



PROSPECTUS 2017

Semester System



University of Balochistan Master Study Programs

VICE CHANCELLOR'S MESSAGE



The University of Balochistan is the oldest and premier University of Balochistan. Since its establishment in 1973, it has achieved heights of success in all fields, especially Science, Arts and Humanities. Having been started from only 5 teaching departments, it now, with the grace of Allah Almighty, is running 48 departments under the umbrella of 7 Faculties, 4 specialized Centers, 4 Institutes and 1 Constituent Law College. Beside these, University of Balochistan has 86 affiliated colleges across the province. University of Balochistan has maintained its excellence in education, training and research in various fields of arts, Social Sciences, Business and Languages.

The University aims at high standards of quality education compatible with national needs and comparable to International Universities of high repute abroad. It has always attracted talented students coming from all walks of life and regions within its territorial limits and all provinces of Pakistan under exchange program and reserve seats.

The University of Balochistan recognizes an integrated and inter-disciplinary approach to synchronize and cooperative teaching among the various disciplines belonging to different faculties of constituent parts of the University under one umbrella. The Alumni of this Institution are serving at higher professional positions, research organizations, government and development sectors and universities at home and abroad.

University of Balochistan is devoted to providing best possible facilities in terms of faculty staff, laboratories, libraries and environment of research & development activities leading to higher degrees. I hope that the talented students will be joining the Master degree courses with the strong commitment to keep up the tradition of this Institution and help maintaining the flag of the University high in the sky.

God bless you.

Prof. Dr. Javeid Iqbal
Vice Chancellor

Foreword

Dear Students,

Being Registrar University of Balochistan, it gives me pleasure to welcome you in the oldest and premier University of Balochistan, Quetta. Indeed it is a matter of pride and honor for us that you have chosen University of Balochistan for making your future.



Dear Students, excellence, integrity, tolerance, and diversity are the values which add force to the University's processes and growth. Our success lies in our educational approach, personal and professional development of students. Students are free to pursue their education and co-curricular activities in a traditionally diversified educational environment. Our students are of different age groups who come from different regions and backgrounds as well as different countries of the world. They bring a wide range of viewpoints, special interests, and talents to enrich our educational community.

The University Registrar Office facilitates the admission process from one end to the other end. The office strictly observes the merit principle and addresses student's genuine grievances through a systematized approach to ensure timely completion of admission process in a comprehensive manner. The Registrar office appreciates comments and suggestions from all quarters for the improvement of its system to make it more efficient and delivering.

We assure you best educational and research atmosphere at University of Balochistan and hope you will come to learn and leave to serve.

Muhammad Tariq Jomezai
Registrar

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UNIVERSITY OF BALOCHISTAN

➤ **Introduction**

- 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.
- 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.
- 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.

➤ **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.

➤ **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

➤ **Our Values**

- Integrity
- Creativity
- Team Work
- Excellence

- Responsibility (to all Stakeholders)
- **Governance**
- 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.
 - 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.
- **Administration**
- Chancellor
 - Vice Chancellor
 - Pro Vice Chancellor
 - Registrar
 - Treasurer
 - Controller of Examinations
 - Director General (Student Affairs)
 - Director General (P&D)
 - Chairman FTDC
 - Director General (E&W)
 - Director General (Administration)
 - Director, Office of Research Innovation & Commercialization (ORIC)
 - Chairman, Graduate Studies Office (GSO)
- **Directorate of Students' Affairs**
- Dean and Director General, Students Affairs play the role of chief arbitrator in all academic / non-academic matters concerning the students.
 - The Faculty of Students Affairs performs duties pertaining to academic, financial extra-curricular and miscellaneous matters in coordination with the Registrar/ Chairpersons of Departments and Deans. Its duties are as follows.
 - **Academics**
 - Admission of Students under category B & C.
 - Selection of students for other universities of the country.
 - Migration from one department to another department.
 - Re-admission cases of the struck off students.
 - Arrange meetings with the Students Advisory Council.
- **Programs of Study**
- BS : 4 years
 - MA/M.Sc : 2 years
 - M.Phil : 2 – 3 years
 - Ph.D : 3 – 5 years

➤ **Number of Seats Available for Master Study Programs**

- The total member of seats in each Department/Institute/Center/ in each programme of study, including all categories of reserved seats, varies from department to department.
 - **Category ‘A’- Local and Domicile of Balochistan**
 - Open merit: Balochistan 10%
 - Open merit: Quetta District 15%
 - Open merit: District other then Quetta 75%
 - Personnel Serving in Balochistan – Category “B” 03
(Non-Local & Non Domicile) Daughter/Son/Spouse/Brother/Sister.
 - **Category “B”** Direct dependents (son/daughter/sister/wife/husband) of the Federal Government and Autonomous organizations personnel serving in Baluchistan 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
 - Category “C” applicants applying against reserved seats will submit their application forms to the Deputy Registrar (Student Affairs) by the due date with the required documents and an affidavit, specimen of which as at Appendix II. However, departments of University Employees will submit their application forms. The concerned will tick Category “A” and “C”

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

S.#	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	10	Applicants will be nominated by by AG’s branch, G.H.Q. Rawalpindi.
3	FATA	History Philosophy Polotical Science Social Work Urdu Law college	01 01 02 02 02 02	Application to be submitted 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	NOC from Afghan Consulate and NADRA Refugee ID 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/ Emloyees (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	Application 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 event at the time of interview and sports trails, Deputy Registrar (S.A) will also be invited.

***Note: university of Balochistan reserves the rights to decrease of increase the number of seats.**

➤ **Entry Test**

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.

➤ **Determination of Admission Merit for Master Program- Weightage**

- Matriculation : 10%
- Intermediate : 20%
- Graduation : 40%
- Written Test/ Interview : 30%

➤ **Admission Requirements**

- Admission in all subject and classes shall be allowed only to applicants who belong to Balochistan under category (A). However wards of servants of Federal Government or Autonomous Organizations, who had their previous education from the Institutions other than Balochistan and nominees against reserved seat under category (C) will also be eligible for admission. Admission is also for limited number of foreign under students on a separate quota.
- Candidates who qualify in the supplementary examination of that year shall not be allowed admission during that year.
- No student shall at one time join or continue on the roll of two or more courses of study, leading to two or more degree in the same of different faculties or intuitions.
- Admission will be allowed only to those applicants who have passed at most two years prior to the year of admission. However in the departments where the numbers of applicants are less than the number of seats available; relaxation of one more year can be given.

➤ **Admission Procedure**

- Forms for admission can be obtained on payment from Habib Bank Limited, University Branch Quetta.
- Candidates seeking admission shall submit the admission forms both in Original and Duplicate.
- Each applicant and his/her or father shall have to sign a declaration that he/she shall abide by all the rules and regulations of the University and he/she shall devote his/her time to studies and *shall not indulge in politics*.
- **Document required to be attached**
Four copies of recent passport size photographs duly attested.(Male/Female)
- 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 graded or above).
- Attested copy of Provisional certificate of the last qualifying examination.
- Attested copy of the Detailed marks Sheet of the last qualifying examination.
- Attested copy of Local or Domicile Certificate of the Province of Balochistan.
- Original documents will be shown at the time of Interview and will be checked by the Chairman/ Admission Committee of the concerned department.
- 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.
- In service applicants are required to produce:
 - No Objection Certificate from the Employers.
- The selected candidates will be required to complete the admission formalities by last date announced by the University.
- If a candidate fails to make payment of admission dues by last date, his/her Admission will stand cancelled.
- If a candidate fails to join the department within fifteen days from the date of admission his/ her admission will stand cancelled.

- List of selected candidates will be displayed on the Notice Board of concerned Department/ Institute/ Center on the dates announced in the academic calendar or having attendance less than 25% a month.
- Candidates will not be informed individually about their admission from this withdrawal or cancellation of admission and the University therefore will not be liable to be held responsible in this regard.
- Student already got Bachelor/Master degree as regular students will not be considered for admission and if found guilty of double admission at any stage the subsequent admission what so ever, will stand cancelled and the fee deposited shall not be refunded.

➤ **Attendance, Struck Off Cases 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 of a course provided that he has attended not less than 75% (cumulative) of lectures / seminars delivered in that course. 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% by the Head of Department.
- The student will have to get himself / herself readmitted within four days (04) 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. A student readmitted thrice during the session of study program shall not be allowed a further readmission and his / her admission shall stand cancelled.
- There will be at the most two chances for readmission for a two years program. A student readmitted twice 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**

- To earn course credits, a student must obtain a minimum of 1.00 grade points in that course.
- A student must obtain a minimum CGPA of 2.0 for award of a Degree in Grade C.
- A grade 'F' will be awarded to a student in a course for not achieving the desired competence i.e. less than fifty percent marks. 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.

➤ **The Distribution of Marks.**

Nature of Examination	Practical	Theory
Quizzes	15%	5%
Mid Semester Exam*	30%	20 %
Assignments	15 %	10 %
Practical	-	25 %
Terminal Exam*	40%	40%

➤ **Comprehensive Examination**

After the successful completion of all courses of the academic program, there shall be a written comprehensive examination to be qualified by each student, obtaining at least 50% compulsory marks. The comprehensive examination will be based on the core courses. The question paper will be set by the external examiner and he will also evaluate the scripts. The Controller of Examinations will conduct the comprehensive examination of eligible candidates within twenty days. The evaluation of comprehensive examination would not be considered for Grading / GPA. The candidate failing in the comprehensive examination shall be given two more chances to qualify the examination within three months from the date of declaration of result of the first comprehensive examination. A student who fails to qualify the comprehensive examination within the authorized period i.e. three chances, whether availed or not availed, would be awarded a Undergraduate Diploma and not a degree in that subject.

➤ **Students Code of Conduct-Discipline**

- No Student shall:
 - Do, or propagate, anything repugnant to Islam within and outside the precincts of the University/College.
 - Say or do anything which might adversely affect the honour and prestige of Pakistan, the University teachers and his/her educational institution.
 - Smoke in the classroom, laboratory, workshop, library and examination hall.
 - Form or associate him / herself with an organization / society / club or any other body promoting inciting parochial / linguistic / regional feelings.
 - Organize or hold any function in the University except in accordance with the prescribed rules/regulations.
 - 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.
 - 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.
 - Indulge in immoral activities, use indecent language, wear immodest dress, make indecent remarks, jokes or gestures or behave in an improper manner.
 - Cause disturbance to others.
 - Disturb the peace and tranquility of the Institution.

- 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.
 - Violation of any of the above will be considered misconduct and liable to disciplinary action.
 - Disciplinary Action
 - 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:
 - A student may be fined.
 - 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.
 - A student may be debarred from a College / Institute / Center / Department for a period not exceeding two weeks at a time.
 - 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.
- **Regulations Relating to Rustication, Expulsion and Withdrawal**
- 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.
 - 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.
 - A rusticated student once re-admitted and again found creating disturbance/ indiscipline, etc. will be expelled from the University.
 - 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.
- **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:-
- All Students must have faith in and respect for the ideology of Pakistan.
 - All Students must in matters of religion respect the convictions of others.
 - Every student is expected to:-
 - Be Loyal to Pakistan;
 - Obey the Law of the land as well as the rules & regulations of the University;
 - Maintain law and order as well as the dignity and prestige of the University;
 - Protect the property of the University;
 - Show due respect to elders, teachers and outside visitors;

- Work hard and co-operate in completing the courses of study within the prescribed period.

➤ **Facilities**

- **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 more 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.
- **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.
- The internet connectivity and link to Digital Library provided by the Information Technology Directorate has access to over 5,000 books and 25,000 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.
- **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.
- **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.

- **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 Provos, Provosts, Senior Warden and one Resident Warden for each hostel.
- **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.
- **Bank and Post Office:** A branch of Habib Bank and Post Office are available within the premises of the University.
- **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.
- **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 student's and supplement- ed by the University, subject to availability of funds.
- **Co-Curricular Activities**
 - Golden Week.
 - 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.
 - 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.
 - 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.
- **Sports Week** Special endeavors are made to organize games and sports on the campus. There are well established play grounds for football, cricket, basketball, volleyball and Tennis. The students have been participating in the National, Provincial and Inter-University tournaments and have won many prizes. The University organizes regular activities in a number of sports and games. It also arranges Inter- University sports competitions in Athletics, Football, Hockey, Volley Ball, Cricket, Badminton, Table Tennis, Tug of War, Basket Ball etc. Separate sports facilities exist for girls. The sports activities are looked after by the Director of Sports. A National level Gymnasium has been built that provides indoor sports activities.

- Audio Visual Aids Audio-visual aids are used in the class rooms, seminars and conferences to facilitate the students learning process.
- Tutorial and Guidance Tutorial and Guidance service is available to the University students. The Tutors Facilitates the learning process of the students and enable them to make positive 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.
- **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.
- **Directorate of Quality Assurance:**
 - Developing a viable and sustainable mechanism of Quality Assurance in Balochistan University in order to meet the rising challenges of transforming the province into a knowledge economy.
 - To execute the program on quality assurance at the University of Balochistan through internal assessment.
- Student Financial Aid Office Responsible for awarding scholarships under HEC's different schemes annually.
- **Office of Research Innovation & Commercialization:** Innovations, Summits, Research Workshops, Seminars, Conferences.

AFFIDAVIT SPECIMEN

(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 Photostate/ 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:

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: _____

AFFIDAVIT SPECIMEN

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

Applicant Name: _____

Father Name: _____

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

Postal Address: _____

The deponent declare on oath / solemn affirmation that the applicant _____
Seeking admission in the Department of _____ University of Balochistan, Quetta is my:
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 _____

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 deptt/ Section _____ Govt: of Balochistan / Pakistan

Oath Commissioner / Magistrate

**Signature
Head of Deptt
(Name & Stamp)**

Name: _____

Designation: _____

AFFIDAVIT SPECIMEN

UNDERTAKING BY THE STUDENT

(To be submitted on the judicial stamp paper)
(As per order of 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 found indulging in politics, I may be expelled from the University without any notice.

Signature of applicant

UNDERTAKING BY THE STUDENT

(This undertaking is also to be submitted on judicial stamp paper separately)
(As per Order of Supreme Court of Pakistan dated 1st July, 1992)

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.

Date: _____

Signature of 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 my Subject
 - ii. I am not enrolled at present in any of the University teaching Department / institute / Centers / affiliated College.
- II:
- i. I shall make one person literate so that he she will be able 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

➤ **I solemnly undertake to abide by the following Code of Conduct:**

- 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.
- I shall participate fully and whole-heartedly in sports, games and other co-curricular activities.
- I shall have minimum attendance of 75% in order to qualify for the examinations.
- That i shall maintain identity as a student of the university by wearing gown or badge as may be prescribed by the university.
- 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.
- 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.
- 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.
- I will deposit my admission fee after declaration of admission, if I fail my admission has been cancelled will not claim any right of it.

➤ **Further I undertake to refrain from:-**

- Doing anything which may cause insult to head of institution, teachers, officers and other staff of the institution.
- 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.
- Indulging in any kind of unfair means, malpractice in examinations and coercion by any means.
- 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.
- Bringing into the campus consuming or encouraging consumption of alcoholic products, drugs and narcotics, and indulging in act of moral turpitude.
- Bringing or keeping any type of weapons within the University premises.
- Using or occupying any room or part of any building of the institution without lawful authority.
- Damaging any University property including buildings, equipment, vehicles etc.in any manner.
- 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

Departments:

(Mathematics, Statistics, Political Science, International Relations, Sociology, Social Work, Psychology, Philosophy, Balochi, Brahui, Pashto, Persian, Urdu Literature, English Linguistic and Literature, Islamic Studies, History, Economics, Commerce, Gender Development Studies, Pakistan Study Center, Library Sciences)

S. No.	Description	1 st Semester (Rs)	2 nd Semester (Rs)	3 rd Semester (Rs)	4 th Semester (Rs)
1	Admission fee	4000	Nil	Nil	Nil
2	Examination fee	2000	2000	2000	2000
3	Tuition fee	3000	3000	3000	3000
4	Security	500	500	500	500
5	ID card fee	300	Nil	Nil	Nil
6	Caution money	100	100	100	100
7	Sports fund	500	500	500	500
8	Laboratory/Field work	-	-	-	-
9	Computer lab fee	1000	1000	1000	1000
10	Transport fee	800	800	800	800
11	Library fee	500	500	500	500
12	Refundable security	2000	Nil	Nil	Nil
13	Sub-Grand Total	14,700/-	8,400/-	8,400	8,400
14	Grand Total	39,900			

Note: *All fees may be deposited after declaration of admission within the stipulated time. If a candidate failed to deposit the fee in due courses of time his/her admission will stand cancelled and the student at the top of the waiting list will be considered for admission, he/she will be allowed to deposit the fee, as prescribed.

** As per policy, admission/hostel dues will increase at the rate of 10% each year.

FEE STRUCTURE

Departments:

(Physic, Chemistry, Zoology, Botany, Biochemistry, Microbiology, Geology, Geography, Media & Journalism)

S. No.	Description	1 st Semester (Rs)	2 nd Semester (Rs)	3 rd Semester (Rs)	4 th Semester (Rs)
1	Admission fee	4000	Nil	Nil	Nil
2	Examination fee	2000	2000	2000	2000
3	Tuition fee	3000	3000	3000	3000
4	Security	500	500	500	500
5	ID card fee	300	Nil	Nil	Nil
6	Caution money	100	100	100	100
7	Sports fund	500	500	500	500
8	Laboratory/Field work	2000	2000	2000	2000
9	Computer lab fee	1000	1000	1000	1000
10	Transport fee	800	800	800	800
11	Library fee	500	500	500	500
12	Refundable security	2000	Nil	Nil	Nil
13	Sub-Grand Total	16,700/-	10,400/-	10,400	10,400
14	Grand Total	47,900			

Note: *All fees may be deposited after declaration of admission within the stipulated time. If a candidate failed to deposit the fees in due course of time his/her admission will stand cancelled and the student at the top of the waiting list will be considered for admission, he/she will be allowed to deposit the fee, as prescribed.

** As per policy, admission/hostel dues will increase at the rate of 10% each year.

Masters in Computer Science
(Two years morning program of study)

Accounts		Dues at the time of Admission 1st & 2nd Semester	Dues for 3rd & 4th Semester
1	Admission Fee	2090/-	2090/-
2	Tuition Fee	21230/-	21230/-
3	Identity Card	100/-	100/-
4	Student Cultural	300/-	300/-
5	Sport Fee	1050/-	1050/-
6	Computer Lab	2090/-	2090/-
7	Transport Fee	1690/-	1690/-
8	Library Fee	630/-	630/-
9	Departmental Hardware Fee	8350/-	-----
10	Library Security (50% Refundable)	2200/-	-----
11	Examination Fee	7320/-	7320/-
Total		47050/-	36500/-

Total Dues for Two Year Rs. 83,550/-

Note: *All fees may be deposited after declaration of admission within the stipulated time. If a candidate failed to deposit the fees in due course of time his/her admission will stand cancelled and the student at the top of the waiting list will be considered for admission, he/she will be allowed to deposit the fee, as prescribed.

** As per policy, admission/hostel dues will increase at the rate of 10% each year.

FEE STRUCTURE

Master in Business Administration (BBS) Morning (Two years program of study)

Accounts		University Dues			
		1 st Semester	2 nd Semester	3 rd Semester	4 th Semester
1	Admission Fee (One Time)	6270/-	-----	-----	-----
2	Tuition Fee	20050/-	20050/-	20050/-	20050/-
3	Security Money (Non Refundable)	630/-	-----	-----	-----
4	Student Cultural	630/-	-----	630/-	-----
5	Sport Fee	1050/-	-----	1050/-	-----
6	Transport Fee	1690/-	-----	1690/-	-----
7	Computer Lab Fee	2090/-	-----	2090/-	-----
8	Library Fee	630/-	-----	630/-	-----
9	Library Security (50% Refundable)	2000/-	-----	-----	-----
Total		35040/-	20050/-	26140/-	20050/-

Grand Total: 101280/-

Masters in Public Administration (MPA) Morning (Two years program of study)

Accounts		1 st	2 nd	3 rd	4 th
		Semester	Semester	Semester	Semester
1	Admission Fee (for total duration)	4180/-	-----	-----	-----
2	Tuition Fee	10530/-	10530/-	10530/-	10530/-
3	Security Fee (Non Refundable)	630/-	-----	-----	-----
4	Student Cultural	630/-	-----	630/-	-----
5	Sport Fee	1050/-	-----	1050/-	-----
6	Transport Fee	1690/-	-----	1690/-	-----
7	Computer Lab Fee	2090/-	-----	2090/-	-----
8	Library Fee	630/-	-----	630/-	-----
9	Library Security (50% Refundable)	2000/-	-----	-----	-----
Total		23430/-	10530/-	16620/-	10530/-

Total Dues for Two Year Rs. 61110/-

Note: *All fees may be deposited after declaration of admission within the stipulated time. If a candidate failed to deposit the fees in due course of time his/her admission will stand cancelled and the student at the top of the waiting list will be considered for admission, he/she will be allowed to deposit the fee, as prescribed.

** As per policy, admission/hostel dues will increase at the rate of 10% each year.

FEE STRUCTURE

M.Ed (Morning) 1 Year Program (2 Semesters) after B.Ed.2nd Division

S. No.	Description	1 st Semester	2 nd Semester
1	Admission fee	4000	Nil
2	Examination fee	2000	2000
3	Tuition fee	3000	3000
4	Security	500	500
5	ID card fee	300	Nil
6	Caution money	100	100
7	Sports fund	500	500
8	Laboratory/Field work	-	-
9	Computer lab fee	1000	1000
10	Transport fee	800	800
11	Library fee	500	500
12	Refundable security	2000	Nil
13	Total	14,700/-	8,400/-
14	Sub-Grand Total	23,100/-	

M.Ed (Evening) 1 Year Program (2 Semesters) after B.Ed.2nd Division

S. No.	Description	1 st Semester	2 nd Semester
1	Admission fee	4000	Nil
2	Examination fee	2000	2000
3	Tuition fee	3000	3000
4	Security	500	500
5	ID card fee	300	Nil
6	Caution money	100	100
7	Sports fund	500	500
8	Laboratory/Field work	-	-
9	Computer lab fee	1000	1000
10	Transport fee	800	800
11	Library fee	500	500
12	Refundable security	2000	Nil
13	Self-Finance fee	20,000/-	20,000/-
14	Total	34,700/-	28,400/-
15	Sub-Grand Total	63,100/-	

B.Ed (Honrs) 1.5 years Program (Evening) (3 Semesters) after M.A/ M.Sc or Equivalent

S. #	Description	1 st Semester	2 nd Semester	3 rd Semester
1	Admission fee	4000	Nil	Nil
2	Examination fee	2000	2000	2000
3	Tuition fee	3000	3000	3000
4	Security	500	500	500
5	ID card fee	300	Nil	Nil
6	Caution money	100	100	100
7	Sports fund	500	500	500
8	Laboratory/Fied	-	-	-
9	Computer lab fee	1000	1000	1000
10	Transport fee	800	800	800
11	Library fee	500	500	500
12	Refundable security	2000	Nil	Nil
13	Self-finance Fee	15,000	15,000	15,000
14	Total	29,700/-	23,400/-	23,400/-
15	Grand Total	76,500/-		

B.Ed (Honrs) 2.5 years Program (Evening) (5 Semesters) after B.A/ B.S.c or Equivalent
Graduation Degree

S. #	Description	1 st Semester	2 nd Semester	3 rd Semester	4 th Semester	5 th Semester
1	Admission fee	4000	Nil	Nil	Nil	Nil
2	Examination fee	2000	2000	2000	2000	2000
3	Tuition fee	3000	3000	3000	3000	3000
4	Security	500	500	500	500	500
5	ID card fee	300	Nil	Nil	Nil	Nil
6	Caution money	100	100	100	100	100
7	Sports fund	500	500	500	500	500
8	Laboratory/Field work	-	-	-	-	-
9	Computer lab fee	1000	1000	1000	1000	1000
10	Transport fee	800	800	800	800	800
11	Library fee	500	500	500	500	500
12	Refundable security	2000	Nil	Nil	Nil	Nil
13	Self-finance Fee	15,000	15,000	15,000	15,000	15,000
14	Total	29,700/-	23,400/-	23,400/-	23,400/-	23,400/-
15	Grand Total	123,300/-				

Note: *All fees may be deposited after declaration of admission within the stipulated time. If a candidate failed to deposit the fees in due course of time his/her admission will stand cancelled and the student at the top of the waiting list will be considered for admission, he/she will be allowed to deposit the fee, as prescribed.

** As per policy, admission/hostel dues will increase at the rate of 10% each year.

Faculty of Basic Sciences

- ◆ Department of Physics
- ◆ Department of Chemistry
- ◆ Department of Mathematics
- ◆ Department of Statistics



Department of Physics

Introduction

- Physics is a fundamental science which exerts a vital and dominant role in the development of other scientific disciplines. Physics has also a direct impact on society and economy because the present civilization is strongly influenced by science and technology. Physics has always an asset of technologically advanced countries. Physics bred the technologies and new sciences of the past and till to date, is breeding new technologies and sciences.
- The Department of Physics is one of the three pioneering science departments, which was introduced since inception of the University of Balochistan, Quetta in 1971. In the first batch ten students were enrolled for a two year M.Sc. degree course with four teaching staff members. A three years B.Sc. (Honours) course was also introduced in 1976 which was later abolished in 1992. Over a span of forty-five years the department has expanded manifolds and has produced thousands young masters in Physics.
- The department of Physics emphasizes the researchers in physics of nanotechnology, communication system; condense matter physics, and modeling and simulation. The graduates of this department are not only working in prestigious institutes/ organizations/ universities of Pakistan but are also serving as faculty members of foreign universities. Apart from regular programs of MSc in physics, the department has also initiated regular M.Phil and PhD programs in 2014.

Objectives

- To prepare qualified and focused professionals in the subject of Physics to meet the future needs of educational institutes and industry in public and private sectors.
- To prepare researchers to meet the emerging needs of industry and research organizations and to develop the department as a centre of excellence in Physics teaching and research in the province of Balochistan.

Job Opportunities

- Pakistan Atomic Energy Commission (PAEC),
- KRL,
- SUPARCO,
- CENAR,
- PNRA,
- Geological survey of Pakistan,
- IT based Services,
- various industries dealing in Scientific and Electronic equipments,
- Provincial and Federal Schools,
- Colleges, Universities, and Research Institutes, Multinational companies.

Faculty Members

S #	Name	Designation	Qualification
1	Dr. Ajab Khan Kasi	Associate Professor/ Chairperson	Ph.D
2	Mr. Muhammad Latif	Assistant Professor	M.Phil
3	Mr. Muhammad Ali	Assistant Professor	M.Sc
4	Mr. Shahab Naseem	Assistant Professor	M.Phil
5	Syed Abdul Sattar Agha	Assistant Professor	M.Phil
6	Dr. Jafar Khan Kasi	Assistant Professor	Ph.D
7	Dr. Syed Muzamil Bokhari	Assistant Professor	Ph.D
8	Dr. Muhammad Sohail	Assistant Professor	Ph.D
9	Mr. Obaidullah Khan	Lecturer	M.Sc
10	Mr. Muhammad Hussain	Lecturer	M.Sc
11	Mr. Fareed Khan	Lecturer	M.Sc
12	Mr. Syed Wajahat Ali	Lecturer	M.Phil
13	Mr. Ahmed Bilal	Lecturer	M.Phil
14	Mr. Shehzad Ahmed	Lecturer	M.Phil
15	Ms. Iram Naz	Lecturer	M.Sc
16	Ms.Sana Idress	Lecturer	M.Phil
17	Mr. Samiullah	Lecturer	M.Phil
18	Mr. Mohammad Zakria Zehri	Lecturer	M.Sc
19	Muhammad Athar Qureshi	Lecturer	M.Sc

Program

- M.Sc

Eligibility

- B.Sc with Physics and Mathematics with 45% marks

Semester Breakup

1st Semester

Course Code	Course Name/Title	Credit Hours
Phy-601	Mathematical Methods of Physics-I	3(3-0)
Phy-602	Thermal and Statistical Physics	3(3-0)
Phy-603	Electromagnetic Theory-I	3(3,0)
Phy-604	Electronics-I	4(3-1)
Phy-605	Solid State Physics	3(3-0)
Phy-606	Functional English	2(2-0)
Total Credit hours		18

2nd Semester

Course Code	Course Name/Title	Credit Hours
Phy-607	Mathematical Methods of Physics-II	3(3-0)
Phy-608	Classical Mechanics	3(3-0)
Phy-609	Electromagnetic Theory-II	3(3-0)
Phy-610	Electronics-II	4(3-1)
Phy-611	Solid State Physics –II	4(3-1)
Total Credit hours		17

3rd Semester

Course Code	Course Name/ Title	Credit Hours
Phy-612	Quantum Mechanics-I	3(3-0)
Phy-613	Nuclear Physics	3(3-0)
Phy -614	Atomic & Molecular Physics	3(3-0)
Phy -615	Computational Physics-I	3(3-0)
Phy -616	Digital Electronics	3(3-0)
(Elective Courses)		
Note: Students need to select any one of the following elective courses		
Phy -617	Communication Systems	4(3-1)
Phy -618	Mechatronics	4(3-1)
Phy -619	Environmental Physics	4(3-1)
Phy -620	Nanoscience and Nanotechnology	4(3-1)
Total Credit Hours		19

4th Semester

Course Code	Course Name/ Title	Credit Hours
Phy -621	Quantum Mechanics-II	3(3-0)
Phy -622	Microprocessor	4(3-1)
Phy -623	Computational Physics-II	3(3-0)
Phy -624	Digital logic and design	1(0-1)
Phy -625	Nuclear radiations	1(0-1)
Phy -626	Research Paper and Presentation/Project	6(6-0)/6(0-6)
Total Credit Hours		18

Facilities

- **Departmental Library:** The departmental Library is managed by a qualified librarian and has over 2000 books covering a wide range of disciplines in Physics. These books are in addition to more than 2500 titles of Physics books stocked in central library of University.
- **Computer Lab:** The department of Physics have a full furnished computer lab which has internet services and access to digital library where thousands of journals, proceedings, online books, and magazines are available.
- **Basic Electronics Lab:** This lab is for M.Sc students to perform their practical work of analog electronics. This lab is equipped with oscilloscopes, wave generators, millimeters, power supplies, electronics trainers, amplifier ICs, oscillators, bipolar transistors, field effect transistors, diodes, and other electronic components.
- **Digital Electronics Lab:** This lab is for M.Sc students to perform their practical work of digital electronics. This lab is equipped with number of digital electronics trainers which has facilities to power digital ICs and monitor their outputs with corresponding inputs. Digital Electronics Lab has wide variety of digital ICs including logic gates, flip flops, counters, and memories.
- **Nuclear Lab:** This lab is for M.Sc students to perform their practical work of Nuclear Physics. This lab is equipped with number of nuclear radiation detectors, counters and radiation sources.
- **Physical Constants Lab:** This Lab is for MSc, M.Phil and PhD students to perform their practicals, and research work. The Physical Constants Lab has wide variety of equipments including Millikan's oil drop apparatus, Fine Beam tube apparatus for (e/m) of electron, Foucault-Michelson's apparatus for speed of light measurement, Photo cell for Planck's constant, spectrometers, Cauchy's constant apparatus, Michelson interferometer, Franck-Hertz experiment apparatus, Zeeman Effect apparatus, Compton Effect apparatus and X-Ray Diffraction system.
- **Communications System Lab:** This Lab is for MSc, M.Phil and PhD students to perform their practical and research work. The communication system lab has wide variety of equipments including frequency modulation, amplitude modulation, phase modulation, pulse width modulation trainers, amplifiers, analog to digital and digital to analog convertors, transmitters, receivers, FPGA, visible light communication tools, oscilloscopes, wave generators and optical fiber trainers. Numbers of software packages are there to program devices in this lab.

- **Microprocessor Lab:** The Microprocessor Lab is for MSc, M.Phil and PhD students to perform their practical, and research work. This lab has number of practical facilities including 80386, 8086, 8088, 8085 microprocessor trainers, serial and parallel interfacing trainers, analog to digital and digital to analog convertors and computer interfacing trainers.
- **Mechatronics Lab:** This Lab is for MSc, M.Phil and PhD students to perform their practical, and research work. The mechatronics lab has wide variety of equipment including sensors, actuators, automation tools, programmable devices and robots. Numbers of software packages are there to program devices in this lab.
- **Nanotechnology Lab:** Nanotechnology Lab is for MPhil/PhD scholars and teaching faculty to perform their research work. Main facilities of this lab are nanoporous membrane fabrication machine, electropolishing setup, electroplating setup, hydrothermal setup for ZnO growth, Autoclave, Oven, furnaces, vacuum pumps, range hood, hotplate stirrers, digital balance, optical microscope, sonicators, and desiccators etc. This lab has a stock of variety of chemicals and pure materials. With above facilities this lab is functional for several projects including, fabrication of anodic aluminum oxide membrane, fabrication of titanium dioxide membrane, growth of ZnO nanostructures, carbon nanotubes, template assisted synthesis of nanorods, nanotubes, and nanodots, nanostructured device fabrication including solar cells, nanogenerators, sensors and microfluidics.
- **Microfabrication Lab:** This lab provides facilities for fabrication of microdevices such as microfluidic devices, microactuators, microsensors, and microgenerators. Main facilities in this lab are: photolithography setup, magnetron plasma sputter, thermal evaporator, spin coater, vacuum degassing setup, and chemical etcher etc.
- **Characterization Lab:** This is research lab for MPhil/PhD scholars and teaching faculty to perform their research work. The characterization lab is providing facilities in variety of fields in Physics. The main function of this lab is to provide facilities for different types of measurements and detections with high accuracy. This lab is equipped with electrometers, LRC meters, nuclear detectors, resistivity measuring equipment, dielectrics constant measuring equipment, magnetic flux generators and measuring tools, sensitive amplifiers, digital analyzer, oscilloscopes, spectrometers and data acquisition tools.

DEPARTMENT OF CHEMISTRY

Introduction

- 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 everyday 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.
- The Department of Chemistry started functioning with the establishment of the University in 1971 with Dr Aijaz. 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.
- 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.

Objectives

- To develop conducive environment for learning and research that will foster cadres of qualified and focused professionals for chemical industries, research organizations and educational institutions of Pakistan.
- To establish linkages between the Department and the local industries and solve their technical problems.
- To prepare students for the local, national and global market by enhancing their international knowledge and developing the social confidence and adoptability they need to operate internationally.

Job/Career Opportunities

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

Faculty Members

S#	Name	Designation	Qualification
1	Dr. Masood Ahmed Siddiqui	Professor/ Dean	Ph.D
2	Dr. Manzoor Iqbal Khattak	Professor/ Chairperson	Ph.D
3	Dr. Mohammad Yaqoob	Professor	Ph.D
4	Dr. Nizam-ud-Din Baloch	Professor	Ph.D
5	Dr. Naqeebullah	Assistant Professor	Ph.D
6	Dr. Samar Ali	Assistant Professor	Ph.D
7	Ms. Amna Bano	Assistant Professor	M.Phil
8	Dr. Samiullah	Assistant Professor	Ph.D
9	Mr. Waheed Ahmed Shah	Assistant Professor	M.Phil
10	Mr. Ghulam Mustafa	Assistant Professor	M.Phil
11	Dr. Amir Wasim	Assistant Professor	M.Sc
12	Ms. Shaheen Wali	Lecturer	M.Sc
13	Ms. Arifa Bano	Lecturer	M.Sc
14	Ms. Anam Iqbal	Lecturer	M.Sc
15	Mr. Irshad Ali	Lecturer	M.Sc
16	Masooma Yaqoob	Lecturer	M.Sc
17	Halima Nasir	Lecturer	M.Sc
18	Huma Asif	Lecturer	M.Sc
19	Anam Iqbal	Lecturer	M.Sc

Program

- M.Sc

Eligibility

- B.Sc. with Chemistry with 45% marks

Description of Courses for M.Sc

- There are five disciplines in Chemistry.
- 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 Optional Courses

- a) Inorganic Chemistry, d) Analytical Chemistry
- b) Organic Chemistry e) Bio-Chemistry
- c) Physical Chemistry
- 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.

Semester Breakup**Semester – I**

Course Code	Course Title	Credit hours
CHEM-601 / 602*	Analytical Chemistry–I / Biochemistry–I	4 (3–1)
CHEM-603	Inorganic Chemistry–I	4 (3–1)
CHEM-604	Organic Chemistry–I	4 (3–1)
CHEM-605	Physical Chemistry–I	4 (3–1)
ENG-653	Functional English	2 (2–0)
MATH-654	Mathematics for Chemists	2 (2–0)
Total		20

Semester – II

Course Code	Course Title	Credit hours
CHEM-606 / 607*	Analytical Chemistry–II / Biochemistry–II	4 (3–1)
CHEM-608	Inorganic Chemistry–II	4 (3–1)
CHEM-609	Organic Chemistry–II	4 (3–1)
CHEM-610	Physical Chemistry–II	4 (3–1)
COMP-655	Computer and its Applications in Chemistry	2 (2–0)
Total		18

*The students have choice to opt Analytical Chemistry or Biochemistry.

Semester – III

The students have to adopt one Specialization set from the followings Specialization in Analytical Chemistry

Course Code	Course Title	Credit hours
CHEM-611	Analytical Chemistry–III	3 (3–0)
CHEM-612	Analytical Chemistry–IV	3 (3–0)
CHEM-613	Analytical Chemistry–V	3 (3–0)
CHEM-614	Environmental Chemistry	3 (3–0)
CHEM-615	Analytical Chemistry Practical	3 (0–3)
Total		15

Specialization in Biochemistry

Course Code	Course Title	Credit hours
CHEM-616	Biochemistry–III	3 (3–0)
CHEM-617	Biochemistry–IV	3 (3–0)
CHEM-618	Biochemistry–V	3 (3–0)
CHEM-614	Environmental Chemistry	3 (3–0)
CHEM-619	Biochemistry Practical	3 (0–3)
Total		15

Specialization in Inorganic Chemistry

Course Code	Course Title	Credit hours
CHEM-620	Inorganic Chemistry–III	3 (3–0)
CHEM-621	Inorganic Chemistry–IV	3 (3–0)
CHEM-622	Inorganic Chemistry–V	3 (3–0)
CHEM-614	Environmental Chemistry	3 (3–0)
CHEM-623	Inorganic Chemistry Practical	3 (0–3)
Total		15

Specialization in Organic Chemistry

Course Code	Course Title	Credit hours
CHEM-624	Organic Chemistry–III	3 (3–0)
CHEM-625	Organic Chemistry–IV	3 (3–0)
CHEM-626	Organic Chemistry–V	3 (3–0)
CHEM-614	Environmental Chemistry	3 (3–0)
CHEM-627	Organic Chemistry Practical	3 (0–3)
Total		15

Specialization in Physical Chemistry

Course Code	Course Title	Credit hours
CHEM-628	Physical Chemistry–III	3 (3–0)
CHEM-629	Physical Chemistry–IV	3 (3–0)
CHEM-630	Physical Chemistry–V	3 (3–0)
CHEM-614	Environmental Chemistry	3 (3–0)
CHEM-631	Physical Chemistry Practical	3 (0–3)
Total		15

Semester – IV

Specialization in Analytical Chemistry

Course Code	Course Title	Credit hours
CHEM-632	Analytical Chemistry–VI	3 (3–0)
CHEM-633	Analytical Chemistry–VII	3 (3–0)
CHEM-634	Analytical Chemistry–VIII	3 (3–0)
CHEM-635	Analytical Chemistry Practical	2 (0–2)
CHEM-636	Research Literature Review	6 (6–0)
Total		17

Specialization in Biochemistry

Course Code	Course Title	Credit hours
CHEM-637	Biochemistry–VI	3 (3–0)
CHEM-638	Biochemistry–VII	3 (3–0)
CHEM-639	Biochemistry–VIII	3 (3–0)
CHEM-640	Biochemistry Practical	2 (0–2)
CHEM-636	Research Literature Review	6 (6–0)
Total		17

Specialization in Inorganic Chemistry

Course Code	Course Title	Credit hours
CHEM-641	Inorganic Chemistry–VI	3 (3–0)
CHEM-642	Inorganic Chemistry–VII	3 (3–0)
CHEM-643	Inorganic Chemistry–VIII	3 (3–0)
CHEM-644	Inorganic Chemistry Practical	2 (0–2)
CHEM-636	Research Literature Review	6 (6–0)
Total		17

Specialization in Organic Chemistry

Course Code	Course Title	Credit hours
CHEM-645	Organic Chemistry–VI	3 (3–0)
CHEM-646	Organic Chemistry–VII	3 (3–0)
CHEM-647	Organic Chemistry –VIII	3 (3–0)
CHEM-648	Organic Chemistry Practical	2 (0–2)
CHEM-636	Research Literature Review	6 (6–0)
Total		17

Specialization in Physical Chemistry

Course Code	Course Title	Credit hours
CHEM-649	Physical Chemistry–VI	3 (3–0)
CHEM-650	Physical Chemistry–VII	3 (3–0)
CHEM-651	Physical Chemistry–VIII	3 (3–0)
CHEM-652	Physical Chemistry Practical	2 (0–2)
CHEM-636	Research Literature Review	6 (6–0)
Total		17
Total Credit hours		70

Facilities

- Five Specializations are offered by the Department of Chemistry and there are five teaching and five research Laboratories. All the laboratories are adequately equipped.
- **Computer Laboratory.** There is a computer laboratory having 25 PCs with internet facilities.
- **Departmental Library.** The departmental library is managed by a qualified librarian and has over 2500 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.
- **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 downloaded.

Department of Mathematics

Introduction

- 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. 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;
- 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 a full-fledged faculty of 15 members and is offering M.Sc., M. Phil and Ph. D in the fields of Pure and Applied Mathematics.

Objectives

- To provide a variety of courses that have been instrumental to create batches of qualified and focused professionals to meet the future needs of educational institutes or Industries.
- To develop cadres of 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.

Job Opportunities

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

Faculty Members

S.#	Name	Designation	Qualification
1.	Dr. Saleem Iqbal	Assistant Professor/ Chairperson	Ph.D.
2.	Mr. Muhammad Akram	Assistant Professor	M.Phil.
3.	Arbab Ghulam Mustafa	Assistant Professor	M.Sc.
4.	Dr. Arbab Abdul Sattar	Assistant Professor	Ph.D
5.	Mr. M. Umar Farooq	Assistant Professor	M.Sc.
6.	Mr. Israr Ahmed	Assistant Professor	M.Phil.
7.	Mr. Arbab Ghulam Raza	Assistant Professor	M.Phil.
8.	Mr. Habibullah	Assistant Professor	M.Phil.
9.	Dr. Abdul Rehman	Assistant Professor	Ph.D.
10.	Dr. Naveed Sheikh	Lecturer	Ph.D.
11.	Mr. Sardar Mohammad	Lecturer	M.Sc.
12.	Ms. Sana Jafar	Lecturer	M.Sc.
13.	Ms. Sidra Shujah	Lecturer	M.Sc.

Programs

- Post-graduate courses leading to M.Sc., M.Phil and Ph.D. degrees.
- The M.Sc. course is a two years' degree program based on taught courses work. From Academic year 2017 on word the M.Sc. degree program converted to Semester system for regular students.

Eligibility

- BA/B.Sc (or equivalent) with Mathematics A- Course.
- Professional degree holders (B. E etc) and B. Com are not eligible.
- With 45% marks

Semester Breakup

1st Semester

Course Code	Name of Course	Credit Hours
ENG-601	Functional English	2(2-0)
MATH-601	Advanced Calculus	3(3-0)
MATH -602	Linear Algebra	3(3-0)
MATH -603	Differential Geometry	3(3-0)
MATH -604	Set Topology	3(3-0)
MATH -605	Ordinary Differential Equations	3(3-0)
Total credit hours		17

2nd Semester

Course Code	Name of Course	Credit Hours
MATH -606	Real Analysis	3(3-0)
MATH -607	Group Theory	3(3-0)
MATH -608	Vector and Tensor Analysis	3(3-0)
MATH -609	Complex Analysis	3(3-0)
MATH -610	Analytical Dynamics	3(3-0)
Total credit hours		15

3rd Semester

Course Code	Name of Course	Credit Hours
MATH -611	Partial Differential Equations	3(3-0)
MATH -612	Numerical Methods	3(3-0)
	Elective-1	3(3-0)
	Elective- 2	3(3-0)
	Elective- 3	3(3-0)
	Elective- 4	3(3-0)
Total credit hours		18

4th Semester

Course Code	Name of Course	Credit Hours
	Elective- 5	3(3-0)
	Elective- 6	3(3-0)
	Elective- 7	3(3-0)
	Elective- 8	3(3-0)
	Research Project	6
Total credit hours		18

Facilities

- **Computer Lab:** Department has two separate Computer Labs for Male/Females students with three computers with Wi-Fi facilities more computers will also be included in the current academic year.
- **Departmental Library:** Department has about 400 books
- **Internet:** The Internet facility is available in the Computer Lab 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

Introduction

- Statistics is a fundamental science, which exerts a vital and dominant role in the development of other scientific disciplines. Statistical Science skills are important in all applied sciences (life sciences, medicine and related fields, physical sciences) and are becoming increasingly so in emerging fields that require analysis of complex data such as agriculture, business and finance. There is a constant demand for graduates with these skills in both industry and academia. Statistics also has a direct impact on society and economy besides science and technology.
- The Department of Statistics was established in March 1979. Prof. Joseph Elfenbein was the founder of the Department. Incepted with regular programs of MSc, the department has also started programs in M.Phil and Ph.D.

Objectives

- To create and develop cadres of motivated researchers, scholars and practitioners to meet the needs of agriculture, industry, research organizations and educational institutions of the local, national and international level.
- To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.

Job Opportunities

- Statistics degree holders can join.
- Educational Institutions, Colleges and Universities.
- Public / Private Research Organizations, Administration, Planning and Finance
- Provincial and Federal Bureau of Statistics
- Banks/NADRA/Health and Agricultural departments
- Energy Sector

Faculty Members

S.#	Name	Designation	Qualification
1	Dr. Syed Haider Shah	Professor/ Chairperson	Ph.D.
2	Dr. Yasmin Zehra Jafri	Professor	Ph.D.
3	Dr. Farhat Iqbal	Associate Professor	Ph.D.
4	Mr. Zahoor Ahmed Kasi	Assistant Professor	M.Sc.
5	Mr. Muhammad Zaman	Assistant Professor	M.Phil.
6	Mr. Ghulam Farooq	Assistant Professor	M.Sc.
7	Mrs. Ruqia Rehman	Assistant Professor	M.Phil.
8	Mr. Abdul Raziq	Assistant Professor	M.Phil.
9	Mr. Jamal Abdul Nasir	Lecturer	M.Sc.
10	Mr. M. Sohail Akhtar	Lecturer	M.Sc.
11	Mr. Azhar Ali Marri	Lecturer	M.Phil.
12	Mr. Syed Ejaz Ali Shah	Lecturer	M.Sc.

Programs

- M.Sc

Eligibility

- BA/B.Sc. with Statistics and Mathematics-A course with 45% marks

Semester Breakup**1st Semester**

Course Code	Course Title	Credit Hours
EN-601	Functional English	2 (2-0)
STAT-602	Mathematical Methods for Statistics	3 (3-0)
STAT-603	Parametric Statistical Methods	3 (3-0)
STAT-604	Probability and Probability Distributions – I	3 (3-0)
STAT-606	Sampling and Survey Methods – I	3 (3-0)
STAT-608	Design and Analysis of Experiments – I	3 (3-0)

2nd Semester

Course Code	Course Title	Credit Hours
STAT-605	Probability and Probability Distributions – II	3 (3-0)
STAT-607	Sampling and Survey Methods – II	3 (3-0)
STAT-609	Design and Analysis of Experiments – II	3 (3-0)
	Elective Course	3 (3-0)
	Elective Course	3 (3-0)

3rd Semester

Course Code	Course Title	Credit Hours
STAT-610	Data Processing and Statistical Computing – I	3 (1-2)
STAT-612	Statistical Inference – I (Estimation)	3 (3-0)
STAT-614	Regression Analysis– I	3 (3-0)
	Elective Course	3 (3-0)
	Elective Course	3 (3-0)

4th Semester

Course Code	Course Title	Credit Hours
STAT-611	Data Processing and Statistical Computing – II	3 (1-2)
STAT-613	Statistical Inference – II (Hypotheses Testing)	3 (3-0)
STAT-615	Regression Analysis– II	3 (3-0)
STAT-616	Research Review and Presentation	6 (0-6)
	Elective Course	3 (3-0)

Total Credit Hours**65**

M.Sc Statistics consists of 65 credit hours. The list of core and elective courses is as under:

CORE COURSES

Course Code	Course Title	Credit Hours
EN-601	Functional English	2 (2-0)
STAT-602	Mathematical Methods for Statistics	3 (3-0)
STAT-603	Parametric Statistical Methods	3 (3-0)
STAT-604	Probability and Probability Distributions – I	3 (3-0)
STAT-605	Probability and Probability Distributions – II	3 (3-0)
STAT-606	Sampling and Survey Methods – I	3 (3-0)
STAT-607	Sampling and Survey Methods – II	3 (3-0)
STAT-608	Design and Analysis of Experiments – I	3 (3-0)
STAT-609	Design and Analysis of Experiments – II	3 (3-0)
STAT-610	Data Processing and Statistical Computing – I	3 (1-2)
STAT-611	Data Processing and Statistical Computing – II	3 (1-2)
STAT-612	Statistical Inference – I (Estimation)	3 (3-0)
STAT-613	Statistical Inference – II (Hypotheses Testing)	3 (3-0)
STAT-614	Regression Analysis– I	3 (3-0)
STAT-615	Regression Analysis– II	3 (3-0)
STAT-616	Research Review and Presentation	6 (0-6)

ELECTIVE COURSES

Course Code	Course Title	Credit Hours
STAT-617	Nonparametric Statistical Methods	3 (3-0)
STAT-618	Introduction to Multivariate Statistics	3 (3-0)
STAT-619	Statistical Quality Control	3 (3-0)
STAT-620	Reliability Theory	3 (3-0)
STAT-621	Survival Analysis	3 (3-0)
STAT-622	Introduction to Bio Statistics	3 (3-0)
STAT-623	Categorical Analysis	3 (3-0)
STAT-624	Operations Research	3 (3-0)
STAT-625	Advanced Operations Research	3 (3-0)
STAT-626	Decision Theory	3 (1-2)
STAT-627	Bayesian Statistics	3 (1-2)
STAT-628	Advanced Theory of Statistics	3 (3-0)
STAT-629	Introduction to Time Series	3 (3-0)
STAT-630	Theory and Applications of Nonlinear Models	3 (3-0)
STAT-631	Stochastic Processes	3 (3-0)
STAT-632	Sample Survey and Report Writing	3 (3-0)
STAT-633	Robust Statistical Methods	3 (3-0)

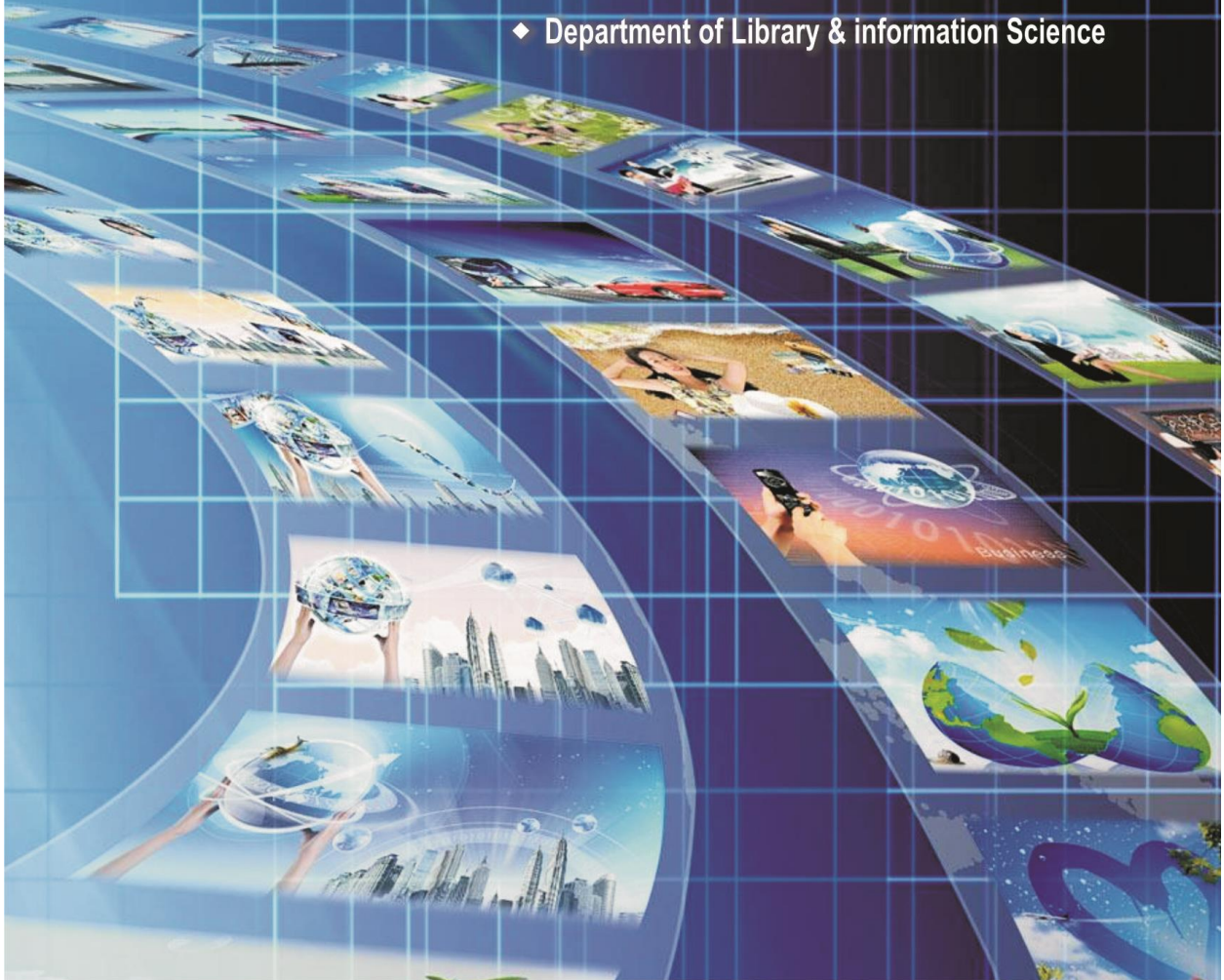
STAT-634	Spatial Data Analysis	3 (3-0)
STAT-635	Population Studies	3 (3-0)

Facilities

- **Computer Laboratory:** A computer laboratory with statistical packages such as SPSS, MINITAB, R and MATLAB for students and researchers.
- **Departmental Library:** The departmental seminar library has books on different branches of statistics.
- **Internet:** The internet facility is available in the Computer Lab 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 be downloaded.

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

- The department of Commerce has been evolved as one of the flagship departments of University of Balochistan. The department has been instrumental in providing the young learners with a profound understanding of theoretical and practical aspects of the Commerce as a discipline and a real life phenomenon. Since Inception (1973) the department has crossed milestones of its growth and development. Starting with undergraduate studies, the department has gradually built B.com and M.Com programs. Currently, M.Phil and PhD program have also been structured to cater the need of Balochistan in area of Commerce & Business. The department unfolds viable educational environment that tend to fester both research and analysis skills of the students. Seminars, debates, dialogues, and workshops have been conducted by the department to develop cadres of quality human resource in the domain of commerce, industry and business at local, national and international levels.
- Leadership and faculty of the department are seeking ways to enable the students to be the business leaders, Managers, Entrepreneurs, Bankers etc. of tomorrow, this approach would definitely lead students towards their targeted job market and make their way clear towards the destination of professionalism. Alumni record validates that major portion of provincial workforce in the business and banking sectors have already been graduated from Department of Commerce, UOB, either at bachelor levels or Master levels.

Objectives

- To provide updated, well informed and fresh knowledge base through up-dating the curriculum of the study programs so that to meet the leading regional and global challenges and harness the opportunities opening in the wake of China-Pakistan Economic Corridor (CPEC) at national and particularly provincial level.
- To develop an environment stemmed in learning and education of the commerce and business for cadres of students from diverse backgrounds so that high quality of human resource could be created through opening study programs of B.S (four year program), M.com program, M Phil and PhD programs.

Jobs/Career Opportunities

- Alumni of the Department of Commerce are currently being engaged in different fields of public and private sector like NGOs, Education, Business, and Banking etc. hence commerce students may seek career/job in following areas:
 - Accounting and Finance Fields
 - Taxation management
 - Entrepreneurship
 - Business
 - Banking

- NGOs
- Public and Private Organizations
- Audit Department
- Commerce Education Organizations
- Industry and Commerce

Faculty

S.No	Name	Designation	Qualification
1	Prof. Dr. Nadeem Malik	Professor, Dean, Faculty of Management Science, Business & IT	PhD
2	Prof. Dr. Muhammad Ali	Chairperson/Associate Professor	PhD
3	Dr. Abdul Rashid Khan	Assistant Professor	PhD
4	Mr. Inayatullah Khan	Assistant Professor	MPhil/PhD (Reg)
5	Mrs. Shakira Bukhari	Assistant Professor	MPhil
6	Dr. Uzma Mukhtar	Assistant Professor TTC	PhD
7	Mr. Abdul Quddus	Lecturer	M.com
8	Dr. Muhammad Shafiq	Lecturer	PhD
9	Mrs. Amina Khuda Dad	Lecturer	M.com
10	Syed Jameel Ahmed	Lecturer	MBA/ MS (Reg)
11	Mr. Dilawar Khan Durrani	Lecturer	MBA/ PhD (Reg)

Program

- M.Com

Eligibility

- B.com (2 years) or equivalent with 45% marks

Semester Breakup

Semester-I

S.No.	Course Title	Credit Hrs.
1	Principles of Management	3
2	Principles of Marketing	3
3	Quantitative Techniques in Business	3
4	Managerial Economics	3
5	Financial Accounting	3
6	Entrepreneurship	3
	Total	18

Semester-II

S.No.	Course Title	Credit Hrs.
1	Research Methods in Business.	3
2	Advanced Cost and Management Accounting.	3
3	Organizational Behaviour.	3
4	Financial Management.	3
5	Management Information System (MIS)	3
6	Project Management	3
	Total	18

Semester-III

S.No.	Course Title	Credit Hrs.
1	Human Resource Management.	3
2	International Business	3
3	E-Commerce	3
4	Dispute Resolution	3
5	Elective-I	3
6	Elective-II	3
	Total	18

Semester-IV

S.No.	Course Title	Credit Hrs.
1	Operations and Production Management	3
2	Strategic Management	3
3	Corporate Law	3
4	Research project and Report writing	3
5	Elective-III	3
6	Elective-IV	3
	Total	18

Program structure of Master of Commerce (M.Com)

Courses Categories	No. of Courses	Credit Hours
Core Courses	19	57
Elective & specialization Courses	4	12
Research Project	----	03
Total Credit Hours	23+Project	72

INSTITUTE OF MANAGEMENT SCIENCES

Introduction

- The leading economic, cultural and environmental changes at global level have largely impacted nations and societies all over the world. The free market economy and trade liberalization policies have figured out the need of modern institutional networks that seeks for highly efficient and vigilant management systems at different public and private sector institutions. While zooming in the emerging situation and peculiar challenges and opportunities in Pakistan generally and Balochistan especially, the discipline of management sciences need to be highly responsive and relevant to the needs of the people.
- The inception of IMS in 2000 was aimed 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 Shaikhwa led as the first Chairman of the department. The department was upgraded to the Institute of Management Sciences on 2000.
- The IMS has established high quality of study programs, research, analysis and practice environment and since inception has created cadres of high quality of HR that are contributing in various institutions as leaders, managers and administrators.

Objectives

- To design and develop programs that can fulfill the need of producing quality human resource in the fields of specialized functional areas of management sciences, including management information systems and to develop cadres of conceptually and technically equipped professionals in Management Sciences who can contribute as leaders, managers and creators of the management systems and institutions in the public and private sectors organizations.
- To develop human resource for undertaking applied and synthesizing research ventures, in-depth analysis and practical skills for responding on the basic issues, challenges and opportunities of economy, commerce, and services at various public and private sectors.

Job/Career Opportunities

- Private and Public Sectors Organizations.
- Financial Institutions.
- Insurance Companies.
- Local and Multinational NGOs.

Faculty

S.#	Name	Designation	Qualification
1	Dr. Abdul Naeem	Director/ Assistant Professor	Ph.D, MBA
2	Dr. Jan Muhammad	Associate Professor	Ph.D
3	Malik Abdul Karim	Assistant Professor	M.Phil
4	Mr. M.K.Bhatti	Assistant Professor	M.Phil
5	Mr. Sulaiman Akbar	Assistant Professor	MS

S.#	Name	Designation	Qualification
6	Dr. Zainab Bibi	Associate Professor	Ph.D
7	Dr. Sana-ur-Rehman	Assistant Professor	Ph.D
8	Dr. Jehanwash Karim	Assistant Professor	Ph.D
9	Dr. Saubia Ramzan	Assistant Professor	Ph.D
10	Dr. Jameel Ahmed	Assistant Professor	Ph.D
11	Dr. Kaneez Fatima	Assistant Professor	Ph.D
12	Dr. Kamal Badar	Assistant Professor	Ph.D
13	Dr. Safia Bano	Assistant Professor	Ph.D
14	Ms. Farae Naeem	Assistant Professor	MS
15	Dr. Beenish Malik	Lecturer	Ph.D
16	Dr. Saud-al-Taj	Lecturer	Ph.D
17	Dr. Muhammad Kashif	Lecturer	Ph.D
18	Mr. Abdul Wahid Zehri	Lecturer	MS
19	Mrs. Fouzia Sheikh	Lecturer	MS
20	Mr. Muhammad Danish	Lecturer	MS
21	Mr. Zubair Sharif	Lecturer	MS
22	Mr. Muhammad Naeem	Lecturer	MS
23	Mr. KhurramShahzad	Lecturer	MS
24	Mr. Furqan-ul-Haq	Lecturer	MS
25	Mr. Muhammad Kaleem	Lecturer	MS
26	Mr. Nageebullah	Lecturer	MS
27	Ms. MasoomaIram	Lecturer	MBA
28	Mr. Tabish Shabee	Lecturer	MBA
29	Ms. UzmaGilani	Lecturer	MBA
30	Mr. Nadir Khan	Lecturer	MBA
31	Mr. Wattan Yar Khan	Lecturer	MBA

Programs

- BBS : 2 years
- MPA : 2 years
- MBA : 1.5 year

Eligibility

- BBS : B.A/B.Sc/B.Com
- MPA : B.A/B.Sc/B.Com
- MBA : BBS/BBA
- With 45% marks

**7. Semester Breakup BBS Program
(60-66 Credit Hours, courses @ 3Credit hour each)**

SEMESTER I			
S.No	Code	Course	Category
1	BS-509	Mathematics & Statistics for Management	Core
2	BS-510	Business Communication	Core
3	BS-503	Financial Accounting	Core
4	BS-504	Principles of Management	Core
5	BS-524	Computer Application Packages	Elective
SEMESTER II			
6	BS-514	Statistical Inference	Core
7	BS-501	Microeconomics	Core
8	BS-508	Financial Management	Core
9	BS-506	Principles of Marketing	Core
10	BS-522	Organizational Behavior	Elective
SEMESTER III			
11	BS505	Human Resource Management	Core
12	BS-502	Macroeconomics	Core
13	BS-511	Business Research Methods	Core
14	BS-507	Marketing Management	Core
15		Specialization I	
SEMESTER IV			
16	BS-512	Management Information Systems	Core
17	BS-531	Strategic Management	Elective
18	BS-513	Managerial Accounting	Core
19	BS-538	Quantitative Techniques for Business	Elective
20		Specialization II	Specialization

Note: Selection of Elective courses (from the available/suggested subjects list/titles) is contingent on the availability of the subject specialist in the relevant field and the approval of the Departmental Executive Committee.

BBS Core Courses

1. BS-501 Microeconomics
2. BS-502 Macroeconomics
3. BS-503 Financial Accounting
4. BS-504 Principles of Management
5. BS-505 Human Resource Management
6. BS-506 Principles of Marketing
7. BS-507 Marketing Management
8. BS-508 Financial Management
9. BS-509 Mathematics and Statistics for Managements
10. BS-510 Business Communication
11. BS-511 Business Research Methods
12. BS-512 Management Information System
13. BS-513 Managerial Accounting
14. BS-514 Statistical Inference

BBS Specialization Courses Finance

1. BS-571 Financial Statement Analysis
2. BS-572 Investment Analysis
3. BS-573 Treasury and Fund Management
4. BS-574 Project Financing and Evaluation
5. BS-575 Seminar in Finance
6. BS-576 Islamic Banking and Finance
7. BS-577 International Financial Management
8. BS-578 Portfolio Management
9. BS-579 Risk Management Analysis

BBS Specialization Courses Human Resource Management

1. BS-561 Training and Development
2. BS-562 Industrial Relations
3. BS-563 Personnel Policy
4. BS-564 Labor Laws in Pakistan
5. BS-565 Conflict Management
6. BS-566 Compensation Management
7. BS-567 Organization Restructuring and Development

Facilities

- **Access to Computer:** The institute has two laboratories equipped with almost 50 computers with internet and latest software facilities. The technical staff strives to technically support students in exploring their required academic and research stuff and assignments and analysis.
- **Departmental Library:** The Departmental Library is managed by a qualified librarian and has a large collection of latest books, research journals, periodicals and magazines covering a wide range of disciplines in Management Sciences for teaching and research purposes.
- **Audio Visual Aids:** A seminar room equipped with all the modern facilities including slides, overhead projector, Portable multimedia, T.V. and V.C.R.
- **Provision of WI-FI Connections:** Department tends to provide free access to WI-FI for all students enrolled in the department.

DEPARTMENT OF ECONOMICS

Introduction

- Incepted in 1971, the Department of Economics is one of the initial departments of University of Balochistan which has evolved from the experiences carried out at government degree college Quetta. The need of establishing this department was highly felt at various levels. The contribution of department at various levels has always validated the need and rational of this very important discipline in the province.
- As a discipline of social sciences, Economics tends to seek and explore the relationship between needs and scarce means which have alternative uses. Economics is the study of general principals of administration of resources, of an individual, a household, a business, or a State; this also includes the examination of the way in which waste 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.
- In the course of consistent 55 years, the department has built viable academic and research systems, highly skilled and intellectual recognized faculty, trained and educate thousands of the young economists at provincial and national levels.

Objectives

- To foster a viable research, teaching and practice environment in the department that can potentially promote learning through quality teaching and research, while encouraging mutual respect, tolerance and sensitivity at society.
- To prepare economic practitioners and researchers that can contribute in shifting the paradigm of economics at national and provincial levels while working with public and private sector organizations and institutions.

Job/Career Opportunities

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

Faculty Members:

S.#	Name	Designation	Qualification
1	Mrs. Riffat Arshad	Assistant Professor / Chairperson	M.A Ph.D Scholar
2	Dr. Jahangir Khan	Associate Professor/TTS	Ph.D
3	Mr. Naseeb Ullah	Assistant Professor	M.A
4	Mr. Abdul Rehman	Lecturer (on Study Leave)	M.Sc/ Ph.D scholar
6	Mr. Arbab Jahandad	Lecturer	M.A/ M.Phil Scholar
7	Ms. Tania Luni	Lecturer	M.Sc
8	Mr. Gohar Khan	Lecturer	M.Sc / M.Phil Scholar
9	Mr. Muhammad Ayaz	Lecturer	M.Phil
10	Mr. Asmat Khan	Lecturer	M.Phil

Programs

- M.Sc Economics

Eligibility

- B.A/B.Sc. with Economics or B.Com with 45% marks

Semester Breakup**Semester 1**

Course No.	Course Title	Credit Hours
ECO 601	Micro Economics I	3-0
ECO 602	Macro Economics I	3-0
ECO 603	Mathematical Economics I	3-0
ECO 604	Statistics-I	3-0
ECO 605	Agricultural Economics	3-0
CS 601	Introduction to computer Application.	3-0
	Total	18

Semester II

Course No.	Course Title	Credit Hours
ECO 606	Micro Economics II	3-0
ECO 607	Macro Economics II	3-0
ECO 608	Mathematical Economics II	3-0
ECO 609	Statistics-II	3-0
ECO 610	Issues in Pak Economy	3-0
EN 601	Functional English	2-0
	Total	17

Semester III

Course No.	Course Title	Credit Hours
ECO 611	Econometrics I	3-0
ECO 612	Development Economics	3-0
ECO 613	International Trade	3-0
ECO 614	Monitory Economics	3-0
ECO 615	Public finance	3-0
ECO616	Research Methodology	3-0
	Total	18

Semester IV

Course No.	Course Title	Credit Hours
ECO 617	Econometrics II	3-0
ECO 618	Research project	6-0
ECO 619	Elective I	3-0
ECO 620	Elective II	3-0
ECO 621	Elective III	3-0
	Total	18

Total Credit Hours = 71
Duration of Program = 2 years
(Four Semester)

List of Elective Subjects for M.Sc Economics

Code No.	Course Title	Credit Hours
Eco 620	Regional trade integration	3(0-3)
Eco 621	Comparative economic systems	3(0-3)
Eco 622	Human resource development	3(0-3)
Eco 623	Islamic Economics	3(0-3)
Eco 624	Labour economics	3(0-3)
Eco 625	Population economics	3(0-3)
Eco 626	Environmental Economics	3(0-3)
Eco 627	Managerial economics	3(0-3)

Facilities

- **Reference Library:** The department has developed a full fledge library that timely facilitate all the students enrolled in different programs. The library is named after Prof. Shukarullah who is one amongst the architects of this department. Qualified librarian support students with above 3000 books available on economic and other interdisciplinary subjects. A large number of international research journals are also available on the digital library. journals of reputed national institutions.
- **Internet and ICT.** Department provide learning and practice of Information and Communication Technology especially its applications in the field of economics. Free access to WI-FI networks is also facilitated by the department.

DEPARTMENT OF COMPUTER SCIENCES & INFORMATION TECHNOLOGY

Introduction

- The advent scientific advancement has rendered an overarching change in the lives of people all over the world. The process of continuous inventions in the field of computation has brought a revolution in communication, trade, business, war, education, health, and access to the knowledge of other planets and heaven bodies in our solar system. After the devastating World War II, the discipline of computer science figures out from the outgrowth of the Physics. Incepted in 1948, this discipline has taken several giant leaps; the birth of personal computers in the 1970's has geared up the use of Information and communication technologies all over the world.
- The emergence of Computer science as a discipline has taken a central position in the educational and development paradigms of the developing countries generally and Pakistan especially. The emerging socio-economic opportunities demands a responsive system and skilled human resources. In the recent years, China-Pakistan Economic Corridor (CPEC) demand slots of highly qualified and skilled human resource to excel the growth and prosperity of the country. The youth of Balochistan, particularly needs to be trained to contribute in the process of development and socio-economic empowerment.
- University of Balochistan launched the department of computer science in 2000. Starting with, Master in Computer Sciences (MCS) in 2001, the department also initiated its programs of BS (CS) and BS (IT) in 2002. In the course of a decade, the department has harnessed its faculty and study programs and has started M.Phil and PhD programs in 2012.

Objectives:

- To design and develop effective study programs for creating cadres of highly potential and qualified professionals in the field of Computer Science (CS) and Information Technologies (IT) so that emerging demands of HR at the level of national provincial level public and private sectors could be fulfilled.
- To develop an academic and research environment at the department that will generate innovative learning and practicing ventures in the field of computer science and ICTs and will inculcate an academic culture aimed at professional grooming and creative thinking.

Job/Career Opportunities

- I.T based services, Commercial and financial public and private organizations.
- Computer Hardware/Software suppliers/users in public/private sector.
- Telecom Sector.
- Multi-National Companies.

Faculty

S.#	Name	Designation	Qualification
1	Mr. Muhammad Khalid Badini	Assistant Professor/ Chairperson	MCS, MS(CS)
2	Dr. Altaf Hussain Bouk	Professor	Ph.D
3	Dr. Atiq Ahmed	Assistant Professor	Ph.D
4	Dr. Ihsan Ullah	Assistant Professor	Ph.D
5	Dr. Uzma Mukhtar	Assistant Professor	Ph.D
6	Dr. Waheed Noor	Assistant Professor	Ph.D
7	Dr. Maheen Bakhtyar	Assistant Professor	Ph.D
8	Dr. Junaid Babar	Assistant Professor	Ph.D
9	Dr. Abdul Basit	Assistant Professor	Ph.D
10	Dr. Mir Saadat Baloch	Assistant Professor	Ph.D
11	Mr. Syed Mohammad Zubair	Assistant Professor	MS
12	Mr. Syed Amjad Hussain Jafri	Assistant Professor	M.Sc.
13	Mr. Imran Ali	Lecturer	MS
14	Mr. Anwar Ali Sanjarani	Lecturer	B.E (CE), MBA
15	Mr. Muhammad Shumail Naveed	Lecturer	MCS
16	Mr. Zia-ur-Rehman	Lecturer	M.Sc. Math, MCS
17	Mr. Liaquat Ali	Lecturer	MCS
18	Mrs. Tayyaba Noreen	Lecturer	M.Com
19	Mr. Muhammad Raza	Lecturer	MCS
20	Ms. Shafaque Saira Malik	Lecturer	MCS
21	Jalaluddin Qureshi	Lecturer	MCS

Programs

- MCS
- MCS (Self Finance) Evening.

Eligibility

- B.Sc/ B.Com/ BCS/ BE with 45% marks

Semester Breakup

Semester 1

Course Code	Course Name	Credit Hours
EG 401	Functional English and technical writing	3
CS 415	IT project management	3
CS 402	Computer programming with C & C++	3
MT 401	Discrete mathematics	3

CS 403	Database Systems	3
CS 404	Theory of Automata	3
	Total	18

Semester 2

Course Code	Course Name	Credit Hours
CS 405	Data structures	3
CS 406	Compiler construction	3
CS 407	Principles of Operating systems	3
CS 408	Software engineering I	3
CS 409	Web Engineering	3
CS 410	Computer organization and Assembly language	3
	Total	18

Semester 3

Course Code	Course Name	Credit Hours
CS 411	Computer architecture and logic design	3
CS 412	Advanced programming languages	3
CS 413	Computer graphics	3
CS 414	Artificial Intelligence Principles	3
CS 401	Design and analysis of algorithms	3
	ELECTIVE I	3
	Total	18

Semester 4

Course Code	Course Name	Credit Hours
CS 416	Computer communication and Networks	3
CS 417	Software engineering II	3
CS 418	Management information system	3
	ELECTIVE II	3
CS 419	Project	6
	Total	18

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.

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Introduction

- The role of Libraries in the growth and development of societies has been central. The study of civilizations indicates that nations who shifted the history have evolved their culture on the basis of wisdom derived from the knowledge base produced and conserved in archives and libraries. The Library Science has emerged as one of the ancient disciplines historically. The emergence of academic and research institutions particularly owe library as an innate organ of its structure. Schools, Colleges. Research and Language Academies and Universities particularly have libraries that need trained and professional HR. With the growth of libraries need for professional careers arose both in libraries and information centers. Accordingly, library and information centers emerged as vital discipline. The Libraries in Balochistan were being managed mostly by untrained librarians. With the passage of time the need for trained library professionals became evident.
- University of Balochistan launched its Department of Library Science (now Library and Information Science) in 1981. The Department started with offering Diploma in Library science (DLS) under the chairmanship of Dr. Iftikharuddin Khawaja. Master of Library Science (MLS) program was gradually started in 1984. Similarly Master of Library & information Science (MLIS) was introduced in 2006 by revoking DLS and MLS programs of study. The department has also started M.Phil Program in 2016.

Objectives

- To foster an environment of learning, practice and analysis for creating qualified and focused professionals in the subject of Library and Information Sciences, so that demands of the public and private sectors could be met accordingly.
- To foster the portfolios of research and teaching of Library and Information Sciences that can upgrade the quality of systems and tools for effectively managing and enhancing the libraries and information centers.

Job/Career Opportunities

- Educational institutions in the public / private sector.
- Government / Semi Government and non Governmental organizations.
- Libraries and information resource centers

Faculty Members

S.#	Name	Designation	Qualification
1.	Mr. Rehmatullah Khan Baloch	Incharge/ Assistant Professor	MLS & MA Economics
2.	Mr. Muhammad Ilyas	Assistant Professor	M. Phil
3.	Shamsa Mubeen	Assistant Professor	M. Phil
4..	Mr. Muhammad Tahir	Lecturer	MLS & M.A Archeology
5.	Mr. Muhammad Qasim	Lecturer	MLS & M.Com
6.	Mr. Abdul Baqi	Lecturer	MLS & M.A. IR
7.	Dr. Munazza Jabeen	Lecturer	Ph.D
8.	Muhammad Anwar	Lecturer	M.Phil

Program

- MLIS

Eligibility

- B.A / B. Sc. / B.Com

Semester Breakup**1st Semester**

Course Code	Course Title	Credits
LIS-601	Foundation of librarianship	1.5 (1.5-0)
LIS-602	Introduction to information science	3 (3-0)
LIS-603	Introduction to classification	3 (3-0)
LIS-604	Introduction to cataloguing	3 (3-0)
LIS-605	Management of libraries and information centers	3 (3-0)
LIS-606	Lis-606 reference and information sources and services	3(2-1)
EN-607	Functional English	1.5 (1.5-0)
Total Credits and marks		18

2nd Semester

Course Code	Course Title	Credits
LIS-608	Information technologies and libraries	3 (2-1)
LIS-609	Information literacy instruction	3 (2-1)
LIS-610	Applied classification	3 (2-1)
LIS-611	Applied cataloguing	3 (2-1)
LIS-612	Collection development	3 (2-1)
LIS-613	Advance management & leadership skills	3 (3-0)
Total Credits and marks		18

3rd Semester

Course code	Course Title	Credits
LIS-614	Research methods in library and information science	3 (2-1)
LIS-615	Communication skills	3 (3-0)
LIS-616	Personality development	3 (3-0)

Elective Courses

LIS-617	Archives and records management (offered)	3 (2-1)
LIS-618	Marketing of library and information revises (offered)	3 (3-0)
LIS-619	Management of serial publications (offered)	3 (2-1)
LIS-620	Management of information system (mis)	3 (2-1)
LIS-621	Resource sharing and networking	3 (2-1)
LIS-622	School libraries	3 (3-0)
Total Credits and marks		18

4th Semester

Course code	Course Title	Credits
LIS-623	Professional communication skills	3 (3-0)
LIS-624	Internship/practicum	3 (0-3)

Elective Courses

LIS-625	Academic libraries (offered)	3 (2-1)
LIS-626	Communication and media librarianship (offered)	3 (2-1)
LIS-627	Applied library automation (offered)	3 (2-1)
LIS-628	Indexing and abstracting (offered)	3 (2-1)
LIS-629	Special libraries	3 (3-0)
LIS-630	Public libraries	3 (3-0)
LIS-631	Literature on social sciences	3 (2-1)
LIS-632	Literature on science and technology	3 (2-1)
LIS-633	Thesis and viva voce	6 (0-6)
Total Credits and marks		18
Total Credits of 1st, 2nd, 3rd & 4th Semesters for 2 year Master of Library and Information Science.		72

N. B. The students can opt “Thesis” as an elective course in terms of obtaining required (CGPA) i.e. 2.50 OR otherwise, if the students are not willing to opt thesis then they will have to study the courses that are LIS-627& LIS 628.

Facilities

- **Departmental library:** The departmental library contains 1075 books and 350 theses for the learning, teaching and research purposes.
- **Computer / Internet:** A Computer lab of 10 Pentium IV and 10 Core i 5 with 10 Wireless LAN Card as well as Internet facility is available as a requirement of practical work to meet the objectives of curricula to promote research activities and academic achievements.
- **Multimedia / Over Head Projector:** Multimedia and Over Head Projector are available for academic and research activities.



Faculty of Life Sciences

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



INSTITUTE OF BIOCHEMISTRY

Introduction

- 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 has become an exciting and challenging subject.
- In the wake of the emerging needs at provincial level, the Institute of Biochemistry was established in 1986 initially. Since inception the institute has proven its academic and research credibility through nurturing high quality human resource in the relevant disciplines of Biochemistry. While following its institutional goals the institute has gradually evolved programs that is, incepted M.Sc. Biochemistry in 1992, BS (4-Years) in 2006. The institute also initiated M.Phil and PhD study programs.

Objectives:

- To prepare cadres of students in modern biological science such as Biochemistry/ Biotechnology who will be able to make a valuable beginning in diverse careers pertaining to discipline of biochemistry or other disciplines having a direct or indirect academic and research linkages.
- To place considerable emphasis on 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.

Job/Career Opportunities

- Pharmaceutical /food industries.
- Public/Private research Institutes/centers relating to medical and agriculture.
- Educational Institutions-College/University level.
- Balochistan at present has become a hub of socio-economic activities. 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 for Biochemistry graduates. Nationally also, research in biomedical sciences is attracting attention.

Faculty

S#	Name	Designation	Qualification
1	Dr. Mohammad Ayub	Associate Professor/ Director	Ph.D
2	Prof. Dr. M. Anwer Panezai	Professor	Ph.D
3	Prof. Dr. Zahid Mehmood	Professor	Ph.D
4	Prof. Dr. Ashif Sajjad	Professor	Ph.D
5	Dr. Muhammad Azam	Associate Professor	Ph.D
6	Dr. Noor Hassan	Assistant Professor	Ph.D
7	Dr. Imran Ali	Assistant Professor	Ph.D
8	Mr. Khalid Mehmood	Assistant Professor	M.Phil
9	Dr. Samira Khaliq	Lecturer	Ph.D
10	Dr. Sharif Hasni	Lecturer	Ph.D
11	Dr. Aamir Rasool	Lecturer	Ph.D
12	Mr. Zia-ur-Rehman	Lecturer	MS
13	Mr. M. Sharif Jamali	Lecturer	M.Sc
14	Mr. Mohammad Hashim Jan	Lecturer	M.Sc
15	Ms. Shahida Hussain	Lecturer	M.Sc
16	Mrs. Pari Gul	Lecturer	M.Sc

Program

- M.Sc.

Eligibility

- B.Sc. With Chemistry & Biology with 45% marks

Semester Breakup**Semester –I**

Course Code	Subject	Credit Hours
Eng-401	English	NC
BioC-402	General Haematology	4=(3-1)
BioC-403	Basic Biochemistry	3=(3-0)
BioC-404	Environmental Biochemistry	3=(3-0)
BioC-405	Bio-Organic Chemistry	4=(3-1)
BioC-406	Enzymology	4=(3-1)

Semester –II

Course Code	Subject	Credit Hours
BioC-407	Advance Biochemistry	3=(3-0)
BioC-408	Analytical Biochemistry-I	4=(3-1)
BioC-409	Molecular Biology	4=(3-1)
BioC-410	Biomolecules	4=(3-1)
BioC-411	Basic Biotechnology	4=(3-1)

Semester –III

Course Code	Subject	Credit Hours
BioC-412	Clinical Biochemistry	4=(3-1)
BioC-413	Analytical Biochemistry-II	4=(3-1)
BioC-414	Advance Molecular Biology	4=(3-1)
BioC-415	Cell Biology	4=(3-1)
BioC-416	Immunology	3=(3-0)

Semester –IV

Course Code	Subject	Credit Hours
BioC-417	Genomics	4=(3-1)
BioC-418	Cell Signalling	3=(3-0)
BioC-419	Bio-statistics	4=(3-1)
BioC-421	Research methodology	3=(3-0)
BioC-422	Research Thesis/ Practicals	4=(4-0)

Facilities:

- Well-equipped, purpose built laboratories. Major equipment 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.
- **Internet Facility.** Laboratories are equipped with internet facility.
- **Computer Laboratory.** A full-fledge computer laboratory equipped with 25 computer of high configuration complemented by internet facility.
- **Teaching Labs.** Three well equipped and modern labs along with supporting staff are available for conducting practical for BS and M.Sc programs.
- **Research Labs.** Four newly constructed labs with all modern facilities and a central lab, with many modern and updated research facilities are available for M.Phil and Ph.D scholars.
- **Departmental Library.** A newly constructed departmental library with approximately 3000 books and scientific journals available for the students.

DEPARTMENT OF BOTANY

Introduction

- 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. Plants life can be studied from different perspectives i.e., from the genetic, molecular and biochemical level through different cell organelles, tissues, organs, individuals, populations, and plant communities. Plants are also the mainstay of human and animal diets and provide medicines, gum, timber, paper, clothing, shelter, and energy.
- The department of botany was established in year 1979. In the beginning it was functioning as a department of Life Sciences. In 1980 the department of Botany was recognized as an exclusive department.
- The Department is aimed to impart training in the field of plant sciences at undergraduate and post graduate level. The academic program comprises of courses leading to M.Sc. degree as well as research for M.Phil and Ph.D. degrees and independent research projects are also undertaken by the faculty members.

Objectives

- To create and develop cadres of highly qualified and focused professionals in the subject of Botany so that to meet the future needs of educational institutions/ research organizations/ forestry/ horticulture.
- To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.

Job Opportunities

- Education Institutes, Colleges and Universities.
- Pharmaceutical Industry.
- Forests, Wild life, Agriculture and Horticulture, Floriculture.
- Research Organizations, Pakistan Agriculture Research Council (PARC), Arid Zone Research Institute (AZRI), Pakistan Council for Science & Industrial Research (PCSIR), Pakistan Meteorological Department (PMD).
- Public / Private Research Organizations.

Faculty Members

S. #	Name	Designation	Qualification
1	Dr. Muddasir Israr	Meritorious Professor & Dean Faculty of Life Sciences	Ph.D & Postdoc
2	Dr. A.K.K. Achakzai	Professor (TTS)	Ph.D
3	Dr. Atta Muhammad Sarangzai	Professor & Chairperson	Ph.D & Postdoc
4.	Dr. Mufakhir Jan	Professor	Ph.D
5.	Dr. Saeed-ur-Rehman	Professor	Ph.D
6.	Dr. Sadullah Laghari	Associate Professor	Ph.D
7.	Dr. Zahoor Ahmed Bazai	Associate Professor & Director QAC	Ph.D

8.	Dr. Ghazal Shaheen	Assistant Professor (on deputation)	Ph.D
9.	Mrs. Basira Akhtar	Assistant Professor	M.Phil
10.	Dr. Mohammad Younis	Associate Professor (TTS)	Ph.D & Postdoc
11.	Dr. Shamim Gul	Assistant Professor (TTS)	Ph.D
12.	Mrs. Shazia Saeed	Lecturer	M.Phil
13.	Mrs. Ayesha Masood	Lecturer	M.Phil
14.	Miss Kanval Shaukat	Lecturer (on study leave)	M.Phil
15.	Mrs. Shaista Anjum	Lecturer (on study leave)	M.Phil
16.	Miss Bakht Zareen	Assistant Professor (on leave)	M.Phil
17.	Mrs. Palwasha Achakzai	Assistant Professor	M.Phil
18.	Mr. Tariq Ismail	Research Officer (on study leave)	M.Sc.
19.	Mr. Ghous Bakhsh	Research Officer (on deputation leave)	M.Sc.

Program

- M.Sc

Eligibility

- B.Sc. with Botany with 45% marks

Semester Breakup

1st Semester

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 & Conservation	75	25
6	Plant Anatomy and Diversity of Vascular plants	75	25

2nd Semester

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,	75	25

	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.		
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Facilities

- The Department is fully equipped with modern sophisticated equipments. Following are the details
 - **Teaching Laboratories.** The Department of Botany has three general Laboratories. The supporting staff provides technical support and relevant equipments to the M.Sc. Students.
 - **Research Laboratories.** Nine research Laboratories in the field of Plant Physiology, Environmental Biology/Taxonomy, Economic Botany/Anatomy, Ecology, Genetics, Molecular Biology, Phytosociology and Dendrochronology have been developed with sophisticated equipment's.
 - **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.
 - **Sophisticated Equipment's.** Atomic Absorption Spectrometer, Environmental Chamber, High Performance Liquid Chromatography (HPLC), Electrophoresis, Thermal Cycler, U.V-Vis. Spectrophotometer, Biophotometer, Germinators, Weather Monitoring Station, Flame Photometer.
 - **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.
 - **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.
 - **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 downloaded.
 - **Research Journal.** The Department of Botany is associated with the International Society of Pure and Applied Biology (ISPAB) to publish a research journal entitled as Pure and Applied Biology (PAB). It is published quarterly.

DEPARTMENT OF MICROBIOLOGY

Introduction

- 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.
- It is 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.
- The Department of Microbiology was established in May 2006. The department is committed to 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.
- Currently the department offers B.S Microbiology, M.Sc Microbiology, M.Phil/M.S Microbiology and Ph.D Microbiology degree programs. Committed and qualified faculty of the department facilitates research scholars and also carries out innovative projects in diversified areas of Microbiology

Objectives

- To foster an environment that promotes learning through quality teaching and research while encouraging students to excel their professional skills, concepts and practices so that to comply with the emerging market needs in the public and private sectors.
- To provide qualified and focused professionals in the subject of Microbiology to meet the future needs of educational institutes and/or industries.

Job/Career Opportunities

- Food packaging and processing industry
- Quality control operations of safe drinking water
- Public Health Institutions
- Pharmaceutical Industry
- Diagnostic Laboratory Technicians / Experts
- Biological production industry
- Biotechnological interventions in environmental sciences like Bioremediation.
- Food safety authorities
- Environmental protection agency
- Agriculture research organizations

Faculty

- The details of faculty members are as under:

S.#	Name	Designation	Qualification
1	Dr. Abdul Malik Tareen	Assistant Professor	Ph.D
2	Dr. Fazal ur Rehman	Assistant Professor	Ph.D
3	Mr. Imran Nawaz Bugti	Assistant Professor	Ph.D
4	Dr. Ali Akbar	Assistant Professor	Ph.D
5	Dr. Kaleemullah Mandokhail	Associate Professor	Ph.D
6	Mr. Abdul Wadood	Assistant Professor	M.Phil
7	Mr. Mumtaz	Assistant Professor	M.Phil
8	Mr. Shabir Ahmed Khan	Lecturer	M.Phil
9	Mr. Mohammad Yasir (Leave)	Lecturer	M.Phil
10	Mr. Abdul Manan (on Leave)	Lecturer	M.S
11	Mr. M. Khanzeb (on Leave)	Lecturer	M.Sc
12	Ms. Hasina Wali (on Leave)	Lecturer	M.Sc
13	Ms. Rozina Rashid	Lecturer	M.Sc
14	Dr. Kifayatullah	Lecturer	M.Sc

Program

- M.Sc

Eligibility

B.Sc Zoology/ Botany/ Bio-chemistry/ Organic Chemistry with 45% marks

Semester Breakup

Semester-I

Code No.	Title	Credit Hours
MICB-401	General Microbiology	4
MICB-402	Mycology	4
MICB-403	Soil Microbiology	4
MICB-404	Bacterial Genetics	4
MICB-405	English	3

Semester-II

MICB-406	General Immunology	4
MICB-407	General Virology	4
MICB-408	Environmental Microbiology & Public Health	4
MICB-409	Cell and Tissue Culture Technology	3
MICB-410	Biostatistics	3

Semester-III

MICB-411	Diagnostic Chemistry of Microbial Diseases	4
MICB-412	Molecular Immunology	4
MICB-413	Microbial Technology	4
MICB-414	Food and Dairy Microbiology	3
MICB-415	Clinical Bacteriology	3

Semester-IV

MICB-416	Marine Microbiology	4
MICB-417	Parasitology	3
MICB-418	Diagnostic Virology	4
MICB-419	Research/Repot writing	6
MICB-420	Biotechnology (Optional)	3
MICB-421	Bioinformatics (Optional)	3
	Total	72

Facilities

- **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.
- **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
- **Computer Laboratory:-** The central computer laboratory of the University is located in the department of Physics and could also be used buy 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.
- **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.

DEPARTMENT OF ZOOLOGY

Introduction

- Zoology is the study of organism and their surrounding environment. Basically it is a combination of various disciplines such as Genetics, Physiology, Developmental Biology, Bio-nanotechnology, Parasitology, Entomology, Fisheries and Wild life etc. it plays pivotal role in socio-economic empowerment of poverty and in human resource development.
- The Department of Zoology was one of the pioneering disciplines in life sciences established in 1979. Doctor Maqsood Ali Ph. D (USA) was the first chairperson of the department. The department has crossed several milestones of its organizational milestones. It has diversified ways to engage motivated students across the province and other parts of the country. Currently the department offer graduate, post graduate and doctoral program in various disciplines of zoology.

Objectives

- To provide qualified and focused professional in the subject of Zoology research, practice and teaching to address the emerging needs of the public and private sectors educational institutes, industry and society generally.
- To impart knowledge of major disciplines of Zoology, enabling the students to understand the principle of organization and inter-relationship in the Biological system with particular references to animal diversity. vity.

Job Opportunities

- Teaching and Research in public and private organizations
- Forestry, Agriculture and Biological control program
- Integrated pest management
- Poultry, Fisheries and livestock industry.
- Wildlife management and conservation, Government/NGO
- Environmental conservation and protection agencies

Faculty Members

S.#	Name	Designation	Qualification
1	Dr. .Mohammad Iqbal Yasinzai	Professor/ Chairperson	Ph.D
2	Dr. Asmatullah kakar	Professor	Ph.D
3	Dr. Rehana Mushtaq	Professor	Ph.D
4	Dr. Asim Iqbal	Associate Professor	Ph.D
5	Dr. .Shahbuddin	Assistant Professor	Ph.D
6	Dr. Ghulam Dastagir	Assistant Professor	Ph.D
7	Dr. Wali Mohammad	Assistant Professor	Ph.D
8	Dr. Ambreen Shaheen	Assistant Professor	Ph.D
9	Mr. Zahoor Ahmed	Assistant Professor	M.Phil
10	Mr. Faizullah Khan.	Assistant Professor	M.Phil
11	Mr. Saeed Ahmed	Assistant Professor	M.Phil
12	Dr. Mahrukh Naseem	Assistant Professor	Ph.D

13	Ms. Tahsen Ara	Lecturer	M.Phil
14	Mr. Kashif Kamran	Museum curator	M.Phil

Program

- M.Sc

Eligibility

- B.Sc with Zoology & Chemistry with 45% marks

Semester Breakup

Semester I

Course No	Title	Credit hours
Zool-501	Cell Biology	3+1
Zool-502	Animal Diversity	2+1
Zool-503	Physiology	3+1
Zool-504	Biochemistry	2+1
Zool-505	Research Methodology	3+1
Total		18

Semester II

Course No	Title	Credit hours
Zool-601	Environmental Biology	3+1
Zool-602	Developmental Biology	3+1
Zool-603	Biostatistics	2+1
Zool-604	Zoogeography and Paleontology	2+1
Zool-605	Biotechnology and Informatics	3+1
Total		18

Semester III

Course No.	Title	Credit Hours
Zool-701	Wildlife ecology Conservation and management	3+1
Zool-702	Evolution	3
Zool-703	Genetics	2+1
	Elective-I	3+1
	Elective-II	3+1
Total		18

Semester IV

Course No.	Title	Credit Hours
	Elective-III	3+1
	Elective-IV	3+1
Zool-803	Wildlife ecology Conservation and management	3+1
Zool-803	Mammology / Project	3+1
	Total	16

Elective Courses

S.No	Title
1	Parasitology A
2	Entomology A
3	Fisheries Bionanotechnology A
4	Insect of Veterinary and Medical Importance
5	Economic Zoology
6	Parasitology B
7	Entomology B
8	Fisheries B
9	Bionanotechnology B

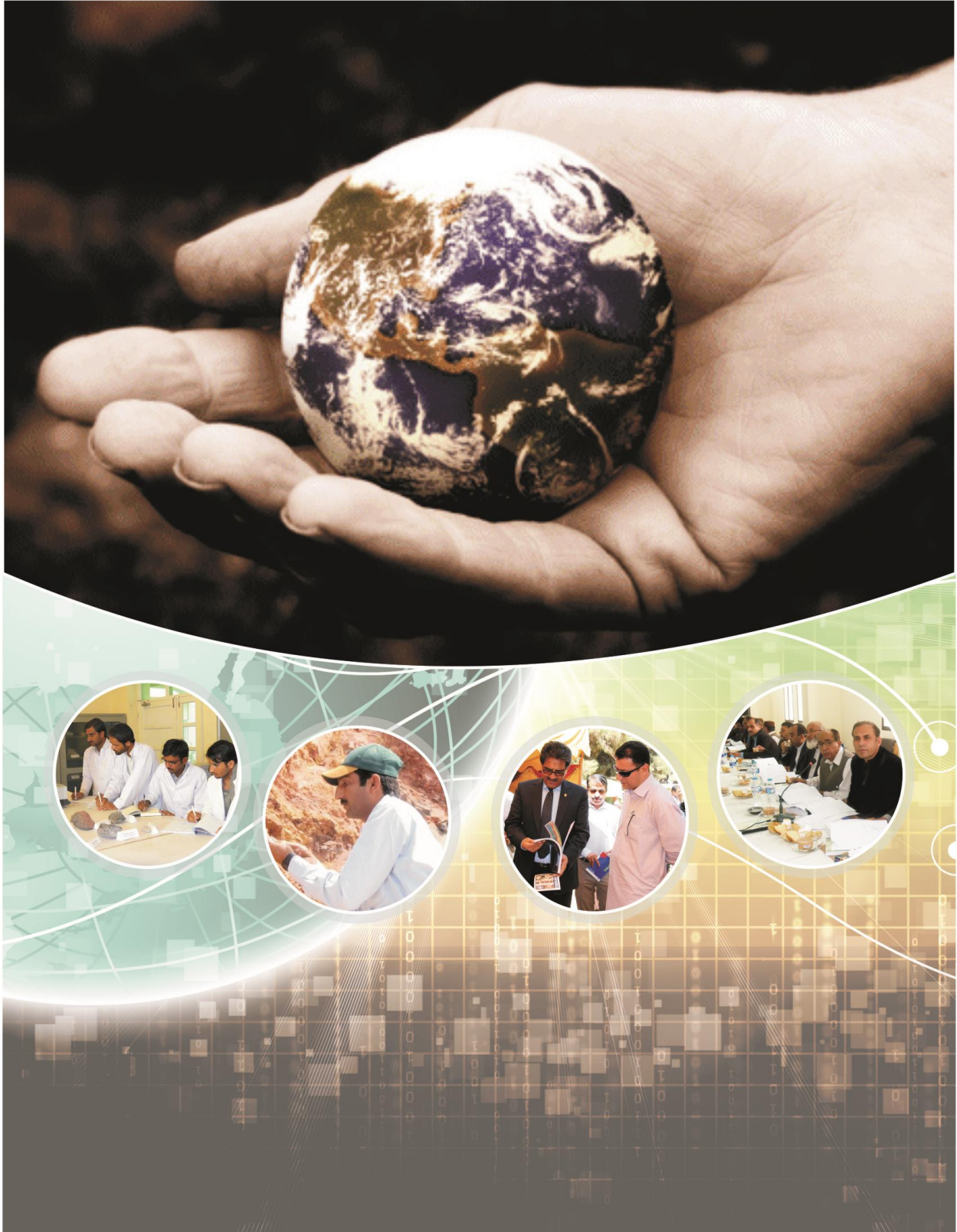
Facilities

- **Computer Laboratory:** An air conditioned computer lab, for the students is established, comprising 24 computers along with printer and internet Connectivity.
- **Department Library:** Department library under qualified librarian has more than 14580 books covering a wide range of discipline in Zoology for teaching and Research purposes are available
- **Zoology Museum:** Full-fledge wide range of collocation including stuff Animal and preserved animals for various respective courses are arranged.
- **Laboratories:** All basic biological research facilities are available including Central lab of faculty of life sciences.



Faculty of Earth & Environmental Sciences

- ◆ Department of Geology
- ◆ Department of Geography



DEPARTMENT OF GEOLOGY

Introduction

- 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.
- 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 4th Years (Applied Geology) Program is also offered.

Objectives

- 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.
- To prepare professional and skilled manpower in the field of Applied Geology, capable of carrying out geological field and analytical work independently.
- To provide training to plan and conduct goal-oriented research projects and assets their socio-economic aspects, achieve targets, write technical reports and scientific research papers and provide consultancy services.

Job Opportunities

- The graduates will have opportunities to work in the following organization: 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.
- The opening of new projects, such as Saindak Metals Limited, Rikho-Dic Copper-Gold Project, Gawadar Port, construction of darns, 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.

Faculty Members

S #	Name	Designation	Qualification
1	Dr. Muhammad Ibrahim Baloch	Professor	Ph.D
2	Dr. Muhammad Umar	Assistant Professor	Ph.D
3	Dr. Mohibullah	Lecturer	Ph.D
4	Mr. Muhammad Ayub Baloch	Asstt: Professor	M. Phil
5	Dr. Din Muhammad Kakar	Assistant Professor	M. Phil
6	Mr. Nasir Karim	Assistant Professor	M. Phil
7	Mr. Rahim Jan	Assistant Professor	M. Phil
8	Mr. Rahim-ud-Din	Lecturer	M. Phil
9	Mr. Tahir Iqbal	Lecturer	M. Phil
10	Ms. Shazia Fareed	Lecturer	M. Phil
11	Ms. Nazima Yousuf	Lecturer	M. Phil
12	Mr. Aminullah	Museum Curator	M. Phil
13	Khadija Nadimi	Lecturer	M.Sc.

Program

- M.Sc.

Eligibility

- B.Sc with Geology with 45% marks

Semester Breakup

Semester-I

Course Code	Course / Title	Credit Hours	Marks
Geol: 501	Geo-Tectonics	3	100
Geol: 502	Structural Geology	3	100
Geol: 503	Sedimentology	3	100
Geol: 504	Sequence Stratigraphy	3	100
Geol: 505	Mineralogy	3	100
Geol: 506	Igneous and Metamorphic Geology	3	100

Semester-II

Course Code	Course / Title	Credit Hours	Marks
Geol: 507	Geophysics		100
Geol: 508	Geochemistry	3	100
Geol: 509	Petroleum Geology	3	100
Geol: 510	Field Geology	3	100
Geol: 511	Economic Geology	3	100
Geol: 512	Geological Field Work-I	3	100

Semester-III

Code	Course / Title	Credit Hours	Marks
Geol: 601	Organic Geochemistry	3	100
Geol: 602	Environmental Geology	3	100
Geol: 603	Engineering Geology	3	100
Geol: 604	Hydrogeology	3	100
Geol: 605	Micropaleontology and Biostratigraphy	3	100

Semester-IV

Course Code	Course / Title	Credit Hours	Marks
Geol: 606	Geology of Pakistan	3	100
	Elective-I	3	100
Geol: 608	Thesis	3	100
Geol: 609	Research / Report Writing	3	100

List of Elective Courses

S.No	Subject / Title
1	Mineralogy and Petrology
2	Paleontology and Stratigraphy
3	Economic Geology
4	Engineering Geology
5	Petroleum Geology
6	Applied Geophysics
7	Geochemistry
8	Sedimentology
9	Hydrogeology
10	Industrial Mineralogy
11	Marine Geology
12	Environmental Geology
13	Structural, Tectonics and Neotectonics

Facilities

- **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).
- **Geochemistry Laboratory:** - This laboratory has some facilities for geochemical analysis. It is equipped with glassware and chemicals.
- **Petrography Laboratory:-** The petrography lab has facilities for megascopic analysis of minerals and rocks.

- **Microscopic Laboratory:-** This laboratory is well equipped for microscopic analysis of rocks and minerals. It contains transmitted and reflected research microscopes, polarizing microscopes and projected microscopes. One of the research microscopes has attached computer, display monitor and camera for obtaining microphotographs.
- **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 sizes, abrasive sands and other chemicals used for preparation of thin sections of rocks. Other equipment's include crusher, water distal plant and micro grinder.
- **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 University and internet. A large number of international research journals are also available on the Digital Library provided by the HEC, where students can download research articles of their interests.
- **Museum:-** 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

Introduction

- Geography is one of the old and mother disciplines that bridges physical and social sciences. It examines the interlocking systems of the natural and human environments; evaluates earth's potential and assesses the available means to exploit these potentials in a sustainable manner for the man's life. Geography explains human behavior in spatial terms at all levels from small scale personal activities to the geo-political practices of nation-states.
- The major essence of geography is to explain and map terrestrial processes at various spatial and temporal scales on the surface pertaining to physical and human environments.
- The GIS, Remote Sensing and Computer based Cartography skills help one to understand easily the human induced changes to the environment which threaten the balance of life itself.
- 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, M.Phil and Ph.D. Degrees. Apart from M.Sc. the Department of Geography offers higher studies of M.Phil. & Ph.D. programs. Since 2011, the Geography curriculum encompasses new programs including Environmental Sciences, Climate Change Studies, Disaster management and Resource Management.

Objectives

- To provide educational programs which encourage students to think creatively, constructively and to communicate ideas effectively so that to provide qualified and focused professionals in the subject of Geography to meet the future needs of educational institutions and field oriented research departments.
- To foster an environment that promotes learning, research and practice through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.

Job Opportunities

- There is a lot of demand of Geography's graduates in various sectors and are reported competitive and well performers. A few employment opportunities institutions are listed below.
 - All educational and research institutions
 - Planning and Development Departments
 - Firms consulting on environmental problems
 - Institutions needing Environmental Analysts
 - As a GIS Analyst in Corporation Operating GIS
 - Census Organizations: Population, Agricultural and etc.
 - Government Strategic Policy Analysis Departments
 - Armed Forces (Air Force, Navy and Army).
 - Natural Resource Management (NRM)
 - GSP and Survey of Pakistan

- Meteorological Observatories of Pakistan
- Tourism Departments
- Crisis Management Cells
- National Disaster management Authority (NDMA)
- Educational Institutions
- SUPARCO
- As a Social organizer in NGOs.
- Rural Development & Local Government
- UNDP

Faculty Members

S.#	Teacher's Name	Designation	Qualification
1	Prof. Dr. Iftikhar Ahmad	Professor / Dean Faculty of Earth & Environmental Sciences	Ph.D
2	Dr. Romana Ambreen	Associate Professor	Ph.D
3	Dr. Muhammad Nawaz	Assistant Professor	Ph.D
4	Dr. Ahmad Saeed	Assistant Professor	Ph.D
5	Dr. Said Qasim	Assistant Professor	Ph.D
6	Mr. Taleem Badshah Khattak	Assistant Professor/ Chairperson	M.Sc
7	Mrs. Abida Achakzai	Lecturer	M.Phil
8	Mr. Sanaullah Panezai	Lecturer	MS
9	Ms. Nargis Kamal	Lecturer	MS

Program

- M.Sc.

Eligibility

- B.A/B.Sc with Geography

Semester Breakup

Semester-I

S.#	Course Code	Course Title	Cr. Hrs.
1	Geog. 601	Geomorphology	3(3-0)
2	Geog. 602	Climatology	3(3-0)
3	Geog. 603	Human Geography	3(3-0)
4	Geog. 604	Principles of Cartography & Map Interpretation	3(2-1)
5	Geog. 605	Economic geography	3(3-0)
6	Geog. 606	Functional English	2(2-0)
	Total		17

Semester-II

S.#	Course Code	Course Title	Cr. Hrs.
1	Geog. 607	Development of Geographic Thoughts	3(3-0)
2	Geog. 608	Principles of Geographic Information	3(2-1)
3	Geog. 609	Geography of Disaster Management	3(3-0)
4	Geog. 610	Geography of Settlements	3(3-0)
5	Geog. 611	Physical Oceanography	3(3-0)
6	Geog. 612	Geography of Pakistan	3(3-0)
	Total		18

Semester-III

S.#	Course Code	Course Title	Cr. Hrs.
1	Geog. 613	Research Techniques	3(3-0)
2	Geog. 614	Quantitative Methods	3(2-1)
3	Geog. 615	Population Geography	3(3-0)
4	Geog. 616	Principles of Remote Sensing	3(2-1)
5	Geog. 617	Political Geography	3(3-0)
6	Geog. 618	Maps & Air-photos Interpretation	3(2-1)
	Total		18

Semester-IV Specialization Group-I (Physical Geography)

S.#	Course Code	Course Title	Cr. Hrs.
1	Geog. 619	Techniques in Geomorphology	3(3-0)
2	Geog. 620	Applied Geomorphology	3(3-0)
3	Geog. 621	Principles of Climate Change	3(3-0)
4	Geog. 625	Field Work	6
	Total		13

Semester-IV Specialization Group –II (Planning)

S.#	Course Code	Course Title	Cr. Hrs.
1	Geog. 622	Regional Planning	3(3-0)
2	Geog. 623	Urban Planning	3(3-0)
3	Geog. 624	Environmental Planning & Management	3(3-0)
4	Geog. 625	Field Work	6
	Total		15

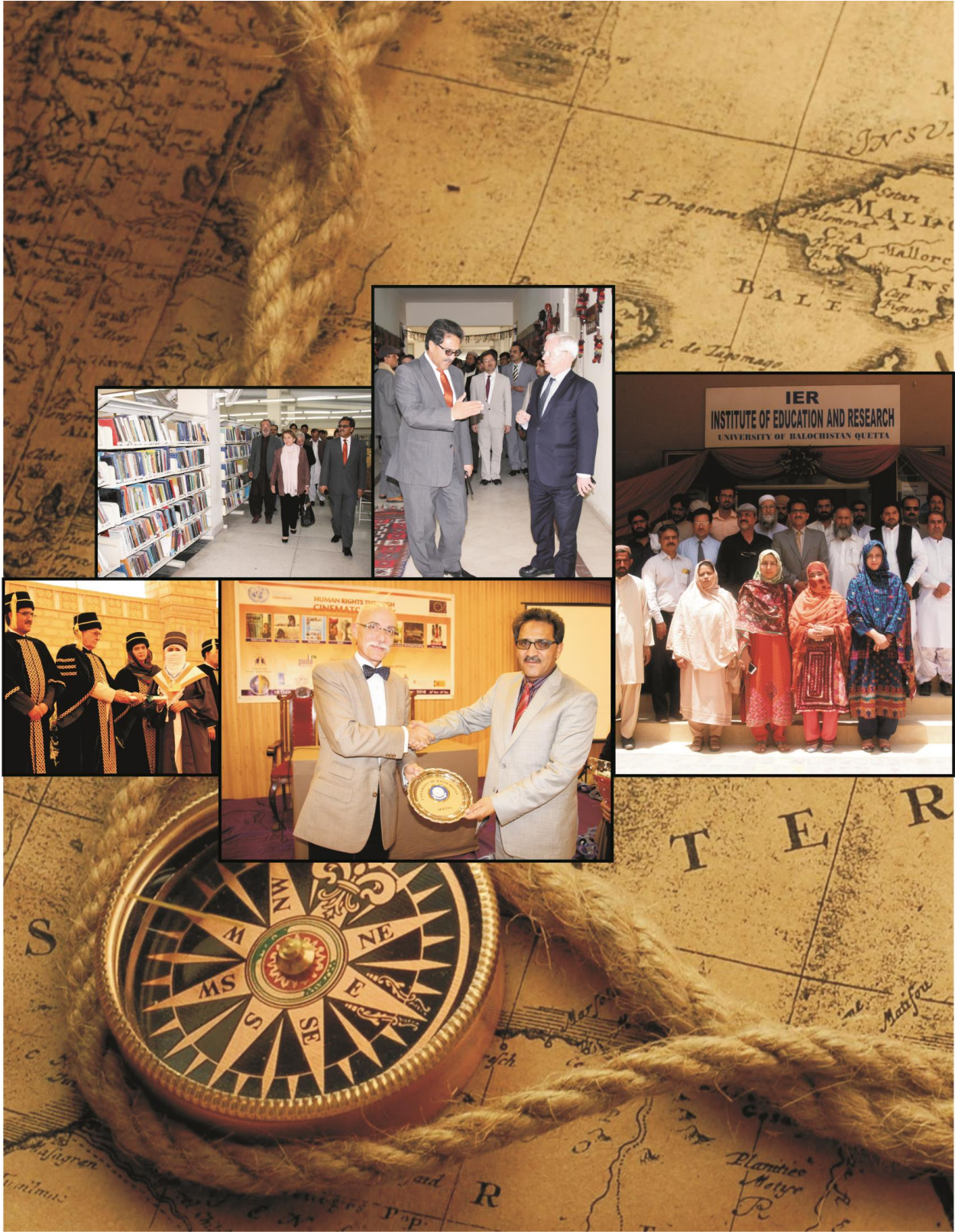
Facilities

- **Laboratories:** The department has the facilities of various laboratories like;
 - Meteorological Laboratory
 - GIS and RS Laboratory
 - Cartographic Lab
 - Geomorphological Lab. (Combined use the Geology Department's museum for Identification of rock samples)
- **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.

The background of the slide is a vintage, sepia-toned map of the Balearic Islands. The map shows the islands of Majorca, Minorca, and Ibiza, with various geographical features and place names. A thick, light-colored rope is knotted across the bottom right portion of the map. The text 'Faculty of Education & Humanities' is overlaid on the map in a white, sans-serif font.

Faculty of Education & Humanities

- ◆ Institute of Education & Research (IER)
- ◆ Department of Gender Development Studies
- ◆ Department of History
- ◆ Department of Islamic Studies
- ◆ Department of Media Studies
- ◆ Department of Philosophy
- ◆ Department of Psychology



INSTITUTE OF EDUCATION AND RESEARCH - (IER)

Introduction:

- The discipline of education is a foundation subject in social sciences crucially contributing towards the national development. Education is concerned with human resource development for efficient functioning of educational system. It is founded on scientific study of human behavior including teacher and students and the functioning of educational organizations at all levels. It covers all aspects of educational system from academic performance to zeal and motivation among teachers and students. Education is inter-disciplinary in its nature and has concern with human psychology, organizational behavior, leadership, economics of education, testing and measuring the performance of individual and institutions. Discipline of education is eligible to develop a boarder perspective among its students to prepare them for leadership roles to bring about positive social change in the educational institutions and society.
- The Department education started Master of Education (M.Ed) program in 1976 to extend opportunities for an advance degree in the discipline of Education. Similarly one year M.Ed, and B.Ed Evening program on Self-Finance were launched in 1999 and Master of Arts in Education (M.A Education) Program of studies was introduced in 2005 to provide pre-Service teacher Education and training. The new Program ADE/ B.Ed (Hons) was introduced by the support of USAID & Pre-STEP in 2011.
- The Department of Education was upgraded as Institute of Education and Research (IER) in 2015. The institute comprises three broad Departments. The institute has revised and updated programs for B.Ed, B.Ed (H) & M.Ed and different specializations has been initiated in M.Ed Program.

Objectives

- To develop professional teachers, educationists, researchers and practitioners with profound theoretical knowledge and understanding, combined with practical skills, competencies and commitment to educate and teach.
- To inculcate the skills and attitudes of enquiry and seek the research based knowledge and with a view to improve teaching and learning in schools of the public and private sectors.

Faculty

S.#	Name	Designation	Qualification
1.	Mr. Abdul Nasir Kiazai	Director IER/ Assistant Professor	M. Phil/ M.Ed. M.A / LLB, Ph.D. Scholar (HU) Karachi
2.	Mrs. Amir Bano	Chairperson / Assistant Professor Dept: of Higher Edu.	M. Phil/ M.Ed Ph.D. Scholar (Priston University) Islamabad
3.	Mr. Dost Mohammad Tareen	Chairperson / Assistant Professor Dept: of Special Edu.	M.Phil / M.A (Eng. Lit) M.Sc.(Math)

S.#	Name	Designation	Qualification
4.	Ms. Bushra Batool	Chairperson/ Lecturer Dept: of Education	M.Ed / M.Sc M.Phil Scholar UOB
5.	Mrs. Shireen Taj	Assistant Professor	M.Ed./ M.Phil Scholar UOB
6.	Dr. Sajida Noureen	Assistant Professor	Ph.D.
7.	Ms. Zahida Abdullah	Lecturer	M.Ed. /M.Sc M.Phil leading to Ph.D Scholar (IIU) Islamabad
8.	Ms. Syeda Basit Anjum	Lecturer	M.Ed. / M.A M.Phil leading to Ph.D Scholar (UMT) Lahore
9.	Ms. Ayesha Akbar Gilani	Lecturer	M.Ed. / M.Sc.
10.	Mr. Ashraf Nasir	Lecturer	M.A Education M.Phil leading to Ph.D Scholar (GU) UK.
11.	Ms. Khalida Panezai	Lecturer	M.Ed / M.Sc M.Phil Scholar UOB
12.	Mr. Abdul Qadoos	Lecturer	M.Phil Master of Technology Education (MTE), IER University of Punjab.
13.	Ms. Nadia Ali	Lecturer	M.A Education M.A English Literature M.Phil Scholar
14.	Ms. Shumaila Dad	Lecturer	M.A Education M.A IR M.Phil Scholar
15.	Mr. Abdul Wahab	Lecturer	M.Phil Scholar M.Ed M.A Sociology

Programs

- M.Ed. (Morning) 1 year (02 semester Program)
- M.Ed. (Evening) 1 year (02 semester Program)
- B.Ed. (H) (Evening) One and Half year (03 semester Program)
- B.Ed (H) (Evening) Two & Half years (05 semester Program)

Eligibility

- M.Ed (Morning) B.Ed. (2nd Div)
- M.Ed (Evening) B.Ed. (2nd Div)
- B.Ed. (Hons) (Evening) Secondary, 3 Semester/1.5 Year Program for entrants with 16 years of Education (Academic Disciplines other than Education). (2nd Div) 45% Marks

- B.Ed. (Hons) (Evening) Secondary, 5 Semester/2.5 Year Program for entrants with 14 years of Education (Academic Disciplines other than Education). (2nd Div) 45% Marks

Semester Breakup

Course Code	Course Name	Semester	Credit Hours	Marks
601	Foundation of Education	1 st semester	04	100
602	Research Methods and Statistics in Education		04	100
603	Curriculum Development		04	100
604	Guidance and Counseling		04	100
605	Educational Administration & Supervision		04	100
606	Measurement & Evaluation in Education	2 nd semester	04	100
607	Modern Instructional Strategies		04	100
608	Gender Education		04	100
609	Functional English		02	50
610	Research paper		06	100
	Total		40	950

Note: The Research paper writing students should complete under the supervision of the assigned supervisors, finally the viva voce and presentation conduct by the department through Examination branch and external and internal examiners take the viva voce and presentations.

B.Ed (2 & half year) 05 Semester Program (Self Finance): B.Ed. (Hons) Secondary, 5 Semester/2.5 Year Program for entrants with 14 years of Education (Academic Disciplines other than Education)

Course Code	Title of Course	Credit Hours
Bridging Semester		
DOE-501	English (Technical Writing and Presentation Skills)	03
DOE-502	Teaching Literacy	03
DOE-503	Classroom Management	03
DOE-504	Society, School and Teacher	03
DOE-505	General Methods of Teaching (Professional)	03
DOE-506	Information Communication Technology (ICT) in Education (Foundation)	03
1st Semester		
DOE-507	Philosophy of Education	03

DOE-508	Critical Thinking and Reflective Practices (Foundation)	03
DOE-509	Testing & Assessment in Education (Professional)	03
DOE-510	Psychology of Education & Guidance	03
DOE-511	Academic Content – Course I (Discipline-I)	03
DOE-512	Academic Content – Course I (Discipline-II)	03
2nd Semester		
DOE-513	Curriculum Planning and Development (Professional)	03
DOE-514	Perspectives on Teacher Education (professional)	03
DOE-515	Contemporary Trends and Issues in Education	03
DOE-516	Inclusive Education	03
DOE-517	Academic Content – Course II (Discipline-I)	03
DOE-518	Academic Content – Course II (Discipline-II)	03
3rd Semester		
DOE-611	Comparative Education	03
DOE-612	Research Methods in Education (Professional)	03
DOE-613	Secondary Education in Pakistan	03
DOE-614	Educational Policy & Planning	03
DOE-615	Academic Content – Course III (Discipline-I)	03
DOE-616	Academic Content – Course III (Discipline-II)	03
4th Semester		
DOE-617	Research Project (Content embedded) (Professional)	03
DOE-618	Educational Leadership and Management (Professional)	03
DOE-619	Pedagogy – I (Discipline-I)	03
DOE-620	Pedagogy – II (Discipline-II)	03
DOE-621	Practicum (Long Term)	06
	Total Credit Hours	90

Overall Credits: 90 (Bridging 18 + 72 in Four Semesters)

For Lab and field work courses, 1 credit per course will be allocated.

Credits for Education Major = 60

Credits for selected Content Specialization= 30

SPECIFICATION OF DISCIPLINE

Group 1. *SCIENCE	Group 2. SOCIAL SCIENCES	Group 3. LANGUAGE AND LITERATURE
<ul style="list-style-type: none"> • Biology • Chemistry • Computer Science • Mathematics • Physics 	<ul style="list-style-type: none"> • Civics • Economics • Geography • Islamic Studies • Pakistan Studies • Psychology • Sociology 	<ul style="list-style-type: none"> • English • Urdu

***Prerequisites Qualification:** The candidates who wish to select a subject from group 1 are required to have studied the same subject at F.Sc. level.

Each subject will be extended to **3** content and **1** pedagogy courses along with practicum, amounting to 15 credit hours.

B.Ed (1 & half year) 03 Semester Program (Self Finance): B.Ed. (Hons) Secondary, 3 Semester/1.5 Year Program for entrants with 16 years of Education (Academic Disciplines other than Education)

Course Code	Title of Course	Credit Hours
1st Semester		
DOE-351	Philosophy of Education (Foundation)	03
DOE-352	Psychology of Education & Guidance (Foundation)	03
DOE-353	General Methods of Teaching (Professional)	03
DOE-354	Critical Thinking and Reflective Practices (Professional)	03
DOE-355	Area of Specialization – Course –I	03
DOE-356	Area of Specialization – Course –II	03
2nd Semester		
DOE-357	Educational Assessment and Evaluation (Professional)	03
DOE-358	Curriculum Development (Foundation)	03
DOE-359	Perspectives on Teacher Education (Professional)	03
DOE-360	Research Methods in Education (Professional)	03
DOE-361	Area of Specialization –Course –III	03
DOE-362	Micro-Teaching and Pedagogy (Professional)	03
3rd Semester		
DOE-363	Inclusive Education (Professional)	03
DOE-364	Teaching Practice (professional)	03
DOE-365	Research Project (Professional)	03
DOE-366	Educational Leadership and Management (Professional)	03
DOE-367	Citizenship and Community Engagement	03
DOE-368	Area of Specialization –Course- IV	03
	Total Credit Hours	52

Facilities

- **Computer Laboratory:** Institute has well established computer laboratory equipped with Multimedia, 12 latest version computers (Core i5), 11 Laptop Trolley connected with Internet, printers and IWB, which can be used by research scholars and faculty.
- **Departmental Library:** The Institute Library is managed by a qualified librarian and has over 5000 Books covering a wide range of disciplines in Education for teaching and research purposes. The Institute Library also possesses research journals of social sciences like, Balochistan studies Journal, PJR Punjab Journal Review and Sindh University Journal Review.
- **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.
- **Committee Room:** A Committee room equipped with all the modern facilities Including slides, overhead projector, multimedia, IWB. and computer connected with internet and printer.

- **Security Measures:** The institute as taken serious action regarding security measures, the whole Institute critical openings are grilled for the security purpose and fixed the grills on all windows and opening doors, and also fixed the 04 security cameras in all corridors.
- **Science Laboratory:** The Science Laboratory of the Institute has essential equipment and apparatus for practical work in the science subjects at secondary level.
- **Instructional Aids:**
 - Computers
 - Printers
 - Multimedia
 - OHPs
 - Screens
 - Photocopier
 - Laptops
 - Cameras
 - Scanner
 - IWB (Interactive White Board)
 - Wi-Fi Router
 - USB
 - Hard Drive

GENDER AND DEVELOPMENT STUDIES

Introduction

- Gender and Development Studies (GDS) aims at creating gender awareness and recognizing women's lived experiences and ambitions by placing them at the centre of social inquiry. It seeks social justice for the marginalized sections of the society and advocates for their human rights. Students in Gender Studies are expected to engage in the production of knowledge that emerges from feminist critique of social, cultural and institutional structures that promote patriarchy and disempowered women and other genders. It comprehends that the global and transnational understanding of women's situation is essential to promote interconnections between women at all levels. It considers that development in Pakistan would occur in general and particularly for women when all genders are mobilized in the change-making effort. 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 highlights both the need for specialized academic degree awarding studies in gender and development, and the integration of gender analysis in University of Balochistan's other fields of study.
- The evolution of GDS follows a gradual development from concept to the practice. As Women Studies Centre was established at University of Balochistan in 1988, which became active in 1994. It was raised to the level of department in 2003. In 2007, it was re-designated as Gender and Development Studies department.

Objectives

- To critically analyze the social construction of gender and apply this understanding to deconstruct gender inequality and patriarchy at different societal levels and state's institutional structures.
- To develop cadres of motivated young students who will relate their knowledge, skills and understanding for making society more peaceful, pluralistic and encouraging place through gender justice both in the social and state structures.

Job Opportunities

- Public (educational and research institutes)
- Women Development Organizations
- Education Department
- (NGOs,
- INGOs,
- UN agencies).

Faculty Members

S. #	Name	Designation	Qualification
1.	Mr. Aurangzaib Alizai	Lecturer (Chairperson)	M.A Sociology, M.Sc. Gender and Development Studies
2.	Mrs. Rubeena Batool	Lecturer	M.A. International Relations
3.	Mrs. Nasreen Samar	Lecturer	M.A, M.Phil Sociology
4.	Dr. Shahida Habib Alizai	Lecturer	Ph.D. Gender Studies
5.	Mr. Shah Khalid	Lecturer	M.A. Social Work
6.	Mrs. Shahida Durrani	Senior Research Officer	M.A. Political Science, Pashto

Program

- M.Sc

Eligibility

- Bachelor's Degree in Social Sciences, Education and Humanities with 45% marks

Semester Breakup

First Semester

Course Code	Course Title	Credit Hours
GDS-601	Introduction to Gender Studies (C)	3
GDS-602	Social Construction of Gender (C)	3
GDS-603	Feminist Theories and Movements (C)	3
GDS-604	Elective I	3
GDS-605	Elective II	3
GDS-606	Elective III	3
	Active Citizens	Noncredit
	Sub Total	18

Second Semester

Course Code	Course Title	Credit Hours
GDS-607	Feminist Research Methods (C)	3
GDS-608	Gender and Human Rights (C)	3
GDS-609	Gender and Politics (C)	3
GDS-610	Elective IV	3
GDS-611	Elective V	3
EN-612	Functional English (C)	2
	Social Action Project (SAP)	Noncredit
	Sub Total	17

Third Semester

Course Code	Course Title	Credit Hours
GDS-613	Gender and Development: International Strategies (C)	3
GDS-614	Research Proposal Writing (C)	3
GDS-615	Gender, Religion and Society (C)	3
GDS-616	Elective VI	3

GDS-617	Elective VII	3
GDS-618	Internship (C)	1
	Sub Total	16

Fourth Semester

Course Code	Course Title	Credit Hours
GDS-619	Gender and Development in Pakistan (C)	3
GDS-620	Gender and Law in Pakistan (C)	3
GDS-621	Elective VIII	3
GDS-622	Research Thesis (C)	6
	Sub Total	15

Total No. of Credit Hours	66	
Semester Duration	16-18 weeks	
Number of Regular Semesters	4	
Total Duration of Program	2 years	
Number of winter Semester	1 in one calendar year	
Course load per Semester	15-18 Credit Hours	
Category	No. of Courses	Credit Hours
Core Courses including Internship and Research Project	14	42
Optional Courses	8	24
Total	22	66
List of Core Courses	List of Elective Courses	
Introduction to Gender Studies	Gender Based Violence	
Social Construction of Gender	Gender and Media	
Feminist Theories and Movements	Gender and Psychology	
Feminist Research Methods	Gender and Health	
Gender and Human Rights	Gender and Rural Development	
Gender and Politics	Women's History in South Asia	
Gender Development: International Strategies	Gender and Education	
Research Proposal Writing	Gender and Work	
Gender, Religion and Society	Gender and Environment	
Gender and Development in Pakistan	Gender and Literature	
Gender and Law in Pakistan	Gender, Technology & Entrepreneurship	
Internship	Gender and Art	
Research Project	Gender and Peace Building	
	Role and Status of Women in Balochistan	

Facilities

- Departmental library is equipped with latest and relevant books on the subject. The department has a seminar room, audio visual system along with number of documentaries. It has an equipped computer lab which is connected with internet and has access to central library, University of Balochistan as well as to the library of Higher Education of Pakistan.

DEPARTMENT OF HISTORY

Introduction

- 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 term and to explain the present in light of the past for the 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 concern everything that exist or has existed. Students of history learn how to ask pertinent questions to society and to find answer through research and logical thought. Individually as well collectively, they also become able to know how to utilize past experiences better future planning.
- The Department of History, University of Balochsitan was established in the year March, 1987. In the first batch M.A programs was delivered. The department has developed cadres of high motivated human resource who are serving in the various public and private sector organizations and institutions. Department has now adequately expanded its profile while initiating M.Phil and Ph.D programs.

Objectives

- To provide qualified and focused in History to meet the future of educational institutes & research organizations.
- To provide educational program this encourages student to think creatively, constructively and to communicate their ideas effectively.

Job Opportunities

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

Faculty Members

S.#	Name	Designation	Qualification
1	Dr. Saeeda Mengal	Assistant Professor/ Chairperson	Ph.D.
2	Dr. Kaleemullah Bareach	Professor	Ph.D.
3	Mr. Muhammad Javed Sarparah	Lecturer	M.A
4	Mr. Muhammad Asif	Lecturer	M.A
5	Mr. Muhammad Asif Kakar	Lecturer	M.A
6	Mr. Aziz Ahmed	Lecturer	M.A
7	Mr. Jahanzaib Sheikh	Lecturer	M.A
8	Mr. Mohammad Ali	Lecturer	M.A
9	Mr. Muhammad Tariq	Lecture	M.A

Program

- M.A

Eligibility

- B.A/ B.Sc with 45% marks

Semester Breakup**First Semester**

Course	Course Title	Credit
HIS601	Historiography	3(3-0)
HIS602	Early History of Islam (570-661)	3(3-0)
HIS603	Muslim rule in India (712-1526)	3(3-0)
HIS604	History of Freedom Movement in Indian subcontinent 1857-1947	3(3-0)
HIS605	Early medieval Europe (1453-1789)	3(3-0)
ENG601	Functional English	2(2-0)
Total		(17)

Second Semester

Course	Course Title	Credit
HIS606	Philosophy of History	3(3-0)
HIS607	The Great Mughals (1526-1707)	3(3-0)
HIS608	History of Pakistan (1947-1971)	3(3-0)
HIS609	History of Umayyad's (661-750)	3(3-0)
HIS610	History of Europe (1789-1890 A.D)	3(3-0)
Total		(15)

Third Semester

Course	Course Title	Credit
HIS611	Research Methodology	3(3-0)
HIS612	History of Abbasids (750-1258)	3(3-0)
HIS613	History of Pakistan (1971-upto date)	3(3-0)
HIS614	History of Europe (1891-1945 A.D)	3(3-0)
HIS615	History of Balochistan part-I	3(3-0)
Total		(15)

Fourth Semester

Course	Course Title	Credit
HIS616	History of Balochistan Part-II	3(3-0)
HIS6117	Later Mughal and British 1707-1857	3(3-0)
HIS618	History of America after world war 2 nd	3(3-0)
HIS619	Research Paper and Presentation	6(6-0)
Total		(15)

DEPARTMENT OF ISLAMIC STUDIES

Introduction

- 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.
- Established in 1973, the department of Islamic Studies has excelled its institutional capabilities educate scores of young students from various backgrounds. Prof. Rashid Ahmed (Late) was the first Chairperson 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. In 1981, the department was shifted to the University Campus.
- The department offers study programs in M.A, M.Phil and Ph.D. Students for all the disciplines attend the courses as a regular feature of the department.

Objectives

- To provide qualified and focused professionals in Islamic studies to meet the future needs of educational institutes.
- To produce highly qualified scholars 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.

Job Opportunities

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

Faculty Members

S.#	Name	Designation	Qualification
1	Dr. Sahibzada Baz Muhammad	Lecturer/ Incharge of Department	Ph.D
2.	Dr. Abdul Ali Achakzai	Professor/ Dean (Faculty of Education & Humanities)	Ph.D
3.	Dr. Abdul Malik Agha	Professor	Ph.D
4.	Dr. Imam-ud-Din	Assistant Professor	Ph.D
5.	Mr. Rehmatullah	Assistant Professor	M.Phil
6.	Mrs. Farah Batool	Lecturer	M.Phil
7.	Mrs. Shabana Qazi	Lecturer	M.Phil
8.	Mrs. Tahira Firdous	Lecturer	M.Phil

Program

- M.A

Eligibility

- B.A/B.Sc with 45% marks

Semester Breakup

CREDIT HOURS	COURSE TITLE	COURSE CODE	S.NO
3(3-0)	اسلامی تصوف	ISL-614	1
3(3-0)	جدید دنیائے اسلام	ISL-615	2
3(3-0)	دعوت و ارشاد	ISL-622	3
3(3-0)	اسلام اور سائنس	ISL-623	4

Total No; of Elective Courses : 04

SEMESTER BASED COURSES

﴿ Semester 1st ﴾

CREDIT HOURS	COURSE TITLE	COURSE CODE	S.NO
3(3-0)	علوم القرآن	ISL-601	1
3(3-0)	تاریخ تفسیر	ISL-602	2
3(3-0)	علوم الحدیث	ISL-603	3
3(3-0)	عربی گرامر (حصہ اول)	ISL-604	4
3(3-0)	مطالعہ متن فقہ	ISL-605	5
2(2-0)	FUNCTIONAL ENGLISH	EN-606	6

TOTAL= 17

﴿ Semester 2nd ﴾

CREDIT HOURS	COURSE TITLE	COURSE CODE	S.NO
3(3-0)	اصول فقہ	ISL-607	7
3(3-0)	تاریخ فقہ	ISL-608	8
3(3-0)	ترجمہ و تفسیر قرآن	ISL-609	9
3(3-0)	متن حدیث	ISL-610	10
3(3-0)	عربی گرامر (حصہ دوم)	ISL-611	11
3(3-0)	تاریخ تمدن اسلام	ISL-612	12

﴿Semester 3rd﴾

CREDIT HOURS	COURSE TITLE	COURSE CODE	S.NO
3(3-0)	تقابل ادیان	ISL-613	13
3(3-0)	کسی ایک مضمون کا انتخاب کریں		
	1. اسلامی تصوف	ISL-614	14
	2. جدید دنیائے اسلام	ISL-615	15
3(3-0)	مطالعہ سیرت النبی ﷺ	ISL-616	16
3(3-0)	عربی متن (حصہ اول)	ISL-617	17
3(3-0)	تاریخ اسلام	ISL-618	18
3(3-0)	علوم اسلامیہ میں منج تحقیق	ISL-619	19

TOTAL: 18

﴿Semester 4th﴾

CREDIT HOURS	COURSE TITLE	COURSE CODE	S.NO
3(3-0)	عربی متن (حصہ دوم)	ISL-620	20
3(3-0)	اسلامی معاشی افکار	ISL-621	21
3(3-0)	کسی ایک مضمون کا انتخاب کریں		
	1. دعوت دارشاد	ISL-622	22
	2. اسلام اور سائنس	ISL-623	23
2(2-0)	کمپیوٹر	ISL-624	24
6(6-0)	THESIS & PRESENTATION	ISL-625	25

Total : 17

TOTAL CREDIT HOURS: 70

Facilities:

- **Departmental Library:** The Library of the Department 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.
- **Internet Facility:** The internet facility is available in the office of Chairperson. It can be used at any time to get information and knowledge according to the requirements of the faculty members and students.

DEPARTMENT OF MEDIA STUDIES

Introduction:

- During the last two decades, media studies have been emerged as one of the most important field of studies. The conventional narratives and tools of communication and journalism are almost transformed. The subject of mass media is a system of interrelated forces, including historical foundations, technological advances, economic dynamics, regulatory constraints, and ethical concerns.
- The Department of Media Studies (previously known as Mass Communication was established in January 1987 by Dr. Professor Seemi Naghmana Tahir. The department initiated regular teaching in March 1987 with a small faculty of three persons, which has now grown manifolds.
- The Department of Media Studies offers two years Master's program comprising four semesters in Media Studies to cater the needs of print and electronic media industry. Hundreds of students graduated from this Department since 1989 are performing in different media organizations i.e. Radio, Television, Newspapers, Directorate of Public Relations, and Public Relations Wings of various provincial and federal government departments, and even some of the students of Media Studies Department, University of Balochistan own their newspapers. Courses offered by the Department cater to the future challenges of the professional. Print and Electronic media, Social Media, Public Relations, Development Support Communication, Research, Advertising and Magazine Production are some of the major subjects taught keeping in view the marketability needs of the industry.

Objectives:

- To study contemporary knowledge of communication theories, principles and strategies of communication, to be efficient communicators, media managers, administrators and researchers.
- To seek inspiration from contributions of eminent regional journalists and scholars in the field of journalism and to inculcate professional skills of managing media, reporting, public relations, advertising, development communication, newspaper.
- To demonstrate an understanding of current media technologies and their capabilities, limitations and implications from multiple perspectives, including that of producer, participant and audience.

Job/Career Opportunities

- **Print Media:** Newspapers & Magazines (newspapers and magazines in the capacity of reporters, sub-editors, news editors, assistant editors, heads of various editions including web etc.)
- **Electronic Media:** Television & Radio, Production houses, Web, (news reporters, anchors, producer programmes, news and current affairs, translators, sub editors and broadcasters).
- **Public Relations:** Public Relation Officers/managers, information officers, event managers etc. in various public and private sector organizations.
- **Development Sector:** NGO's and Development Agencies.

- **Government Jobs:** Press Information Department, Directorate of Public Relations and other departments.

Faculty Members:

- The Department of Media Studies has highly qualified and professionally experienced faculty comprising the following:

S#	Name	Designation	Qualification
1	Mr. Muhammad Fahim Baloch	Chairperson/ Asstt: Prof.	M.Phil
2	Mr. Babrak Niaz	Assistant Professor	M.Phil
3	Ms. Sadaf Irtaza	Assistant Professor	M.Phil
4	Mr. Baram Khan	Assistant Professor	Ph.D
5	Mr. Yousaf Masih	Assistant Professor	M.A
6	Mr. Suleman Raja	Assistant Professor	M.A
7	Mr. Naseebullah	Assistant Professor	M.A
8	Mr. Ijaz Ahmed	Lecturer	M.A

Program

- M.A

Eligibility criteria for admission:

- B.A/B.Sc with 45% marks

Semester Breakup

First Semester

Course No.	Course Title	Credit Hrs.
MJ 601	Functional English	3
MJ 602	Mass Media in Balochistan	3
MJ 603	Sub editing & Rewriting	3 (2-1)
MJ 604	Reporting	3
MJ 605	Computer Skills in Mass Communication	3 (2-1)
MJ 606	Functional Urdu	3
		Total 18

Second Semester

Course No.	Course Title	Credit Hrs.
MJ 607	Media Laws & Ethics	3
MJ 608	Mass Media in Pakistan	3
MJ 609	Online Journalism	3 (2-1)
MJ 610	Opinion Writing	3
MJ 611	Theories of Mass Communication	3
MJ 612	Current Affairs in Pakistan & Around	3
		Total 18

Third Semester

Course No.	Course Title	Credit Hrs.
MJ 613	Radio Journalism	3 (2-1)
MJ 614	Public Relations	3
MJ 615	Magazine Production	3 (2-1)
MJ 616	Research Methodology	3
MJ 617	Development Support Communication	3
		Total 15

Fourth Semester.

Course No.	Course Title	Credit Hrs.
MJ 618	Advertising	3 (2-1)
MJ 619	Television Journalism	3 (2-1)
MJ 620	Thesis & Presentation	6
MJ 621	Internship and Viva Voce	3
MJ 622	Advance Reporting (Elective)	3
MJ 623	Photo Journalism (Elective)	3 (2-1)
		Total 18

(Students are required to opt one elective course in fourth semester).

Facilities:

- **F.M Radio Station:** Established in 2014, the Campus Radio Station (F.M 99.6) is aimed to provide training to the students in the field of broadcasting.
- **Broadcast Academy:** The Academy was established in collaboration with Internews Pakistan under a linkage program between Inter-news and University of Balochistan in 2007. Academy has the capacity of training 16 students in a group providing them recording, editing and mixing techniques on latest technological equipment and sound editing software.
- **Television Studio:** The Department has a state of the art television studio equipped with the latest cameras and production tools to give training to the students; the television studio has the capacity of on airing live programs from its studio.
- **Lecture rooms:** The Department has four lecture rooms having a maximum capacity of 60 students for their theoretical work based on class room teaching. Equipped with digital boards and multimedia apart from white boards.
- **Conference Hall:** The Department has a state of the art Conference Hall with a seating capacity of 100 students. It has a digital board, multimedia, sound system and a Led TV.
- **Meeting Room:** A meeting room which can accommodate 50 people.
- **Computer Labs:** The Department possesses a computer lab used for the practical work.
- **Print Production Lab:** To carry out the practical work and produce campus newspaper.
- **Archives Room:** Record of newspapers is maintained on daily basis for research work.
- **Library:** Facility of library is available in the department for the students as well as faculty comprising text books and reference books.

DEPARTMENT OF PHILOSOPHY

Introduction

- Philosophy is defined as a discipline seeking truth and quest for exploring new questions and dimensions of knowledge. The Study of Philosophy is essential for the understanding of the history of ideas, cultures, 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 it. Philosophy deals with the truth behind entire human experience and knowledge.
- Philosophy provides a transferable skill, one that can be used in many walks of life. It provides training in thinking rationally. 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.
- The Department of Philosophy was established in the year 1987 by Dr. Saeed Ahmed Rafiq as its first Chairman. It offers Masters Degree program of 2 years.

Objectives

- To create an environment of critical thinking, dialogue, questioning and writing as tools for creating qualified and focused professionals in the domain of Philosophy so that to meet the future needs of educational institutes and industries of public and private sectors.
- To provide educational programs which encourage students to think creatively, carry out research assignments, and to communicate their ideas effectively.

Job Opportunities

- Instructors in philosophy at colleges and universities.
- 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.
- Civil Service (researchers and advisers for parliamentarian and parliamentary committees).
- Social Work Departments.
- NGOs (work in the areas of demoralization and governance environment and development, and peace)
- Journalism and Publishing.

Faculty Members

S.#	Name	Designation	Qualification
1	Prof. Dr. Malik Muhammad Tariq	Professor/ Dean Research/ Chairperson	Ph.D
2	Mr. Hamid Hassan Khan	Assistant Professor	M.A
3	Mr. Shafi Agha	Assistant Professor (Visiting Faculty)	M.A

Program

- M.A.

Eligibility

- B.A./B.Sc with 45% marks

Semester Breakup**Semester-I**

Category	Course Code	Course Title	Credit Hours
Core Courses	PHIL-601	Classical Muslim Thought	3(3-0)
	PHIL-602	Theories of Ethics	3(3-0)
	PHIL-603	Plato and Aristotle	3(3-0)
	PHIL-604	Logic and Critical Thinking	3(3-0)
	EN-601	Functional English	2(2-0)
Opt any One Course.			
	PHIL-605	History of Logic	3(3-0)
Elective	PHIL-606	Introduction to Metaphysics	3(3-0)
	PHIL-607	Philosophy of Religion	3(3-0)
	PHIL-608	Philosophy of Education	3(3-0)
	PHIL-609	Writing Philosophy	3(3-0)
	PHIL-610	Early Greek Philosophy	3(3-0)
	PHIL-611	Later Greek and Early Medieval Philosophy	3(3-0)
Total Credit Hours			17

Semester-II

Category	Course Code	Course Title	Credit Hours
Core Courses	PHIL-612	Early Modern Western Philosophy	3(3-0)
	PHIL-613	Modern Muslim Thought	3(3-0)
	PHIL-614	Formal Logic-I	3(3-0)
	PHIL-615	Epistemology	3(3-0)
Opt any two Courses.			
Elective	PHIL-616	Philosophy of Social Science	3(3-0)
	PHIL-617	Research Methodology	3(3-0)
	PHIL-618	Pragmatism	3(3-0)
	PHIL-619	Business Ethics	3(3-0)
	PHIL-620	Philosophy of History	3(3-0)
	PHIL-621	Analytic Philosophy	3(3-0)
Total Credit Hours			18

Semester-III

Category	Course Code	Course Title	Credit Hours
Core Courses	PHIL-621	Later Modern Western Philosophy	3(3-0)
	PHIL-622	Philosophy of Mind	3(3-0)
	PHIL-623	20 th Century Continental Philosophy	3(3-0)
Opt any two Elective Courses.			
Elective	PHIL-624	Philosophy of Law	3(3-0)
	PHIL-625	Muslim Thought in South Asia	3(3-0)
	PHIL-626	Set Theory and Logic	3(3-0)
	PHIL-627	Formal Logic-II	3(3-0)
	PHIL-628	Philosophy of Science	3(3-0)
	PHIL-629	Philosophy of Art	3(3-0)
Total Credit Hours			15

Semester-IV

Specializations:

- Moral Philosophy
- Political Philosophy
- Analytical Philosophy
- Muslim Philosophy
- Logic

Category	Subject	Course Code	Course Title	Credit Hours
Core Courses	Philosophy	PHIL-630	Phenomenology and Existentialism	3(3-0)
	Thesis	PHIL-631	Research Paper and Presentation	6(6-0)
Select One Core Course of any stream of specialization in philosophy.				
Core Courses	Moral Philosophy	PHIL-632	Meta Ethical Theories	3(3-0)
		PHIL-633	Contemporary Moral Philosophy	3(3-0)
	Political Philosophy	PHIL-634	Classical Political Thought	3(3-0)
		PHIL-635	Modern Political Theory	3(3-0)
	Logic	PHIL-636	Advanced Logic	3(3-0)
		PHIL-637	Philosophical Logic	3(3-0)
	Muslim Philosophy	PHIL-638	Muslim Metaphysics and Epistemology	3(3-0)
		PHIL-639	Islamic Modernism	3(3-0)
	Analytical Philosophy	PHIL-640	Origins of Analytical Philosophy	3(3-0)
		PHIL-641	Contemporary Analytical Philosophy	3(3-0)
Select any One Elective Course with reference to the stream of specialization.				

Elective	Philosophy	PHIL-642	Special Philosopher	3(3-0)
		PHIL-643	Global Ethics and Justice	3(3-0)
		PHIL-644	Environmental Ethics	3(3-0)
		PHIL-645	Biomedical Ethics	3(3-0)
		PHIL-646	Media Ethics	3(3-0)
		PHIL-647	Administrative Ethics	3(3-0)
		PHIL-648	Logical Positivism	3(3-0)
		PHIL-649	Philosophy of Language	3(3-0)
		PHIL-650	Current Debates in Muslim Thought	3(3-0)
		PHIL-651	Muslim Political Thought	3(3-0)
		PHIL-652	Rise of Modern State	3(3-0)
		PHIL-653	20 th Century Political Philosophy	3(3-0)
		PHIL-654	Individual and Society	3(3-0)
		PHIL-655	Ideology	3(3-0)
		PHIL-656	Contemporary Political Philosophy	3(3-0)
		PHIL-657	Logic and Computability	3(3-0)
		PHIL-658	History of Logic	3(3-0)
Total Credit Hours				15

Facilities

- **Computer Laboratory.** Department has a well-established computer laboratory equipped with latest computers.
- **Seminar 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.
- **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 be downloaded.

DEPARTMENT OF PSYCHOLOGY

Introduction

- 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.
- Psychology not only focuses upon 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. It exercises an influence on the understanding and progression of other social sciences like Economics, Business, Human Resource, Administration and Social Work.
- The Department of Psychology was established in 1989 with introduction of various teaching programs, Masters in Psychology, started in 1990, however, M.Phil in Psychology got initiated in 2013.

Objectives

- To educate and train batches of motivated psychology graduates who will be instrumental to carry out studies, practices and interventions for mitigating the social sufferings, social and natural traumas and addressing the complex behaviors that render violence, exclusion and discrimination.
- To create cadres of proactive and practical human resource that will contribute and lead processes of institutional building, psychosocial services, various public and private organizations in Mental Health Related issues.

Job Opportunities

- Education and Research Institutes
- Hospitals / Clinical Settings
- Armed Forces
- Public / Private Industrial Sector
- LNGOs / INGOs

4. Faculty Members

S.#	Name	Designation	Qualification
1	Dr. Saima Ambreen	Chairperson Assistant Professor	Ph.D
2	Prof. Dr Muhammad Azam Tahir	Professor	Ph.D
3	Mr. Aziz Ud din Agha	Assistant Professor	M.Phil
4	Mrs. Mehreen Siddique	Lecturer	M.Phil
5	Mrs. Sara Durrani	Lecturer	MS
6	Mrs. Samreena Rose	Lecturer	M.Phil
7	Mrs. Nasreen Ali	Lecturer	M A

Program

- M.A.

Eligibility

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

Semester Breakup**Semester I**

Course Code	Course Title	Credit Hours
ENG	Functional English	2 (2-0)
PSY-601	Historical Development of Psychology	3 (3-0)
PSY-602	Experimental Psychology (Practicum)	3 (2-1)
PSY-603	Research Methods- I	3 (3-0)
PSY-604	Statistics in Psychology	3 (3-0)
PSY-605	Theoretical Perspectives in Psychology	3 (3-0)
Total Credit Hours		17 Credit Hours

Semester II

Course Code	Course Title	Credit Hours
PSY-606	Social Psychology	3 (3-0)
PSY-607	Psychopathology	3 (3-0)
PSY-608	Behavioral Neuroscience	3 (3-0)
PSY-609	Ethical Issue in Psychology	3 (3-0)
PSY-610	Research Method – II	3 (3-0)
PSY-611	Developmental Psychology	3 (3-0)
Total Credit Hours		18 Credit Hours

Semester III

Course Code	Course Title	Credit Hours
PSY-612 PSY-613	Educational Psychology (Elective course) or Industrial and Occupational Psychology (Elective course)	3 (2-1)
PSY-614	Psychological Testing-I (including Test construction report)	3 (2-1)
PSY-615	Clinical Psychology (including Clinical Case Report)	3 (2-1)
PSY-616	Counseling Psychology (including Case Report)	3 (2-1)
PSY-617	Data Analysis Through Statistical Package of Social Science (SPSS)	3 (3-0)
PSY-618	Health Psychology	3 (3-0)
Total Credit Hours		18 Credit Hours

Semester IV

Course Code	Course Title	Credit Hours
PSY-619	Psychological Testing- II (including Psychometric Report)	3 (3-0)
PSY-620	Gender Psychology	3 (2-1)
PSY-621 PSY-622	Disaster and Trauma Management (Elective Course Or Cross Cultural Psychology (Elective Course)	3 (3-0)
PSY-623	Research Thesis	6 (6-0)
Total Credit Hours		15

Facilities

- **Experimental Laboratory.** The Department of Psychology has a laboratory, equipped with required stuff and relevant staff.
- **Departmental Library.** The Departmental Library has over 600 books which cover wide range of themes in psychology for teaching and research purpose. The library is managed by a qualified and professional librarian.



Faculty of Social Sciences

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



DEPARTMENT OF INTERNATIONAL RELATIONS

Introduction

- In the wake of overwhelming changes at the premise of global politics that shapes relations amongst nations and societies in the world. With the advancement in technology distance has been shrinking and world has gradually become global village. 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. Business and industry has crossed the traditional borders of nation states and multinational corporations are now challenging the sovereignty of states. The power potential of nation is no more restricted to boundaries; it gets directly influence to regional and super powers. Mainly these relations have given birth to the discipline of International Relations. No country in the contemporary time can afford to ignore it. The study of International Relations therefore has assumed a remarkable significance. The International Relations has been evolved as a discipline to respond and articulate the complexities, challenges and opportunities folded in international relations. University of Balochistan launched the Department of International Relations in 1984. With inception the department initiated two years master level (M.A) program in International Relations.

Objectives;

- To create and develop high quality of professionals human resource that can directly and indirectly contribute to the national and regional level educational institutions & research organizations for shifting the course of International Relations in the favor of the country and region.
- To launch educational programs and foster a bolstering environment of learning, analysis and articulation that can encourage students to transcend their experiences beyond symptomatic levels and can tangibly translate their ideas into concert actions.

Job Opportunities

- Provincial and Federal Public Services.
- Education/ research institutes at public and private sector.
- Print and Electronic Media.
- Civil society and rights based organizations
- International Networks on the promotion of peace and pluralism

Faculty Members

S.#	Name	Designation	Qualification
1	Dr. Abdul Manan Bazai	Professor /Chairperson	M.Phil/Ph.D
2	Mr. Muhammad Arif	Assistant Professor	M.Sc
4	Mr. Mir. Wais Kasi	Assistant Professor	M.Phil/ LLB
3	Ms. Faiza Mir	Lecturer	MA
5	Mr. Zafar Khan	Lecturer	MA
6	Ms. Fida Muhammad	Lecturer	M.Sc
7	Ms. Faiqa Abdul Hayee	Lecturer	MA
8	Mr. Abdul Qadir	Lecturer	MA
9	Mr. GhulamDastagir	Lecturer	MA
10	Mr. Mansoor Ahmed	Lecturer	M.Sc

Program

- M.A

Eligibility

- B.A/B.Sc with Political Science with 45% marks

7. Semester Breakup**First Semester**

Code	Title of Course	Credits
IR-107	International relations (1945-2000)	3 Credits
IR-108	Public international law	3 Credits
IR-109	Regional and international organizations	3 Credits
IR-110	Foreign policy analysis	3 Credits
IR-111	International political economy	3 Credits
	Total	15

Second Semester

Code	Title of Course	Credits
IR-112	Research methodology	3 Credits
IR-113	Politics of pakistan	3 Credits
IR-114	Foreign policy of pakistan	3 Credits
IR-115	Defence and strategic studies	3 Credits
IR-116	Diplomacy	3 Credits
IR-301	Governments and politics of south asia	3 Credits
	Total	18

Third Semester

Code	Title of Course	Credits
IR-302	West asia and arab world since 1919	3 Credits
IR-119	Comparative foreign policy of major powers:us, russia, china	3 Credits
IR-103	Principles of international relations	3 Credits
IR-202	Nuclearization of south asia	3 Credits
IR-120	International relations in the new	3 Credits
IR-203	International politics of environment	3 Credits
	Total	18

Forth Semester

Code	Title of Course	Credits
IR-121	Arms control and disarmament	3 Credits
IR-215	International law of the seas	3 Credits
IR-204	Emerging regional and world orders	3 Credits
IR-205	Nuclear non-proliferation	3 Credits
IR-123	Research thesis	6 Credits
	Total	18
	Grand Total	69

DEPARTMENT OF POLITICAL SCIENCE

Introduction

- 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 systems and political behavior. Political scientists tend to engage in revealing the relationships underlying political events and conditions. It fosters these revelations to construct general principles about the way the machine of politics works. 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 atmosphere and public policies. They measure the success of governance and specific policies by examining many factors, including stability, justice, material wealth and peace.
- University of Balochistan launched its Department of Political Science in 1974 under the auspices of Dr. S. Riaz Ahmed. Since inception, the department has been offering M.A. programs. In wake of time the department has also started M.Phil and Ph.D level programs that have gained utmost response from scholars across the province Political Science study programs stands among the highly productive disciplines of the University. Admissions are based on competition and merit.

Objectives

- To bolster an educational and research environment that can figure out highly creative, analytical and qualified professionals in the subject of Political Science so that the emerging challenges at global, regional and national level could be transformed into opportunities while feeding back to the educational institutes, civil society organizations, political parties, local and national level governance structures.
- Providing students with opportunity pursue knowledge, involvement in a discourse about politics, moral evaluation of political concept and the resolution of practical, political problems through combining practical knowledge about politics with insights into the timeless questions of political life, individual and his place in society.

Job Opportunities

- Political Analyst
- Federal / Provincial Civil Service
- Journalism
- International Organization
- Public Relation Officer
- Management Positions
- Education / Research Organization
- Self employment

Faculty Members

S.#	Name	Designation	Qualification
1	Dr. Naheed Anjum Chishti	Associate Professor/ Chairperson	Ph.D Gold Medalist
2	Dr. Abdul Qadir	Assistant Professor	Ph.D
3	Mr. Abdul Manan Kakar	Assistant Professor	M.Phil
4	Mr. Mumtaz Ali Baloch	Assistant Professor	M.Phil
5	Mr. Adil Zaman Kasi	Assistant Professor	M.Phil
6	Ms. Hussan Ara Magsi	Assistant Professor	M.Phil
7	Mr. Abdul Zahir Mengal	Lecturer	M.A
8	Syed Amir Shah	Lecturer	M.A
9	Mr. Asadullah Baloch	Lecturer	M.A Gold Medalist
10	Mr. Shoukat Ali	Lecturer	M.A

Program

- M.A.

Eligibility

- B.A with Political Science with 45% marks

Semester Breakup

Semester-I

Code	Title	Subject	Credit Hours
PS601	Western Political Philosophy 1	Core	4-0
PS602	Muslim Political Philosophy 1	Core	4-0
PS603	Comparative Constitutions	Core	3-0
PS604	Functional English	Core	3-0
PS618	Federalism in Pakistan	Core	3-0
Total			17

Semester-II

Code	Title	Subject	Credit Hours
PS605	Western Political Philosophy II	Core	3-0
PS606	Muslim Political Philosophy II	Core	4-0
PS607	Comparative Politics	Core	3-0
PS608	Government and Politics in Pakistan	Core	3-0
PS	Elective 2	Elective	3-0
Total			17

Semester-III

Code	Title	Subject	Credit Hours
PS609	Research Methodology	Core	3-0
PS610	World Politics Since 1945	Core	4-0
PS611	International Political Economy	Core	3-0
PS612	Public Administration	Core	3-0
PS	Elective 3	Elective	3-0
Total			16

Semester-IV

Code	Title	Subject	Credit Hours
PS613	Constitutional Development in Pakistan	Core	3-0
PS614	International law	Core	3-
PS615	Comparative Local Government	Core	3-0
PS616	Political Ideologies	Core	3-0
PS617	Research Thesis	Compulsory	6
Total			18

List of Elective Courses

PS619	Democracy and Human Right	Elective
PS620	International Organization	Elective
PS621	Genesis of Pakistan	Elective
PS622	Political Parties in Pakistan	Elective
PS623	Research Thesis	Compulsory

DEPARTMENT OF SOCIAL WORK

Introduction

- Baluchistan as a lag behind and developing province of country and region faces acute challenges of poverty, illiteracy, provision of basic health and unemployment. These issues have been inherited by the population of the province during the pre and post colonial eras. In the wake of globalization, free market economy and overwhelming urbanization, capital intensive development, and speedy communication the rural communities would particularly suffer at different ends. The ecology of learning, expression, language, value systems and livelihood patterns would be wiped out if specific actions and research studies are not carried for analyzing their needs and sustainable ways to initiate viable development ventures.. Professionally trained Social Workers in this respect have a significant role in accelerating and humanizing the processes of development especially in Balochistan.
- 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. Since inception, the Department of Social Work has been conducting two years M.A program in Social Work. The department has created cadres of thousands of young male and female professionals and has also established academic linkages with various likeminded institutions. Currently, the Department of Social Work is a full member of the International Association of Schools of Social Work. (IASSW)

Objectives

- To develop and deliver courses that will at one end enable cadres of professional social workers, well informed and equipped with relevant skills and knowledge base for understanding the major social problems, socio-economic conditions and issues connected to the empowerment of the people. As primary beneficiaries and subjects in the process of development and education, and on the other end will create tools, strategies and models for uplifting the socio-economic and political positions of the people conditioned to feudal and tribal structures in Pakistan, and particularly in Balochistan.
- To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity and to meet the future needs of educational institutes and relevant industries.

Job Opportunities:

- Graduates will have opportunities in the following fields:-
 - Local, National NGOs and International NGOs
 - Self Initiative as Social Entrepreneur
 - Public sector Medical and Psychiatric Social Welfare Settings.
 - Rural Community Development Projects.
 - Urban Community Development Projects.
 - Family and Child Welfare Centers.
 - Women Welfare Centers.
 - Population Welfare Department.
 - Drug Abuse Prevention, Treatment and Rehabilitation Centers.

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

Faculty Members

S.#	Name	Designation	Qualification
1	Mrs. Tahira Naudhani	Assistant Professor/ Chairperson	M.Phil
2	Dr. Monica Qamar Zaman	Assistant Professor	Ph.D
3	Mr. Mumtaz Ali Baloch	Assistant Professor	Ph.D
4	Mr. Abdul Rahim Changezi	Assistant Professor	M.Phil
5	Mrs. Sadia Barrech	Assistant Professor	M.Phil
6	Ms. Huma Zafar	Assistant Professor	M.Phil
7	Mr. Muhammad Nasir	Lecturer	MA
8	Mr. Muhammad Yousaf Barrech	Lecturer	MA

Program

- M.A.

Eligibility

- B.A with Social Work or Sociology with 45% marks

Semester Breakup

First Semester

Course No.	Course Title	Credit Hours
SW-601	Contemporary social work	03
EN	Functional English	03
SW-602	Social case work	03
SW-603	Community development and organization	03
SW-604	Social problems of Pakistan	03
SW-605	Field work	03
TOTAL		18

Second Semester

Course No.	Course Title	Credit Hours
SW-606	Social group work	03
SW-607	Human growth and personality development	03
SW-608	Social welfare administration	03
SW-609	Social action	03
SW-610	Field work	03
TOTAL		15

Third Semester

Course No.	Course Title	Credit Hours
SW-611	Theories of social work	03
SW-612	Social welfare in Pakistan	03
SW-613	Human resource development and management	03
SW-614	Introduction to Sociology	03
SW-615	Social legislation and social welfare agencies	03
SW-616	Field work /Proposal Development	03
TOTAL		18

Fourth Semester

Course No.	Course Title	Credit Hours
SW-617	Social research	03
SW-618	Social statistics and computer skills	03
SW-619	Social Gerontology	03
SW-620	Social work and disaster management	03
SW-621	Field work	03
SW-622	Thesis	06
TOTAL		21

Facilities

- **Departmental Library:** The Department of Social Work has gradually established its library containing relevant and updated collection of above 2000 books, journals, documents and periodicals. The Library is aimed to serve the educational and research needs of the students, faculty and professionals. Beside the collection in the hard covers, the department also links its students to a large number of International Research Journals that are available at digital library of the Higher Education Commission.
- **Internet Facility:** As one of the prime need of the time, department facilitates teachers, staff, researchers and students through its free of cost internet facility available to all via wi-fi.

DEPARTMENT OF SOCIOLOGY

Introduction

- With the advent of new scholastics in the last one hundred years, Sociology has been proven as one of the mother subjects to the different disciplines that have generated interdisciplinary studies. In the nutshell, Sociology as a discipline tends to promote a well-established management structure to effectively handle, analyze, cure and articulate the issues of social distress and it creates, promotes, coordinates and implements societal initiatives and programs for addressing the issues.
- The department of sociology was established in 1973 and the first cadre of young men and women was graduated from Master program in 1975. Mr. Javed Iqbal Syed the Ex. Vice chancellor of Allama Iqbal Open University, Islamabad was the first Chairman of the Department. In the course of its 45 years life, the department has prosper while creating a cadre of thousands of illumines all over the country and has also developed a faculty, research portfolios, library, and well reputed research scholars.

Objectives

- To provide a viable learning and experiencing environment to the students of different programs for understanding, analyzing and practically triangulating the knowledge base pertaining to the challenging social issues at grassroots level and to carry out action researches, ethnographic and grounded research approaches towards viable solutions of the society, that will enable students to know the process of amalgamation of theory and practice as an universal phenomenon.

Job Opportunities

- Law
- Education
- Family planning
- Social work
- Social welfare programs
- Labor welfare
- Community development
- Public Administration.

Faculty Members

S.#	Name	Designation	Qualification
1	Mr. Abdul Rehman	Chairperson	M.A
2	Mr. Muhammad Alam	Assistant Professor	M.Phil
3	Mrs. Faiza Safdar	Assistant Professor	M.Phil
4	Mrs. Navida Iram	Lecturer	M.Phil
5	Mr. Muhammad Hanif	Lecturer	M.Phil
6	Mr. Shakeel Ahmed	Lecturer	M.A
7	Mr. Muhammad Rahim	Lecturer	M.A
8	Mr. Zahoor Ahmed	Lecturer	M.A
9	Mr. Muhammad Zakir	Lecturer	M.A

Program

- M.A

Eligibility

- B.A with sociology with 45% marks

Semester Breakup**1st Semester**

Course No.	Course Title	Credit Hours
EN 601	Functional English	3(3-0)
SOC 602	Principles of Sociology	3(3-0)
SOC 603	Classical Sociological Theory	3(3-0)
SOC 604	Social Psychology	3(3-0)
SOC 605	Social Statistics	3(3-0)
SOC 606	Social Research	3(3-0)
Total		18

2nd Semester

Course No.	Course Title	Credit Hours
SOC 607	Criminology	3(3-0)
SOC 608	Contemporary Sociological Theory	3(3-0)
SOC 609	Research Design	3(3-0)
SOC 610	Sociology of Social Stratification	3(3-0)
SOC 611	Sociology of Human Rights	3(3-0)
SOC 612	Computer Application in Social Sciences	3(3-0)
Total		18

3rd Semester

Code No.	(Total Credits 15)	Credit Hours
SOC 613	Population Dynamics	3(3-0)
SOC 614	Cultural Anthropology	3(3-0)
SOC 615	Sociology of Education	3(3-0)
SOC xxx	Elective	3(3-0)
SOC xxx	Elective	3(3-0)
Total		15

4th Semester

Code No.	(Total Credits 15)	Credit Hours
SOC 616	Sociology of Marriage and Family	3(3-0)
SOC 617	Field Work and Thesis	6(0-6)
SOC xxx	Elective	3(3-0)
SOC xxx	Elective	3(3-0)
	Total	15
	Grand Total	66

Note. Students of 3rd and 4th semester are allowed to elect two subjects in each semester.

Facilities

- Departmental Library
- Digital Library
- Computer Lab with Internet Facility

PAKISTAN STUDY CENTRE

Introduction

- Pakistan Study Centre is one of the flagship centers of the University of Balochistan that was initiated in 1974. The Center carved its bases as established entity in the year 1976 under Pakistan Study Centre, Act No. XXVII of 1976 by the Government of Pakistan in the premises of the University of Balochistan. The center mainly covers the study of languages, literature social structure, customs, and value systems of the people of Pakistan. to the main purpose behind the establishment of center was to create a viable environment for young Balochistani students to know and understand the cultural diversity, languages, civilizations and histories of the people living in Pakistan so that to motivate the people of various region of Pakistan towards Nation building. At present it is functioning as an active academic unit of the University of Balochistan. It is unfolds programs in MA, M.Phil and Ph.D. in Pakistan studies. The faculty members from the University and from the constituent colleges also take admission in M.Phil and Ph.D programs.
- Moreover the center has also initiated and approved establishment of the two chairs after the names of the reckoned anti-imperialist figures that is (1. Khan Shaheed Abdul Samad Khan Achazai and (2. Nawab Yousuf Aziz Mugsi. These Chairs will soon start its work to manifest further research and explorations.

Objective:

- To provide learning and experiencing environment to the students from different backgrounds and in different study programs so that to generate knowledge base, analysis and understanding that can potentially promote the national integration, pluralism, love for diversity and the unity in accordance with different regions, languages, literature, culture, customs and histories of the people and their country.

Job Opportunities

- The students who will qualify in Pakistan Studies can find job opportunities in the following departments/ organizations:
 - Teaching.
 - Competitive Exams.
 - Public Relation Officer.
 - Pakistan Tourism Department.
 - Inter Organizational Coordinator.
 - International Organizations as Representatives of Pakistan.
 - Organizational Development in Pakistan.

Faculty

S.#	Name	Designation	Qualification
1.	Dr. Muhammad Usman Tobawal	Director	Ph.D
2.	Mr. Noor Ahmed	Assistant Professor	Ph.D
3.	Mr. Yousaf Ali Rodeni	Assistant Professor	M.Phil
4.	Ms. Surya Bano	Assistant Professor	M.Phil
5.	Ms. Shazia Jaffar	Lecturer	M.Phil
6.	Mr. Nazir Ahmed Kasi	Lecturer	M.Phil
7.	Mr. Bijar Khan	Lecturer/R.O	M.Phil
8.	Mr. Pervaiz Ahmed	Lecturer/R.O	M.Phil
9.	Ms. Sharaf Bibi	Lecturer	M.A

- Among the faculty members, beside the Director, the Centre has Eight (8) permanent Teachers, three of them Teaching different languages Balochi, Brahvi & Pashto, other four teaching subjects of M.A. Pakistan Studies and two Lecturer / Research Officer concerned with the teaching and research activities of the Centre. Among the other teaching staff there are nine (9) Part Time Teachers of the University of Balochistan who are teaching the courses of M.A. and M.Phil / Ph.D.

Program

- M.A

Eligibility

- B.A with Pakistan Studies with 45% marks

Semester Breakup

First Semester

Course Code	Course	Credit Hourrs
PS- 601	History of Freedom Movement 1857 to 1929	3 CH
PS- 602	Islam in South Asia "Part One"	3 CH
PS- 603	Social System of Pakistan "Part One"	3 CH
PS- 604	Geography of Pakistan "Part One"	3 CH
PS- 605	Urdu (Optional)	3 CH
PS- 606	Balochi (Optional)	3 CH
PS- 607	Brahui (Optional)	3 CH
PS- 608	Pashto (Optional)	3 CH
PS- 609	English Compulsory	2 CH
Total CH		26 CH

Second Semester

Course Code	Course	Credit Hours
PS- 610	History of Freedom Movement 1930 to 1947	3 CH
PS- 611	Islam in South Asia "Part Two"	3 CH
PS- 612	Social System of Pakistan "Part Two"	3 CH
PS- 613	Geography of Pakistan "Part Two"	3 CH
PS- 614	Active Citizen	3 CH
PS- 615	History of Balochistan "Part One"	3 CH
Total CH		18 CH

Third Semester

Course Code	Course	Credit Hours
PS- 616	History of Balochistan "Part Two"	3 CH
PS- 617	The Political and constitutional development in Pakistan 1947 to 1971	3 CH
PS- 618	Research Methodology	3 CH
PS- 619	Economy of Pakistan "Part One"	3 CH
PS- 620	Contemporary Issue of Pakistan	3 CH
PS- 621	Basic Statistics "Part One"	3 CH
Total CH		18 CH

Fourth Semester

Course Code	Course	Credit Hours
PS- 622	The Political and Constitutional Development in Pakistan 1971 to 2013	3 CH
PS- 623	Economy of Pakistan "Part Two"	3 CH
PS- 624	Foreign Policy of Pakistan	3 CH
PS- 625	Disaster Management in Pakistan	3 CH
PS- 626	Local Self Government in Pakistan	3 CH
PS- 627	Basic Statistics "Part Two"	3 CH
PS- 628	Research Paper Writing and Presentation	3 CH
Total CH		21 CH

Facilities

- Pakistan Study Center shares following facilities with its faculty, staff, students and research scholars.
 - Library (Books 2200)
 - Class Room for MA classes
 - Class Room for M.Phil. & Ph.D. students.
 - Computer facility
 - Telephone Facility
 - Internet Facility

Faculty of Languages & Literature

- ◆ Department of Balochi
- ◆ Department of Brahui
- ◆ Institute of Linguistics & Literature
- ◆ Department of Pashto
- ◆ Department of Persian
- ◆ Department of Urdu

The classical and modern literature, social and cultural histories, folklore, oral tradition of the local languages of Balochistan remains in the backwaters during the pre and post colonial era. With the advent of Balochistan University in 1970, the idea of initiating courses of local languages literature was becoming a reality. In 1974 the subjects of local languages were introduced under the umbrella of Pakistan Study Centre. Pashto, Balochi and Brahui *Aalim, Adib* and *Fazal* Courses were designed and conducted. Faculty of languages started master level courses after 1978. Successful conduction of master level courses validated the feasibility of the exclusive departments of Pashto, Balochi, and Brahui. But in 1992 exclusive departments of Pashto, Balochi, and Brahui were established.



DEPARTMENT OF BALOCHI

Introduction:

- The Balochi is one of the Endo-Iranian stock of languages that is estimated to be over six thousand years old. In the nutshell, Balochi belongs to the Northwestern group of the Iranian languages, which means that it shares certain sound characteristics with Kurdish, Parthian and New Persian.
- The Department of Balochi was gradually evolved, courses of Baloch Adeb, Fazal and Alim were started in 1978, these courses were upgraded to masters in 1985 and in 1992 the department of Balochi was established. Mir Aqil Khan Mengal was the first chairperson.
- Since inception, the department has been contributing in developing cadres of Balochi languages, literature and culture experts that are serving in the different national and provincial level institutions. The department publishes a bi-annual bilingual research journal recognized by HEC in the Z-category.

Objectives

- To develop viable learning environment in the department for creating qualified human resource while understanding, learning, and experiencing the Balochi language, and literature as a discipline.
- To develop innovative academic and research portfolios that many diversify and expand the knowledge base regarding the language, literature, culture, history and art forms of the traditional and modern Baloch, Balochi and Balochistan.

Job Opportunities

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

Faculty Members

S.#	Name	Designation	Qualification
1.	Mr. Hamid Ali Baloch	Assistant Professor/Chairperson	M.Phil
2.	Dr. Zeenat Sana Baloch	Professor	Ph.D
3.	Dr. Abdul Saboor	Associate Professor	Ph.D
4.	Ms. Nasreen Gul	Assistant Professor	M.Phil
5.	Mr. Rahim Bakhsh	Assistant Professor	M.Phil
6.	Mr. Abdul Razzaq Dad	Lecturer	M.Phil
7.	Mr. Muhammad Rafiq	Lecturer	M.A
8.	Zahid Husain Dashti	Lecturer	M.A
9.	Hasan Janan	Lecturer	

Program

- M.A

Eligibility

- B.A/B.Sc with 45% marks

Semester Breakup**First Semester:**

Course Code	Subject	Credit Hours
Bal:600	Introduction to linguistics	
Bal:601	Balochi folk poetry	
Bal:602	Balochi Classical Poetry (Chakarian Period)	
Bal:603	Balochi Old Prose	
Bal:604	English Language Course	

Second Semester:

Course Code	Subject	Credit Hours
Bal:605	Balochi Linguistics	
Bal:606	Balochi Modern Poetry: Origin & Development	
Bal:607	Mir Gul Khan Naseer	
Bal:608	Balochi Semi-Classic Poetry	
Bal:609	Dastan and Balochi Dastan	

Third Semester:

Course Code	Subject	Credit Hours
Bal:610	Criticism and the Balochi Criticism	
Bal:611	History of Novel and the Balochi Novel	
Bal:612	Research Methodology & Tradition of Research in Balochi	
Bal:613	History of Short Story and the Balochi Short Stories	
Bal:614	A Critical Study of Modern Balochi Poetry	

Fourth Semester:

Course Code	Subject	Credit Hours
Bal:615	History of Translation & Balochi Translation	
Bal:616	Study of Non-fiction	
Bal:617	Syed Zahoor Shah Hashmi	
Bal:618	History of Drama and the Balochi Drama	
Bal:619	Thesis	

Facilities

- Mir Aqil Khan Mengal Memorial Library.
- Books & Research Journals 3000.
- Computer Lab.

DEPARTMENT OF BRAHUI

Introduction

- The Brahui is one of Dravidian languages that is known as the indigenous language of South Asia before the Aryan Invasions on India around 1500-1000 BC. The language and culture of Brahui people living in the central Balochistan and adjacent districts of Afghanistan has enriched and diversified through the course of history. Although studied by orientalist of the late 19th and early 20th century, the language, literature and social value system of these people still remain outside the academic and research domains.
- Along with other major languages of province Balochistan, higher education diplomas and master degrees also started in Brahui in 1985 under Pakistan Study Center. Based on the teaching and research endeavors, the department of Brahui was established in 1992. The department has crossed various academic and research milestones, while evolving its M.Phil and Ph.D programs and initiating the first research journal “Alburz” the is sponsored and recognized by HEC in the Z-category.

Objectives

- To foster effective study programs and meaningful environment to the groups of motivated young learners and students who would be recognized as post-graduate professionals in Brahui literature, culture and Language, capable of functioning at local, national and international levels.
- To expand the knowledge base and work out in-depth analysis on the themes of Brahui language, literature, folklore, culture, social history and the values systems while reviving ancient Brahui folklore, poetry and literature through teaching and research endeavors through its different degree awarding programs.

Job/Career Opportunities

- Education/ research institutes in Public/ Private Institutions,
- Electronic and Print Media.
- Interpreter/Translator in Public offices.
- Archeology and History in lok-versa.
- Literary/Cultural institutions.

Faculty Members

S.No	Name	Designation	Qualification
1	Dr. Liaqat Ali Sani	Associate. Professor	Ph.D
2	Mr. Shabir Ahmed Shahwani	Chairperson/ Assistant Professor	M.Phil
3	Dr.Abdul Haleem Sadiq	Assistant Professor	Ph.D
4	Mrs. Abida Baloch	Assistant Professor	M.Phil
5	Dr. Manzoor Baloch	Lecturer	Ph.D
6	Mr. Yousaf Mengal	Lecturer	M.Phil

Program

- M.A.

Eligibility

- B.A/B.Sc with 45% marks

Semester Breakup**Semester 1st**

Code No	Course Name	Credit Hours
Brh601	Brahui Zaban, Heet o chahindaari	3(3-0)
Brh602	Brahui Zuban Nivisht o likvarh	3(3-0)
Brh603	Functional English	3(2-1)
Brh604	Barahui Lok Shaahiri ti Raaji aahaal	3(3-0)
Brh605	Brahui Lok Nasr	3(3-0)

Semester 2nd

Code No	Course Name	Credit Hours
Brh606	Nilla Raaji adab	3(3-0)
Brh607	Nem classical adab	3(3-0)
Brh608	Active citizenship	4(2-2)
Brh609	Computer ho shumariyaat chahindaari	2(2-0)
Brh610	Brahui Pooskuna Shairi Hati na ridat	3(3-0)

Semester 3rd

Code No	Course Name	Credit Hours
Brh611	Brahui Pooskuna shaheri sarhal na ridat	3(3-0)
Brh612	Khalifa Gul Muhammad Fikr o Fann	3(3-0)
Brh613	Brahui ti mat o Badal na Xuaast	3(2-1)
Brh614	Adab o Sahafatt	3(2-1)
Brh615	Brahui Afsana nigaari	3(3-0)

Semester 4th

Code No	Course Name	Credit Hours
Brh616	Brahui Naval Nigari	3(3-0)
Brh617	Brahui Drama	3(3-0)
Brh618	Patt o Pol Xuaast o Rudom	3(3-0)
Brh619	Thesis Writing	6(6-0)

Facilities

- **Seminar Library:** Department has well established seminar library consisting of above 1000 books, periodicals and journals covering different subjects.
- **Career Counseling:** Student counseling facility to explore the hidden potential of the students and guiding them towards their field of interests within the department.

INSTITUTE OF LINGUISTICS AND LITERATURE

Introduction

- Every year a large number of students apply for admission in the Department of English with the expectation to improve their English. In a world of ever greater interaction the importance of English language cannot be denied. English has turned into a universal language. Institute of Linguistics and Literature aims to fulfill the ever growing demand of English. The institute is motivated to develop human resource and evolve effective research and analysis environment.

Objectives

- To develop conducive learning environment and enable students to acquire knowledge and understanding of linguistics as discipline and also master English Language competence so that to practically culminate their knowledge in diverse walks of life.
- To design and conduct short courses in foreign languages and provide opportunity of higher education to the talented students from various backgrounds and enable them to find venues in the local, national and global markets.

Job/Career Opportunities

- Education/ research institutes in Public/ Private Institutions,
- Electronic and Print Media.
- Interpreter/Translator in Public offices.
- English coaching centers and institutions
- Literary/Cultural institutions.

Faculty Members

S#	Name	Designation	Qualification
1	Dr. Faria Saeed	Professor/ Director Institute	Ph.D (Eng Lit)
2	Ms. Munawara	Assistant Professor/ Chairperson Department of (Eng Lit)	M.A (Eng Lit)
3	Dr. Najia Zadi	Associate Professor	Ph.D (Eng Lit)
4	Dr. Saima Manzoor	Assistant Professor	Ph.D (Eng Lit)
5	Ms. Shahida Achakzai	Lecturer	M.A (Eng. Lit) M.Phil Scholar
6	Mrs. Rafia Bokhari	Lecturer	M.A (Eng Lit) M.Phil Scholar (Eng Lit)
7	Mr. Ghulam Rasool	Lecturer	M.A (Eng Lit) M.Phil Scholar (Eng Lit)
8	Ms. Sidra Batool	Lecturer	M.A (Eng Lit)

S#	Name	Designation	Qualification
10	Mr. Zeeshan	Assistant Professor/ Chairperson Department of Linguistics	M.Phil(Applied Linguistics)
11	Dr. Naseem Achakzai	Professor	Ph.D (Eng Lit)
12	Mr. Saeed Ahmed Lehri	Lecturer	M.Phil(Linguistics)
13	Mr. Naeem Nasir	Lecturer	M.A in (Eng Lit) M.PhilScholar(Linguistics)
14	Mr. Zahid Hussain Pathan	Assistant Professor/ Director English Language Center	M.Phil (Applied Linguistics)
15	Mr Imran Bhatti	Lecturer	M.Phil (Linguistics)

Program

- M.A

Eligibility

- B.A. with 50% marks in English Compulsory **OR** the candidates must have passed B.A. with English Literature as an elective subject. The candidates must qualify the Entry Test.

Semester Breakup

Semester 1

Course Code	Courses	Credit Hours
ENG-630	History of English Literature	4(3-1)
ENG-631	Classical Poetry	3(3-0)
ENG-632	renaissance Drama	4(3-1)
ENG-633	Victorian Novel	4(3-1)
ENG-634	Literary Forms	3(3-0)
	Total	18

Semester 2

Course Code	Courses	Credit Hours
ENG-635	Human Rights	3(3-0)
ENG-636	American Novel	3(3-0)
ENG-637	Modern Fiction	3(3-0)
ENG-638	Prose	3(3-0)
ENG-639	Functional English	3(3-0)
	Total	15

Semester 3

Course Code	Courses	Credit Hours
ENG-640	Literary Criticism	4(3-1)
ENG-641	Early Romantic Poets	3(3-0)
ENG-642	Research Methodology	3(3-0)
ENG-643	Computer Skills	3(3-0)
ENG-644	ModernProse Writers	4(3-1)
	Total	17

Semester 4

Course Code	Courses	Credit Hours
ENG-645	Research Methodology (2)	3(3-0)
ENG-646	Research Project	6(6-0)
ENG-647	Seminars/ Presentation	3(3-0)
ENG-648	Romantic Poets (2)	3(3-0)
ENG-649	Pakistan Lit	3(3-0)
	Total	18

M.A APPLIED LINGUISTICS

Structure of program: Total credit hours-62

Semester	Courses	Credit Hours
First	05	15
Second	07	17
Third	05	15
Fourth	04	15
Total	21	62

Semester 1

Course Code	Courses	Credit Hours
ENG-APPL 601	An Introduction of English Linguistics	3
ENG-APPL 602	Second Language Acquisition	3
ENG-APPL 603	Academic Writing	3
ENG-APPL 604	Semantics	3
ENG-APPL 605	Syntax	3
	Total	15

Semester 2

Course Code	Courses	Credit Hours
ENG-APPL 606	Language Teaching Methods	3
ENG-APPL 607	Research Methodology	3
ENG-APPL 608	Sociolinguistics	3
ENG-APPL 609	Language Syllabus Design	3
ENG-APPL 610	Functional English	2
ENG-APPL 611	Phonetics & Phonology	3
	Total	17

Semester 3

Course Code	Courses	Credit Hours
ENG-APPL 612	Pragmatics	3
ENG-APPL 613	Language Testing	3
ENG-APPL 614	Computer Assisted Language Learning (CALL)	3
ENG-APPL 615	Teaching in Large Classes	3
ENG-APPL 616	Stylistics	3
Total		15

Semester 4

Course Code	Courses	Credit Hours
ENG-APPL 617	Discourse	3
ENG-APPL 618	Pedagogical Grammar	3
ENG-APPL 619	Psycholinguistics	3
ENG-APPL 620	Research Project	6
Total		15

Facilities

- Departmental Library
- Computer Laboratory

DEPARTMENT OF PASHTO

Introduction

- Amongst other sister languages of her family, Pashto is one of the living languages of Indo-Iranian stock. It is estimated that Pashto was spoken almost 1000 BC in the Bactrian rangelands and settled communities around river Oxus. The excavations of the historical sites validate interesting revelations about the people of this part of the world. Pashto as a language and value system caters to the life of an ordinary Pashtoon. Score of scholastic projects are carried out on the study of Pashto, Pashtoons and Pashtoonwali mainly during the colonial era. In the post colonial era, academic and research institutions in Afghanistan and today Khyber Pakhtunkhwa started institutional basis that helped in practicing teaching and research as disciplines in Pashto language and literature.
- In order to study the literary and cultural capitals of the Pashtoon areas, diploma level courses of Pashto Aadeeb, Fazal and Aalim were started in 1886 through Pakistan Study Center. The department of Pashto gradually evolved in 1992 while offering two years master degree programs. Professor Wali Muhammad Sial Kakar was one amongst the other pioneers who head Pashto department as the first chairperson.
- Since inception, the department of Pashto has crossed several milestones of its growth and development. It has designed and developed effective masters, M.Phil and PhD programs. It has a full fledge faculty with highest academic credentials of PhD, developed “Khan Shaheed Digital Library”, and has a department library with above 4000 books. The department has also incepted a bilingual and biannual research journal “TAKATOO: that is recognized by HEC in category “Y”.

Objectives

- To develop a conducive learning and practice environment for creating motivated young scholars, researchers, practitioners and literary and cultural activists regarding Pashto language and culture that will enrich the public sector research, development, educational and cultural institutions.
- To foster study programs that can maximize the possibilities of carrying out interventions for the promotion of Pashto language, literature, culture and history that will also transcend the existing knowledge base and research paradigms.

Job Opportunities

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

Faculty Members

S.#	Name	Designation	Qualification
1	Prof. Dr. Nasrullah Jan Wazir	Associate Professor/ Chairperson	Ph.D
2	Dr. Naseebullah Seemab	Professor	Ph.D
3	Dr. Faizullah Panezai	Professor	Ph.D
4	Dr. Javed Iqbal	Assistant Professor	Ph.D
5	Mr. Abdul Rehman kakar	Lecturer	M.A
6	Dr. Barkat Shah Kakar	Assistant Professor	M.A

Program

- M.A

Eligibility

- B.A/B.Sc with 45% marks

Semester Breakup

Semester First

Code No	Course Name	Credit Hours
500	The History of Pashto Languages	3
501	Pashto Folk Literature	3
502	Principles and techniques of translations	3
503	Pashto Ancient Poetry	3
504	Literature, Philosophy and Sufism	3

Semester Second

Code No	Course Name	Credit Hours
505	The History of Pashtuns	3
506	Folkloric Genres of South Pashtunkhwa	3
507	Pashto old prose	3
508	Pashto Classical Poetry	3
509	Romantic Sufism and Poetry	3

Semester Third

Code No	Course Name	Credit Hours
600	Pashto Literature and Orientalism	3
601	Pashtunwali and Cultural Studies	3
602	Criticism Part I	3
603	Modern Pashto Poetry	3
604	Modern Prose Part I	3

Semester Fourth

Code No	Course Name	Credit Hours
605	Non-fiction Creative Literature of Pashto	3
606	Literary Research	3
607	Criticism Part II	3
608	Selected Modern Poets of Pashto	3
609	Modern Prose Part II	3

Facilities

- Departmental Library
- Books & Research journals 1300
- Computer Lab
- Digital Library

DEPARTMENT OF PERSIAN

Introduction

- Persian language and literature have influenced the Central Asia and South Asian cultures and languages for almost millennia. The development of literary genres and forms of poetic and artistic expression directly impacted particularly the written literature of languages and people living in India and Pakistan. The construction of world famous epics like Shahnama, and the legendary poetic and imaginative dictions of Hafiz Sherazi, Jalaludin Rumi, Bedil, Firdousi and Sheikh Saadi have always been central and representing stuff of the orient.
- Department of Persian was established alongside the departments of local languages at University of Balochistan. Since inception, the department has been instrumental to engaged motivated young students who seek their career in the domain of Persian language and literature. The department has been offering extensive master degree program in Persian language and literature and intends to seek viable study programs of M.Phil and Ph.D.

Objectives

- To develop a encouraging environment of learning and practice in the department that will capacitate the young scholars , writers, researchers and artists seeking their career in the domain of Persian language and literature and that will rendered pool of high quality human resource to serve the national and regional level literary, research and academic institutions.
- To preserve and develop the historical and literary assets and heritage of Persian in Balochistan that will be instrumental to foster scholastic and literary linkages amongst the various ethnic groups of Balochistan that can bring peace, pluralism and social harmony as one of the outcomes of academic and research endeavors.

Job/Career Opportunities

- Educational and Research Institutes at Colleges/Universities etc.
- Radio and Television Networks.
- Field based journalist and reporting
- Translators and Interpreters.

Faculty Members

S. #	Name	Designation	Qualification
1	Dr. Bilal Ahmed Sasoli	Assistant Professor/ Chairperson	Ph.D
2	Syed Roohullah Naqvi	Assistant Professor	Ph.D
3	Dr. M. Ali Shah	Assistant Professor	Ph.D
4	Mr. Abdul Hassan Hazara	Lecturer	M.A

Program

- M.A

Eligibility

- B.A/B.Sc with 45% marks

Semester Breakup**1st Semester**

1	Classical Prose	3 (3 – o)
2	Kashful Mahjub & Tasawwuf(I)	3 (3 – o)
3	Modren Persian Litreture (I) (Prose)	3 (3 – o)
4	Iqbaliyat (I) (Israr e Khudi)	3 (3 – o)
5	Functional English(I)	2 (2 – o)

2nd Semester

1	Classical Poetry	3 (3 – o)
2	Kashful Mahjub & Tasawwuf(II)	3 (3 – o)
3	Modren Persian Litreture(II) (Poetry)	3 (3 – o)
4	Iqbaliyat (II)	3 (3 – o)
5	Study Of Mulana Jalal U Din Rumi	2 (2 – o)

In M.A Final the student will be directed to cover the following subject in two semesters:

3rd Semester

1	Literary History of Sub Continent	3 (3 – o)
2	Spoken Language & Translation (I)	3 (3 – o)
3	Grammar & Bayan, Maani (I)	3 (3 – o)
4	Zaban Shanaci (I)	3 (3 – o)
5	Research Methadalogy (I)	2 (2 – o)
6	Introduction to Computer	2 (2 – o)

4th Semester

1	Literary History of Iran (II)	3 (3 – o)
2	Spoken Language & Translation (II)	3 (3 – o)
3	Grammar & Bayan, Maani(II)	3 (3 – o)
4	Zaban Shanaci (II)	3 (3 – o)
5	Research Paper (II)	2 (2 – o)

DEPARTMENT OF URDU LITERATURE

Introduction

- The Department of Urdu has a distinction to be amongst the first departments of literature and languages. The department was formally inaugurated in 1973, eminent scholar, critic and literary figure Prof: Mujtaba Hussain, pioneered to establish Department of Urdu (UOB) the first chairperson. Since inception, the department has groomed and nurtured renowned educationists, writers, scholars, poets and play writers in Balochistan.
- The department has crafted portfolios of research and academics. Since establishment department has created bands of young writers and literary figures who have been playing vital role in the promotion of literature and languages at various levels,
- The department has initiated M.Phil and Ph.D programs in 2016 and is also intended to launch research journals that will ensure expanding the knowledge base and literary activism.

Objective:

- To explore and investigate the old and new horizons of Urdu literature pertaining to prose, poetry and criticism so that to knowledge base could be expanded beyond symptomatic levels and cadres of young scholars and students could be facilitated to emerge as writers, scholars, researchers and literary entrepreneurs.

Job/Career Opportunities

- Educational Institutions Colleges / Universities.
- Interpreters.
- Electronic & Print Media.
- Advertisement agencies.
- Provincial / Federal Civil Services.
- NGO's.

Faculty Members

S.#	Name	Designation	Qualification
1	Dr. Khalid Mahmood Khattak	Assistant Professor/ Chairperson	M.Phil, Ph.D
2	Gul Gutai	Lecturer	M.A, M.Phil
3	Shagufta Rahim	Lecturer	M.A
4	Afshan Qazi	Lecturer	M.A
5	Tanzila Naz	Lecturer	M.A

Program

- M.A

Eligibility

- B.A / B.S c / B.com with 45% marks

Semester Breakup

نصاب ایم۔ اے اردو

پہلا سمسٹر

کوڈ نمبر	کورس	کریڈٹ آورز
Urd۶۰۰	کلاسیکی شاعری I (غزل اور قصیدہ)	۳
Urd۶۰۱	افسانوی ادب I (داستان، ناول، افسانہ)	۳
Urd۶۰۲	اسالیب نثر اردو I (غالب، شبلی)	۳
Urd۶۰۳	تاریخ زبان و ادب اردو I (سانیات اور اٹھارویں صدی کے رجحانات)	۳
Urd۶۰۴	تنقید I (اصولی مباحث اور عملی تنقید)	۳
	انگلش فیکشنل	۲

دوسرا سمسٹر

کوڈ نمبر	کورس	کریڈٹ آورز
Urd۶۰۵	کلاسیکی شاعری II (مثنوی، مرثیہ، نظم)	۳
Urd۶۰۶	افسانوی ادب II (ناول، افسانہ، ڈرامہ)	۳
Urd۶۰۷	اسالیب نثر اردو II (علمی اور تخلیقی اسلوب)	۳
Urd۶۰۸	تاریخ زبان و ادب اردو II (انیسویں اور بیسویں صدی کے رجحانات)	۳
Urd۶۰۹	تنقید II (مغربی اور مشرقی تنقید)	۳

تیسرا سمسٹر

کوڈ نمبر	کورس	کریڈٹ آورز
Urd۶۱۰	میر و غالب کا خصوصی مطالعہ	۳
Urd۶۱۱	اقبال کا خصوصی مطالعہ I (سوانح، تصورات اور اردو شاعری)	۳
Urd۶۱۲	بلوچستان میں اردو زبان و ادب کی روایت	۳
Urd۶۱۳	جدید شاعری (غزل اور نظم)	۳
Urd۶۱۴	رسمیات مقالہ نگاری	۳

چوتھا سمسٹر

کوڈ نمبر	کورس	کریڈٹ آورز
Urd۶۱۵	اقبال کا خصوصی مطالعہ II (فارسی شاعری)	۳
Urd۶۱۶	تخلیقی نثر	۳
Urd۶۱۷	اردو کے منتخب علمی اداروں کی خدمات	۳
Urd۶۱۸	جدید اصناف نثر	۳
Urd۶۱۹	مقالہ	۳

Facilities

- **Departmental Library:-** In departmental Library, there are 1000 books covering a wide range of Urdu Adab and Theqeeq. The library also has a vast collection of prestigious journals.
- **Computer Lab:** There is a computer available along with internet facility a large number of international research journals also available on Digital Library provide by Higher Education Commission and research article of interest can also down loaded.
- **Multimedia:** Multimedia and overhead projector aids are used in the class rooms, Seminars and conferences to facilitate the students learning experience.



Registrar

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