



University of Balochistan

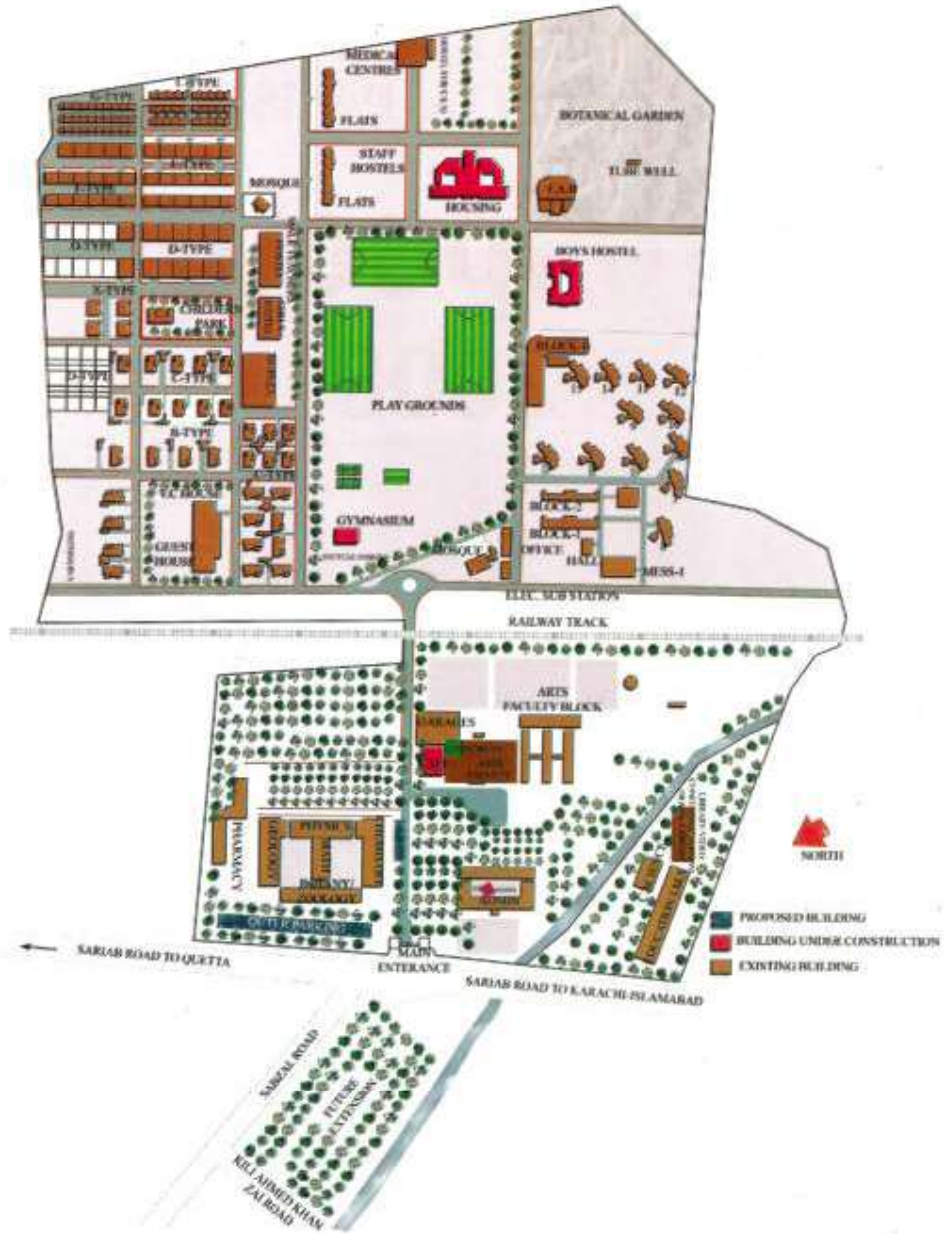
Quetta

Masters study program



PROSPECTUS 2013

LAYOUT UNIVERSITY OF BALOCHISTAN, QUETTA



VICE CHANCELLOR'S MESSAGE TO STUDENTS

The University of Balochistan is the largest and highest seat of learning having more than 650 faculty members, over 6000 on-campus students, 85 affiliated colleges and 01 Constituent Law College.



The University of Balochistan offers admissions in Postgraduate, undergraduate and various other Programs in almost more than 40 Departments, Centers and Institutes in morning and evening programs with the aim to prepare qualified, skilled human resource to meet manpower demands at Provincial and National level.

We believe that every student is bestowed with the requisite potential and our aim is to see that this potential is realized and fulfilled. To this end, I am pleased to offer you admission in postgraduate programs of your choice in one of more than 40 disciplines for the new academic year 2013 with the hope that you would join this Institution as a regular student of this University.

I assure you that we remain absolutely unwavering in our commitment to provide you the quality education you deserve and desire.

Looking forward to have you on Campus as part of community of regular students

Wish you all the best!

Prof. Dr. Rasool Bakhsh Raisani
Vice Chancellor

PRO VICE CHANCELLOR'S MESSAGE

It gives me an immense pleasure to welcome you to the University of Balochistan campus. University of Balochistan, Quetta, is the oldest and the only general university in the province offering a wide range of high quality programs in the fields of Sciences, Arts, Humanities, Languages etc, at various levels including Honors, Masters, M.Phil and Ph.D.



Most of our programs provide skills and knowledge that are applied at public, private and corporate sectors.

University of Balochistan plays an essential role in nurturing its students and impart a sense of ownership and pride in them. We have highly qualified dedicated, hardworking teachers, eager to transfer knowledge to the students of more than thirty-six departments including institutes and centers of excellence. Our faculty members try their best to foster a culture of learning and research which endeavors to produce human resource with requisite skills to serve the community at large. We in the University of Balochistan, Quetta, apart from its excellently developed infrastructure, have state of the art laboratories, digital libraries, excess to more than eighty thousand e-books, video conference facility etc. Our regular students have access to the latest computer lab equipments in all the departments/Institutes/centers. We do provide Hostel facilities to more than two thousand enrolled male and female students.

We assure you to remain committed to provide you quality education where students will find vast opportunities to develop themselves as leaders globally in the prevailing academically and technologically challenging environment.

*Prof. Dr. Abdullah Khan
Pro Vice Chancellor*

Foreword

Prospectus is an introductory document for newcomers to the University of Balochistan Quetta. All students are advised to carefully study its contents. It will also help them to understand what is expected when they should they get the admission.

Every effort has been made to ensure the accuracy of information contained in this Prospectus, but the University will accept no responsibility for errors and omissions. This prospectus is informational and should not be taken as binding on the University. The University reserves the right at its discretion to introduce changes to the information given including the addition, withdrawal or restructuring of courses, rules, policies, fees or other matters.

The Prospectus is issued on the express condition that it shall not form part of any contract between the University and any student.

Admission to the University is subject to the requirement that the student will comply with the University's registration procedures and will duly observe the Code of Conduct, Statutes and Regulations of the University.

Parents and students' inputs for improvement of the prospectus are welcomed. Please do not hesitate to consult the Deputy Registrar Students Affairs. You may also consult the concerned Head of Department for advice.

Registrar

Prof. Muhammad Iqbal Kasi

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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 standard through its programs of research and innovations.
- 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

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 while maintaining and fostering a high levels of ethical and professional standards and promoting national identity.

3. Mission

Functioning as a student-centric institution dedicated to academic excellence, tolerance and fairness. Maintaining and fostering highest ethical and professional values while teaching students to seek knowledge analytically, be creative, communicate effectively and become technologically literate to meet the emerging needs of our society within the global village.

Ensuring and supporting faculty and staff to continue their professional and intellectual development

4. Our Values

- Integrity
- Creativity
- Team Work
- Excellence
- Responsibility (to all Stakeholders)

5. Governing Body

See 6.1 to 8.2.1.6

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
- 7.2 Vice Chancellor
- 7.3 Pro Vice Chancellor
- 7.4 Registrar
- 7.5 Treasurer
- 7.6 Controller of Examinations
- 7.7 Director General(Admin./ HR)
- 7.8 Director General(Student Affairs)
- 7.9 Director General(P&D)

8. Directorate of Students' Affairs

- 8.1 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.
- 8.2. **Role and duties of Directorate 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:
 - 8.2.1. **Academics**
 - 8.2.1.1. Admission of Students under category B & C.
 - 8.2.1.2. Selection of students for other universities of the country.
 - 8.2.1.3. Migration from one department to other.
 - 8.2.1.4. Re-admission of struck off cases.
 - 8.2.1.5. Arrange meetings with the Students Advisory Council.
 - 8.2.1.6. Organizing Convocation.

9. Programs of Study

- 9.1. MA/M.Sc. : 2 years
- 9.2. M.Phil : 2 years
- 9.3. Ph.D. : 3 years

10. Number of Seats Available

- 10.1 The Total number of seats in each Department/Institute/Center/ in each programme of study, including all categories of reserved seats, varies from department to department.

10.1.1. Category 'A'-Local and Domicile of Balochistan

Open merit: Balochistan	10%
Open merit Quetta District	15%
Open merit: District other than Quetta	75%

- 10.1.2. 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

- 10.1.3. 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: Science Faculty	01 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 Philosophy Political Science Social Work Urdu Law College	01 01 02 02 02 02	Applicants will be nominated by the concerned Federal Ministry
4.	Direct dependents of Pakistanis working abroad (Son / Daughter / Spouse / Brother / Sister)	Arts Faculty: Science Faculty:	05 05	Application to be submitted through HEC Islamabad.
5.	Foreign Students	Arts Faculty: Science Faculty:	02 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: Science Faculty:	05 05	Through Economic Affairs Division, Government of Pakistan (Applicants must possess Computerized NADRA Refugees Card)
7.	N.A. (Norther Area)	Arts Faculty: Science Faculty:	01 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: Science Faculty	02 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.

Note: University of Balochistan reserves the rights to decrease or increase the number of seats.

11. To qualify the entry test is mandatory

- 11.1 The Candidates shall have 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.

12. Determination of Admission Merit for Master Program - Weightage

12.1	Matriculation	:	10%
12.2	Intermediate	:	20%
12.3	Graduation	:	40%
12.4	Written Test / Interview	:	30%

13. Admission Requirements

- 13.1 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 had their previous education in the Institutions of Balochistan, will be eligible for admission only against reserved seats to be decided by the University. Admission is also available to limited number of foreign students on a separate quota.
- 13.2 Candidates who qualify in the supplementary examination of that year shall not be allowed admission during that year.
- 13.3 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, Commerce.
- 13.4 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.
- 13.5 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.

Admission procedure

- 14.1. Forms for admission can be obtained on payment from Habib Bank Limited, University Branch, Quetta.
- 14.2. Candidates seeking admission shall submit the admission both in Duplicate.(Original +)
- 14.3 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 *not indulge in politics*.
- 14.4 **Documents Required to be Attached**
Four copies of recent passport size photographs duly attested. (Male/Female)
- 14.5. 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).
- 14.6. Attested copy of Provisional certificate of the last qualifying examination.
- 14.7. Attested copy of the Detailed Marks Sheet of the last qualifying examination.
- 14.8. Attested copy of Local or Domicile Certificate of the Province of Balochistan.
- 14.9. Original documents will be shown at the time of Interview and will be checked by the Chairman/ Admission Committee of the concerned department.
- 14.10. Applicants must collect and 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.
- 14.11. In service applicants are required to produce:
14.11.1. No Objection Certificate from the Employers.
- 14.12. The selected candidates will be required to complete the admission formalities by last date announced by the University.
- 14.13. If a candidate fails to make payment of admission dues by last date, his/her Admission will stand cancelled.

- 14.14. If a candidate fails to join the department within fifteen days from the date of admission his / her admission will stand cancelled.
- 14.15. 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.
- 14.16. Candidates will not be informed individually about their provisional admission/withdrawal or cancellation of admission and the University, therefore will not be liable to be held responsible in this regard.
- 14.17. Student who had got graduate/post graduate degree as regular students will not be considered for admission in any degree programme, except professional degrees. However He/She may not apply as a private candidate.

15. Attendance and re-admission requirements:

- 15.1. Attendance of Lectures, Practical, tutorials and field work is compulsory for all students.
- 15.2. 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.
- 15.3.(i) A student, whose name has been struck off the rolls may be re-admitted for valid reason within two weeks during the same academic year to the class. This re-admission will however, be allowed by the respective Chairman of the Department. Fee for re-admission will be Rs. 2000/-
- (ii) If a student fails to apply for re-admission within the stipulated period, then he/she will be given two more weeks to apply re-admission to the Academic Committee headed by the Dean, Student Affairs. In such a case the re-admission fee will be Rs. 3000/-
- (iii) The re-admission not covered in 15.3 (i) and 15.3(ii) will be dealt by the Central Admission Committee headed by the Pro-Vice Chancellor and the fee will be 4000/-. This period shall not exceed to 60 days.

Note: No case of the re-admission will be considered after sixty (60) days.

- 15.4. 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.

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

- 16.1. If a student is in short of prescribed attendance i.e. 75% in Previous class his/her examination forms will be detained. However, the student will be promoted to the next class provided he/she has secured 40% of attendance. If a student is on regular role of the department and completes prescribed attendance in the final year class, will be eligible to appear in the examination of both classes.
- 16.2. If a student did not 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 in the previous class.

*16.3. For Promotion from Previous class to final class the attendance shall be 40%.

17. Students Code of Conduct-Discipline

17.1. *No Student shall:*

- 17.1.1. Do, or propagate, anything repugnant to Islam within and outside the precincts of the University/College.
- 17.1.2. Say or do anything which might adversely affect the honour and prestige of Pakistan, the University teachers and his/her educational institution.
- 17.1.3. Smoke in the classroom, laboratory, workshop, library and examination hall.
- 17.1.4. Form or associate him / herself with an organization / society / club or any other body promoting inciting parochial / linguistic / regional feelings.
- 17.1.5. Organize or hold any function in the University except in accordance with the prescribed rules/regulations.
- 17.1.6. 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.
- 17.1.7. 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.
- 17.1.8. Indulge in immoral activities, use indecent language, wear immodest dress, make indecent remarks, jokes or gestures or behave in an improper manner.
- 17.1.9. Cause disturbance to others.
- 17.1.10. Disturb the peace and tranquility of the Institution.
- 17.1.11. 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.

17.2. Violation of any of the above will be considered misconduct and liable to disciplinary action.

17.3. **Disciplinary Action**

- 17.3.1. 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:
 - 17.3.1.1. A student may be fined.
 - 17.3.1.2. 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.
 - 17.3.1.3. A student may be suspended from the rolls of a College / Institute / Center / Department for a period not exceeding two weeks at a time.
- 17.3.2. 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.

18. Regulations Relating to Rustication, Expulsion and Withdrawal




- 18.1. 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.
- 18.2. 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.
- 18.3. A rusticated student once re-admitted and again found creating disturbance/indiscipline, etc. will be expelled from the University.
- 18.4. A student expelled from the University shall not be re-admitted into the same University without the approval of the Syndicate. Re-admission shall in no case be granted before the expiry of one academic year from the date of expulsion.

19. Code of Honor

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

- 19.1. All Students must have faith in and respect for the ideology of Pakistan.
- 19.2. All Students must in matters of religion respect the convictions of others.
- 19.3. Every student is expected to:-
 - 19.3.1. Be Loyal to Pakistan;
 - 19.3.2. Obey the Law of the land as well as the rules & regulations of the University;
 - 19.3.3. Maintain law and order as well as the dignity and prestige of the University;
 - 19.3.4. Protect the property of the University;
 - 19.3.5. Show due respect to elders, teachers and outside visitors;
 - 19.3.6. Work hard and co-operate in completing the courses of study within the prescribed period.

20. Facilities

- 20.1. **Central 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.
- 20.2. **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
- 20.3. 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 Worlds, 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.
- 20.4. **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.

20.5. 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.

20.6. Hostels There are 16 double story blocks of hostels on the Campus for male students with a total capacity for 1300 residents, 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 Provosts, Provosts, Senior Warden and one Resident Warden for each hostel.



20.7. 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.

20.8. Bank and Post Office A branch of Habib Bank and Post Office are available within the premises of the University.

20.9. 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.

20.10. 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.

20.11. Co-Curricular Activities

20.11.1. Golden Week.

20.11.1.1. 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.



20.11.1.2. 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.

20.11.1.3. 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.

- 20.12. 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. Seperate 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.
- 20.13. Audio Visual Aids** Audio-visual aids are used in the class rooms, seminars and conferences to facilitate the students learning process.
- 20.14. Tutorial and Guidance** Tutorial and Guidance service is available to the University students. The Tutors Facilitates the learning process of teh students and enable them to make positive 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.
- 20.15. 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.
- 20.16. Directorate of Quality Assurance**
- 20.16.1. 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.
 - 20.16.2. To execute the program on quality assurance at the University of Balochistan through internal assessment.
- 20.17. 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 Name : _____

Father Name : _____

C.N.I.C. No of Applicant _____

Postal Address: _____

The deponent declares on oath / solemn affirmation that the
Applicant _____ **S/o/D/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 _____

C.N.I.C No. _____

CERTIFICATION

It is certified that Mr. Miss/Mrs. _____ S/D/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: _____

Appendix - II

Category C

Affidavit Specimen

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

Applicant Name _____
Father's Name _____
CNIC No. _____
Postal 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
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/O _____ is
An employee of _____ designation _____ and at
present serving in the deptt/ section _____ Govt: of Balochistan / Pakistan.

Oath Commissioner/Megistrate (IV)

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 1992)

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 statement
- OR
Read and write 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 2013 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	1200/-	1200/-
•	Tuition Fee	2160/-	2160/-
•	Security Fee (Non Refundable)	360/-	----
•	ID Card	60/-	60/-
•	Student Cultural	180/-	180/-
•	Sport Fee	600/-	600/-
•	Transport Fee	960/-	960/-
•	Field Work	480/-	480/-
•	Library Fee	360/-	360/-
•	Library Security (50% Refundable)	2000/-	----
Total		8360/-	6000/-

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	1200/-	1200/-
•	Tuition Fee	2160/-	2160/-
•	Security Fee (Non Refundable)	360/-	----
•	ID Card	60/-	60/-
•	Student Cultural	180/-	180/-
•	Sport Fee	600/-	600/-
•	Computer Lab Fee	1200/-	1200/-
•	Transport Fee	960/-	960/-
•	Field Work	480/-	480/-
•	Laboratory	600/-	600/-
•	Library Fee	360/-	360/-
•	Library Security (50% Refundable)	2000/-	----
Total		10,160/-	7800/-

FEE STRUCTURE			
Masters in Computer Science (Two years morning program study)			
Accounts		Dues at the time of Admission 1st & 2nd Semester	Dues for 3rd & 4th Semester
•	Admission Fee	1200/-	1200/-
•	Tuition Fee	12,240/-	12,240/-
•	Identity Card	60/-	60/-
•	Student Cultural	180/-	180/-
•	Sport Fee	600/-	600/-
•	Computer Lab	1200/-	1200/-
•	Transport Fee	960/-	960/-
•	Library Fee	360/-	360/-
•	Departmental Hardware Fee	4800/-	----
•	Library Security (50% Refundable)	2000/-	----
•	Examination Fee	4200/-	4200/-
Total		27800/-	21000/-

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)	3600/-	----	----	----	----	----	----
•	Tuition Fee	11520/-	11520/-	11520/-	11520/-	11520/-	11520/-	11520/-
•	Security Money (Non Refundable)	360/-	----	----	----	----	----	----
•	Student Cultural	360/-	----	360/-	----	360/-	----	360/-
•	Sport Fee	600/-	----	600/-	----	600/-	----	600/-
•	Transport Fee	960/-	----	960/-	----	960/-	----	960/-
•	Computer Lab Fee	1200/-	----	1200/-	----	1200/-	----	1200/-
•	Library Fee	360/-	----	360/-	----	360/-	----	360/-
•	Library Security (50% Refundable)	2000/-	----	----	----	----	----	----
Total		20960/-	11520/-	15000/-	11520/-	15000/-	11520/-	15000/-
Grand Total		100520/-						

FEE STRUCTURE					
Masters in Public Administration (MPA) Morning					
Accounts		For Total Duration of Course 1st Semester	2nd Semester	3rd Semester	4th Semester
•	Admission Fee (for total duration)	2400/-	----	----	----
•	Tuition Fee	5040/-	5040/-	5040/-	5040/-
•	Security Fee (Non Refundable)	360/-	----	----	----
•	Student Cultural	360/-	----	360/-	----
•	Sport Fee	600/-	----	600/-	----
•	Transport Fee	960/-	----	960/-	----
•	Computer Lab Fee	1200/-	----	1200/-	----
•	Library Fee	360/-	----	360/-	----
•	Library Security (50% Refundable)	2000/-	----	----	----
	Total	13280/-	5040/-	8520/-	5040/-

FEE STRUCTURE			
B.Ed (Four Year)			
	Accounts	1st Semester	2nd, 3rd & 4th Semester
•	Admission Fee	1200/-	1200/-
•	Tuition Fee	2880/-	2880/-
•	Security Money (Non Refundable)	360/-	----
•	Identity Card	60/-	60/-
•	Student Cultural	180/-	180/-
•	Sport Fee	600/-	600/-
•	Transport Fee	960/-	960/-
•	Field Work	480/-	480/-
•	Teaching Aid	720/-	720/-
•	Library Fee	360/-	360/-
•	Library Security (50% Refundable)	2000/-	----
	Total	9800/-	7440/-

FEE STRUCTURE M.Ed (One Year)		
	Accounts	1 st Year
•	Admission Fee	1200/-
•	Tuition Fee	2880/-
•	Security Money (Non Refundable)	360/-
•	Identity Card	60/-
•	Student Cultural	180/-
•	Sport Fee	600/-
•	Transport Fee	960/-
•	Field Work	480/-
•	Teaching Aid	720/-
•	Library Fee	360/-
•	Library Security (50% Refundable)	2000/-
	Total	9800/-

FEE STRUCTURE MLIS Lib: Sc (Two Year)			
	Accounts	1 st Year	2 nd Year
•	Admission Fee	1200/-	1200/-
•	Tuition Fee	3600/-	3600/-
•	Security Money (Non Refundable)	360/-	----
•	Identity Card	60/-	60/-
•	Student Cultural	180/-	180/-
•	Sport Fee	600/-	600/-
•	Transport Fee	960/-	960/-
•	Field Work	1080/-	1080/-
•	Library Fee	360/-	360/-
•	Library Security (50% Refundable)	2000/-	----
•	Computer Lab	1200/-	1200/-
	Total	11600/-	9240/-

Fee Instructions

- Note:-** i). Hostel Room Rent @ Rs. 120/- Per Month. Rs. 1440/- Per Year.
ii). Hostel Room Rent for Self Finance @ Rs. 1200/- per Month **Rs.14400/-** Per Year

Note:- Dues may be deposited after declaration of admission within a week time. If a candidate failed to deposit fee his/her admission will stand cancelled and next candidate on merit list will be given admission, who will deposit the dues in due time.

Note:- Fee once deposited shall not be refunded except the Library Security. (50%)

Faculty of Basics Sciences

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





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
01	Prof. Dr. Sher M. Nasir	Professor	Ph.D.	Renee Energy (Solar/wind) Environmental Science
02	Prof. Dr. Syed Mohsin Raza	Meritorious Professor Dean of Physical Sciences	Ph.D.	Condensed Matter Physics, Mathematical Modelling and Simulation
03	Mr. Fazlur Rehman	Assistant Professor	M.Phil	Solid State Physics, Dielectric Properties of Condensed Matter
04	Mr. Muhammad Ali	Assistant Professor	M.Sc.	Electronics
05	Mr. Shahab Naseem	Assistant Professor	M.Phil	Electronics, Solid State Physics
06	Mr. Muhammad Latif	Assistant Professor Chairman	M.Phil	Spectroscopy
07	Syed Abdul Sattar Agha	Assistant Professor	M.Phil	Semiconductor, Electronics
08	Abaidullah Khan	Lecturer	M.Sc.	Electronics
09	Muhammad Hussain	Lecturer	M.Sc.	Electronics

10	Fareed Khan	Lecturer	M.Sc.	Electronics
11	Ajab Khan Kasi (TTS)	Assistant Professor	Ph.D	Mechatronics
12	Muhammad Sohail (on Study Leave)	Lecturer	M.Sc.	Electronics
13	Jafar Khan Kasi (TTS)	Assistant Professor	Ph.D	Microtech/ Nana Technology
14	S. Muzamil Ali Bukhari (on Study)	Lecturer	M.Sc.	Electronics
15	Muhammad Ather Qureshi (without pay) Not join the University	Lecturer	Ph.D	Electronics
16	Syed Wajahat Ali	Lecturer	M.Sc.	Electronics
17	Ahmad Bilal	Lecturer	M.Sc	Electronics
18	Shehzad Ahmed	Lecturer	M.Sc	Electronics
19	Iram Naz	Lecturer	M.Sc	Electronics
20	Sana Idrees	Lecturer	M.Sc	Electronics
21	Samiullah (on Adhoc)	Lecturer	M.Sc	Electronics
21	Muhammad Zakria Zehri (on Adhoc)	Lecturer	M.Sc	Physics

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
VII	Functional English	50
	Sub total	500
	Lab Work	
	Experiments on Physical Constants, Spectroscopy and Modern Physics - Pract-I Pre.	100
	Experiments on Electronics, Oscillators & Op. Amplifiers - Pract-II-Pre.	100
	Total Marks	700

6.3 M.Sc. Physics (Final)

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

6.4 A. Specialization in Electronics

Paper	Course Title	Marks
XIV-A	Microprocessor-I	50
XV-A	Microprocessor-II	50
Practical-III-A	Experiments on Microprocessors	50
	Sub Total	150

6.5 B. Specialization in Communication Systems

Sr. No.	Course Title	Marks
XIV-B	Communication System I	50
XV-B	Communication System II	50
Practical III-B	Experiments based on Communication Systems	50
	Total	150

6.6 C. Specialization in Solid State Physics

Sr. No.	Course Title	Marks
XIV-C	Electrical Properties of Solids-I	50
XV-C	Magnetic Properties of Solids-II	50
Practical-III-C	Experiments on Solid State Physics	50
	Total	150

6.7 D. Specialization in Environmental Sciences

Sr. No.	Course Title	Marks
XIV-D	Introduction to Environmental Sciences-I	50
XV-D	Environmental Physics-II	50
Practical-III-D	Experiments on Environmental Sciences	50
	Total	150

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

Sr. No.	Course Title	Marks
XIV-E	Renewable Energy Resources	50
XV-E	Meteorology	50
Practical-III-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. Courses for M.S/M.Phil/Ph.D are approved by Academic Council, UoB, Quetta. 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 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 / PVC	Ph.D.(UK)	Inorganic Chemistry
2	Dr. Abdul Nabi	Professor Meritorious	Ph.D.(UK)	Analytical Chemistry
3	Dr. Masood A.Siddiqui	Professor/Chairperson	Ph.D. (Japan)	Biochemistry & Biotechnology
4	Dr. Mohammad Yaqoob	Professor	Ph.D.	Analytical Chemistry
5	Dr. Manzoor Iqbal Khatak	Associate Professor	Ph.D.(Khi)	Physical Chemistry
6	Mrs. Sabiha Khatoon	Assistant Professor	M.Sc.	Inorganic Chemistry
7	Mrs. Shaheen Durrani	Assistant Professor	M.Phil	Organic Chemistry
8	Mrs. Amna Bano	Assistant Professor	M.Phil	Physical Chemistry
9	Dr. Samar Ali	Assistant Professor	Ph.D.(Khi)	Organic Chemistry
10	Mr. Samiullah	Lecturer	PhD (UK)	Organic Chemistry
11	Mrs. Shaheen Wali	Lecturer	M.Sc.	Physical Chemistry
12	Mr. Ghulam Mustafa	Lecturer	M.Phil	Organic Chemistry
13	Mr. Waheed Ahmed Shah	Lecturer	M.Phil	Organic Chemistry
14	Mr. Nizam Baloch	Lecturer	M.Sc.	Organic Chemistry
15	Mr. Irshad Ali	Lecturer (Study Leave)	M.Sc.	Inorganic Chemistry
16	Mr. Naqeebullah	Lecturer (Study Leave)	M.Sc.	Bio-Chemistry
17	Ms. Arifa Bano	Lecturer (Study Leave)	M.Sc.	Bio-Chemistry
18	Mr. Faiz Muhammad	Lecturer (Study Leave)	M.Sc.	Bio-Chemistry
19	Ms. Anam Iqbal	Lecturer	M.Sc.	Inorganic 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	Analytical Chemistry Theory Paper IV + Practical	Optional	100 + 50
6	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 / Specialization	Total Marks
1	Physical Chemistry Theory Paper-I Theory Paper-II Theory Paper-III Practical 1 Thesis	Specialization	100 100 100 100 100
2	Inorganic Chemistry Theory Paper-I Theory Paper-II Theory Paper-III Practical 1 Thesis	Specialization	100 100 100 100 100
3	Organic Chemistry Theory Paper-I Theory Paper-II Theory Paper-III Practical 1 Thesis	Specialization	100 100 100 100 100
4	Analytical Chemistry Theory Paper-I Theory Paper-II Theory Paper-III Practical 1 Thesis	Specialization	100 100 100 100 100
5	Bio-Chemistry Theory Paper-I Theory Paper-II Theory Paper-III Practical 1 Thesis	Specialization	100 100 100 100 100
6	Environmental Chemistry Additional	Compulsory	100

7. Eligibility Criteria for Admission in M.Sc

- 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	Liquid Chromotograph
2	Gas Chromotograph
3	Atomic Absorption Spectrometer
4	Flow injection analysis / Spectrophotometric detection
5	I.R Spectrophotometer (Pye Unicam SP 1000)
6	Biolumat (Berthold EG & G) (TWAS)
7	Deionizer (Elgastat B114)
8	Electrophoresis unit (Bio Rad) (TWAS)
9	Flame Photometer (Corning 400)
10	Peristaltic Pump (Ismatec 100, 4 Channels)
11	Photomultiplier Tubes (PMTs) (Thorn EMI) (NSRDB)
12	Spectrophotometer (Hitachi U - 1100) (NRSDB)
13	Spectrophotometer (Shimadzu) UV - 120 - 02
14	Ultra Centrifuge (IEC - B -02 A, DAMON)
15	Electrophoresis Unit (Desaga GMBH D6900)
16	Shaker (KL -2 Edmond Buhler)
17	Suction Pump
18	Refractometer (Hilger and Watts)
19	Polarimeter (Erma)
20	Rotary evaaporator with thermostat (HEIDLPH)
21	Vacuum Pump (ME4R Membrane)
22	Electronic Balance (Shimadzu BL Series)
23	Fraction Collector (Pharmacia biotech, FRAC - 100)
24	Rotary evaporator (BIBBY RE 200)

- 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 37 years the Department has produced more than 2300 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	06
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 20.

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 Mathematics
14	Mr. Abdul Rehman	Lecturer (Study Leave)	M.Phil	Applied Mathematics
15	Miss. Sana Jaffar	Lecturer	M.Sc.	Applied Mathematics

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
6	VI	Functional English	50

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	IX	(i)Mathematical Statistics I (ii) Mathematical Statistics II	100
4	X	(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	Dr. Syed Haider Shah	Assistant Professor	Ph.D.
6	Mr. Muhammad Zaman	Assistant Professor	M.Sc.
7	Mr. Ghulam Farooq	Assistant Professor	M.Sc.
8	Dr. Farhat Iqbal	Assistant Professor	Ph.D.

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

5. Programs of Study

5.1. **M.Sc.** (Two years.)

5.2. **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 Paper of functional English of 50 marks in M.Sc. Previous	50
6.1.6 Practical and Viva Voce-I	
Comprising problems on Statistical Methods and Experimental Designs	100
6.1.7 Practical and Viva Voce-II.	
Comprising problems on Probability and Probability distributions and Sampling Techniques.	100
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.

Faculty of Management Sciences, Business & IT

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





DEPARTMENT OF COMMERCE

Introduction

Department of Commerce, University of Balochistan is one of the oldest Department of University. The Department was established in 1973 as undergraduate Department. It is presently one to the largest department of the University of Balochistan, Quetta with respect to the number of students enrolled in the courses offered by the department and the number of courses taught in the department. In view of better job opportunities for Commerce graduates, a graduate course was also initiated leading to master degree in Commerce. Currently a two year graduate course leading to the degree of M.Com.

M. Phil and Ph. D programs are also offered by the department for only to those teachers who are in service.

New initiative Taken by the Department.

Department has started Bachelor and Master level Programs (B. Com) on Self-Finance basis in the evening session. This is a hope of light are for those who cannot continue their education due to certain reasons in the morning and performing jobs in the morning. Therefore, program was a successful launch and got tremendous appreciation

Objectives

The main objective of Commerce Department is to produce professional managers, accountant and businessman for the nation. The other objectives expected from M.Com students are follow:

It possesses scientific knowledge and understanding of accounting, marketing human resource management financial management, Quantitative Techniques for business and also known socio-economic Condition of the country.

Students are also able to make plan for the development of industry and for the welfare of working people.

The Students of Commerce today occupy key position both public and private sector.

They are able to prove themselves as a good manager and have a creative and helpful attitude in problem solving.

They are able to play leadership role or institute a mechanism that can targeted performance in terms of time, cost or some other measure of effectiveness from the plan.

Students of Commerce possess a decision ability to face a various problems

Students possess clear idea of their path of development where they stand and where they are going.

They possess ability and power to develop new ideas and are able to implement these ideas.

Contact Information:

Department of Commerce, University of Balochistan, Quetta

Phone: +92-81-9211236

Email: forshaff@hotmail.com

Courses

Courses offered in M.Com and B.Com.

We are offering in M.Com (10) courses and one Viva voce while report writing on leading organizations and economic issues is the part of Viva voce.

B.Com . (B. Com program is run on Self-finance in Evening)

B.Com (14) courses.

M. Phil and Ph. D courses.

Department has the honor that one PhD professor is available who is providing the assistance to the Students. Department is offering service by conducting that classes for M. Phil and Ph. D students.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Mr. Abdul Lateef Durrani	Dean Management Science, Business and Information Technology	M.Phil, M.Sc	Management Sciences, Business Mathematics, Statistics for Management
2	Mr. Abdul Rashid Khan	Assistant Professor / Chairperson	M.Phil, M.A	Economics, Research Methodology
3	Mr. Muhammad Ali	Assistant Professor	M.Phil, M.Com	Accounting (Cost / Advance)
4	Mr. Inayatullah Khan Durrani	Assistant Professor	M.Phil, M.Com	Management, Business Organization, Research Methodology.
5	Ms. Tahira Jabeen	Lecturer	M.Phil, M.Com	International Business, Marketing Management
6	Dr. Nadeem Malik	Lecturer	P.hD, M.Com	Advance Accounting, Research Methodology, Business Communication
7	Mr. Abdul Quddus	Lecturer	M.Com	Administrative affairs
8	Mr. Muhammad Shafique	Lecturer	M.Phil, M.Com	Financial Management, Business Law, Accounting.
9	Shakira Bukhari	Lecturer	M.Phil, M.Com	Personal Management, Management, Economics.
10	Ms. Amina Khuda Dad	Lecturer	M.Com	Marketing Management, Accounting, Personal Management
11	Dilawar Khan Durrani	Lecturer	MBA	Human Resource Management
12	Syed Jameel Ahmed	Lecturer	MBA	Finance

Description of Courses

The Department is offering B.Com and M.Com courses to the students and following causes are offered for the degree.

B.Com subjects.

1. Islamic Education and Pakistan Studies.
2. Business Communication.
3. Fundamental of Business.
4. Principal of Business Economics.
5. Business Law.
6. Banking and Finance.
7. Principles of Accounting.
8. Economics of Pakistan.
9. Fundamental of Cost Accounting.
10. Advance Accounting.
11. Business Mathematics.

M.Com Subjects.

1. Principles of Management.
2. Fundamental of Marketing.

3. Corporate Accounting & Financial Statement Analysis.
4. Research Method & Report Writing.
5. Quantitative Techniques for Business.
6. International Business.
7. Management Accounting.
8. Managerial Economics.
9. Financial Management.
10. Financial Management.
11. Human Resource Management.
12. Viva Voce and Report Writing.

RESEARCH

RESEARCH TOPIC OF M.PHIL & PHD UNDER INVESTIGATION

1. Socio-Economic impact of small scale industry on the development of Balochistan, by Mr. Inayatullah Khan, Assistant Professor, Commerce Department, University of Balochistan.
2. An Analysis of the impact of Financial liberalization on saving and Investment in Pakistan by Mr. Tufail Ahmed Farooqui, Assistant Professor, Commerce Department, University of Balochistan
3. Past and Future Share of Coal and Energy Economics of Pakistan by Mr. Muhammad Ali, Assistant Professor, Commerce Department, University of Balochistan.
4. An analysis study of the impact of technical changes on the growth of rural Agriculture economy of Balochistan by Mr. Abdul Latif, Associate Professor, Commerce Department, University of Balochistan.
5. Marketing of fruits for export from Balochistan presented by Miss Tahira Jabeen, Lecturer, Commerce Department, University of Balochistan.
6. Livestock Potentials in Balochistan: prospects and Constraints with special reference to small ruminants By Mr. Muhammad Shafique, Lecturer, Commerce Department, University of Balochistan.
7. Role of micro enterprise in the empowerment of women. By Mrs. Shakira Bukhari, Lecturer, Commerce Department, University of Balochistan.
8. Role of human resource development in the industrial development of Pakistan, by Nadeem Malik, Lecturer, Commerce Department, University of Balochistan.
9. An analysis of impact and effects of but Feeder command area development project in poverty alleviation in Naseerabad by Abdul Rasheed, Assistant Professor, Commerce Department, University of Balochistan.

Compute Lab

Computer Lab is under construction, hopefully completed in two months.

PART TIME TEACHERS FOR SELF-FINANCE PROGRAM

Name of Faculty Member	Designation	Name of Courses taught along with hours during 2010-11	Highest Degree Obtained
Dr. Ghulam Muhammad Jaffar	Professor	Islamiyat (40 hrs)	PhD
Husan Ara	Lecturer	Pakistan Studies	M.Phil, M.A
Azhar Ali Marri	Lecturer	Business Statistics	M.Sc
Asia Rasheed	Visiting Faculty	Business Communication, Marketing Management	M.Com
Saleh Muhammad Kasi	Visiting Faculty	Financial Communication, Business & Finance	MBA
Abdul Rehman Khan	Visiting Faculty	Accounting	MBA

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 for the exploitation of 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 by developing & training human resource.
- 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

2. Objectives

- 2.1. To produce qualified and focused professionals in Management Sciences to meet the future needs of public and private sectors organizations.
- 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	M.Phil	Finance
4	Mr. M.K. Bhatti	Assistant Professor	M.Phil	HRM
5	Mr. Suleman Akber	Assistant Professor	MBA	Finance
6	Dr. Zainab Bibi	Assistant Professor	Ph.D.	HRM
7	Dr. Sana-ur-Rehman	Assistant Professor	Ph.D.	Marketing
8	Dr. Jehanwash Karim	Assistant Professor	Ph.D.	HRM

S.No.	Name	Designation	Qualification	Field of Specialization
9	Dr. Saubia Ramzan	Assistant Professor	Ph.D.	HRM
10	Mr. Abdul Wahid Zehri	Lecturer	MPA	HRM
11	Mrs. Anjum Pervaiz	Lecturer	MPA	HRM
12	Mrs. Fauzia Ahmed Sheikh	Lecturer	MPA	HRM
13	Mrs. Beenish Malik	Lecturer	MBA	Finance
14	Mr. Khurram Shahzad	Lecturer	MS	Finance
15	Mr. Muhammad Kaleem	Lecturer	MBA	Finance
16	Mr. Jamil Ahmed	Lecturer	MS	Finance
17	Mr. Muhammad Kashif	Lecturer	MBA	Finance
18	Ms. Safia Bano	Lecturer	MBA	Finance
19	Mrs. Kaneez Fatima	Lecturer	MBA	Finance
20	Ms. Farae Naeem	Lecturer	MBA	Finance
21	Mr. Naqeeb Ullah Bareach	Lecturer	MPA	HRM
22	Mr. Muhammad Danish	Lecturer	MPA	HRM
23	Mr. Furqan Ul Haq Saddique	Lecturer	MBA	HRM
24	Ms. Masooma Iram	Lecturer	MBA	Finance
25	Mr. Kamal Bader	Lecturer	MBA	Banking & Finance
26	Mr. Tabish Shabee	Lecturer	MBA	Marketing
27	Mr. Zubair Sharif	Lecturer	MPA	HRM
28	Mr. Saud Al Taj	Lecturer	MBA	HRM
29	Mr. Nadir Khan	Lecturer	MS	Finance
30	Miss. Uzma Gilani	Lecturer	MBA	Marketing
31	Mr. Muhammad Naeem	Lecturer	MBA	Finance
32	Mr. Watan Yar	Lecturer	MBA	Finance

5. Programs of Study

- 5.1 MBA (MASTER IN BUSINESS ADMINISTRATION)
- 5.2 MPA (MASTER IN PUBLIC ADMINISTRATION)
- 5.3 MBA Executive
- 5.4 MBA (Banking & Finance).

6. Description of Courses

- 6.1 MBA (Morning & Evening) Study Programs:

- 6.1.1 Compulsory Courses

- BA-601 Mathematics & Statistics for Management
- BA-602 Business Communication
- BA-603 Fundamentals of Financial Accounting
- BA-604 Principles of Management

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-Commarce
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 Grduatesholding 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 fix 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

Introduction

The department of Economics initially started in 1971, established at the Degree College Quetta. 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.

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.

The Department of Economics is the oldest and largest economics department among all the public sector universities of Balochistan.

M.Sc Economics Morning

Objectives, Aims and learning outcomes.

1. Development of sound Theoretical knowledge of the subject.
2. Application of economic theories and enhancing problem solving ability.
3. Coverage of new areas of specialization, as per market demand.
4. Preparation for advanced studies leading to M.Phil and PhD.
5. To provide qualified and focused professionals in the field of economics to meet the future needs of public and private sectors and research institutes.
6. To prepare researchers to meet the needs of the public and private sectors research organizations.

Job Opportunities / Marketability Of Graduates

1. Provincial & federal public sector departments; Planning & Development, Irrigation, Agriculture, Industries, Finance, Trade & Commerce
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. Private Sector Organizations
4. Bilateral and Multilateral International Development Donor Organizations e.g. World Bank, UNDP, JICA, CIDA, etc.
5. NGOs (local, national and international)

Faculty

S. No.	Name	Designation	Qualification	Field of Specialization
1	Ms. Riffat Arshad	Assistant Professor Chairperson	MA (Economics) Ph.D. Scholar (Working on Dissertation)	Public Finance and Monetary Theory, Agriculture Economics international economics macro-economics
2	Dr. Syed Muhammad Arif	Associate Professor (Retired, on contract)	Ph.D	Development Economics, Agriculture Economic, Poverty Allevication
3	Dr. Jahangir Khan	Assistant Professor	Ph.D. (Economics)	International Economics
4	Mr. Naseeb Ullah Bazai	Assistant Professor	M.A.(Economics)	Agriculture Economics & Mathematical Economics.
5	Mr. Abdul Rehman (on study leave)	Lecturer	M.Sc.(Economics on Study Leave for PhD in London	Development Economic & Micro Economics
6	Ms. Tania Luni	Lecturer	M.Sc (Economics Master in Development economics from Australia	Micro and Mathematical Economics Development economics Econometrics
7	Ms. Nadia Khan	Lecturer	MA.(Economics) M.Phil Scholar working on thesis	Public Finance and Monetary Theory, Development Economics
8	Ms. Bushra Wazir	Lecturer	M.Sc.(Economics) study leave availing full bright scholarship Doing her Masters in econometrics	Statistics and basic econometrics International Economics
9	Mr. Arbab Muhammad Jahandad	Lecturer	M.A (Economics) M.Phil Scholar	Mathemetical Economics and Micro Economics.
10	Mr. Gohar Khan	Lecturer	M.Sc (Economics)	Macro Economics.
11	Mr. Ayaz Khan	Lecturer	M.A (Economics) M.E.S course work completed	Econometrics International trade
12	Mr. Asmat Khan	Lecturer	M.A (Economics) on Study Leave for M.Phil from PIDE Islamabad	Micro Economics Statistics Development economics

Programs of Study

1. M.Sc Morning/Evening (For regular candidates)
2. M.Phil / Ph.D
3. M.A (Private)

Description of Courses

M.A (Previous)

Paper	Title	Marks
I	Micro Economic Theory	100
II	Mathematical Economics.	100
III	Statistics for economists.	100
IV	Econometrics 1.	100
V	Functional English	50

M.A (Final)

VI	Macro Economic Theory	100
VII	International Economics.	100
VIII	Development Economics	100
IX	Public Finance and Monetary Economics	100
X	Econometrics II	100
XI	Research papaer & presentation	100
Total Marks		<u>1050</u>

M.Sc self finance Evening Program.

It is a replica program of M.Sc economics (Morning) for students who cannot join the Morning Program. This is a self supporting program, admission criteria, course outline and the examination system are the same as for M.Sc economics (Morning). The same rules that apply to M.Sc economics (Morning) program will be applicable to M.Sc Evening. Except for the following.

1. Hostel facility is not available for the students of M.Sc economics evening.
2. No medical facility as these are non resident students.

M.A Economics For Private Candidates

M.A dor private candidates will continue with same (previous) courses.

M.A Economics (Previous)

Paper	Title	Marks
I	Micro economic theory	100
II	Mathematical Economics	100
III	Statistics for Economics	100
IV	Agricultural Economics	100
V	Functional English	50
Total		450

M.A Final

VI	Macro Economics	100
VII	International Economics	100
VIII	Development Economics	100
IX	Public Finance & Monetary Theory	100
X	Human Resource Development	100

Total= 500

Eligibility Criteria for Admission

(for Regular Candidates) B.A with Economics or B.Com

(for Private Candidates) Economics with Statistics or Mathematics in B.A or B.Com.

Facilities

Prof: Shukrullah Memorial Library:

The departmental library is managed by a qualified librarian and has 700 books 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.

Computer Laboratory:

The computer facility is available for research activities and for study econometrics.

Qualified Faculty:

Department of economics equipped with highly qualified and experienced faculty members.

M.Phil / Ph.D Programme in Economics

M.Phil program has been approved in economics and will be initiated soon in the department. / PhD program is also in practice with few limitations for old Registered Scholars.

DEPARTMENT OF COMPUTER SCIENCES AND INFORMATION TECHNOLOGY

1. Introduction

- 1.1. The invention of microprocessor started influencing every facet of life in the 1970's. With the birth of personal computers its use has become very common. A post graduate diploma was started with the raise of a computer section in the department of physics in 1948.
- 1.2. This section became the Department of Computer Science in early 90's.
- 1.3. The Department has started teaching Master in Computer Science (MCS) classes since 2001 and BS(CS) and BS(IT) since 2002.

2. Objectives

- 2.1. To produce qualified professionals in the field of CS and IT.
- 2.2. To inculcate an academic culture aimed at professional grooming and creative thinking.

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.

4. Faculty

S.No.	Name	Designation	Qualification	Field of Specialization
1	Mr. Muhammad Khalid Badini	Lecturer / Chairperson	MCS. MS	Operating System and Web Programming & DBMS
2	Dr. Altaf Hussain Bouk	Professor (HEC Approved PhD Supervisor)	Ph.D.(University of Parma, Italy) B.Sc (Hons) & Msc	Optical Fiber Telecom, System Networks
3	Mr. Syed Amjad Hussain Jafri	Assistant Professor	M.Sc. (CS) M.Sc (Statistics)	Automata Theory, Data Structure and Programming Languages
4	Dr. Atiq Ahmed	Asst: Professor (HEC Approved PhD Supervisor)	Ph.D (France) MS (France) MCS	Wireless Networks, Telecom System, Multiagent Systems, AI
5	Dr. Uzma Mukhtar	Assistant Professor	Ph.D (Thailand M.Com, MBA	HRM, Financial Management

S.No.	Name	Designation	Qualification	Field of Specialization
6	Syed Muhammad Zubair	Assistant Professor	BS(CS), MS	JAVA
7	Dr. Ihsan Ullah	Lecturer	PhD (France)	Computer Networks
8	Mr. Muhammad Shumail Naveed	Lecturer	BCS, MCS M.Phil	Computation Theory, Software Engineering
9	Mr. Irfan Baseer	Lecturer	B.E. (CE)	Computer Architecture
10	Mr. Liquat Ali	Lecturer	BCS,MCS,MS	DBMS, Data Mining
11	Mr. Zia ur Rehman	Lecturer	M.Sc (Applied Math), MCS	Computer Graphics & AI
12	Dr. Waheed Noor	Lecturer	PhD	DBMS, Data Mining, AI Machine Learning
13	Ms. Tayyaba Noreen	Lecturer	M.Com	Economics
14	Mr. Muhammad Raza	Lecturer	MCS	.NET
15	Mr. Jalaluddin Qureshi	Lecturer	B.E. (CE)	Data Structure
16	Mr. Anwer Ali Sanjrani	Lecturer	B.E. (CE), MBA	AI
17	Ms. Maheen Bakhtyar	Lecturer	BS (CS)	Development / DB
18	Ms. Shafaq Saira Malik	Lecturer	BCS, MCS	AI
19	Mr. Abdul Momin	Lecturer	BS (IT)	OOP / DB
20	Mr. Abdul Basit	Lecturer	MCS, MS	Software Engineering
21	Mr. Imran Ali	Lecturer	MCS	Software Engineering
22	Mr. Junaid Babar	Lecturer	BS (CS)	S.E / D.B

5. OTHER STAFF

01	Mr. Muhammad Sajid	Lab Instructor	MIT, M.Phil	DBMS
02	Mr. Muhammad Rehan	Lab Instructor	MCS	DBMS
03	Mr. Shafiq-ur-Rehman	Exam: Incharge	MCS	Program Language
04	Mr. Muhammad Zulfiqar	Lab Instructor	MCS	S.E / D.B

6. Programs of Study

- 6.1. **Morning Programme.** MCS (Master of Computer Science Two Year), B.S (Computer Science) & B.S (Information Technology) which is a four years degree programs.
- 6.2. **Evening Programme (Self Finance).** MCS (Master of Computer Science Two Years) MS (Master of Science) and short courses.
- 6.3. **Outline of Subjects.**

Both Morning & Evening programme's various courses are offered over a wide range of topics, including Algorithms development and analysis, Advanced Computer Architecture, Theory of Formal Languages, Theory of Computation, Design of Automation, Data Communication & Networking, Operating Systems, Software Engineering, Compute Graphics, Database Management Systems, Artificial Intelligence, Machine Learning. Apart from above programmes, various workshops, seminars and specialized professional courses are also organized to cover recent technological developments in hardware and software, and CASE (Computer Aided/Assisted Software/System Engineering) tools.

7. Description of Courses

7.1. MCS (Master of Computer Science)

- | | |
|----------------------------------|-----------------------------------|
| 7.1.1. Duration of Programme. | Two Year |
| 7.1.2. Number of Semesters. | Four (Two semester Per Year) |
| 7.1.3. Number of Courses. | Maximum Twelve courses every Year |
| 7.1.4. Credit hours per course. | Three Credit Hours per course |
| 7.1.5. Total Credit hours. | 72 |
| 7.1.6. Total number of Course. | 24 |
| 7.1.7. Number of available Seats | 70 |

7.1.8. The course instructions include lectures, tutorials and laboratory work. The course material taught at Master's level in first year is intended to give a comprehensive grounding as conversion course to the graduates with little knowledge of Computer Science although the graduate are required to have some previous experience of programmimg. Graduates with a strong mathematics background are most likely to obtain maximum benefit from the courses.

7.1.8. During the second year of Master,s programme, courses are offered to the students along with a project study. The choice of optional courses and projects available to a student depends upon the schedule of lectures and availability of the faculty.

8. Eligibility Criteria for Admission

8.1. MCS.

Candidate must have passed the BSc./B.Com./BCS/BE with minimum 45% marks.

9. FEE STRUCTURE

MCS (Regular Morning) Two year Program

S.No	Details	Amount Rs.
1	Admission Fee	700/-
2	Tuition Fee	9600/-
3	I.D Card	50/-
4	Student Culture Activities	150/-
5	Sports Fee	400/-
6	Transport Fee	700/-
7	Computer Laboratory Fee	900/-
8	Departmental Hardware Fee	3500/-
9	Library Fee	300/-
10	Library Security (Refundable)	2000/-
11	Examination Fee	3000/-
	Total	21,300/-

MCS (Regular Morning) Two year Program 3rd & 4th Semester (Final Year)

S.No	Details	Amount Rs.
1	Admission Fee	700/-
2	Tuition Fee	9600/-
3	I.D Card	50/-
4	Student Culture Activities	150/-
5	Sports Fee	400/-
6	Transport Fee	700/-
7	Computer Laboratory Fee	900/-
8	Departmental Hardware Fee	---
9	Library Fee	300/-
10	Library Security (Refundable)	---
11	Examination Fee for Two Semester	3000/-
	Total	15,800/-

MCS (Self Finance Evening) Two year Program

S.No	Details	Fee Break up	At the time of Admission	1st Semester	2nd Semester	3rd Semester	4th Semester
1	Admission Fee	2000/-	2000/-	-----	-----	-----	-----
2	Tuition Fee	60000/-	2500/-	12500/-	15000/-	15000/-	15000/-
3	Computer Lab	5000/-	5000/-	-----	-----	-----	-----
4	A.V. Equipment	3000/-	3000/-	-----	-----	-----	-----
5	Library Fee	100/-	100/-	-----	-----	-----	-----
6	I.D. Card Fee	50/-	50/-	-----	-----	-----	-----
7	Security Fee (Refundable)	5000/-	5000/-	-----	-----	-----	-----
8	Examination Fee	12000/-	-----	3000/-	3000/-	3000/-	3000/-
9	DMC/Provincial	400/-	400/-	-----	-----	-----	-----
	Total Rupees	87,550/-	18,050/-	15,500/-	18,000/-	18,000/-	18,000/-
10	Application Form	750/-	-----	-----	-----	-----	-----
11	Re-Admission Fee	2000/-	-----	-----	-----	-----	-----
12	Registration Fee	500/-	-----	-----	-----	-----	-----

GRADING SYSTEM

Course without Lab

Course with Lab

Typical marks breakup is as follows:

Monthly Exams/Midterm	30%	20%
Final Examination	40%	40%
Quizzes/Class participation	15%	5%
Assignments/Projects/Reports	15%	10%
Practicals / Projects	-----	25%

Grades are assigned in the following manner

Marks	Grade	Grade Points
85--100	A	4.0
80--84	A-	3.40--3.90
75--79	B+	3.10--3.30
70--74	B	2.80--3.00
65--69	B-	2.40--2.70
61--64	C+	2.10--2.30
58--60	C	1.80--2.00
55--57	C-	1.50--1.70
50--54	D	1.00--1.40
>50	Fail	

ATTENDANCE, STRUCK OFF AND READMISSION

- ∞ Students shall have to be punctual and regular to attend all lectures/seminars, laboratory periods, and fieldwork as required for each course during the semester session. A student shall be eligible to appear in the terminal examination provided that he has attended not less than 75% (cumulative) of lectures/seminars delivered in all theory courses. He has to complete 75% attendance in the laboratory/field work for grading of laboratory/field work course.
- ∞ The name of a student will be struck off if his monthly attendance is less than 25%.
- ∞ The student will have to get himself/herself readmitted within one week with fee Rs.500/- and within further three (03) days with fee Rs.1000/-. On failure of readmission his admission shall stand cancelled.
- ∞ There will be at the most three chances for readmission for a four years program and two chances for a two years program. A student readmitted 3/2 times during the session of study program shall not be allowed a further readmission and his/her admission shall stand cancelled.
- ∞ A student seeking readmission shall not be exempted from the payment of readmission fee.
- ∞ A student will not be allowed to sit for terminal examination of any semester unless he has no outstanding dues for the said semester. Accounts Branch of the University will issue a clearance certificate in this regard.

ACADEMIC STANDARDS AND COMPUTATION OF GRADES

- ∞ To earn course credits, a student must obtain a minimum of 2.00 grade points in that course.
- ∞ A student must obtain a minimum CGPA of 2.25 for award of a Degree in Grade D.
- ∞ A grade F will be awarded to a student in a course for not achieving the desired competence. The student will have to reappear in all assignments, quizzes, mid-term and terminal examinations when offered subsequently. No special classes will be conducted by the Department for such students.

PRE-REQUISITES TO PROMOTION (GPA REQUIREMENT)

- ∞ A student must maintain GPA of 2.00 on a cumulative basis during his/her academic program any student with a GPA less than 1.50 will be dropped from the rolls of the University forthwith.
- ∞ A student securing a GPA between 1.50 and 2.00 will be put on probation for one semester.
- ∞ At the end of semester, student will be required to improve his/ her GPA and bring it up to the required minimum of 2.00.
- ∞ If a probationer shows an improvement, but his GPA is still below 2.00 his/ her probation may be extended for another semester.
- ∞ If he/ she still fail to bring his/ her GPA to 2.00 by the end of the next semester he/ she will be dropped from the rolls of the University.
- ∞ If a student fails to pass certain courses and yet manages to maintain his/ her GPA equal to or above 2.00 he/she will be allowed to repeat and clear the course(s) or substitute (s) (wherever permissible) before the degree is awarded to him/ her.
- ∞ GPA is computed at the end of each semester.

FACILITIES

Departmental Library:

The departmental library has over 1500 books covering a wide range of disciplines in computer science & information technology for teaching and research purpose.

Internet Facility:

The internet facility is also available in all Computer Labs & Teaching Offices. A large number of research journals are also available on Digital Library provided by HEC and research articles of interest can also be downloaded.

The Department has five well equipped labs (fully air-conditioned with 120 on line workstations)

Computer Lab

Name	Equipment / Facilities	Location
LAB 1	30 Pentium IV and dual core PCs, Multimedia Projector, Server, LAN, all time Internet connectivity	Computer Science
LAB 2	30 Pentium IV and dual core PCs, Multimedia Projector, Server (Dual Processor Xeon), LAN, all time internet connectivity.	Computer Science
LAB 3	30 Pentium IV and dual core PCs, Multimedia Projector, Server (Dual Processor Xeon), LAN, all time internet connectivity.	Computer Science
LAB 4	30 Pentium IV and dual core PCs, Multimedia Projector, Server (Dual Processor Xeon), LAN, all time internet connectivity.	Computer Science
Hardware LAB	20 Pentium IV PCs	Computer Science

MASTERS IN COMPUTER SCIENCE				
SEMESTER 1				
Course Code	Course Name	Credit Hours	Theory	Lab
EG 401	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 404	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	1
	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) . The Comprehensive Exam of MCS (Regular / Self Finance) include following subjects.

- CS-401 Fundamentals of Algorithms
- CS-408/417 Software Engineering-I & II
- CS-410 Computer Organization and A. Language
- CS-407 Principles of Operating Systems
- CS-404 Theory of Automata
- CS-405 Data Structure
- CS-412 Advance of Programming Languages
- CS-414 Artificial Intelligence Principles
- CS-406 Compiler Construction
- CS-413 Computer Graphics
- IT-416 Computer Communication & Networks

Comprehensive Examination Fee Rs. 2250/-

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. Shahnawaz Khan	Assistant Professor / Chairperson	MLS & MA Economics	Academic Libraries, Bibliography.
2	Mr. Rehmatullah Khan Baloch	Assistant Professor	MLS & MA Economics	Classification, Reference & Library Philosophy.
3	Mr. Muhammad Ilyas	Assistant Professor	M.Phil in MLIS	Copyright, Classification
4	Mr. Muhammad Tahir	Lecturer	MLS & MA Archeology	History of Libraries, Archeology, Information Science

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

(Note: This paper includes three options, the student has to opt. any one)

a.	Information Sources of Science & Technology.	80	20	100
b.	Information Sources of Humanities and Social Science	80	20	100
c.	Information Sources of Islam & Pakistan.	80	20	100

VII. (Note: The student has to opt any one from the following)

1.	Pubic Records, Rare and Archival. Material presentation.	80	20	100
2.	Communication and Media Librarianship.	80	20	100
3.	Serial Management.	80	20	100
4.	Advanced Management Techniques & Operations.	80	20	100
5.	Management Information Systems (MIS)	80	20	100
6.	Special Libraries	80	20	100
7.	Health & Medical Science Libraries.	80	20	100
8.	School Library media center.	80	20	100
9.	Academic Libraries.	80	20	100
10.	Public Libraries and Library Legislation.	80	20	100
11.	Law Libraries.	80	20	100
12.	Agriculture Libraries.	80	20	100
13.	Marketing of Library Information Services	80	20	100
14.	Thesis and Viva Voce.			100

7. Eligibility criteria for Admission

7.1 B.A / B.Sc / B.Com

8 .Facilities

- 8.1 **Departmental library.** The departmental library contains 1047 books/Maps and 285 theses for the learning, teaching and research purposes.
- 8.2 **Computer / Internet.** A Computer lab of 10 Pentium IV with Internet facility is available as a requirement of Practical work to meet the objectives of new curricula as well as promoting research activities.
- 8.3 **Multimedia / over head projector.** Multimedia and over head projectors are available for lectures and research paper Presentations.

Reserved Seats

03 seats for working librarian / library personnel of Balochistan are reserved other than the seats reserved for categories "B" & "C" as mentioned in the prospectus of University of Balochistan,Quetta.

Future Plans

The department has the great aspiration to start the BS-4 year and M. Phil & Ph.D. programmes provided to get the required faculty and facilities in the department.

Faculty of Life Sciences

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





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 revolution. 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.

S.No	Name	Designation	Qualification	Field of Specialization
1	Dr. Masoom Yasinzai (On EoL)	Professor	Ph.D (UK)	Biochemistry
2	Dr. M. Anwer Panazai	Professor	Ph.D (UoB)	Biochemistry
3	Dr. Muhammad Azam (On EoL)	Associ: Professor	Ph.D (UK)	Polymers Science
4	Mr. Zahid Mehmood	Assistant Professor Director	M.Phil (UoB)	Biochemistry
5	Mr. Khalid Mehmood (On S.L)	Assistant Professor	M.Phil (UoB)	Biochemistry
6	Dr. Ashif Sajjad	Assistant Professor	Ph.D (Italy)	Biochemistry
7	Dr. Dildar Ali	Assistant Professor	Ph.D (KU)	Organic Chemistry
8	Mr. Muhammad Ayub	Assistant Professor	Ph.D. (UoB)	Molecular Biology/Biochemistry
9	Mr. M. Sharif Jamali	Lecturer	M.Sc.(QAU)	Biochemistry
10	Mr. Muhammad Hashim Jan	Lecturer	M.Sc.(UoB)	Biochemistry
11	Mr. Noor Hassan	Lecturer (S.L)	M.Sc. (UOB)	Biochemistry
12	Ms. Samira Khaliq	Lecturer (S.L)	M.Sc.(UOB)	Biochemistry
13	Ms. Shahida Hussain	Lecturer (S.L)	M.Sc. (QAU)	Biochemistry
14	Mr. Sharif Hasni	Lecturer (S.L)	MS. Sweden	Biochemistry
15	Mr. Zia ur Rehman	Lecturer (S.L)	MS (AIT)	Biochemistry
16	Mr. Imran Ali	Lecturer (S.L)	MS (AIT)	Biochemistry
17	Mrs. Pari Gul	Lecturer (S.L)	M.Sc. (UoB)	Biochemistry
18	Mr. Aamir Rasool	Lecturer (S.L)	M.Sc.(KU)	Biochemistry

5. Programs of Study

5.1. M.Sc. Biochemistry

5.1. Two years program under the annual system.

5.2. M.Sc Program of Studies

5.2.1. M.Sc Previous

5.2.1 Biochemistry (Paper I)

5.2.1.1 Introduction to Biochemistry

5.2.1.2 Similarities of Eukaryotic & Prokaryotic cells.

5.2.1.3 Chemistry & Biological function of Biomolecules.

5.2.1.4 Biological fluids.

5.2.1.5 Enzymes.

5.2.1.6 Metabolism

5.2.1.7 Nutrition Principle of Nutrition

5.3.1 Bio-Organic (Paper II)

5.3.1.1 Introduction to general Organic Chemistry

5.3.1.2 Chemistry of Carbohydrates.

5.3.1.3 Chemistry of amino acids.

5.3.1.4 Chemistry of nucleotides, nucleosides and their polymers.

5.3.1.5 Chemistry of lipids.

5.3.1.6 Biodegradable polymers.

- 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 Electrochemical techniques.
- 5.4.1.5 Radiochemical methods.
- 5.4.1.6 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.**

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)

7. M.Phil & Ph.D in Biochemistry & Biotechnology

M.Phil / Ph.D. in Bio-chemistry are announced every year in September. Now the entry to M.Phil / Ph.D. Program is through NTS qualifying Exam. M.Phil degree program comprises of two semester course work of 24 credit hours and 6 credit hours of research / dissertation and Seminar. Ph.D course has been designed in the line with International GRE course to cover 18 credit hours in total. Each course is of 3 credit hours and it spreads on two semester. Institute of Biochemistry runs regular classes of M.Phil / Ph.D 1st 2nd semester in the evening.

7.2.1. First Year

7.2.1.1. Semester-1

Course 1	Chemistry of Biomolecules	3 Cr. hrs.
Course 2	Membrane Biochemistry.	3 Cr. hrs
Course 3	Recombine net DNA technology.	3 Cr. hrs
Course 3	Metabolism. (Optional)	3 Cr. hrs
	Total Cr.hrs.	12 Cr. Hrs

7.1.1.2. Semester-2

Course 1	Bioanalytical techniques.	3 Cr. hrs
Course 2	Spectroscopy (Optional)	3 Cr. hrs
Course 2	Advanced cell biology	3 Cr hrs
Course 3	Optional paper (Optional)	3 Cr hrs
	Total Cr.hrs.	12 Cr. Hrs

7.2.2. Second Year

7.2.2.1	Semester III & IV	
7.2.2.2.	Seminar I	
7.2.2.3.	Seminar II	
7.2.2.4.	Dissertation/ Research	6 Cr hrs

7.3. Ph.D. Program of studies

7.3.1 First Year

7.3.1.1 Semester-I

Course I	Biochemistry-I	3Cr. hrs
	A. Chemical & Physical Foundations. B. Biomolecules: Structure, Assembly. Methodology	
Course II	Cellular Biology	3CR. hrs
	A. Cellular Compartments of Prokaryotes & Eukaryotes. B.Cell Surface & Communication. C.Cytoskeleton, Motility & Shape.	
Course III	Molecular Biology & Genetics	Optional 3 Cr. hrs
	A. Genetic Foundations B. Chromatin & Chromosomes, Methadology.	
	Total Cr. hrs. 09.Cr.hrs.	

7.3.2. Second Year

Course IV.	Advanced Molecular Biology	3 Cr. hrs
	A. Genomics. B.Genome Maintenance C. Gene Expression	

- D. Gene Regulation in Eukaryotes.
E. Bacteriophage & Animal & Plant Viruses.

Course V. Protein Chemistry **3 Cr. hrs**
A. Protein Synthetic & Processing
B. Cell Division, Differentiation & Development

Course VI Protein Chemistry.
Protein Synthetic & Processing.

Course VII. Biochemistry-II **Optional** **3 Cr. hrs**
A. Major Metabolic Pathways
B. Bioenergetics (including respiration and photosynthesis)
C. Regulation and Integration of Metabolism
D. Catalysis and Binding

Total Cr. hrs. 09. Cr. Hrs

7.4 Second Year

- 7.4.1 Semester III & IV
7.4.2 Seminar - I
7.4.3 Seminar-II
7.4.4 Seminar-III
7.4.5 Dissertation / Research

8. Eligibility Criteria for Admission

- 8.1. **M.Sc. (2 years)**
8.1.1. B.Sc. (With Chemistry & Biology Second Division)
8.2. **M.Phil/Ph.D**
8.2.1.1. For M.Phil, M.Sc and for PhD M.Phil/MS in a Chemical/Biological Science Subjects, along with NTS qualifying exams.

9. Number of Seats Available

- 9.1.1. The Total number of seats in each program of study including all categories of reserved seats shall be 35 (thirty five). The distribution of seats in each department is as under:-

9.1.2 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

9.1.3 Personnel Serving in Balochistan - Category "B" **02**
(Non-Local & Non Domicile) Daughter/Son/spouse

9.1.4 University Employees/Nominees of AJK, Armed Forces/ Northern Areas/FATA and Federal School/ Reserved Seats for Disabled - Category "C" **03**
Daughter/Son/Spouse

Total Seats **35**

Category “C” applicants will submit their application forms to the Assistant Registrar (Students Affairs) by the date attached with the required documents and an affidavit

10. Facilities.

- 10.1. Well-equipped, purpose built laboratories. Major equipments in the Institute include, High Performance liquid Chromatography(HPLC); Gas Liquid Chromatography (GLC); Scintillation Counter; Electrophoresis Units; Centrifuges; Spectrophotometers; Furnaces; Autoclaves; Laminar Flow hoods etc etc.
 - 10.1.1. **Internet Facility.** Internet net facility is available in the laboratories.
 - 10.1.2. **Computer Laboratory.** A Computer laboratory equipped with 25 Pentium 4 units connected to the inter net is available.
 - 10.1.3. **Teaching labs.** 3 well equipped and modern scientific labs along with supporting staff are available for conducting practicals for MSc and BS programme.
 - 10.1.4. **Research Labs.** 4 newly constructed labs with all modern facilities and a Central lab with many modern and up to date research facilities are available for M.Phil / Ph.D research.
 - 10.1.5. **Departmental Library.** A newly constructed departmental library with approximately 3000 books and scientific journals is available for the students.

11. Achievements

- 11.1. Our excellence in both teaching & research has been recognized by the quality assurance & the research assessment exercise by the Pakistan Council for Science & Technology.

12. Future Plans

- 12.1. The Institute has already envisioned its 2020 plan whereby this Institute will be strengthened and equipped so that it turns into a full fledged School of Biological Sciences with established setups for:
 - 12.1.1. Biochemistry & Molecular Biology
 - 12.1.2. Biotechnology and Bio-informatics
 - 12.1.3. Biochemical Parasitology
 - 12.1.4. Drugs Development
 - 12.1.5. Clinical Biochemistry.
 - 12.1.6. To achieve this we have already embarked upon the strengthening of our faculty and the in-service training of our teachers.

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 / agriculture.
- 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 and Research Institutes
- 3.2. Pharmaceutical Industry and Fertilizer 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. Rasool Bakhsh Tareen	Professor (TTS)/Dean Life Sciences	Ph.D	Plant Taxonomy & Systematics
2	Dr. A.K.K. Achakzai	Professor (TTS)/Chairperson	Ph.D	Plant Physiology & Biochemistry
3	Dr. Atta M. Sarangzi	Associate Professor	Ph.D	Plant Ecology
4	Dr. Saeed-ur-Rehman	Associate Professor	Ph.D	Taxonomy & Environmental Biology
5	Mrs. Gul Bano	Assistant Professor	M.Phil	Genetics
6	Dr. Ghazala Shaheen	Assistant Professor	Ph.D	Anatomy & Economic Botany

S.No.	Name	Designation	Qualification	Specialization
7	Mr. Zahoor Ahmed Bazai	Assistant Professor & Director FTDC	M.Phil	Environmental Biology.
8	Dr. M. Younas Khan Barozai	Assistant Professor (TTS)	Ph.D	Genetics & Molecular Biology
9	Mr. Sadullah Laghari	Assistant Professor	M.Phil	Pollution Ecology & Research Methodology
10	Ms. Shamim Gul	Lecturer	Ph.D	Plant & Environment Interactions
11	Mrs. Basra Sher	Lecturer	M.Sc.	Mycology & Pathology
12	Ms. Ayeesha Masood	Lecturer	M.Sc.	Biochemistry/Biometry
13	Ms. Shazia Saeed	Lecturer	M.Sc.	Plant Phycology
14	Ms. Kanval Shaukat	Lecturer	M.Sc.	Biostatistics
15	Ms. Shaista Anjum	Lecturer	M.Phil	Bacteriology & Virology
16	Mrs. Bakht Zareen (on Contract)	Herbarium Keeper	M.Sc.	Plant Taxonomy
17	Mr. Ghous Bakhsh (on Contract)	Research Officer	M.Sc.	Plant Tissue Culture
18	Mr. Tariq Ismail (on Contract)	Research Officer	M.Sc.	Plant Tissue Culture

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. previous (1st year) are compulsory, whereas four courses are compulsory in M.Sc. final year. However, 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, Advance Genetics, Molecular Biology, Economic Botany, Introductory Bioinformatics and Genomics, Applied Ecology (Dendrochronology) and Soil Ecology etc.

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 of final year will opt only one of the following courses) i.e. Plant Physiology, Ecophysiology, Plant Biochemistry, Advance Phycology, Advance Ecology, Advance Taxonomy, Advance Genetics, Molecular Biology, Economic Botany, Introductory Bioinformatics and Genomics, Applied Ecology (Dendrochronology) and Plant Soil System & Environment etc.	75	25

6.4. M.Phil/PhD Course Work:

A candidate seeking admission in M.Phil/PhD needs to complete a minimum of 30 credit hours for M.Phil and 38 for PhD. Twenty four (24) credit hours will be reserved for course work of M.Phil and eighteen (18) for PhD. Whereas six (06) and twenty (20) credit hours are fixed for research work and thesis of M.Phil and PhD programs respectively. The core courses of fifteen (15) and twelve (12) credit hours are mandatory for all scholars seeking admission in M.Phil/PhD respectively. However, the Department offers the following courses for M.Phil/PhD scholars:-

Natural Resources Management & Land Evaluation, Introduction to Biotechnology, Advances in Molecular Biology, Bioinformatics, Recombinant DNA Technology, Agro-Economic Botany, Air Pollution & Air Quality Management, Advances in Genomics & Proteomics, Biodiversity & Conservation, Plant-Soil System & Environment etc.

7. Eligibility Criteria for Admission

7.1. M.Sc.

7.1.1. Passed B.Sc. with Botany

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

7.2. M.Phil/PhD.

For detail read the “Statues and Regulations Governing the M.Phil & PhD Programs” which can be obtained from the office of the registrar, University of Balochistan, Quetta.

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 Anatomy, Biochemistry, Ecology, Economic Botany, Environmental Biology, Molecular Biology, Phycology, Physiology and Taxonomy. Departmental Library has a large number of text and reference books and some back issues of various Journals of national and international repute.

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

- 8.1.2. **Research Laboratories.** Nine 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. **Plant Tissue Culture Technology Laboratory.** It deals with the mass production of plants, under aseptic environment employing artificial growing conditions in glass (*In-vitro*). This important technology is based on the principle that production of genetically modified plant is only possible if the target species have a successful and efficient regeneration system. The success of modern Plant Biotechnology is attributed to this very important technique, which plays an important role in *in-vitro* propagation of disease free plants and multiplying with unmatched speed of endangered species as well as species of difficult to regenerate.
- 8.1.4. **Sophisticated Equipments.** Atomic Absorption Spectrometer, Environmental Chamber, High Performance Liquid Chromatography (HPLC), Electrophoresis, Thermal Cycler, U.V-Vis. Spectrophotometer, Biophotometer, Germinators, Weather Monitoring Station, Flame Photometer.
- 8.1.5. **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 and faculty.
- 8.1.6. **Departmental Library.** The Departmental Library is managed by a qualified librarian and has over 1300 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.
- 8.1.7. **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 (HEC) and research article of interest can also be down loaded.

DEPARTMENT OF MICROBIOLOGY

1. Introduction

- 1.1. Microbiology is the study of microorganisms; include Bacteria, Fungi, Viruses, and Protozoa etc.(both useful and harmful for human beings Plants and fish etc) through applying different scientific technique/s, microorganisms and microbial enzymes can be used in industrial processes to carry out reactions that are not economically feasible by chemical means. Microbiology offers the possibility of major improvements in the way medicines are developed and manufactured.
- 1.2. Microbiologists are employed principally in health care (animal and Human beings), fine chemicals, brewing & distilling, food and food related industries, where they are involved in research and development, in process design & control, in management and in quality control. Therefore, various disciplines of Microbiology are prime choice of men and women, mainly because of its laboratory-based activities.
- 1.3. The Department of Microbiology was established in May 2006 and is aimed at the production of marketable and qualified product capable of finding solution / remedies against prevalent and new emerging diseases, production of different vaccines and preservation of different foods etc. through research and development.

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 Microbiology to meet the future needs of educational institutes and/or industries..
- 2.3. To prepare researchers to meet the needs of industry and research organizations, science and technology.
- 2.4. To develop the department as a nursery for the advanced level degree program at other institutions particularly in the province of Balochistan.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Food packaging and processing industry
- 3.2. Quality control operations of safe drinking water
- 3.3. Public Health Institutions
- 3.4. Pharmaceutical Industry
- 3.5. Diagnostic Laboratory Technicians / Experts
- 3.6. Biological production industry
- 3.7. Biotechnological interventions in environmental sciences like Bioremediation

4. Faculty

4.1 The details of faculty members is as under:

S.No.	Name	Designation	Qualification	Field of Specialization
1	Mr. M. Alam Mengal	Assistant Professor / Chairperson	M.Sc.	Nutrition Nutrition General Medicine
2	Mr. Kifayatullah	Lecturer	M.Phil	Microbiology
3	Mr. M. Khanzeb	Lecturer	M.Sc.	Biochemistry

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-chemsitry 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 (BPS-21)	Ph.D	Parasitology / Entomology
2	Mrs. Rehana Mushtaq	Assistant Professor	PhD	Biochemistry
3	Dr. M. Iqbal Yasinzai	Associate Professor	Ph.D	Entomology / Parasitology
4	Dr. Asim Iqbal	Assistant Professor	Ph.D	Entomology / Immunology
5	Mr. Shahbuddin	Assistant Professor	M.Phil	Parasitology
6	Mr. Zahoor Ahmed	Lecturer	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	Mrs. Umbreen Shaheen	Lecturer(on S.leave)	M.Sc.	Parasitology
11	Mr. Saeed Ahmed	Lecturer	M.Sc.	Entomology
12	Ms. Tahsen Ara	Lecturer (on Deputation)	M.Sc.	Entomology
13	Mr. Kashif Kamran	Museum Curator	M.Sc.	Animal Science
14	Ms. Ayesha Mehrab	Lecturer (Visiting)	M.Sc.	Fisheries
15	Mir Chakar Baloch	Lecturer (Visiting)	M.Sc.	Fisheries

5. Programs of Study

- 5.1. M.Sc 02 years duration (Annual System) Morning (Regular Classes) / Evening (Self Finance, approved by Academic council in its meeting held on 17 + 18 July 2012.
- 5.2. M.Phil 02 years duration (Term System) one term = 6 months.
- 5.3. Ph.D. 02-05 years as a regular student (Term System)

6. Description of Courses

6.1.	M.Sc Zoology (Previous)	Theory	Practical	Marks
I.	Cell Biology and Biochemistry	75	25	100
II.	Animal Diversity and Wild Life	75	25	100
III.	Physiology and Animal Behavior	75	25	100
IV.	Genetics and Biostatistics	75	25	100
V.	Environmental Biology	75	25	100
VI.	Development Biology	75	25	100
VII.	Functional English	-	-	50

6.1.	M.Sc Zoology (Final)	Theory	Prac.	Marks
XII.	Economic Zoology	75	25	100
XIII.	Insects of Medical and Veterinary Importance	75	25	100
X.	Special Paper A	75	25	100
XI.	Special Paper B	75	25	100
IX.	Zoo-Geography and Paleontology	75	25	100
VIII.	Evolution and Principles of Systematic Zoology	75	25	100
XIV.	Research and Presentation	-	-	100

Detail of special Paper A and Special Paper B

a. Parasitology A (Principals of Parasitology)

Parasitology B (Animal parasitology (Protozoology, Helminthology, veterinary & Medical entomology)

b. Entomology A (Morphology and Physiology & Social Behaviour of Insects)

Entomology B (Insects classification, pest control & Management)

c. Fisheries A (Fish Morphology & Eco-physiology)

Fisheries B (Aquaculture & Fisheries)

All courses in M.Sc. (previous) are compulsory, while specialization is offered in M.Sc. (final) in the above mentioned disciplines.

7. Eligibility Criteria for Admission

- 7.1. For M.Sc: Bachelor in Science with Zoology + Chemistry
- 7.2. For M.Phil: M.Sc Ist division / GAT(NTS) General.
- 7.3. For PhD: M.Phil with 3.0 CGP for Semester System and GAT subjective / for term system Ist division with GAT subjective.

8. Facilities

- 8.1. **Computer Laboratory** An air conditioned computer lab, for the student is established, comprising 24 computers along with printers and internet connectivity.
- 8.2. **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.
- 8.3. **Zoology Museum** Full fledge wide range of collection including stuffed animals and preserved animals for various respective courses are arranged.
- 8.4. All basic biological research facilities are available including Central Lab of Faculty of life Sciences.

Faculty of Earth and Environmental Sciences

Department of Geology
Department of Geography





DEPARTMENT OF GEOLOGY

1. 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.

2. 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 Kasi	Meritorious Professor and Dean	Ph.D UK	Igneous & Matamorphic
3	Dr. Mehrab Khan Baloch	Professor	Ph.D UoB	Igneous & Matamorphic
4	Dr. Abdul Tawab Khan	Professor/ Acting Dean Student Affairs	Ph.D.	Ingenuous Petrology
5	Mr. Muhammad Ayub Baloch	Asst. Professor	M.Phil	Petroleum Geology
6	Mr. Din Mohammad Kakar	Asst. Professor	M.Phil	Sedimentology

7	Mr. Nasir Karim	Asst. Professor	M.Sc UoB	Sedimentology
8	Mr. Rahim Jan	Asst. Professor	M.Phil UoB	Sedimentology
9	Dr. Mohibullah	Lecturer	Ph.D UK	Biostratigraphy
10	Mr. Rahim ud din Tareen	Lecturer	M.Sc UoB	Petroleum Geology
11	Mr. Tahir Iqbal	Lecturer	M.Sc UoB	Hydro-Geology
12	Ms. Khadija Nadimi	Lecturer (Study Leave)	M.Sc QUI	Geophysics
13	Ms. Shazia Fareed	Lecturer (Adhoc)	M.Sc UoB	Physics
14	Ms. Nazima Yousaf	Lecturer (Adhoc)	M.Sc SBKWU	Chemistry
15	Mr. Aminullah	Museum Curator	M.Sc UoB	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
VIII	Field Work, Report and Viva Voce (Fieldwork is compulsory)	100
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 mheights 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

Geography deals with the formulation of the laws governing the spatial distribution of various phenomena both in Physical and Human environments. It aims to interpret that how environment shape human activities and vice versa. The major essence of Geography is to explain and map the terrestrial processes at various scales on the surface of the earth from place to place. It means that the main focus is to interpret the locational or spatial variations at earth's surface and simultaneously seeks the reasons behind the patterns and processes of human built and natural environment. The contemporary Geography has become highly dynamic and integrated subject that encompasses various new disciplines, techniques like KIS, RS and computer based cartography. Geography has three basic disciplines including Physical Geography, Cultural/Human Geography and Practical Geography.

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. Keeping in view the available teaching and research resources now the department is going to initiate the M.Phil and PhD 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.
- 3.15. Rural Development & Local Government

4. Faculty

S.No	Name	Designation	Qualification	Field of specialization
1	Dr. Ifthkhar Ahmed	Assistant Professor & Chairman	M.Sc (Peshawar, M.S (COMSAT Islamabad), PhD (China)	M.Sc (Physical Geography), MS (Meteorology), PhD (Climate variability).
2	Dr. Muhammad Nawaz	Assistant Professor	M.Sc. Peshawar, PhD (Karachi)	M.Sc (Urban & Regional Planning), PhD (Climate variability).
3	Mr. Ahmed Saeed	Assistant Professor	M.Sc. Peshawar	M.Sc (Physical Geography), PhD in Progress (Agriculture & Environments Resource Management)
4	Mr. Taleem Badshah Khattak	Assistant Professor	M.Sc. Peshawar	Urban & Regional Planning
5	Mr. Romana Ambreen	Lecturer	M.Sc. Peshawar PhD (China)	M.Sc (Physical Geography), PhD (System & Global Change)
6	Mrs. Abida	Lecturer	M.Sc. Balochistan	M.Sc (Physical & Human Geography), Regional Planning
7	Dr. Syed Ain ud Din	AP-TTS	M.Sc. Balochistan M.S & PhD	M.Sc (Human Geography), MS & PhD (Disaster Management)
8	Dr. Said Qasim	AP-TTS	M.Sc.Peshawar PhD Thailand	M.Sc (Physical Geography), MS & PhD (Natural Resource Management)
9	Mr. Sanaullah	Lecturer	M.Sc.	M.Sc (Human Geography), Currently on Study leave

5. Programs of Study

5.1. M.Sc.

5.1.1. 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 with two papers conditioned to the availability of staff and resources. Furthermore, the department has in process to approve curricula and registration of M.Phil/ MS. And Ph.Ds.

6. Description of Courses

6.1. M.Sc. PREVIOUS

6.1.1. Theory Papers

- 6.1.1.1. Functional English
- 6.1.1.2. Geomorphology
- 6.1.1.3. Climatology and Oceanography
- 6.1.1.4. Geography of Pakistan
- 6.1.1.5. Geography of Settlements
- 6.1.1.6. Economic geography

6.1.2. Practical

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

6.2. M.Sc. Final

- 6.2.1. Compulsory Theory Papers & Fieldwork Report/ Thesis Research
 - 6.2.1.1. Geographic Thought
 - 6.2.1.2. Population Geography/GIS and Remote Sensing
 - 6.2.1.3. Fieldwork Report/Thesis Research

Optional Papers

6.3.1. Physical Geography (Group-I)

- 6.3.1.1. Techniques in Geomorphology
- 6.3.1.2. Applied Geomorphology
- 6.3.1.3. Quaternary Geology

6.3.2. Area Planning (Group-II)

- 6.3.2.1. Regional Planning
- 6.3.2.2. Environmental Planning & Management / Urban Planning
- 6.3.2.3. Urban Planning
- 6.3.2.4. Environmental Impact Assessment

Practical

- 6.3.3.1.1. Quantitative Methods
- 6.3.3.1.2. Field Techniques
- 6.3.3.1.3. Advance Cartography
- 6.3.3.1.4. Geographic Information System & Remote Sensing

7. Field Research:

Field research is aimed to produce human resource (students) be skillful, technical and more professional in writing, analysis of data, interpretation and expertise in conversion of spatially located data into regional study.

8. Eligibility Criteria For Admission

- 8.1. B.A./B.Sc with Geography

9. Facilities

- 9.1. **Laboratories:** The department has the facilities of various laboratories like;
 - 9.1.1. GIS and RS Laboratory
 - 9.1.2. Cartographic Lab
 - 9.1.3. Geomorphologic Lab.(Combinedly use the Geology Department's Museum for identification of rock samples and other geomorphological purposes)
- 9.2. **Departmental Library:** The departmental library is managed by a qualified librarian and has a collection of books covering a wide range of disciplines in Geography. The existing library provides services to both students and professionals belonging to different environment related departments/institutions within and outside the campus.
- 9.3. **Internet facility:** The internet facility is available in the department. A large numbers of national and international journals is available on Digital Library provided by HEC. The downloading of these research articles of your interests is free of cost.

Faculty of Education and Humanities

Department of Education

Department of Gender Development Studies

Department of History

Department of Islamic Studies

Department of Media & Journalism

Department of Philosophy

Department of Psychology





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	Mr. Dost Muhammad Tareen,	Assistant Professor	M.Phil	EOL leave
2	Mrs. Amir Bano	Assistant Professor	M.Phil	Deputation
3	Mrs. Shireen Taj	Assistant Professor	M.Ed	Curriculum Development Society School and Teacher
4	Miss. Sajida Noureen	Assistant Professor	M.Ed. (UK)	Study Leave
5	Mr. Abdul Nasir Kiazai Chairperson	Lecturer	M.Ed / M.A / LLB	Foundations of Education, Computers in Education, Guidance & Counseling, Educational Administration and Supervision
6	Ms. Zahida Achakzai	Lecturer	M.Ed / M.Sc	On Study Leave
7	Ms. Syeda Basit Anjum	Lecturer	M.Ed / M.A	On Study Leave
8	Ms. Ayesha Akbar Gilani	Lecturer	M.Ed / M.Sc	On Ex-Pakistan Leave
9	Mr. Ashraf Nasir	Lecturer	M.A. Education	On Study Leave
10	Ms. Bushra Batool	Lecturer	M.Ed / M.Sc	Educational Psychology, Foundations of Education, Philosophy of Education
11	Ms. Khalida Panezai	Lecturer	M.Ed / M.Sc	Educational Psychology, Teaching of Pakistan Studies, Teaching of English Guidance & Counseling, Educational Technology

4. Programs of Study

- 4.1. M.Ed. (Morning): 1 Year
- 4.2. M.Ed. (Evening): 1 Year
- 4.3. B.Ed. (Evening): 1 Year

5. Description of Courses

5.1. M.Ed.

- 5.1.1. Foundations of Education
- 5.1.2. Research Methods & Statistics 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
- 5.1.9. Functional English

5.2 B.Ed

- 5.2.1. Perspective of Education in Pakistan
- 5.2.2. Human Development and Learning
- 5.2.3. School Organization and Management
- 5.2.4. Evaluation and Guidance
- 5.2.5. Society, School and Teacher
- 5.2.6. Essay Paper
- 5.2.7. Two Special Methods Courses
- 5.2.8. Practice Teaching Short Term / Final Term

6. Eligibility Criteria

6.1.	Program of Studies	Qualifications for Admission
	M.Ed (Morning)	B.Ed. II Division
	M.Ed (Evening)	B.Ed. II Division
	B.Ed (One Year)	B.A/B.Sc/B.Com II Division

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 Laptops

GENDER DEVELOPMENT STUDIES DEPTT

1. Introduction

- 1.1. Gender Development Studies Department 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 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

S. No.	Name	Designation	Qualification
1	Dr. Zeenat Sana	Chairperson	Ph.D
2	Mrs. Rubeena Batool	Lecturer	M.A IR
3	Mrs. Nasreen Yousuf	Lecturer	M.A Sociology
4	Mr. Aurangzeb	Lecturer	M.A Sociology
5	Mrs. Shahida Habib	Lecturer	M.Sc Rural Development M.A Mass Communication
6	Mr. Shah Khalid Baloch	Lecturer	M.A Social Work
7	Mrs. Shahida Durrani	Research Officer	M.A Political Science M.A Pashto

Academic Programs

5. Programs of study

- 5.1. M.A two years (Previous & Final Year)
- 5.2. Thesis & Internship in Final Year

6. Eligibility Criteria for Admission

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

7. Facilities

- 7.1. 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

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	Dr. Kaleemullah Bareach	Assistant Professor Chairperson	PhD	History of sub continent & Pakistan, Afghanistan & Middle East History
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 Students) 100 Marks (Option -II) Essay Writing (for Private Candidates).	

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 25 years the Department has produced over 800 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 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 Jallandhury 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. Syed Abdul Malik	Professor	Ph.D.
3	Dr. Abdul Ali Achakzai	Associate Professor / Chairperson	Ph.D.
4	Dr. Imam ud Din	Assistant Professor	Ph.D.
5	Dr. Syed Haider Shah	Associate Professor	Ph.D.
6	Mr. Rehmatullah	Lecturer	M.Phil
7	Ms. Farah Batool	Lecturer	M.A.

Sr. No.	Name	Designation	Qualification
8	Ms. Shabana Qazi	Lecturer	M.A.
9	Ms. Tahira Firdous	Lecturer	M.Phil
10	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 Student	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.

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.
- 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. **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	M.A (KU)	Print Media, Public Relations
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 Chairperson	M.A. Mass Comm:	Development Communication & Advertising
5	Mr. Ejaz Ahmed	Lecturer	M.A. Mass Comm:	Opinion Writing
6	Mr. Fahim Baloch	Lecturer	M.Phil	Magazine Production, Public Relations
7	Mr. Babrak Niaz	Lecturer	M.Phil	Media History and Laws
8	Mr. Mohammad Hayat	Lecturer (on Deputation)	M.A. Mass Comm:	Research, Current Affairs
9	Ms. Sadaf Naqvi	Lecturer	M.Phil	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	Mr. Hamid Hassan Khan	Assistant Professor	M.A.	Modern Philosophy
3	Mr. Shafi Agha	Assistant Professor (Visiting Faculty)	M.A.	Logic

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 lead by Dr. Muahmmad Waseem(chairman), Mrs. Neelam Firdous and Dr.Muhammad Azam Tahir, lecturer;later on the department was expanded with Ms. Mahreen Siddiqui, lecturer and Ms. Mussarat Jabeen, lecturer (late). In the first batch 15 students were enrolled for two years M.A. Degree program. Today the department has come to be as seat of rich learning in psychology aimed at exploring human psyche. The teaching faculty has enhanced their qualification by accomplishing M.Phil and PhD Degrees.

2. Objectives

- 2.1. To provide qualified psychology graduates who can help to alleviate the sufferings of catastrophic effects in the province
- 2.2. To provide capacity building services, various public and private organizations in Mental Health Related issues.
- 2.3. To contribute to the awareness of community on various psychological issues through conducting workshops/ Seminars.
- 2.4. To provide qualified and focused professionals in psychology to meet the future needs of educational institutes or industry.
- 2.5. To foster an environment that promotes learning through quality and research while encouraging mutual respect, tolerance and sensitivity.
- 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. Education and Research Institutes
- 3.2. Armed Forces, Public / Private
- 3.3. NGOs

4.Faculty

Sr. No.	Name	Designation	Qualification
1	Mrs. Neelam Firdous	Chairperson / Assistant Professor	M.Phil (Social Psychology)
2	Dr. Azam Tahir	Assistant Professor	PhD (Forensic Psychology)
3	Ms. Mahreen Siddiqui	Lecturer	M.Phil (Clinical Psychology)
4	Ms. Samreena Rose	Lecturer	M.Phil (Social Psychology)
5	Ms. Nasreen Ali	Lecturer	M.A.
6	Syed Azizuddin Agha	Lecturer	M.A (Registered in M.Phil)
7	Ms. Sara Durrani	Lecturer (on study leave)	M.S.
8	Ms. Saima Ambreen	Lecturer	M.Sc (On study leave for PhD)
9	Ms. Sara Durrani	Lecturer	M.Sc (On study leave for PhD)
10	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) 550

Paper Title	Marks
I History of Psychology	100
II Social psychology	100
III Psychopathology	100
IV Industrial Psychology	100
V English	50

(a) Practical 100

6.2. M.A. (Final)

6.2.1. Total marks M.A. (Final) 600

Paper Title	Marks
VI Experimental Psychology	100
VII Clinical Psychology	75
VIII Counseling Psychology	100
IX Psychological Testing	100
X Research Paper	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.

Faculty of Social Sciences

Balochistan Study Center
Department of International Relations
Department of Political Science
Department of Social Work
Department of Sociology
Pakistan Study Center





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, archaeological 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, Achaemenians 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, Achaemenians, Greeks, Persians, 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 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/Brahuis are living in the east, west and south of the province. The northern areas of Balochistan are the domain 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 tasked 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

- 8.1 **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.
- 8.2 **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.
- 8.3 **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.
- 8.4 **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.
- 8.5 **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	M.Phil/Ph.D	Afghanistan
2	Dr. Zahid Ali Marwat	Associate Professor	M.Phi/Ph.D	Iran
3	Muhammad Arif	Associate Professor	M.Sc.	International Politics
4	Ms. Faiza Mir	Lecturer	M.A	Strategy
5	Mr. Mir. Wais Kasi	Lecturer	M.Phil	Iran (Gulf)

S.No.	Name	Designation	Qualification	Specialization
6	Mr. Zafar Khan	Lecturer (On Study Leave)	M.A	International Law
7	Mr. Fida Muhammad Bazai	Lecturer (On Study Leave)	M.Sc	West Asia
8	Mr. Abdul Qadir	Lecturer	M.A	West Asia
9	Mr. Ghulam Dastagir	Lecturer	M.A	Foreign Policy Analysis
10	Mr. Mansoor Ahmed	Lecturer	M.Sc	Political Economy

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 Chishti	Associate Professor	Ph.D. Gold Medalist	Muslim Political Thoughts, International Law
2	Mr. Abdul Qadir	Assistant Professor	Ph.D	Public Admn. in Pakistan, Constitutions
3	Mr. Abdul Manan Kakar	Assistant Professor	M.Phil	Local Government
4	Mr. Mumtaz Ali Baloch	Assistant Professor	M.Phil	World Affairs

S.No.	Name	Designation	Qualification	Field of Specialization
5	Mr. Adil Zaman Kasi (S/L)	Assistant Professor	M.Phil	Govt. & Politics in Pakistan
6	Ms. Hussan Ara Magsi	Lecturer	M.Phil	Western Political Thought, Gender Politics
7	Mr. Abdul Zahir Mengal	Lecturer	M.A	Comparative Politics, International Political Economy, Nationalism
8	Mr. Syed Amir Shah	Lecturer	M.A	Western Political Thought, Research Methodology
9	Mr. Asadullah Baloch	Lecturer	M.A Gold Medalist	International Law, Muslim Political Thought
10	Mr. Shoukat Ali	Lecturer	M.A	International Economic Relations

5. Programs of Study

- 5.1. M.A. 02 years
5.2. M. Phil 02 years
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

1.	Pol. Sc. - 101 Advance Research Methodology	o3 C.H.	1st Trem
2.	Pol. Sc. - 102 Computer Literacy	o3 C.H.	
3.	Pol. Sc. - 103 Contemporary Political Theories	o3 C.H.	
4.	Pol. Sc. - 104 Public Policy	o3 C.H.	
5.	Pol. Sc. - 105 Foreign Policy of Pakistan	o3 C.H.	
6.	Pol. Sc. - 106 International Economic Relations	o3 C.H.	

- | | | |
|----|--|---------|
| 7. | Pol. Sc. - 107
Politics, State & Society, Dialectics in Pakistan issue - oriented | o3 C.H. |
| 8. | Pol. Sc. - 108
Foreign Policy of Major super Powers (U.S.A, China & Russia) | o3 C.H. |

06 credit Hours for Thesis writing

Total 30 C.H.

Ph.D

- | | | | | |
|----|---|---------|----------|---------------------|
| 1. | Pol. Sc. - 201
Strategies of good Governance in Pakistan | o3 C.H. | 1st Trem | 2nd Trem
o3 C.H. |
| 2. | Pol. Sc. - 202 | o3 C.H. | | |

7.Eligibility Criteria for Admission

FORM.A

- 7.1.1 Graduation With Political Science.
- 7.1.2 Written test and interview to be qualified with 50% marks.

For M.Phil:

- 7.2.1 Post graduation with at least second division
- 7.2.2 NTS (General) test with at least 50% marks.

For Ph.D:

- 7.3.1 M.Phil in Political Science
- 7.3.2 NTS (Subjective) test withat least 50% marks

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 Social work 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 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	Rural Women Welfare
2	Dr. Monica 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	Female Child Welfare
5	Mr. Mumtaz Ali Baloch	Assistant Professor	M.A	Community Development
6	Ms. Huma Zafar	Assistant Professor	M.A	Research / Urban Welfare
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 1150 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	100

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	Chairperson	MA
2	Mrs. Naveed Iram Warsi	Lecturer	MA
3	Mr. Mohammad Hanif	Lecturer	MA
4	Mr. Mohammad Alam	Lecturer	MA / M.Phil
5	Ms. Faiza Safdar	Lecturer	MA / M.Phil
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

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

- 4.1. Pakistan Study Center provides 3 different program of studies leading to M.A., M.Phil and Ph.D. degrees.
- 4.2. The M.A. Course consists of a two years degree program based on taught courses.
- 4.3. A Student seeking admission in M.Phil/Ph.D. has to complete the requisite number of credit hour for course work as laid down in the Higher Education Commission regulations for the said degrees.
- 4.4. A Research dissertation based on original research work will also be submitted. The minimum duration for M.Phil is two years and for Ph.D. three years.

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

- 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
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. Rasool Bakhsh Raisani	Director	Ph D
2	Mr. Noor Ahmed	Assistant Professor	M.Phil
3	Dr. Muhammad Usman Tobawal	Assistant Professor	Ph D
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 Passed B.A. with Pakistan Studies.
- 9.2 Passed the B.A. Almost two years prior to the years of admission.
- 9.3 Not passed the B.A. in the supplementary examination of same year as admission year.

Faculty of Literature and Languages

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





DEPARTMENT OF BALOCHI

Introduction:

The Balochi Language is over five thousand years old and considered one of the Old Iranian languages. The Balochi language has been described as belonging to the Northwestern group of the Iranian languages, which means that it shares certain sound changes with Kurdish and Parthian and New Persian.

With regard to phonological matters the Balochi language stands out from all other modern Iranian languages through the systematic preservation of old Iranian consonants the Balochi language is of particular importance for the study of the history of Iranian languages since it directly reflects the old Iranian consonants in all position of the word.

The Balochi language is spoken in south Western Pakistan, South Eastern Iran, South Afghanistan, the Gulf States and Turkemanistan. There are also communities of Baloch in east Africa and as well as in several countries of the West, e.g. the Great Britain and the USA.

- ❖ Teaching of the Balochi language was started as a subject in the Pakistan study center in 1985, and promoted as a department in 1992. Mir Aqil Khan Mengal was the first chairperson.
- ❖ The strength of the students is 108, whereas, the students of final year are 36 and the students of previous year are 72. Apart from this 7 scholars of M.Phil and 3 scholars of PhD have also been enrolled.
- ❖ Students from different departments come to carry out researches with the cooperation of the teachers of Balochi Department and take fruitful benefits from them.
- ❖ National and International research scholars also consult the department of Balochi for their works simultaneously.
- ❖ The department cooperates for making the Provincial and Federal Public Service Commission syllabuses of the Balochi language.
- ❖ The Department of Balochi has granted degree to thousands of students of the Balochi language and literature from its establishment till now and these students are serving in different departments and stations

THE RESEARCH JOURNAL HANKĒN

The issuance of the Annual Research Journal Hankĕn from the Department of Balochi, Faculty of Languages and Literature is one of the biggest achievements in the history of the Department of the Balochi. The first issue of the Annual Research Journal Hankĕn was published in cooperation with the Higher Education Commission Islamabad, Pakistan. The research Journal basically focuses the Baloch, Balochi and Balochistan. It provides opportunities to the Scholars to enhance their Research capabilities in the concerned fields. The advisory board of the Research Journal consists of national and international scholars who always give fruitful advices concerning to the journal.

The next issue of the Journal Hankĕn is en-route to be published soon. This journal is the fruitful result of the hard working teachers of the department who worked on it fortnightly.

GUL KHAN NASEER CHAIR

Throughout the World, different Universities have established chairs to study all aspects of the life, works of their renowned personalities. In this regard, the Department of Balochi has established a Chair entitled as : Mir Gul Khan Naseer Chair". The purpose of this Chair is to promote his thought, preserve his literary, journalistic and historical works and conduct Seminars on his works.

OBJECTIVES

- ❖ To provide qualified teachers in the Balochi literature to meet national/international needs.
- ❖ To teach ancient Balochi folklore, poetry, literature through research.
- ❖ To foster a conducive environment which promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity?

VOCATIONAL JOB OPPORTUNITIES / MARKETABILITY OF GRADUATES

- ❖ Education/ Research
- ❖ Electronic and Print Media.
- ❖ Interpreter/ Translator in Public / Private sector.
- ❖ Archeology and history in lok versa.
- ❖ Cultural institutes.

FACULTY

S.No.	Name	Designation	Qualification	Specialization
1	Dr. Abdul Saboor	Chairperson	Ph.D	Literature, Culture & Language
2	Dr. Zeenat Sana	Professor	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 Baloch	Lecturer	M.A	Literature, Culture & Language
9	Mr. Muhammad Rafiq	Lecturer	M.A	Literature, Culture & Language

PROGRAMS OF STUDY

- ❖ M.A Two Years.
- ❖ Ph.D & M.Phil.

DESCRIPTION OF COURSES

- ❖ **M.A Balochi (Previous)**
 - History of Balochi Language/Linguistic.
 - Classical Poetry.
 - Old Prose.
 - History and Culture.
 - Functional English.

❖ M.A Balochi (Final) Six Papers

- Modern Poetry.
- Modern Prose.
- Study of Mir Gul Khan Naseer
- Criticism
- Research Paper (only for Regular Students) Dastan for Private Candidate

FACILITIES

- Departmental Library
- Books & Research Journals 1300.
- Computer Lab.

FUTURE PLANNING

- ❖ Diploma and Certificate Courses would be starting to promote the Balochi language and make a lingual interaction with the people of other languages.
- ❖ To preserve thousand years old Baloch Culture.
- ❖ To conduct seminars and conferences on the different topics of the Balochi language and literature including international conferences on the said topics.
- ❖ Media and communication play a great role in the modern age of information technology. For the promotion of the Balochi language an FM Radio is to be established.
- ❖ The Balochi chair in the Peshawar University had been approved by the Ex-Vice Chancellor University of Balochistan, Quetta, Dr Abdul Saboor Baloch have already visited the University of Peshawar for the said purpose, but the Balochi Chair is still to be functioned. Our main mission is that the Balochi Chair of the University of Peshawar to be functional as soon as possible.
- ❖ Expansion of the department to lessen the difficulties of teachers and students.
- ❖ To affiliate the department with the Universities where Balochi is taught, and to identify the Balochi language in the international Universities.

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 un-adulterated 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	Chairperson	M.A	Literature and Culture
2	Dr. Hameed Shahwani	Professor / Dean	Ph.D.	Literature and Culture
3	Mr. Shabir Shawani	Assistant Professor	M.Phil	Modern Brahui Poetry
4	Mr. Manzoor Baloch	Lecturer	M.A	Literature, Culture & History
5	Mr. Liaquat Ali Sani	Lecturer	Ph.D	Linguistics & Modern Brahui Poetry
6	Mrs. Abida Sami	Lecturer	M.A	Compression of the old and New Pros.
7	Mr. Yousuf Mengal	Lecturer	M.A	Folk Literature

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 as 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)	1
Work in progress/ currently	08

9. Facilities

- 9.1. Well established seminar library consist of 2500 books, covering the all subjects and related material taught in the department.

10. Al-Burz (Annual Research Journal)

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)

The formation of Brahui Language Board is one of the great achievements of the department. It has been formed to tackle the following issues.

- a. To re-design the Brahui script / orthography.
- b. To standardize the most famous / frequently used dialect.
- c. To introduce new terminology, design Brahui dictionary and publication of Balochistanica.
- d. To seek consensus for adaptation of the Roman script as the re-designated / new Brahui script, keeping in view that it is comprehensive and more adoptable. This will enable the Brahui speakers to more acquaint with the new technologies such as computers and mathematical digits.
- e. To design the languages / certificate courses for new learners.
- f. To develop consensus for teaching of Brahui from primary level and to design curriculum for such purpose.
- g. To establish Model Schools for Mother Tongue (based) Education (MTE).

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 their Masters Programme. Additionally, the English Language course to the students BS programme running on semester basis.
- 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 and Publication.

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 (on 2 year Leave)	Lecturer	Ph.D	ELT, ESP, EAP, Action Research, Research Writing & Composition TESOL (TEST & TEFL)
2	Ms. Saira Abbass (Extra Ordinary Leave)	Assistant Professor	M.A	Curriculum Development teacher training, Material adaptation / development
3	Mr. Naeem Nasir	Lecturer	M.A in English Literature	ELT, TOEFL, IELTS, GRE, Teacher Training
4	Mr. Muhammad Asif (Study Leave)	Lecturer	M.A	ELT
5	Mr. Saeed Ahmed Lehri	Lecturer	M.A M.Phil Scholar	ELT, Linguistics, Phonetics and Phonology (HEC Certified Master Trainer)

S.No.	Name	Designation	Qualification	Field of Interest
6	Mr. Zahid Hussain (on Study Leave)	Lecturer	M.A	Communication Skills, Speaking Skills, Writing of Composition, ELT
7	Mr. Imran Bhatti (on Study Leave)	Lecturer	M.A	Listening Skills, Grammar, Speaking Skills.
8	Mr. Muhammad Zeeshan (on Study Leave)	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 there views and expend 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 there 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 departments of the University of Balochistan. 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 in 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 enhance creative ability of students.
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 tolerance.
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/ Ph.D	Criticism, Romantic Poetry & Novel
3	Ms. Munawara Rehman	Assistant Professor	M.A	Classical Poetry & Prose
4	Mrs. Najia Zaidi	Assistant Professor	Ph.D	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**

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

6.2. **M.A. Final**

Paper Title	Marks
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.

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 are available on internet and the Digital Library provided by the Higher Education Commission.

DEPARTMENT OF PASHTO

1. Introduction

1.1. The department of Pashto was established in 1974 in the building of the Pakistan Study Centre, University of Balochistan, and Quetta. The department of Pashto, department of Brahvi and department of Balochi has jointly started their programs under the supervision of the Director Pak Study Centre. The department produced its first batch of Masters in 1979, producing outstanding scholars who contributed a lot toward Pashto language and literature. The department extended admission facilities to M.Phil / Ph.D in 1997 / 2004 respectively. Since 1997 Two Ph.D and Five M.Phil scholars have been produced .While One Ph.D and Nine M.Phil scholars are enrolled in the department on various research program. The Department of Pashto has also started a Bi-Annual and Bi-Lingual Research Journal “TAKATOO” from January, 2009 which is sponsored by Higher Education Commission Islamabad and its recognition is in process.

2. Objectives

- 2.1. To provide qualified and focused professionals in Pashto Literature to meet the future needs of educational institutes or industry.
- 2.2. To foster a conducive 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 within country and abroad, research organizations and social sectors.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Education / research in Public / Private sectors.
- 3.2. Electronic and Print Media.
- 3.3. Interpreter / Translator in Public / Private sectors.
- 3.4. Archeology and history in lok versa.
- 3.5. Literary / Cultural institutions.

4. Faculty

S.No.	Name	Designation	Qualification
1	Dr. Naseebullah Seemab	Associate Professor / Chairperson	Ph.D
2	Dr. Nasrullah Jan Wazir	Professor	Ph.D
3	Mr. Faizullah Panezai	Assistant Professor	M.Phil
4	Mr. Javed Iqbal	Lecturer	M.A
5	Mr. Qari Abdul Rehman	Lecturer	M.A
6	Mr. Barkat Shah Kakar	Lecturer	M.A

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 (100)

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
Research (For Regular)	100
Essay Writing	50
Viva Voce	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

DEPARTMENT OF PERSIAN

1. Introduction

- 1.1. Persian language as one of the most celebrated , sweet and renowned languages of the world with a rich literature and a remarkably influencing literary history, has played an important role in the history as the language of communication between the civilizations , leaving a precious and priceless heritage for the coming eras and generations. This language , once expanding over a vast area stretching from the north of China to the bank of the Nile and from the west of Asia to the ultimate end of Sub-continent, spent a glorious time of sovereignty the fruit of which was the emergence of thousands of eminent scholars , poets , prose writers historians, and scientists.
- 1.2. In Sub-continent, personalities like : Ameer Khosrow , Bedil, Ghalib, Allama Iqbal and many more is manifest proof that this language and literature was a poetic, literary, scientific, and cultural asset of the region giving it a prominent position.
- 1.3. Balochistan situated in the crossroad of Central Asia, Afghanistan on the North , Iran on the West , and India on the East, comprising a variety of tribes and sects with the Persian Language as their mother tongue, possesses an outstanding position in the region.
- 1.4. Considering all the facts mentioned above , University of Balochistan took the unforgettable step of establishing the Persian Department which was officially inaugurated in July 1992.

2. Objectives

- 2.1. To enable the dialogue amongst different societies and cultures.
- 2.2. To preserve the historical and literary assets and heritage of Persian in Balochistan.
- 2.3. To provide qualified and focused professionals in the subject of Persian Literature to meet the future needs of the society nationally and internationally. To provide an environment that promotes learning through quality.
- 2.4. To prepare researchers in order to meet the needs of research organizations in various fields of industry, science and Technology.

3. Vocational Job Opportunities / Marketability of Graduates

- 3.1. Educational and Research Institutes at Colleges/ Universities etc.
- 3.2. Radio and Television Networks.
- 3.3. Translators and Interpreters.

4. Faculty

S.No.	Name	Designation	Qualification
1	Dr. Bilal Ahmad Sasoli	Assistant Professor / Chairperson	Ph.D (University of Tehran)
2	Dr. M. Ali Shah	Assistant Professor TTS	Ph.D (IRAN)
3	Dr. Syed Rohullah Naqvi	Assistant Professor TTS	Ph.D Ferdousi University Mashhad
4	Mr. Abdul Hassan Hazara	Lecturer	M.A (IRAN)

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 Prose
 - 6.2.2. Classical Poetry
 - 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 LITERATURE

1. Introduction

- 1.1. Urdu Language is now becoming an international Languages, 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.
- 1.2. 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.
- 1.3 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 an 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	Dr. Khalid Mahmood Khattak	Chairperson	M.Phil Ph.D	Balochistan main Urdu Shahir-o-adab
2	Agha Muhammad Nasir	Asstt: Prof.	Ph.D.	Development of Urdu in Balochistan
3	Mrs. Shagufta Rahim	Lecturer	M.A Urdu	Urdu Shahiry Classiki and Main
4	Mrs. Afshan Qazi	Lecturer	M.A Urdu	Afsanvi adab
5	Ms. Tanzila Naz	Lecturer	M.A Urdu	Urdu Nasar Negari
6	Gul Ghuti	Lecturer	M.A Urdu	Kalseeke Shahiry
7	Mr. Masood Danial	Lecturer	M.A Urdu	Thanqeed Nigari

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 Degree Course.

6. Description of Courses For M.A

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
6.1.6.	Functional English	50

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

Total Marks 1050

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.

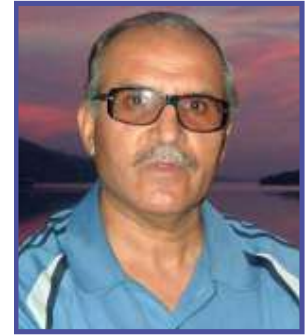
MESSAGE

Education is the most powerful weapon which can be used to change the world.

It is with great joy, happiness and pride to write these lines for 2013 Annual Prospectus, University of Balochistan, Quetta, Pakistan.

This is not only a Prospectus but a polished gem stone which has gone through procedures and cutting till it got its final shape.

It is well said that students are the back bone of a nation. In fact they play a vital role in the building of a nation and the students of today are always the builders of tomorrow.



It is also the teachings of Islam to work for the betterment of mankind. It is not enough to have a good mind but the main thing is to use it well to become a good professional.

The Prophet (peace be upon him) said those who disrespect others, are not from us.

Work with each other's (a team work, group activity) and share easily, you can learn a lot from each others. So collaborate form teams and network, but continuation of study is must.

Sadly, evil and darkness exist in the world. However, now and then, that darkness takes form and horrible things can happen. Sometimes those things are so horrible the darkness seems so big, it covers everything. But each and every one of us has the power to push back the darkness of evil and tragedy by being a source of light/education.

Learn from yesterday, live for today, hope for tomorrow.

We offer excellence in teaching, learning, research and sports, put students at the heart of our activities. Our target is to uplift this university and make it one of the top universities of the world, we welcome students from the core of my heart and hope strongly that your stay at the university more rewarding for your future carrier. We want to see our student an educationist, lawyer, poet writer's, scholars, artist and scientists'. We would like to make/prepare our students in very different way in order to compete with the students of developing and advanced countries.

My heartfelt appreciation, congratulations and thank to team of students affairs section, specially, Mr. Noor ul Amin Kakar and Mr. Akthar Muhammad for their motivational approach and great efforts they did for the arranging/making of this prospectus.

*God guide us in taking positive steps for the betterment of our University
Wisdom is the principal thing therefore gets wisdom.*

Prof. Dr. Abdul Tawab Khan
Fulbrighter
Dean Faculty of Students Affairs



For Comments please Contact:-

Registrar

University of Balochistan

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