	South Asia

5. Programs of Study

- 5.1. M.A. Two years program.
- 5.2. M. Phil.
- 5.3. Ph. D.

6. Description of Courses

6.1	M.A. (Previous)		Marks
	Paper I	Concepts and Principals of International Relations	100
	Paper II	International Organizations	100
	Paper III	International Law	100
	Paper IV	Foreign Policy	100
	Paper V	International Relations Since 1945	100
	Paper VI	Functional English	50
6.2	M.A. (Final)		
	Paper VII	Pakistan's Foreign Policy	100
	Paper VIII	The Policies of International Economics Relations	100
	Paper IX	Strategic Studies	100
	Paper X	Option (A) West Asia, since 1919 and the Arab World	100
	Paper XI	Research Thesis (paper) for Regular & Essay for Private	100
		Total Marks	1050

7. Eligibility Criteria for Admission

- 7.1. Passed B.A/B. Sc./ B.Com. with Political Science or History or Economics.

8. Facilities

- 10.1. **Departmental Library** has (100) valuable reference books (30) journals & (1000) regional press article selections. Department is establishing a video library.
- 10.2. **Computer lab.** Department has computer laboratory for students.
- 10.3. **Internet Facility.** The internet facility is also available in this laboratory and all rooms of teachers. A large number of international research journals are also available on Digital Library provided by Higher Education Commission and research article of interest can also be downloaded.
- 10.4. **Class Rooms.** Class rooms are equipped with multimedia audio visual aids.

DEPARTMENT OF POLITICAL SCIENCE

1. Introduction

- 1.1. Political Science is a Social Science discipline concerned with the study of the state, government and politics. It deals extensively with the theory and practice of Politics, and the analysis of Political System and political behaviour. Political scientists see themselves engaged in revealing the relationships underlying political events and conditions. And from these revelations they attempt to construct general principles about the way the world of politics works.
- 1.2. Political scientists study matters concerning the allocation and transfer of power in decision making, the roles and systems of governance including governments and International organizations, political behaviour and public policies. They measure the success of governance and specific policies by examining many factors, including stability, justice, material wealth and peace.
- 1.3. The Department of Political Science was established in 1974 by Dr. S. Riaz Ahmed. The Department of Political Science offers M.A. M.Phil and Ph.D. Programs and stands among the highly productive departments of the University. Admission to the courses are based on competition and merit.

2. Objectives

- 2.1. To provide qualified and focused professionals in the subject of Political Science to meet the future needs of educational institutes or industries.
- 2.2. Providing students with opportunity pursue knowledge, involvement in a discourse about politics, moral evaluation of political concept and the resolution of practical, political problems.
- 2.3. To allow students to combine practical knowledge about politics with insights into the timeless questions fo political life, individual and his place in society.
- 2.4. Encouraging the application of rigorous ethical and intellectual standards in the profession.
- 2.5. To provide qualified and focused professionals in the subjects of Political Sciences to meet the future needs of educational institute or industry.

3. Vocational Job Opportunities / Marketability of Graduates

- | | |
|--|---|
| 3.1. Political Analyst | 3.2. Federal / Provincial Civil Service |
| 3.3. Journalism | 3.4. International Organization |
| 3.5. Public Relation Officer | 3.6. Management Positions |
| 3.7. Education / Research Organization | 3.8. Self employment |

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Dr. Naheed Anjum	Asso.Prof./ Chairperson	Ph.D.	Muslim Political Thoughts
2	Mr. Abdul Qadir	Assistant Professor	M.Phil	Public Admn. in Pakistan
3	Mr. Abdul Manan	Assistant Professor	M.Phil	Local Government
4	Mr. Mumtaz Ali Baloch	Assistant Professor	M.Phil	Comparative Politics

S.No.	Name	Designation	Qualification	Field of Specialization
5	Mr. Adil Zaman Kasi	Assistant Professor	M.Phil	Govt. & Politics in Pakistan
6	Ms. Hussan Ara Magsi	Lecturer	MA	World Politics
7	Mr. Abdul Zahir Mengal	Lecturer	M.A	International Law
8	Syed Amir Shah	Lecturer	M.A	Research Methodology
9	Mr. Asad Baloch	Lecturer	M.A.	International Law

5. Programs of Study

- 5.1. M.A. 02 years
5.2. M. Phil 02 year
5.3. Ph. D 03 years

6. Description of Courses

6.1. M.A. Previous (1st Year)

6.1.1.	Paper I	Ancient and Modern Political Thoughts	100
6.1.2.	Paper ii	Muslim Political Concepts and Institutions	100
6.1.3.	Paper iii	Comparative politics and political systems	100
6.1.4.	Paper iv	Government and politics in Pakistan	100
6.1.5.	Paper v	Research methodology	100
6.1.6.	Paper vii	Functional English	50

6.2. M.A. Final (2nd Year)

6.2.1.	Paper viii	Public Administration in Pakistan	100
6.2.2.	Paper ix	Local Government in Pakistan	100
6.2.3.	Paper x	World Affairs: 1945 to date	100
6.2.4.	Paper x	International Economic Relations	100
6.2.5.	Paper xii	International Law	100
6.2.6.	Paper xiii	(a) Research paper and Presentation (b) Human Rights (Private Students)	100

M.Phil/Ph.D

6.3.1	I.	Research Methodology (Advance)	100
	II.	Philosophy of Political Science (Advance)	100
		(a) Western Political Philosophers	
		(b) Muslim Political Philosophers	
	III.	Political System of Pakistan (Advance)	

7. Eligibility Criteria for Admission

- 7.1. B.A. With Political Science at least 2nd division.
7.2. Written test and interview to be qualified with 50% marks.
For M.Phil: Post graduation with at least second division (with NTS GAT with 50 marks)
For Ph.D: M.Phil in Political Science (with NTS GAT Subjective with 50% marks)

8. Facilities

- 8.1. Computer Lab equipped with latest computers.
8.2. The Seminar Library has more than 2000 Books.
8.3. Experienced and productive teaching faculty.

DEPARTMENT OF SOCIAL WORK

1. Introduction

- 1.1. Balochistan as a developing region of Pakistan has to solve not only problems of poverty, ignorance, disease and unemployment which have existed for ages, but also to deal with the problems which are arising out of modernization, urbanization, development and as a result of changing pattern of society. Professionally trained Social Workers in this respect have a significant role in accelerating and humanizing the processes of development especially in Balochistan
- 1.2. Recognizing the need for professionally trained Social Workers, Social Work education at post-graduate level was introduced in the University of Balochistan in March, 1974. The Department of Social Work since then has been conducting two year full-time professional education at training and leading programmes to M.A. in Social Work.
- 1.3. The Department of Social Work is a full member of the International Association of Schools of Social Work. (IASSW)

2. Objectives

- 2.1. Professional Social Worker will possess sufficient knowledge and understanding of the major social problems, socio-economic conditions and characteristics of Pakistan, particularly of Balochistan.
- 2.2. They will have an adequate competence in Social Work practice and will be able to work in a range of settings, rural and urban, government or voluntary.
- 2.3. Workers can participate effectively and play leading role in social welfare policy and planning at various levels.
- 2.4. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.5. To provide qualified and focused professionals in the subject of Philosophy to meet the future needs of educational institutes or industry.
- 2.6. To conduct researches to meet the needs of industry and research organizations.

3. Vocational Job Opportunities/Marketing of Graduates

Graduates will have opportunities in the following area:-

- 3.1. Professional Social Workers will be able to practice, plan, organize, administer social welfare and will be able to undertake research in variety of GOs and NGOs social welfare settings.
- 3.2. They are able to interpret Social Work as a profession, and who have dynamic and helpful attitude in problem solving and can take in initiating appropriate social action and service. The opportunities are open on the following fields.
- 3.3. Medical and Psychiatric Social Welfare Settings.
- 3.4. Rural Community Development Projects.
- 3.5. Urban Community Development Projects.
- 3.6. Family and Child Welfare Centers.
- 3.7. Women Welfare Centers.
- 3.8. Population Welfare Department.
- 3.9. Drug Abuse Prevention, Treatment and Rehabilitation Centers.

- 3.10. Labour Welfare and Industrial Development Departments.
- 3.11. Welfare Centers for aged.
- 3.12. Educational Institutions.
- 3.13. Special Education programs.
- 3.14. Social Welfare planning & policy development.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Mrs. Tahira Naudhani	Assistant Professor Chairperson	M.A	Social Problems
2	Dr. Monical Qamar Zaman	Assistant Professor	Ph.D	Medical & Psychiatric
3	Mr. Abdul Rahim Changezi	Assistant Professor	M.A	Rural Development
4	Mrs. Sadia Barrech	Lecturer	M.A	Women Welfare
5	Mr. Mumtaz Ali Baloch	Assistant Professor	M.A	Community Development
6	Ms. Huma Zafar	Assistant Professor	M.A	Research
7	Mr. Muhammad Nasir	Lecturer	M.A	Research / Drug abuse
8	Mr. Muhammad Yousuf Barrech	Lecturer	M.A	HRD / Child Welfare

5. Programs of Study

- 5.1. The Department offers M.A. program of studies. The M.A in Social Work is a two years degree program based on taught courses, Field Work training and research thesis project.

6. Description of courses for M.A. in Social Work

- 6.1. All courses in M.A. (Previous & Final) are compulsory. The total marks are 1100 and breakdown of courses is as under.

6.1.1. M.A. (Previous)

Paper Title	Marks
Contemporary Social Work	100
Human Growth & Personality Development	100
Social Work Methods & Fields of Practice	100
Community Organization and Development	100
Social Research & Statistics	100
English Functional	50
Field Work-I	100

6.1.2. M.A. (Final)

Paper Title	Marks
Social Policy, Welfare Planning and Administration	100
Sociology of Society and Social problems-II	100
Human Resource Development and Management	100
Research Thesis	100
Field Work-II	

7. Eligibility Criteria for Admission

- 7.1. Passed B.A. with Social Work or Sociology.
- 7.2. Passed B.A. at most two years prior to the year of admission. A relaxation can be considered if seats are left vacant.
- 7.3. Not passed the B.A. in supplementary examination of same year as admission year

8. Facilities

- 8.1. **Departmental Library.** The Department of Social Work has its own Library which was established with a view to serve the educational and research needs of the students, faculty and professionals. The Library contains a valuable collection of 2000 books, journals, documents and periodicals.
- 8.2. **Internet Facility.** The internet facility is available in all the offices the teachers, and main Library. A large number of International Research Journals are also available on Digital Library provided by the Higher Education Commission and research article of internet can also be down loaded.

DEPARTMENT OF SOCIOLOGY

1. Introduction

- 1.1. Sociology is known as the mother of interdisciplinary studies. Sociology throughout the world promotes a well established management structure to effectively handle, analyze, cure and prescribe the issues while case the social failure and it promotes, develops coordinates and implements societal initiatives and programs. A sociologist has the primary and basic aim to build up knowledge about society and its related issues.
- 1.2. The department of sociology was established in 1973 and the first annual examination was held in 1975. Mr. Javed Iqbal Syed the Ex. Vice chancellor of Allama Iqbal Open University, Islamabad was the first Chairman of the Department. Sociology addresses almost all facts of society. Keeping in view the importance of sociology and needs of the society the department keeps on reviewing its syllabi from time to time.

2. Objectives

- 2.1. Develop the understanding on the social problems of the society.
- 2.2. Educate on the general laws of the society.
- 2.3. Inculcate habit of research and innovation for reforming society.

3. Vocational Job opportunities / Marketability of Graduates

- 3.1. Law
- 3.2. Education
- 3.3. Family planning
- 3.4. Social work
- 3.5. Social welfare programs
- 3.6. Labor welfare
- 3.7. Community development
- 3.8. Public Administration.

4. Faculty

S.No.	Name	Designation	Qualification
1	Mr. Abdul Rehman	Lecturer/ Chairperson	MA
2	Mrs. Naveed Iram Warsi	Lecturer	MA
3	Mr. Mohammad Hanif	Lecturer	MA
4	Mr. Mohammad Alam	Lecturer	MA
5	Ms. Faiza Safdar	Lecturer	MA
6	Mr. Mohammad Zakir	Lecturer	MA
7	Mr. Zahoor Ahmed Lehri	Lecturer	MA
8	Mr. Mohammad Rahim	Lecturer	MA
9	Mr. Shakil Ahmed	Lecturer	MA
10	Mr. Khalil Ahmed	Lecturer	MA

5. Programs of Study

- 5.1. Two year masters program is offered.

6. Description of Courses

	M.A. (Previous)	Marks
6.1.	Principles Of Sociology	(100)
6.2.	Sociological Theory	(100)
6.3.	Research Methodology	(100)
6.4.	Social Statistics	(100)
6.5.	Social Psychology	(100)
6.6.	Functional English	(50)
	M.A. (Final)	
6.7.	Social Anthropology	(100)
6.8.	Population	(100)
6.9.	Criminology	(100)
6.10.	Sociology Of Family	(100)
6.11.	Sociology Of Education	(100)
6.12.	Research Theses And Viva Vice	(100)

7. Eligibility Criteria for Admission

- 7.1. Bachelors degree with subject of sociology
- 7.2. Qualify the Entry Test and Interview

8. Facilities

- 8.1. Departmental Library
- 8.2. Digital Library
- 8.3. Computer Lab With Internet Facility

9. Future growth

- 9.1. Expansions in the department by introducing new and modern fields of sociology, Entrepreneurship and functional English to meet with the requirement of the modern era.

PAKISTAN STUDY CENTRE

1. Introduction

- 1.1. Pakistan Study Centre, University of Balochistan, initially started functioning in 1974. It was in 1976 when the Centre was formally established under Pakistan Study Center, Act No. XXVII of 1976 by the Government of Pakistan in the premises of the University of Balochistan, for the study of languages, literature social structure customs, attitudes and to motivate the people of various region of Pakistan towards Nation building . At present it functioning as an active academic unit of the university of Balochistan. It is producing M.A, M.Phil and Ph.D in Pakistan Studies the faulty members from the unive3risty and from the constituent collages take admission in M.Phil and Ph.D Courses

2. Objectives

- 2.1 To Promote National solidarity, Integration and unity in accordance with the Ideology of Pakistan among the people of different regions, to study languages, literature, culture, customs and history of the different regions of the country.
- 2.2 High level of teaching and research activities.
- 2.3 To establish M.A, M.Phil & Ph.D in Pakistan Studies.
- 2.4 To arrange Conferences, Seminars, Symposium and workshops for the development of teaching and Research.
- 2.5 To promote teaching and research in particular subjects as assigned to it by the Federal Government in consultation with the University in which the Centre is established.

3. Vocational Job Opportunities/ Marketability of Graduates

- 3.1. The students who qualify in Pakistan Studies can find job opportunities in the following departments/ organizations.
 - 3.1.1. Teaching
 - 3.1.2. Competitive Exams
 - 3.1.3. Public Relation Officer
 - 3.1.4. Pakistan Tourism Department
 - 3.1.5. Inter Organizational Coordinator
 - 3.1.6. International Organizations as Representatives of Pakistan
 - 3.1.7. Organizational Development in Pakistan.

4. Programs of Study

5. Courses offered in M.A Pakistan Studies.

- 5.1. Following are the major courses taught in MA (Previous & Final). First four courses in M.A. (Previous) are compulsory, while the fifth course languages are an optional one. The students have to choose one language course other than their mother language out of the languages Balochi, Brahui, Pashto & Urdu. In M.A. Final all the five courses are compulsory.

Paper	M.A (Previous)	Paper	M.A (Final)
1	History of Freedom Movement	7	Muslim Rule in Balochistan
2	Islam in South Asia with special reference to Pakistan	8	Economy of Pakistan
3	Social System of Pakistan	9	Foreign Policy of Pakistan
4	Geography of Pakistan	10	The Political System of Pakistan
5	Balochi, Brahui, Pashto & Urdu	11	Research Methodology
6	Functional English	12	Research Paper & Presentation

6. Courses Offered in M.Phil & Ph.D

- 6.1 the students of M.Phil are required to complete and pass satisfactorily four courses from PS-1 to PS-VI and PS-II are compulsory, where two courses can be opted from PS-III to PS-VI in accordance with their Master level subject. While the Ph.D students are advised to pass PS-II & one advance course pertaining to their Ph.D topics. The outline of this advance course will be prepared by the candidate, and will be related to the topic of his Ph.D dissertation. The candidate will also give seminar on this advance course.

Paper	Course Title for M.Phil & Ph.D
PS-I	Philosophy and Political thoughts of Allama Iqbal & Quaid-e-Azam
PS-II	Research methodology
PS-III	Political System of Pakistan
PS-IV	Society in Pakistan
PS-V	Media in Pakistan
PS-VI	Economy in Pakistan

7. Facilities

Following facilities are available in Pakistan Study Center.

- 7.1. Library (Books 1500)
- 7.2. Class Room for MA classes
- 7.3. Class Room for M.Phil & Ph.D. Students.
- 7.4. Computer facility
- 7.5. Telephone Facility
- 7.6. Internet Facility
- 7.7. Intercom to all the faculty members

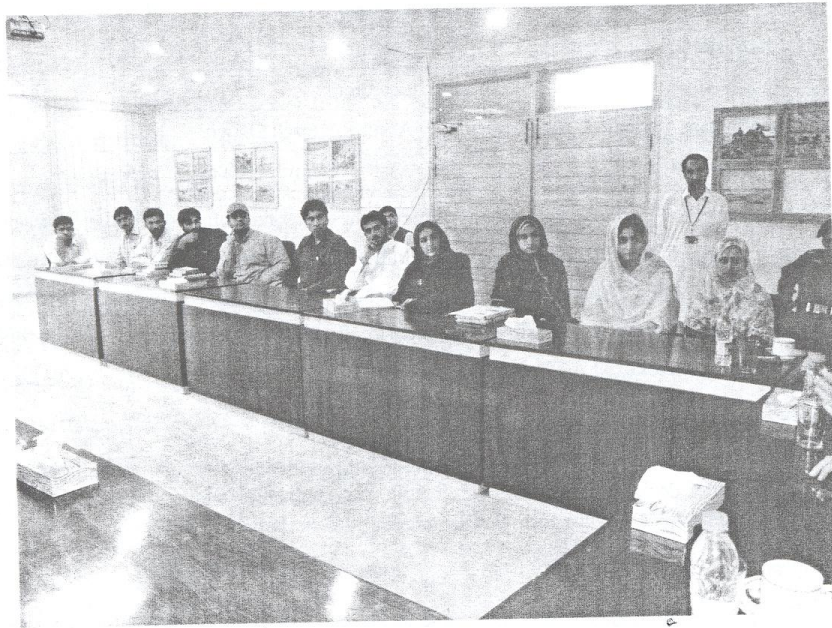
8. Faculty

S.No.	Name	Designation	Qualification
1	Prof. Bahadur Khan Rodini	Director	M.S
2	Mr. Noor Ahmed	Assistant Professor	M.Phil
3	Mr. Muhammad Usman	Assistant Professor	M.Phil
4	Mr. Yousuf Ali Rodini	Assistant Professor	M.Phil
5	Ms. Surya Bano	Assistant Professor	M.Phil
6	Mr. Nazir Ahmed Kasi	Lecturer	M.A
7	Ms. Shazia Jaffar	Lecturer	M.A
8	Ms. Sharaf Bibi	Lecturer	M.A
9	Mr. Bijar Khan	Asstt: Research Officer	MPA
10	Mr. Pervaiz Ahmed	Asstt: Research Officer	M.A

- 8.1. Among the faculty members, beside the Director, the center has four (04) permanent teachers, three of them teaching different languages Balochi, Brahvi & Pashto, fourth one teaching economics and one Assistant Research Officer concerned with the teaching and research activities of the Centre. Among the other teaching staff there are nine (09) Part Time Teachers of the University of Balochistan who are teaching the courses of M.A. (Previous/Final) and M.Phil / Ph.D.

9. Eligibility Criteria for M.A

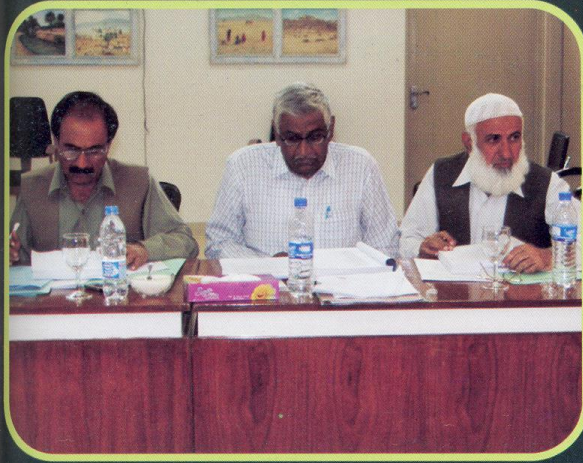
- 9.1 The University of Balochistan, Quetta, invites the applications for admission in M.A. within two weeks after declaration of B.A./B.Sc result. The applicant seeking admission in M.A. Pakistan Studies program must have.
- 9.2 Passed B.A. with Pakistan Studies.
- 9.3 Passed the B.A. at most two years prior to the years of admission. A relaxation can be considered if seats are left vacant.
- 9.4 Not passed the B.A. in the supplementary examination of same year as admission year.

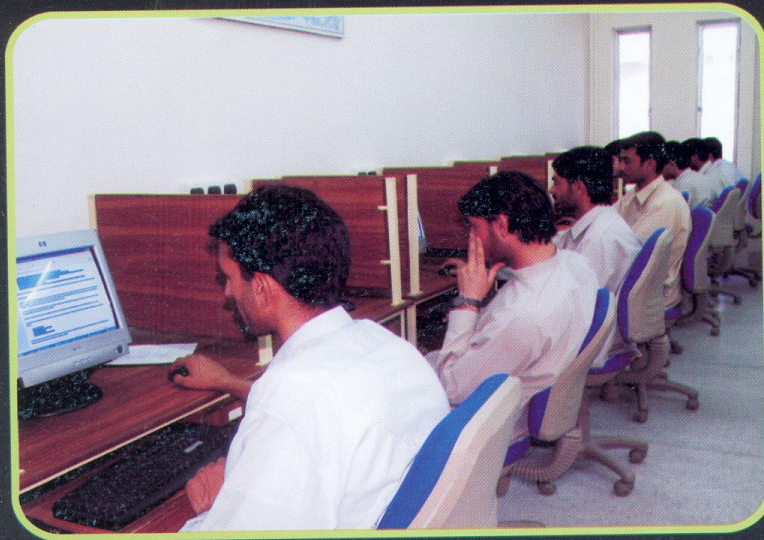
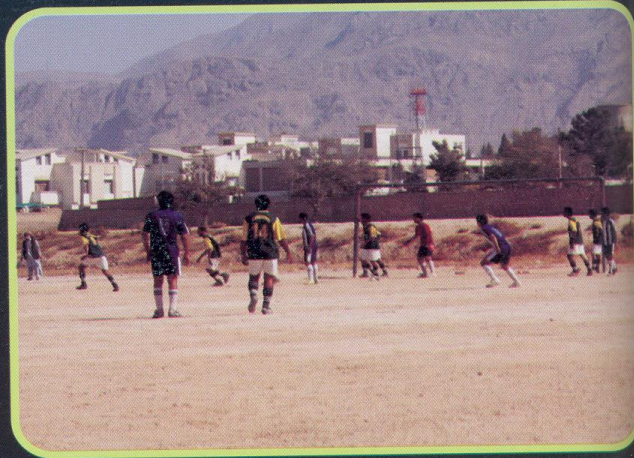


Department of Balochi
Department of Brahui
English Language Centre
Department of English Literature
Department of Pashto
Department of Persian
Department of Urdu



FACULTY OF LANGUAGES





DEPARTMENT OF BALOCHI

1. Introduction

- 1.1. Balochi language is over five thousand years old, which is spoken in Southern and Middle parts of Pakistan, Eastern Iran, Southern Afghanistan, province of Mari Turkmenistan Gulf Countries and some scandinavian countries . It has rich folklore literature, poetry and historic heritage.
- 1.2. The teaching of Balochi Language and literature was started as a subject in Pakistan Study Center, in 1985. Balochi Department was raised in 1992, Mir Aqil Khan Mengal (Late) was the first Chairman.

2. Objectives

- 2.1. To provide qualified and focused professionals in Balochi literature to meet national/ International needs.
- 2.2. To teach ancient Balochi folklore, poetry, literature through research.
- 2.3. To foster a conducive environment which promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Education/ Research
- 3.2. Electronic and Print Media.
- 3.3. Interpreter/ Translator in Public / Private sector.
- 3.4. Archeology and history in lok versa.
- 3.5. Cultural institutes.

4. Faculty

S.No.	Name	Designation	Qualification	Specialization
1	Dr. Zeenat Sana	Professor	Ph.D	Literature, Culture & Language
2	Dr. Abdul Saboor Baloch	Chairperson	Ph.D	Literature, Culture & Language
3	Mr. Rahim Bakhsh	Asst. Professor	M.Phil	Literature, Culture & Language
4	Ms. Nasreen Gul	Lecturer	M.A	Literature, Culture & Language
5	Mr. Abdul Razzaq Dad	Lecturer	M.A	Literature, Culture & Language
6	Mr. Zahid Dashti	Lecturer	M.A	Literature, Culture & Language
7	Mr. Hassan Janan	Lecturer	M.A	Literature, Culture & Language
8	Mr. Hamid Ali	Lecturer	M.A	Literature, Culture & Language
9	Mr. Muhammad Rafiq	Lecturer	M.A	Literature, Culture & Language

5. Programs of Study

- 5.1. M.A Two Years.
- 5.2. Ph.D & M.Phil.

6. Description of Courses

- 6.1. **M.A Balochi (Previous)**
 - 6.1.1 History of Balochi Language/ Linguistic.
 - 6.1.2 Classical Poetry.
 - 6.1.3 Old Prose.
 - 6.1.4 History and Culture.
 - 6.1.5 Functional English (only for Regular Students).
- 6.2. **M.A Balochi (Final)**
 - 6.1.1 Modern Poetry.
 - 6.1.2 Modern Prose.
 - 6.1.3 Study of Mir Gul Khan Naseer
 - 6.1.4 Criticism
 - 6.1.5 Research Paper (only for Regular Students) (Essay for Private Candidate)
 - 6.1.6 Folk Poetry (only for Private Candidate)

7. Eligibility Criteria for Admission

- 7.1. B.A/B.Sc.

8. Facilities

- 8.1. Department Library
- 8.2. Books & Research Journals 1300.
- 8.3. Computer Lab.
- 8.4. Digital Lab

DEPARTMENT OF BRAHUI

1. Introduction

- 1.1. Brahui language has special significance, because it is not only spoken in a major part of Balochistan but also in Sindh. Besides it is also spoken in the Eastern Parts of Iran, as well as in Afghanistan, Central Asia and Gulf. Brahui Language is also the custodian of Brahui folklore in its unadulterated form.
- 1.2. Brahui is one of the oldest language of the world. Mehr Garh and Mohan Jo Darho, are the oldest civilizations where Brahui was probably spoken before the arrival Aryan of the subcontinent.
- 1.3. In early days of 1985, The Brahui as a "subject" was taught in Pakistan Study. It was separated as a full-fledged Department in the year of 1992.

2. Objectives

- 2.1. To produce post-graduate professionals in Brahui literature, culture and language, capable of functioning at National/International levels.
- 2.2. To revive ancient Brahui folklore, poetry & literature through teaching and research
- 2.3. To foster conducive academic environment allowing research and intellectual freedom.
- 2.4. To assist Organization, Institutions, Government departments for devising and implementing Mother-tongue based education system for Brahui speakers.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Education/ research institutes in Public/ Private Institutions,
- 3.2. Electronic and Print Media.
- 3.3. Interpreter/ Translator in Public offices.
- 3.4. Archeology and History in lok versa
- 3.5. Literarily/ Cultural institutions

4. Faculty

S.No.	Name	Designation	Qualification	Specialization
1	Mr. Haleem Sadiq	Assistant Professor Chairperson	M.A	Literature, Culture & Language
2	Dr. Hameed Shahwani	Professor / Dean	Ph.D.	Literature, Culture & Language
3	Mr. Azeem Jan	Assistant Professor	M.A	Literature, Culture & Language
4	Mr. Shabir Shawani	Assistant Professor	M.Phil	Modern Brahui Poetry
5	Mr. Manzoor Baloch	Lecturer	M.A	Literature, Culture & Language
6	Mr. Liaquat Sanni	Lecturer	Ph.D	Modern Brahui Poetry
7	Mrs. Abida Sami	Lecturer	M.A	Literature, Culture & Language
8	Mr. Yousuf Mengal	Lecturer	M.A	Literature, Culture & Language

5. Programs of Study

- 5.1. M.A for two years Degree program
- 5.2. M.Phil Course work) two year degree program
- 5.3. Ph.D (Course work) three years degree program

6. Description of Courses

6.1 M.A. Brahui (Previous) Five Papers		Marks
i	Linguistics/Brahui Languages	100
ii	Classical Poetry	100
iii	Classical Prose	100
iv	History and Culture	100
v	Functional English	50

6.2 M.A Brahui (Final) Five Papers		Marks
i	Modern Poetry	100
ii	Modern Prose	100
iii	Study of Taj Mohammad Tajal (Tajilyat)	100
iv	Criticism	100
v.	a. Research Paper (for Regular Candidates) b. Mazmoon Nigari (for private candidates)	100
vi	Essay writing & Viva voce	50+50=100

7. Eligibility Criteria for Admission

- 7.1. B.A/B.Sc Passed

8. Achievements of the Departments.

- 8.1. The Brahui Department was established in 1992. The Brahui Department has produced more than One Thousand post Graduates working in various Organization such has Pakistan Television, Radio Pakistan, Mass Media, Education, NGOs, National and International Organizations.
- 8.2. In consensus with the various Brahui literary forums and research organizations, the department of Brahui made a historic move by establishing a **Brahui Language Board (BLB)** in November 29, 2008 to address the various issues such as finalizing the Brahui script etc.
- 8.3. A number of Students/Researchers were facilitated by Brahui Department such as Moreyamma and Prof. Shabia from Tokoyo.
- 8.4. The research work was initiated in Mid Nineties; the following table gives the information regarding Ph.D and M.Phil produced by the Department.

Status / Degree	No
Awarded (M.Phil)	1
Awarded (Ph.D)	0
Work in progress/ currently	15

9. Facilities

- 9.1. Well established seminar library consist of 2500 books, covering the all subjects and related material taught in the department.
- 9.2. Student counseling facility to explore the hidden potential of the 1.3 students and guiding them towards their field of intrests within the department.
- 9.3. Research facility for students and the NGOs/various organizations working nationally or internationally for the exploration of Brahui heritage.

10. Research General Albourz (under review by HEC)

The first ever research journal based on research made by the teachers and students of the brahui department is going to be published very soon. The journal is named after a historic mountain Albourz which is located in Iran. The publication of this journal will surely be one step ahead for the development of brahui language.

11. Brahui Language Board (BLB)

ENGLISH LANGUAGE CENTER

1. Introduction

- 1.1. The English Language Center, University of Balochistan was established in 1981. Some Eminent educationists like Dr. Robert Baumgardner, Ms. Audrey Kennedy and Miss Salma Majid Jaffar were its Pioneers. It offers English for Scientific literacy course to M.Sc. student of Science Faculty and functional English course to MA students of Arts Faculty. These courses are offered during the previous year of there Masters Programme. Additionally, the English Language course to the students BS programme running on semester basic.
- 1.2. The Completion of course of English Language at English language Center is valuable and marketed in terms of improving and improvising communication skills and to equip to better understanding and apprehension of tasks. It builds confidence not only to speak eloquently but also to have strong command for presentations Publications.

2. Objectives

- 2.1. To provide the facility of self access learning of English Language.
- 2.2. To offer English for Scientific literacy (EScL) to the departments of the Science faculty and Functional English Course (FEL) to the departments of Arts Faculty.
- 2.3. To offer training workshops and courses to English Language Teachers.
- 2.4. To offer English Language Proficiency Certificate Courses to all subject teachers of the University of Balochistan.
- 1.5. To offer standard preparatory classes of TOEIC, TOEFL, IELTS and GRE.

3. Faculty

S.No.	Name	Designation	Qualification	Field of Interest
1	Dr. Feroze Qaiser Kasi	Director	Ph.D	ELT, ESP, EAP, Action Research, Research Writing & Composition TESOL (TEST & TEFL)
2	Ms. Saira Abbass (on EoL)	Assistant Professor	M.A	Curriculum Development teacher training, Material adaptation / development
3	Mr. Naeem Nasir	Lecturer	M.A	ELT, TOEFL, IELTS, GRE, Teacher Training
4	Mr. Muhammad Asif (Study)	Lecturer	M.A	ELT
5	Mr. Saeed Ahmed Lehri	Lecturer	M.A	ELT, Linguistics, Phonetics and Phonology (HEC Certified Master Trainer)

S.No.	Name	Designation	Qualification	Field of Interest
6	Mr. Zahid Hussain	Lecturer	M.A	Communication Skills, Speaking Skills, Writing of Composition, ELT
7	Mr. Imran Bhatti	Lecturer	M.A	Listening Skills, Grammar, Speaking Skills.
8	Mr. Muhammad Zeeshan	Lecturer	M.A	ELT, Writing Skills, Grammar, Speaking Skills

4. Programs of Study

- 4.1. **Morning program** Functional English Language Program (one academic year) for MA/MSc (new previous) students University of Balochistan.
- 4.2. **Evening Programs**
- 4.2.1. 6 week Executive English for Professionals.
- 4.2.2. 4 Week Business English
- 4.2.3. 2 Week Linguistic Course
- 4.2.4. TOEFL, IELTS, GRE preparatory classes.
- Note: Students from academic levels, professionals, employees of Govt /semi-Govt organizations etc are encouraged to apply for the Evening programs.

5. Facilities

- 5.1. The department has setup **work shop studio** with Audio /Visual facility, a *Multimedia system, and Overhead Projector* and *High speed internet connectivity*. Faculty members teaching the courses have been instructed to make full use of it. In addition to modern approaches to Language Teaching, Faculty members are encouraged to come up with innovative personal ways of teaching and developing a distinct class room environment, where the one-way lecture method is discouraged. Traditional learning is blended with co-curricular activities at the Center. These activities ensure that our students broaden their views and expand their horizons. In this regard English Language Center organizes seminars, lectures and workshops on diverse topics
- 5.2. **Self access center** equipped with the latest computer systems, and it provides easy access to the internet and the HEC's online journals and e-books and most importantly it provides and opportunity for e language learning.
- 5.3. **Reference Library** English Language Center has a rich collection of books on English language. New books on linguistics, English Language Teaching etc are added to our shelves every year. Some selected research Journals are also available in the library.
- 5.4. **Teachers Training** The Center is committed to pursuing academic excellence in course work and research activities. We also train faculty members to polish their communication skills in teaching, a teacher training program has thus been introduced for colleges and universities of Balochistan.

DEPARTMENT OF ENGLISH LITERATURE

1. Introduction

- 1.1. The department of English Literature is one of the oldest department of the University of Balochistan but it is committed to moving with the times, constantly updating courses and technical methods in line with the latest advances in the field. It offers courses for those interested literature and creative writing. Our faculty demonstrate a wide breath of expertise across many literary periods (Medieval, Renaissance, Restoration, Romantic, Victorian and modern).

2. Objectives

- 2.1 To facilitate students in concept building through close reading of the text.
- 2.2 To help students improve their English and attain maturity in power of expression.
- 2.3 To acquaint students with established classical as well as modern writers.
- 2.4 To develop critical spirit in the students.
- 2.5. To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect and tolerance.
- 2.2. To foster an environment in which students would be encouraged to develop their personality and unfold their potentialities.
- 2.3. To inculcate mutual respect and tolerances.
- 2.4. To focus on the moral improvement of the students.

3. Job Opportunities

- 3.1. Educational institutions. Colleges/Universities
- 3.2. Provincial/Federal Public Service.
- 3.3. Interpreters/Translators in Public/Private sectors, media, etc.

4. Faculty

S.No.	Name	Designation	Qualification	Area of Interest
1	Ms. Faria Saeed Khan	Assistant Professor Chairperson	M.A	Drama and Literary Criticism
2	Mr. Naseem Achakzai	Assistant Professor	M.A	Criticism, Romantic Poetry & Novel
3	Ms. Munawara Rehman	Assistant Professor	M.A	Classical Poetry & Prose
4	Mrs. Najia Zaidi	Assistant Professor	MS	Novel & Prose
5	Ms. Saima Manzoor	Lecturer	M.A	Novel & Romantic Poetry
6	Mr. Ghulam Rasool	Lecturer	M.A	Drama & Romantic Poetry
7	Ms. Rafia Bukhari	Lecturer	M.A	Drama & Criticism
9	Mr. Niaz Hussain	Lecturer	M.A	Drama & Novel
10	Ms. Shahida Sher M.	Lecturer	M.A	Classical Poetry & Prose

5. Programs of Study

- 5.1. M.A. Two Years.

6. Description of Courses for M.A.

There are nine courses including research paper with presentation. In order to apply for M.A. degree a candidate must qualify all the papers. The total marks are 850.

6.1. M.A. Previous

<u>Paper Title.</u>	<u>Marks.</u>
Background of English Literature	100
Classical Poetry	100
Drama	100
Novel	100
Functional English	50

6.2. M.A. Final

<u>Paper Title</u>	<u>Marks</u>
Romantic Poetry	100
Prose	100
Literary Criticism	100
Research Paper and Presentation (for regular students).	100
Essay on literary topic. (for Private students).	

7. Eligibility Criteria for Admission

B.A. with 50% marks in English Compulsory. OR.
The candidates must have passed BA. with English Literature as an elective subject.
The candidates must qualify the Entry Test conducted by the department.
****The candidate must qualify the written test.**

8. Facilities

- 8.1. **Departmental Library:** The departmental Library has 2000 books on English Literature for teaching and research purposes. In addition, the students can gain access to the Central Library where there is a large collection of books on English Literature and language.
- 8.2. **Internet Facility:** The internet facility is available in the department and the Central Library. A large number of research journals and articles is available on internet and the Digital Library provided by the Higher Education Commission.

5. Programs of Study

M.A: 2 Years degree course

6. Description of Courses for M.A

6.1. M.A Previous

<u>Papers Title</u>	<u>Marks</u>
History of Pashto Language & Literature	100
Ancient Poetry	100
Ancient Prose	100
History & Culture	100
Functional English (compulsory)	50

6.2. M.A Final

<u>Papers Title</u>	<u>Marks</u>
Modern Poetry	100
Modern Prose	100
Critical Literature	100
Study of Khushal Khan (for private students)	100
Essay Writing	50

7. Eligibility Criteria for Admission

B.A with or without Pashto

8. Facilities

- 8.1. Departmental Library
- 8.2. Books & Research journals 1300
- 8.3. Computer Lab
- 8.4. Digital Library

5. Programs of Study

- 5.1. Master's Degree in Persian Language & Literature

6. Courses Description

- 6.1. Persian Department offers a two-year Master's Degree Course in Persian Language & Literature.

- 6.2. In **M.A previous** the students will be directed to cover the following subjects:

- 6.2.1. Classical Poetry
- 6.2.2. Classical prose
- 6.2.3. Tassawof (Mysticism)
- 6.2.4. Modern Persian Literature
- 6.2.5. Iqbaliyat
- 6.2.6. Functional English

- 6.3. In **M.A Final** the students will have a thorough study of the following subjects:

- 6.3.1. History of Persian Literature in Sub-continent
- 6.3.2. History of Persian Literature in Iran
- 6.3.3. Spoken Persian
- 6.3.4. Grammar and Balaghat
- 6.3.5. Linguistics (The History of Persian Language)
- 6.3.6. Research Paper (For Regular Students)/
- 6.3.7. Study of Mowlana Rumi (For Private students)

7. Eligibility Criteria for Admission

- 7.1. B.A./B.Sc

DEPARTMENT OF URDU

1. Introduction

- 1.1. Quetta is the Capital of Balochistan where diverse ethnic languages like Persian, Pashto, Balochi, Brahvi and many dialects associated with such Languages are spoken as a consequence of which, Urdu which was considered as official Language of the Province of Balochistan, has an immense effect of regional Languages.
- 1.2. Urdu Language is now becoming an international Language, therefore, there is a dire need to disseminate, promote & advance the knowledge to that literature whether it is scientific, logical or non-scientific could be translated into Urdu. Surprisingly enough, most of the Urdu literary contribution non-a-days are translated in different languages like English, German, Russian, French, Chinese & Japanese.
- 1.3. Urdu Department has the unique honor to be the first department to start research oriented work up to M. Phil and Ph. D level in the University.
- 1.4. Prof. Mujtaba Hussain, an eminent Critic, Scholar and Educationist established Department of Urdu in 1973. Many renowned Educationists, Writers, Scholars, Poets and Play Writers of Balochistan were groomed and nurtured in the Urdu department.

2. Objectives

- 2.1. To provide qualified and focused professionals in the subject of Urdu literature to meet the future needs of educational institutes and society.
- 2.2. To explore old and new horizons of Urdu literature pertaining to prose, poetry and criticism. To foster and environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 2.3. To guide the students of M.Phil & Ph.D in-depth and promote research of Urdu and Literature for ascertaining multi faceted values of different areas.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Educational Institutions Colleges/ Universities
- 3.2. Interpreters
- 3.3. Electronic and Print Media
- 3.4. Advertising Agencies
- 3.5. Provincials Federal Civil Services
- 3.6. Ngo's

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Agha Muhammad Nasir	Chairperson	Ph.D.	
2	Mrs. Shagufta Rahim	Lecturer	M.A	Urdu Shahiry Classiki ahd main
3	Mrs. Afshan Qazi	Lecturer	M.A	Afsanvi adab
4	Ms. Tanzila Naz	Lecturer	M.A	Urdu Naṣar Negari
5	Mr. Masood Danial Tareer	Lecturer	M.A	Thanqeed Nigari
6	Dr. Khalid Mahmood Khattak	Asstt. Prof.	Ph.D	Balochistan main Urdu Shahir-o-adab

5. Programs of Study

- 5.1. M.A 2 Years degree course.
- 5.2. M. Phil and Ph. D degree of 2 to 5 Years.

6. Description of Courses

6.1. M.A Previous

Papers Title

6.1.1. Tareekh Zaban-o-Adab Urdu (History of Urdu Language & Literature)	100
6.1.2. Afsanvi Adab (Fiction)	100
6.1.3. Asaleeb-e-Nasar-e-Urdu (Prose)	100
6.1.4. Urdu Shahiry Classiki Ahd Main (Classical Urdu Poetry)	100
6.1.5. Mir or Ghalib Ka Khasosi Mutalia (Mir & Ghalib Critical Study)	100

6.2. M.A Final

Papers Title

6.2.1. Tanqeed Nigari (Criticism)	100
6.2.2. Balochistan main Urdu Shair-o-Adab ki Riwayat (Urdu literature in Balochistna)	100
6.2.3. Urdu Shair-o-Adab Beswi Sadi Main (Urdu Literature in 20th Century)	100
6.2.4. Iqbal ka Khasosi Mutala (Iqbal)	100
6.2.5. Theqeeq or Amali Izhar (for regular students) (Criticism)	70+30=100
6.2.6. Mazmoon Negari (for private candidates) (Essay Writing)	100

7. Eligibility Criteria for Admission

- 7.1. B.A/B.Sc/B.com
- 7.2. Quality entry Test with at least 45% marks

8. Facilities

- 8.1. **Departmental Library.** The Departmental Library is managed by a Lecturer of Urdu Department and has over 1500 books covering a wide range of Urdu language and literature or Tehkeeq. The Library also has a vast collection of prestigious journals.
- 8.2. Multimedia and Overhead projector aids are used in the class rooms, seminars and conferences to facilitate the students learning experience.