

UNIVERSITY OF BALOCHISTAN

دب اردنی علیا

جامعہ بلوچستان



# University of Balochistan Quetta

## Prospectus - 2021 Masters Study Programs



# Contents

Introduction to University of Balochistan	2
Vision	2
Mission	2
Our Values	2
Governance/Administration	3
Undergraduate Studies Office	3
Balochistan at a Glance	4
Our City	5
Our Campus	6
Vice Chancellor's Message	7
Registrar's Message	9
Beyond the classroom	10
Journey Towards Excellence, 2013-2019	11
<b>Faculty of Basic Sciences</b>	<b>15</b>
Physics	16
Chemistry	20
Mathematics	24
Statistics	26
<b>Faculty of Management Sciences, Business &amp; IT</b>	<b>28</b>
Commerce	29
Economics	32
Computer Science	34
Institute of Management Sciences	36
Library & Information Science	38
<b>Faculty of Life Sciences</b>	<b>41</b>
Institute of Bio-Chemistry	42
Botany	44
Microbiology	47
Zoology	50
<b>Faculty of Earth &amp; Environmental Sciences</b>	<b>52</b>
Geology	53
Geography & Regional Planning	56
<b>Faculty of Education &amp; Humanities</b>	<b>60</b>
Institute of Education & Research (IER)	61
Gender Development Studies	64
History	66
Islamic Studies	68
Media Studies	70
Philosophy	73
Psychology	76
<b>Faculty of Social Sciences</b>	<b>78</b>
International Relations	79
Political Science	81
Social Work	83
Sociology	86
Pakistan Study Center	88
<b>Faculty of Literature &amp; Languages</b>	<b>90</b>
Balochi	91
Brahui	93
English Literature	95
Pashto	97
Persian	99
Urdu Literature	101
<b>Admission Procedure &amp; Fee Structure</b>	<b>103</b>
Programs of Study	104
Entry Test	104
Admission Procedure	105
Documents Required	105
Attendance, Dropout	107
Students Code of Conduct-Discipline	110
Facilities	111
Affidavit Specimen	113
Fee Structures	117

## Introduction to University of Balochistan

The Establishment of the University of Balochistan is 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 standards through its programs of research and innovations.

The University offers undergraduate, graduate, postgraduate, doctoral and advanced programs 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. Masters 2 years program of study 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 level 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 is chaired by the Chancellor, which 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 (SA)
- Director General (P&D)
- Director, Quality Assurance & Accreditation Directorate (QAAD)
- Director General (E&W)
- Director General (Administration)
- Director, Office of Research Innovation & Commercialization (ORIC)
- Chairman, Graduate Studies Office (GSO)
- Chairman, Undergraduate Studies Office (UGSO)
- Chairman (FTDC)

## **Undergraduate Studies office**

- The undergraduate studies office plays the role of chief arbitrator in all academic/non-academic matters concerning the students
- The undergraduate studies office 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.
  - Online admission of students under category A, B and C
  - Migration from university to university
  - Cases of dropout students
  - Arrange meetings to resolve activities and rules of student through academic/semester committee.
- Mid & terminal exam schedule for all discipline
- Cases of the student getting semester break
- To organize all departments students data online through UGSO software
- Students clearance and library card verification
- Name correction and rectification cases in the educational documents being issue from this university



## Balochistan at a Glance



Balochistan area wise is the largest province of Pakistan, covering 44% of the country's area, but is home to only 5% of the country's population. Its strengths lie in its wealth of natural resources, the vast rangeland, the coastal belt with 1100 km of coastline, and rich mineral and hydrocarbon deposits. Balochistan is a land of diversity, mountains rich of minerals, coastal land, uplands, plains and deserts, having a diverse flora & fauna and land of great difference and contrast.

The Government of Balochistan is providing basic infrastructure of roads and development of human resources to create a more conducive environment, for inclusive development.

Agriculture and livestock dominate the Balochistan economy. Horticultural development is a fairly recent phenomenon with a great potential. Other economic sectors where investment rate is high including, fisheries, mining, manufacturing industries, trade and other services being rendered by public and private sector organizations in the province.



The Government of Pakistan has initiated the construction of the country's third deep-sea port project at Gwadar and CEPEC with the Chinese Government. This project will not only give stimulus to the development activities in Gwadar town itself but to the adjoining areas also. Makran Coastal Highway is acting as further catalyst for development of the entire Makran Coastal area of Balochistan through fisheries, tourism and trading point of view.

Balochistan provides highly developed industrial estate facilities in the province. These estates cater to all types of industry needs and are well supplied with a wide range of infrastructure and related services which include Quetta Industrial & Trading Estate, Hub Industrial & Trading Estate (HITE), Uthal Industrial Estate, Marble City etc. The Major sectors for investment in Balochistan are Minerals, Agriculture, Horticulture, Fisheries, Livestock, Tourism and Oil & Gas etc.

# Our City

Mountainous, Vibrant, and friendly, Quetta is considered as hill station of the province of Balochistan.

## Where the city meets the campus

Quetta city is a bowl shaped structure and valley, surrounded by mountains peaks on its three sides. On the southern fringe of the city, the University of Quetta's campus is located on the main highway connecting Karachi with Quetta. Away from the University towards north the, multicultural culinary delights, arts and culture, and shopping Malls of Quetta enhances the beauty of the city. The Great Hana Lack is located in the north east of the city, which attracts visitor in all seasons In the East of the city, the Mehrdar Mountains runs parallel and connects with the Takatu and Zarghoon hills in the North and Northeast. While the city is bordered with Chiltan Mountains in the west running towards the south of the city. The city hosts an international airport, state of the art hospitals, shopping malls, and diverse cultural handicrafts, dry fruits are some of the unique



features of the city.

## Out and about

Eat breakfast in a café, visit and spend the afternoon shopping, or find out why Quetta is Pakistan's fruit basket capital, or take a day trip and explore the stunning natural beauty of Hana Lack.



# Our campus

You will feel at home the moment you step onto the University of Balochistan.

The entry point to the campus is from the main highway Seryab Road which connects Karachi with Quetta. The campus has different Blocks such as Science, Arts, languages, Administration, Examination, central Library, Botanical Garden, Boys & Girl Hostels and three centers for advanced Studies.

## Cutting-edge facilities

Our new, sustainable, state-of-the-art, buildings and teaching facilities are designed for optimal learning experiences. And, standing next to our iconic Expo Center & Playground, they make our campus even more spectacular.

## A city within a city

Our campus is like a city within a city – it even has its own facilities like shopping center, Bank, Masque, cafés, libraries, gym, specialty shops, a small supermarket you'll never have to leave!



# Vice Chancellor's Message

The University of Balochistan is the oldest and premier University of Balochistan. Since its establishment in 1970, 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 8 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. The University of Balochistan is located in a rich natural environment, and is a university that respects diverse values. Our university intends to contribute to the international society by demonstrating leadership as an innovative, unique, and cosmopolitan center of knowledge with an influential voice on the international scene.

God bless you.

**Dr. Shafiq-ur-Rehman**  
Vice Chancellor



# Registrar's Message

Dear Students

Being Registrar University of Balochistan, it gives me pleasure to welcome you in one of the oldest and premier Universities 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 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.

**Gul Muhammad Kakar**

Registrar

# Beyond the classroom

**Experience matters. Make it count.**

## Internships

Internships are a great way to get first-hand industry experience and figure out if your dream career is right for you. Our students have interned in leading companies and institutions nationally and internationally, paving the way to fulfilling and exciting careers.

## Leadership and involvement opportunities

Employers love to see leadership experience on your résumé – and we love to help you get it! At university of Baluchistan you can:

- Take part in leadership conferences
- Participate in peer mentoring programs
- Engage in community projects and partner with organizations to make it happen

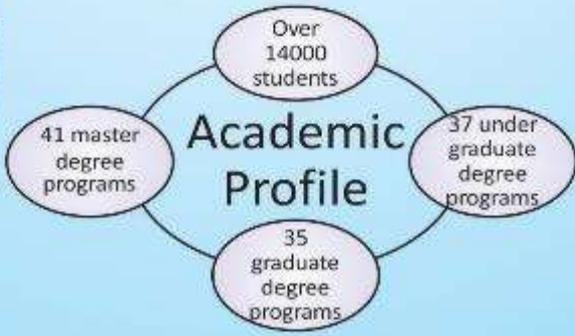
## Volunteering

Take your skills into the community, contribute to a cause you are passionate about, and make a difference! You can volunteer in University of Baluchistan, elsewhere or even go overseas. In many cases your experience can count towards your degree. University of Baluchistan cater volunteers through “UOBIANS” volunteer group.

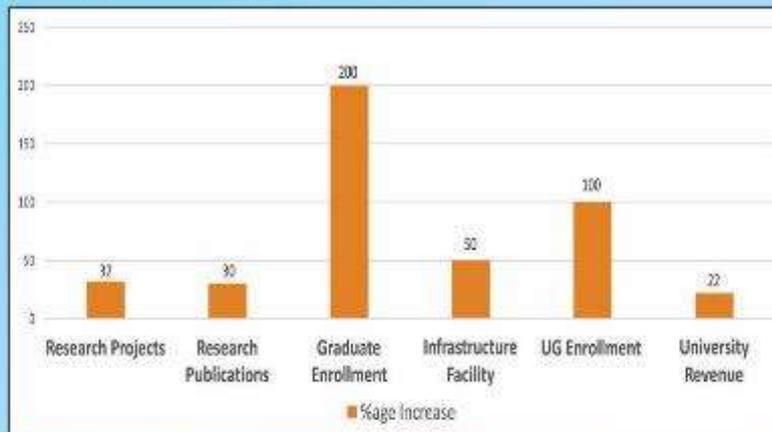




# Journey Towards Excellence, 2013-2020



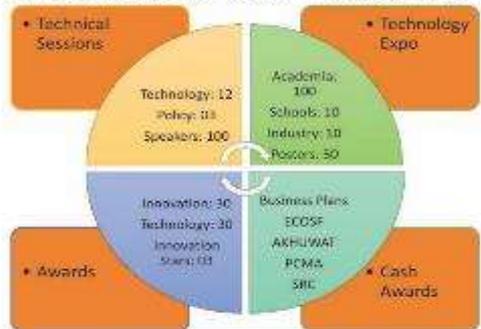
## Percentage increase in key indicators of higher education since 2013



## Research Innovation



## Innovation Summit – Balochistan



## Establishment and Strengthening of Support Offices

- Office of Research Innovation & Commercialization (ORIC)
- Graduate Studies Office (GSO)
- Directorate of Distance Education (DDE)
- Faculty Training Development Centre (FTDC)
- Quality Assurance Directorate (QAD)

## Key Features



Inspiration of collaboration among Industry, academia and Government



Networking with stakeholders



Achievement for system change and improvement of wellbeing



Liaison with funding agencies



creation of culture of continuous innovation



Collaboration with experts



Linkages with investors



Opportunities & Access to Quality Education on Lowest Fees



Opportunity to win innovation and technology awards



Exposure of industry problems and technologies

## List of Patents

Title of Patent	Inventor	Year Issue	Name Patent Office & Country	Status
SYSTEM AND METHOD OF ANODIZED ALUMINUM OXIDE NANO-POROUS MEMBRANE PREPARATION	1. Nitin Afzulpurkar (Asian Institute of Technology, Thailand) 2. Ajab Khan Kasi (University of Balochistan, Pakistan)	July, 2014	US PATENT Publication No. US 2014/0202868 A1	Not Commercialized
ANODIZED ALUMINUM OXIDE TUBULAR NANO-POROUS MEMBRANE MODULE AND METHOD OF MANUFACTURE THERE OF	1. Nitin Afzulpurkar (Asian Institute of Technology, Thailand) 2. Ajab Khan Kasi (University of Balochistan, Pakistan)	July, 2014	US PATENT PUBLICATION No. US 2014/0202950 A1	Not Commercialized
MULTILAYER ANODIZED ALUMINIUM OXIDE NANO-POROUS MEMBRANE AND METHOD OF MANUFACTURE THEREOF	1. Nitin Afzulpurkar (Asian Institute of Technology, Thailand) 2. Ajab Khan Kasi (University of Balochistan, Pakistan)	July, 2014	US PATENT PUBLICATION No. US 2014/0202952 A1	Not Commercialized
ANODIZED ALUMINUM OXIDE NANOPOROUS MEMBRANE INTEGRATED WITH MICRO-CHANNEL AND METHOD OF FORMATION THEREOF	1. Nitin Afzulpurkar (Asian Institute of Technology, Thailand) 2. Ajab Khan Kasi (University of Balochistan, Pakistan)	July, 2014	US PATENT PUBLICATION No.20140272280 A1	Not Commercialized
ANODIZED ALUMINUM OXIDE TEMPLATE ENABLED NANOSTRUCTURE FORMATION AND METHOD THEREOF	1. Nitin Afzulpurkar (Asian Institute of Technology, Thailand) 2. Ajab Khan Kasi (University of Balochistan, Pakistan)	July, 2014	US PATENT PUBLICATION No. 2014/0332392A1	Not Commercialized

## Vaccine Production

Names of Vaccines	Sheep pox, Goat pox, PPR, Anthrax, Enterotoxemia, Black Quarter, Haemorrhagic septicemia, CCP
Average Annual Production	15 Million Doses Annually, with total production to date equal to 182.00
Production in 2016	22 Million Doses
Commercial Aspect	Average annual revenue (PKR): 3.5 Million & Revenue in 2016-17 (PKR): 30 Million
Clients	1. Major Livestock and Dairy Departments of the country 2. Food and Agriculture Organization (FAO) of UN 3. Other development organization and NGOs

## List of Research Journals Published

S.No.	Name of Journal	ISSN
1	Al-Burz	2071-9477
2	TAKATOO	2075-5929
3	Balochistan Review	1810-2174
4	Pure & Applied Biology	2304-2478
5	Hanken	2070-5573
6	Pakistan Studies	2311-6803

## Selected Consultancy Services 2015-16

1. Food and Agriculture Organization (FAO) of UN, Data Analyst Services for Baseline Survey, 2014-15.
2. BRSP, "Disaster Risk Reduction Training and Local Involvement" Chman City, Killa Abdullah District, May 2015.
3. ROHNNI Pakistan, District Level Training for Line Departments District Ziarat, 2015.
4. BRSP, Community Based Disaster Risk Management, Nasser Abad district, 2016.
5. IUCN, Environmental Conservation in Balochistan, Quetta, IUCN office 2016.
6. UNHCR, Vulnerability Assessment in Refuge Village Killa Safiullah, 2016.
7. Pakistan Reading Project (PRP), Balochistan, USAID, "To Develop Framework/Mechanism for Teacher's Certification and Licensing in Balochistan, 2016.
8. Aurat Foundation (UNDP) Funded Project on SDG-4 in perspective of Legislative/Policy Review, GAP Analysis, Balochistan, 2016.
9. Higher Education Commission (HEC), Islamabad, to Review the Performance of Universities/HEIs/DAs in Pakistan, 2016.
10. Consultant with Pakistan Academy for Science (PAS), Islamabad to develop strategic framework for Balochistan regarding intervention of PAS, 2015.
11. Consultant with UNESCO to "Integrate Themes of Disaster in School Curriculum, 2015.

12. Socioeconomic Consultant over the year to UNICEF, UNDP, World Bank, Asian Development Bank USAID, EU, Dutch Government, and CRS etc.
13. Socioeconomic consultant to PARC, PCRWR, and Ministry of women development, P & D Department, AERC, HBFC, State Bank of Pakistan, PIDE, and Planning Commission etc.
14. "Citizen Response Card (CRC) Survey Project for Provincial Ombudsmen Office Balochistan" in collaboration with Governance Support Project of World Bank, Implementation Support Unit, GSP-ISU, Planning and Development Department, Government of Balochistan, February-April 2015.
15. "Advancing Youth Social Entrepreneurship in Higher Education Institutes Project at University of Balochistan, Quetta" in collaboration with YES Network Pakistan and USAID, October-December 2015.
16. Balochistan Rural Support Programme for capacity building of community Livestock Workers, 2014-2015.
17. Biological Research Center (BRC), Defense Science and Technology Organization (DESTO) in establishment of laboratories and procedures for handling of biological, 2016-2017.
18. Food and Agriculture Organization (FAO) of UN FAO for improvement of vaccines and disease control in Balochistan, 2014-2016.

## Smart Campus Facilities:

S.No.	Description	Remarks
1	F.M. Service	Covering whole Quetta city
2	Wi-Fi Coverage	Main Campus
3	TV Studio	Newly established with latest equipment
4	Digital Library & Licensed Software Access	Access to over 500,000 books, Microsoft Licensed Software, Certified trainers through high speed HEC PERN Link.

## Available Transportation Facility

S.No.	Description	Quantity
1	Buses	25
2	Van	05
3	Ambulance	01
4	Pool Cars	04

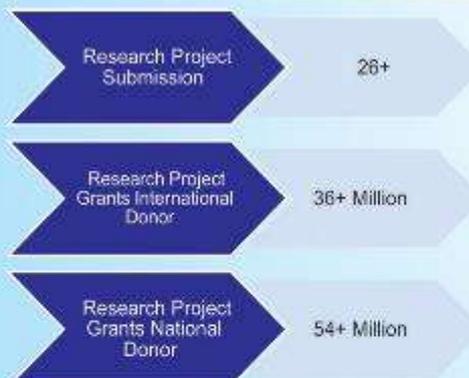
## Enrollment 2017

Summary:	Male	Female	Total
PhD	55	17	72
M.Phil/ MS	696	275	971
Bachelor Degree Program:	4185	1070	5255
Master Degree Program:	4730	1425	6155
<b>Grant Total:</b>	<b>9666</b>	<b>2787</b>	<b>12453</b>

## Research Publications HEC Recognized only



## Research Project Grants National Donor



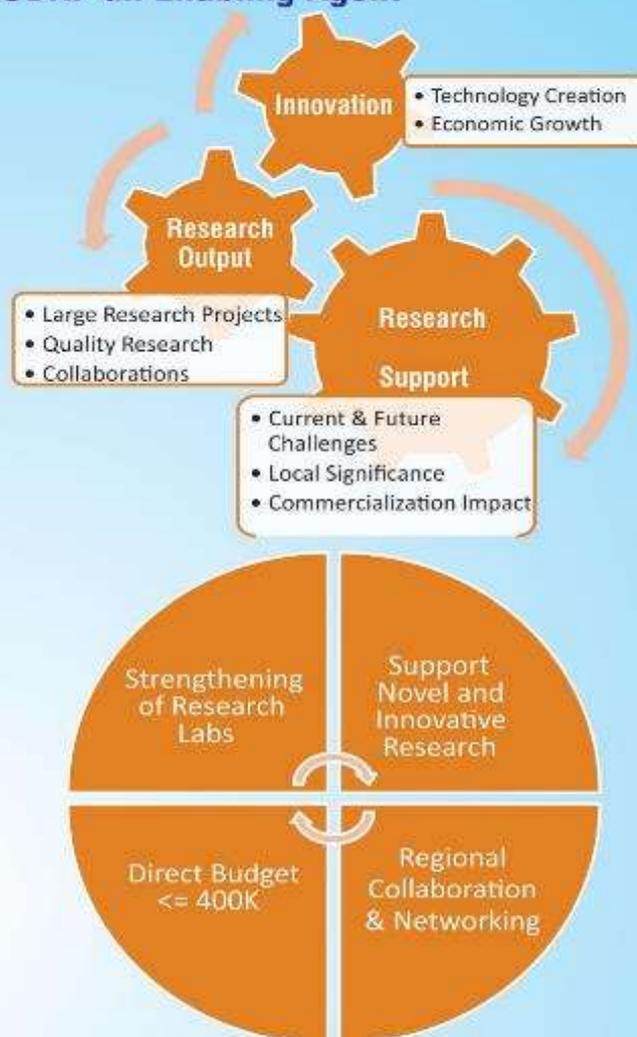
## Engineering & Development Projects

	Completed (In Millions)	Ongoing (In Millions)	Total (In Millions)
Books	-	145.5	145.5
Construction	118.6	702.545	821.145
Equipment	-	18.5	18.5
Renovation	19	11.5	30.5
<b>Total (In Millions)</b>	<b>137.6</b>	<b>878.045</b>	<b>1015.645</b>

## Internal Funding

To propel internal funding UoB has launched UBRF.

## UBRF an Enabling Agent



## Achievements





2021

## Faculty of Basic Sciences

- ▶ Physics
- ▶ Chemistry
- ▶ Mathematics
- ▶ Statistics



# Physics

## Program(s)

M.Sc

## Eligibility

B.Sc with Physics and  
Mathematics with 45% marks

## Duration

2 Years (4 Semesters)  
Full time

## Entry

Semester-1

## Contact hours

(first year, full time)  
Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

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 many folds and has produced thousands of M.Sc. in Physics. First time regular classes of M.Phil and PhD started in 2014 on semester system. In this first batch 11 scholars of M.Phil and 10 Scholars of PhD successfully completed their course work. The department of Physics emphasize 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.

## Objectives

- 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 main objectives of Department of Physics are,



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

### Vocational Job Opportunities/ Marketability of Graduates

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.



Semester Breakup							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Mathematical Methods of Physics-I	Thermal and Statistical Physics	Electromagnetic Theory-I	Electronics-I	Solid State Physics	Functional English
	<b>Course Code</b>	Phy-601	Phy-602	Phy-603	Phy-604	Phy-605	Phy-606
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	4(3-1)	3(3-0)	2(2-0)
	<b>Sem-2</b> Total 17 Credit Hrs.	Mathematical Methods of Physics-II	Classical Mechanics	Electromagnetic Theory-II	Electronics-II	Solid State Physics –II	
	<b>Course Code</b>	Phy-607	Phy-608	Phy-609	Phy-610	Phy-611	
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	4(3-1)	4(3-1)		

Year 2	<b>Sem-3</b> Total 17 Credit Hrs.	Quantum Mechanics-I	Nuclear Physics	Atomic & Molecular Physics	Computational Physics-I	Digital Electronics	
	<b>Course Code</b>	Phy-612	Phy-613	Phy-614	Phy-615	Phy-616	
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	
	<b>Note: Students need to select any one of the following elective courses</b>						
	<b>Elective Courses</b> Total 19 Credit Hrs.	Communication Systems	Mechatronics	Environmental Physics	Nanoscience and Nanotechnology		
<b>Course Code</b>	Phy-601	Phy-602	Phy-603	Phy-604	Phy-605	Phy-606	
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	4(3-1)	3(3-0)	2(2-0)	

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

## 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 has 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 different 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 nanogenerators. 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, and resistivity measuring equipment, dielectrics constant measuring equipment, magnetic flux generators and measuring tools, sensitive amplifiers, digital analyzer, oscilloscopes, spectrometers and data acquisition tools.



# Chemistry

**Program(s)**

M.Sc

**Eligibility**

B.Sc with Chemistry with 45% Marks

**Duration**

2 Years (4 Semesters)

Full time

**Entry**

Semester-1

**Contact hours**

(first year, full time)

Approximately 16-22 hours per week

**Find out more**

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

**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 daily 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 4<sup>th</sup> compulsory subject in M.Sc Final.

Department of Chemistry started the BS Program in Chemistry in light of the vision of HEC Islamabad.

### 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.

### 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							
Year 1	<b>Sem-1</b> Total 20 Credit Hrs.	Analytical Chemistry-I / Biochemistry-I	Inorganic Chemistry-I	Organic Chemistry-I	Physical Chemistry-I	Functional English	Mathematics for Chemists
	<b>Course Code</b>	CHEM-601/620*	CHEM-603	CHEM-604	CHEM-605	ENG-653	MATH-654
	<b>Credit Hrs.</b>	4 (3-1)	4 (3-1)	4 (3-1)	4 (3-1)	2 (2-0)	2 (2-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Analytical Chemistry-II / Biochemistry- II*	Inorganic Chemistry-II	Organic Chemistry-II	Physical Chemistry-II	Computer and its Applications in Chemistry	
	<b>Course Code</b>	CHEM-606/607*	CHEM-608	CHEM-609	CHEM-610	CHEM-655	
<b>Credit Hrs.</b>	4 (3-1)	4 (3-1)	4 (3-1)	4 (3-1)	2 (2-0)		
<b>*The students have choice to opt Analytical Chemistry or Biochemistry.</b>							

The students have to adopt one Specialization set from the followings Specialization in Analytical Chemistry							
Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Analytical Chemistry-III	Analytical Chemistry-IV	Analytical Chemistry-V	Environmental Chemistry	Analytical Chemistry Practical	
	<b>Course Code</b>	CHEM-611	CHEM-612	CHEM-613	CHEM-614	CHEM-615	
	<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	3 (3-0)	3 (0-3)	

Specialization in Biochemistry						
	Biochemistry–III	Biochemistry–IV	Biochemistry–V	Environmental Chemistry	Biochemistry Practical	
<b>Course Code</b>	CHEM-616	CHEM-617	CHEM-618	CHEM-614	CHEM-619	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	3 (3-0)	3 (0-3)	
Specialization in Inorganic Chemistry						
	Inorganic Chemistry–III	Inorganic Chemistry–IV	Inorganic Chemistry–V	Environmental Chemistry	Inorganic Chemistry Practical	
<b>Course Code</b>	CHEM-620	CHEM-621	CHEM-622	CHEM-614	CHEM-623	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	3 (3-0)	3 (0-3)	
Specialization in Organic Chemistry						
	Organic Chemistry–III	Organic Chemistry–IV	Organic Chemistry–V	Environmental Chemistry	Organic Chemistry Practical	
<b>Course Code</b>	CHEM-624	CHEM-625	CHEM-626	CHEM-614	CHEM-627	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	3 (3-0)	3 (0-3)	
Specialization in Physical Chemistry						
	Physical Chemistry–III	Physical Chemistry–IV	Physical Chemistry–V	Environmental Chemistry	Physical Chemistry Practical	
<b>Course Code</b>	CHEM-628	CHEM-629	CHEM-630	CHEM-614	CHEM-631	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	3 (3-0)	3 (0-3)	
Specialization in Analytical Chemistry						
<b>Sem-4</b> Total 17 Credit Hrs.	Analytical Chemistry–VI	Analytical Chemistry–VII	Analytical Chemistry–VIII	Analytical Chemistry Practical	Research Literature Review	
<b>Course Code</b>	CHEM-632	CHEM-633	CHEM-634	CHEM-635	CHEM-636	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	2 (0-2)	6 (6-0)	
Specialization in Biochemistry						
	Biochemistry–VI	Biochemistry–VII	Biochemistry–VIII	Biochemistry Practical	Research Literature Review	
<b>Course Code</b>	CHEM-637	CHEM-638	CHEM-639	CHEM-640	CHEM-636	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	2 (0-2)	6 (6-0)	
Specialization in Inorganic Chemistry						
	Inorganic Chemistry–VI	Inorganic Chemistry–VII	Inorganic Chemistry–VIII	Inorganic Chemistry Practical	Research Literature Review	
<b>Course Code</b>	CHEM-641	CHEM-642	CHEM-643	CHEM-644	CHEM-636	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	2 (0-2)	6 (6-0)	
Specialization in Organic Chemistry						
	Organic Chemistry–VI	Organic Chemistry–VII	Organic Chemistry – VIII	Organic Chemistry Practical	Research Literature Review	
<b>Course Code</b>	CHEM-645	CHEM-646	CHEM-647	CHEM-648	CHEM-636	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	2 (0-2)	6 (6-0)	
Specialization in Physical Chemistry						
	Physical Chemistry–VI	Physical Chemistry–VII	Physical Chemistry–VIII	Physical Chemistry Practical	Research Literature Review	
<b>Course Code</b>	CHEM-649	CHEM-650	CHEM-651	CHEM-652	CHEM-636	
<b>Credit Hrs.</b>	3 (3-0)	3 (3-0)	3 (3-0)	2 (0-2)	6 (6-0)	

Year 2

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.



# Mathematics

## Program(s)

M.Sc

## Eligibility

- BA/B.Sc with Mathematics A-Course with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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 and 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.



SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 17 Credit Hrs.	Functional English	Advanced Calculus	Linear Algebra	Differential Geometry	Set Topology	Ordinary Differential Equations
	<b>Course Code</b>	ENG-601	MATH-601	MATH-602	MATH-603	MATH-604	MATH-605
	<b>Credit Hrs.</b>	2(2-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 15 Credit Hrs.	Real Analysis	Group Theory	Vector and Tensor Analysis	Complex Analysis	Analytical Dynamics	
	<b>Course Code</b>	MATH-606	MATH-607	MATH-608	MATH-609	MATH-610	
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)		
Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Partial Differential Equations	Numerical Methods	Elective-1	Elective- 2	Elective- 3	Elective- 4
	<b>Course Code</b>	MATH-611	MATH-612	-	-	-	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 18 Credit Hrs.	Elective- 5	Elective- 6	Elective- 7	Elective- 8	Research Project	
	<b>Course Code</b>	-	-	-	-	-	
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	6(6-0)		

### 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.



# Statistics

## Program(s)

M.Sc.

## Eligibility

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

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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 Efenbein 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



SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 17 Credit Hrs.	Functional English	Mathematical Methods for Statistics	Parametric Statistical Methods	Probability and Probability Distributions – I	Sampling and Survey Methods – I	Design and Analysis of Experiments – I
	<b>Course Code</b>	ENG-601	STAT-602	STAT-603	STAT-604	STAT-606	STAT-608
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 15 Credit Hrs.	Probability and Probability Distributions–II	Sampling and Survey Methods – II	Design & Analysis of Experiments–II	Elective Course	Elective Course	-
	<b>Course Code</b>	STAT-605	STAT-607	STAT-609	-	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	-	

Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Data Processing and Statistical Computing–I	Statistical Inference – I (Estimation)	Regression Analysis and Econometrics-I	Elective Course	Elective Course	-
	<b>Course Code</b>	STAT-610	STAT-612	STAT-614	-	-	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	-
	<b>Sem-4</b> Total 18 Credit Hrs.	Data Processing and Statistical Computing – II	Statistical Inference – II (Hypotheses Testing)	Regression Analysis Econometrics-II	Research Review and Presentation	Elective Course	-
	<b>Course Code</b>	STAT-611	STAT-613	STAT-615	STAT-616	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	6(6-0)	3(3-0)	-	

List of Core Courses					
Functional English	Mathematical Methods for Statistics	Parametric Statistical Methods	Probability and Probability Distributions – I	Probability and Probability Distributions – II	Sampling and Survey Methods – I
Sampling and Survey Methods – II	Design and Analysis of Experiments – I	Design and Analysis of Experiments – II	Data Processing and Statistical Computing – I	Data Processing and Statistical Computing – II	Statistical Inference – I (Estimation)
Statistical Inference – II (Hypotheses Testing)	Regression Analysis Econometrics-I	Regression Analysis Econometrics-II	Research Review and Presentation	-	-
List of Elective Courses					
Nonparametric Statistical Methods	Introduction to Multivariate Statistics	Statistical Quality Control	Reliability Theory	Survival Analysis	Introduction to Bio Statistics
Categorical Analysis	Operations Research	Advanced Operations Research	Bayesian Statistics	Advanced Theory of Statistics	Introduction to Time Series
Theory and Applications of Nonlinear Models	Stochastic Processes	Robust Statistical Methods	Spatial Data Analysis	Population Studies	-

### Facilities

**Computer Laboratory:** A computer laboratory with statistical packages such as SPSS, MINITAB, and R for students and researchers.

**Departmental Library:** The departmental seminar library has around 400 books on different branches of statistics.

**Internet:** The internet facility is available 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.



2021

## Faculty of Management Sciences, Business & IT

- ▶ Commerce
- ▶ Economics
- ▶ Computer Science & Information Technology
- ▶ Library & Information Science
- ▶ Institute of Management Sciences (IMS)



# Commerce

## Program(s)

M.Com

## Eligibility

B.Com with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

The Department of Commerce has 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. The department unfolds viable educational environment that tends to foster both research and analysis skills in 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.

The Department, in keeping with the advances made in different branches of commerce, has revised the curriculum from time to time. The last revision of curriculum has taken place very recently in 2016. Under the new curriculum, the Department has upgraded to the system of semester-based teaching. Currently, M.Com. Program run by the Department both in the Morning and Evening Sessions, offers 19 Core courses 04 Elective / Specialization courses and a Research Project. M.Phil and PhD program have also been structured to cater the need of



Balochistan in area of Commerce & Business.

Leadership and faculty of the department are seeking ways to enable the students to be the business leaders, Managers, Entrepreneurs, Auditors, 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:
  - Financial Institutions
  - Audit and Accountancy Firms
  - Federal & Provincial Audit Departments
  - Industries and Commerce Department
  - Taxation Management
  - Banking Sector
  - Entrepreneurship
  - Local & Multinational NGOs
  - Public & Private Sector Organizations
  - Commerce Colleges



SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Principles of Management	Principles of Marketing	Quantitative Techniques in Business	Managerial Economics	Financial Accounting	Entrepreneurship
	<b>Course Code</b>	COM-601	COM-602	COM-603	COM-604	COM-605	COM-606
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Research Methods in Business	Advanced Cost and Management Accounting.	Organizational Behaviour	Financial Management.	Management Information System (MIS)	Project Management
	<b>Course Code</b>	COM-607	COM-608	COM-609	COM-610	COM-611	COM-612
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Human Resource Management.	International Business	E-Commerce	Dispute Resolution	Elective-I	Elective-II
	<b>Course Code</b>	COM-613	COM-614	COM-615	COM-616	-	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 18 Credit Hrs.	Operations and Production Management	Strategic Management	Corporate Law	Research project and Report writing	Elective-III	Elective-IV
	<b>Course Code</b>	COM-617	COM-618	COM-619	COM-620	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

### List of Specialization

A student will be required to opt 04 Elective subjects from among the following fields of 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 Semester Committee (DSC)

1. Accounting					
Advanced Accounting Theory & Practice	Public Sector Accounting	Advanced Auditing		Cost Accounting Applications	
COM-621	COM-622	COM-623		COM-624	
2. Banking & Finance					
Portfolio Management	Islamic Finance	Corporate Finance	Specialized Financial Institutions	International Finance	Treasury & Fund Management
COM-625	COM-626	COM-627	COM-628	COM-629	COM-630
Security Analysis	Banking Laws & Practice	International Banking	Regulations for Financial Institutions	Marketing of Financial Services	Islamic Banking
COM-631	COM-632	COM-633	COM-634	COM-635	COM-636
3. Human Resource Management					
Recruitment and Selection	Training & Development	Organization Studies	Performance & Compensation Management		Change Management
COM-637	COM-638	COM-639	COM-640		COM-641
Corporate Governance, Sustainability & Social Responsibility	Leadership	Strategic Human Resource Management	Industrial Relations		-
COM-642	COM-643	COM-644	COM-645		-
4. Marketing					
International Marketing	Marketing Management	Retail Management	Marketing Communication	Marketing Research	Hotel & Restaurant Management
COM-646	COM-647	COM-648	COM-649	COM-650	COM-651

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
<b>Total Credit Hours</b>	<b>23+Project</b>	<b>72</b>	

# Economics

## Program(s)

M.Sc

## Eligibility

B.A with Economics/B.Com with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

The Department of Economics initially started working at the Degree College, Quetta, in 1971. Economics is a discipline of social sciences. It studies relationship between needs and scarce means which have alternative uses. Economics, is the study of general 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.

Economics phenomenon or activity means every systematic Endeavor to satisfy a material need, or more precisely one which seeks with available means to achieve the best possible results, or a given results with the least possible means.

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

## Objectives

- To provide qualified and focused professionals in the fields of economics to meet the future needs of public and private sectors and research institutes.
- To prepare researchers to meet the needs of the publican and private sectors research organizations.
- To foster an environment that promotes learning through quality teaching and research, while encouraging mutual respect, tolerance and sensitivity.
- To prepare researchers to meet the needs of industry and research organizations, science and technology at the federal and provincial



level.

- To develop personality of raw hands through continuous guidance and counseling.

### 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)

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Micro Economics I	Macro Economics I	Mathematical Economics I	Statistics-I	Agricultural Economics	Introduction to computer Application.
	<b>Course Code</b>	ECO-601	ECO-602	ECO-603	ECO-604	ECO-605	CS-601
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 17 Credit Hrs.	Micro Economics II	Macro Economics II	Mathematical Economics II	Statistics-II	Issues in Pak Economy	Functional English
	<b>Course Code</b>	ECO-606	ECO-607	ECO-608	ECO-609	ECO-610	EN-601
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	2(2-0)	

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Econometrics I	Development Economics	International Trade	Monitory Economics	Public finance	Research Methodology
	<b>Course Code</b>	ECO-611	ECO-612	ECO-613	ECO-614	ECO-615	ECO-616
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 18 Credit Hrs.	Econometrics II	Managerial Economics	Research project	Elective I	Elective II	Elective III
	<b>Course Code</b>	ECO-617	ECO-618	ECO-619	ECO-620	ECO-621	-
<b>Credit Hrs.</b>	3(3-0)	6(6-0)	3(3-0)	3(3-0)	3(3-0)	-	

Total Credit Hours = 71

List of Elective Subjects for M.Sc Economics			
Regional trade integration	Comparative economic systems	Human resource development	Islamic Economics
ECO-620	ECO-621	ECO-622	ECO-623
Labour economics	Population economics	Environmental Economics	Managerial economics
ECO-624	ECO-625	ECO-626	ECO-627

### Facilities

**Prof. Shukarullah Memorial Library:** The departmental library is managed by a qualified Librarian and 700 books covering different disciplines of economics. These books are in addition to more the 2200 books available in central library of the University. A large number international research journals are also available on the digital library. Journals of some reputed national organizations are also available in the library.

# Computer Science & Information Technology

**Program(s)**  
MCS

**Eligibility**  
B.Sc. with Computer Science with 45% marks

**Duration**  
2 Years (4 Semesters)  
Full time

**Entry**  
Semester-1

**Contact hours**  
**(first year, full time)**  
Approximately 16-22 hours per week

**Find out more**  
[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

**Computer Laboratory:** The computer facility is available for research activities and only for study econometrics and for M.Phil scholars research and study.

## Introduction

The advent of 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 heavenly bodies in our solar system. After the devastating World War II, the discipline of computer science emerged out from the outgrowth of 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 demand a responsive system and skilled human resources. In the recent years, China-Pakistan Economic Corridor (CPEC) demands 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 Science (MCS) in 2001, the department also initiated its programs of BS(CS) and BS(IT) in 2002. Over a course of a decade, the department harnessed its faculty and study programs and started MS 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 national and provincial level in public and private sectors could be fulfilled.
- To develop academic and research environment at the department that will generate innovative learning, practicing ventures, new knowledge and innovative solutions in the field of computer science and ICT that will inculcate academic & research culture aimed at professional grooming and creative thinking.

## Job/Career Opportunities

Graduates from this department are working in a wide range of government and private organizations of the country. Carriers and job opportunities are enormous of which a few are mentioned below:

- 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.

SEMESTER BREAKUP						
Year 1	<b>Sem-1</b> Total 16 Credit Hrs.	Functional English and technical writing	Introduction to Information and Communication Technologies	Fundamentals of Computer Programming	Principles of Software Engineering	Discrete Mathematics
	<b>Course Code</b>	EG-661	CS-661	CS-662	CS-663	MT-661
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	4(4-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 16 Credit Hrs.	Data structures	Computer Communication & Networks	Theory of Automata & Formal Languages	Object Oriented Programming & Design	Database Systems
	<b>Course Code</b>	CS-664	CS-665	CS-666	CS-667	CS-668
	<b>Credit Hrs.</b>	4(4-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)

Year 2	<b>Sem-3</b> Total 19 Credit Hrs.	Computer Organization & Assembly Language	Computer graphics	Design and analysis of algorithms	Principles of Operating Systems	Compile construction	ELECTIVE-I
	<b>Course Code</b>	CS-669	CS-670	CS-671	CS-672	CS-673	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	4(4-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 19 Credit Hrs.	Logic Design and Computer Architecture	Web Engineering	Artificial Intelligence Principles	ELECTIVE II	Project	-
	<b>Course Code</b>	CS-674	CS-675	CS-676	-	CS-677	-
	<b>Credit Hrs.</b>	3(3-0)	4(4-0)	3(3-0)	3(3-0)	6(6-0)	-

## Facilities

**Departmental Library:** The departmental library has over 1500 books covering a wide range of topics 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.

# INSTITUTE OF MANAGEMENT SCIENCES

## Program(s)

MLIS

## Eligibility

B.A/ B.Sc./ B.Com or its equivalent with 45% marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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.

SEMESTER BREAKUP (MPA) (60-66 Credit Hours, courses @ 3Credit hour each)						
Year 1	<b>Sem-1</b> Total 15 Credit Hrs.	Mathematics & Statistics for Management	Fundamentals of Financial Accounting	Principles of Management	IT Application Packages/Computer Applications for Decision Making	Economic Analysis
	<b>Course Code</b>	PA-601	PA-603	PA-604	PA-605	PA-607
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 15 Credit Hrs.	Statistical Inference	Organizational Communication	Public Administration & Society	Organizational Behavior	Public Administration in Pakistan
	<b>Course Code</b>	PA-606	PA-602	PA-608	PA-615	PA-611
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Public Financial Administration	Management Information System	Research Methods & Techniques	Human Resource Management in Public Sector	Optional (Field of Specialization)
	<b>Course Code</b>	PA-612	PA-610	PA-614	PA-620	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 15 Credit Hrs.	Project Management	Public Policy Analysis	Thesis /Project OR Muslim Administration	Optional (Field of Specialization)	Optional (Field of Specialization)
	<b>Course Code</b>	PA-613	PA-617	PA-618	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

#### SPECIALIZATION COURSES

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

Development Studies				
Community & Rural Development	Development Planning & Administration	Sustainable Development	Comparative & Development Administration	Resource Development
PA-631	PA-632	PA-633	PA-634	PA-635
Human Resource Development				
Personnel Policy	Training and Development	Industrial Relations	Labour Laws in Pakistan	Conflict Management
PA-652	PA-652	PA-653	PA-654	PA-655
Time Management	-	-	-	-
PA-656	-	-	-	-
Health Administration				
Health Financial Management	Health Policy & Planning	Epidemiology & Bio-Statistics	Hospital Management	Health Care Marketing
PA-661	PA-662	PA-663	PA-664	PA-665

# Library & Information Science

## Program(s)

MLIS

## Eligibility

B.A/ B.Sc with 45% marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

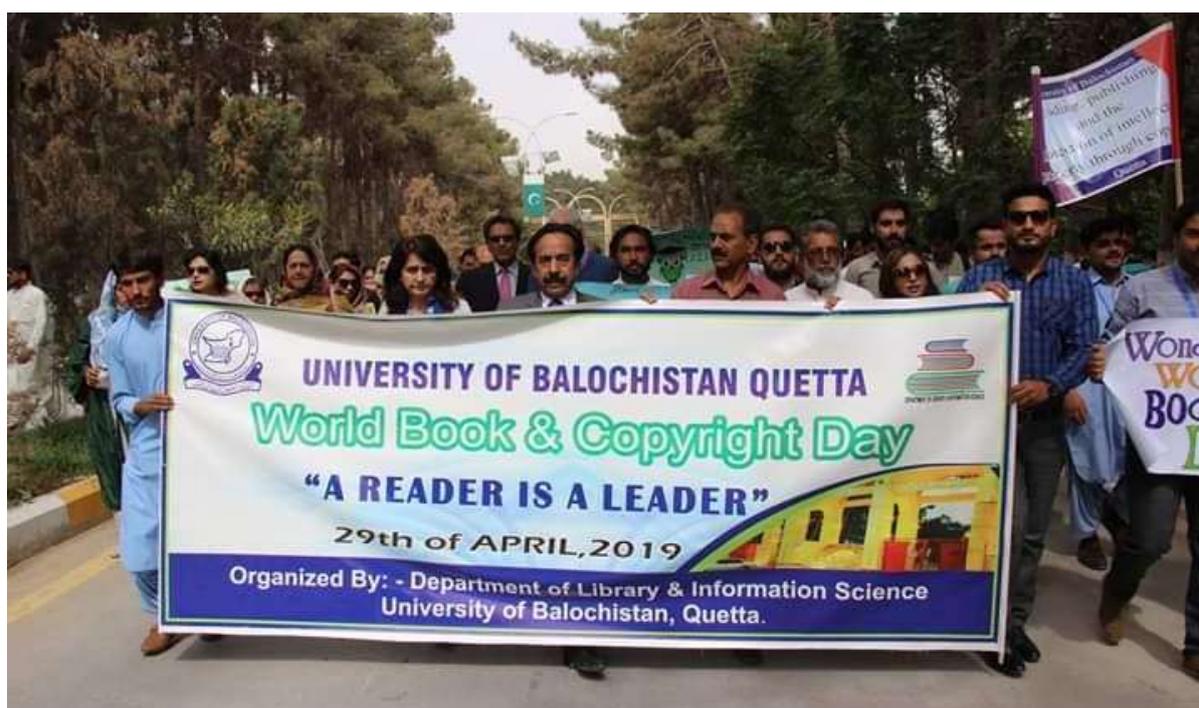
## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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 and now going to start BS in Library & Information Science 4 years program in 2018

### 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

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Foundation of librarianship	Introduction to information science	Introduction to classification	Introduction to cataloguing	Reference & information sources and services	Communication Skills
	<b>Course Code</b>	LIS-601	LIS-602	LIS-603	LIS-604	LIS-606	LIS-615
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	1.5(1.5-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Management of libraries & information centers	Information technologies and libraries	Information literacy instruction	Applied classification	Applied cataloguing	Collection development
	<b>Course Code</b>	LIS-605	LIS-608	LIS-609	LIS-610	LIS-611	LIS-612
	<b>Credit Hrs.</b>	3(3-0)	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Advance management & leadership skills	Research methods in library and information science	Personality development
	<b>Course Code</b>	LIS-613	LIS-614	LIS-616
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 18 Credit Hrs.	Digital Libraries	International/ Practicum	Communication & Media Librarianship
	<b>Course Code</b>	LIS-623	LIS-624	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)

Elective Courses (Semester-3)			
Archives and records management (offered)	Marketing of library and information revises (offered)	Management of serial publications (offered)	Electronic resource management
LIS-617	LIS-618	LIS-619	LIS-627
3(2-1)	3(3-0)	3(2-1)	3(2-1)

The students can opt 03 elective subject

Elective Courses (Semester-4)			
Academic libraries (offered)	Applied library automation (offered)	Indexing and abstracting (offered)	Scientific & technical information sources

LIS-622	LIS-624	LIS-625	LIS-628
3(2-1)	3(3-0)	3(2-1)	3(2-1)
Project Management	Humanities & social sciences information sources	Thesis and viva voce	-
LIS-629	LIS-630	LIS-626	-
3(2-1)	3(3-0)	3(2-1)	3(2-1)

**Total Credit Hours 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> Semester: 72**

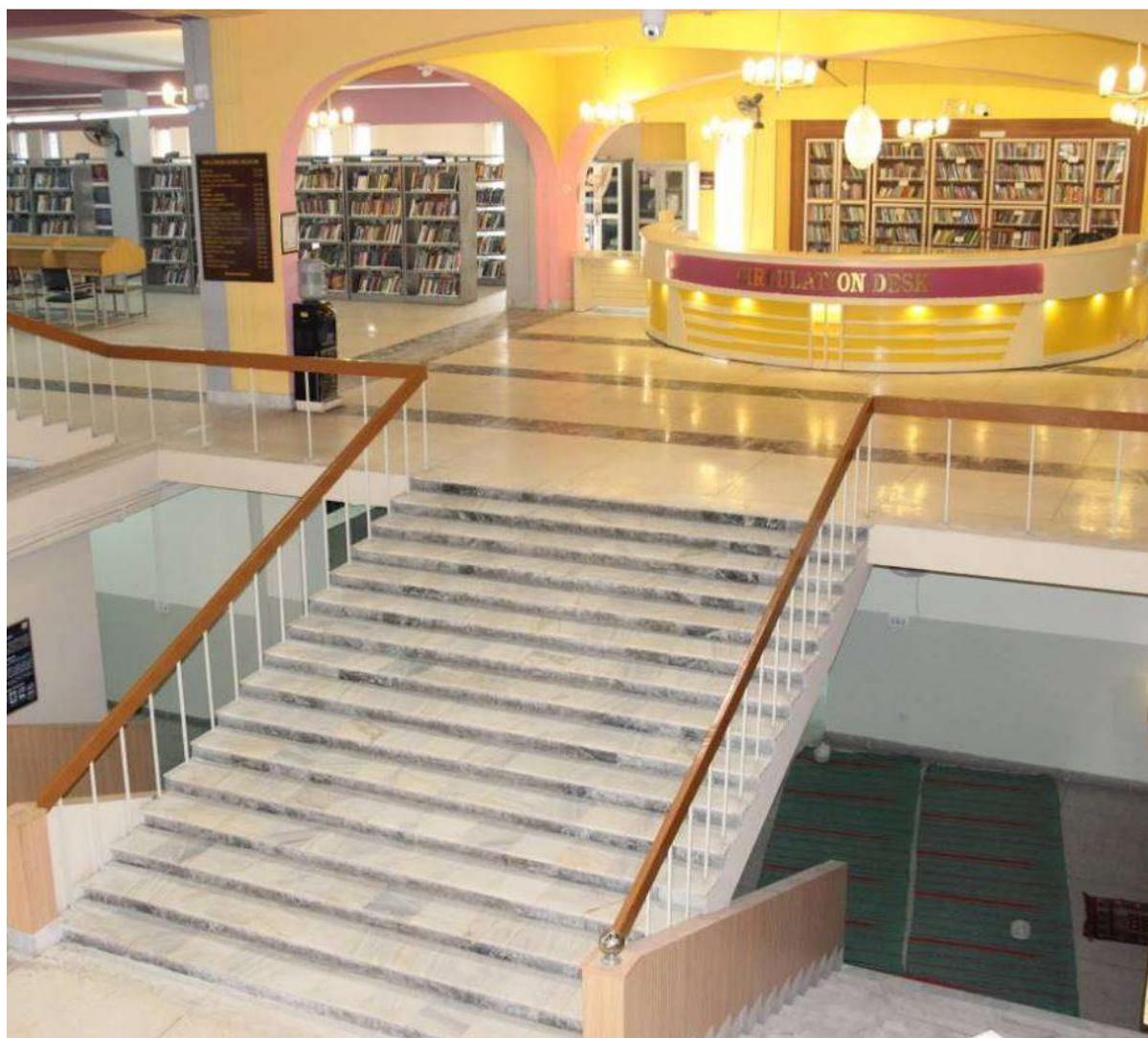
**N. B.** The students can opt “Thesis” as an elective course in terms of obtaining required (CGPA) i.e. 2.50 OR otherwise, if the students are not willing to opt thesis then they will have to study the courses that are LIS-622 & LIS 630.

### 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.





2021

## Faculty of Life Sciences

- ▶ Institute of Biochemistry
- ▶ Botany
- ▶ Microbiology
- ▶ Zoology



# Institute of Biochemistry

## Program(s)

M.Sc

## Eligibility

B.Sc with Chemistry, Botany & Zoology with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

The Institute of Biochemistry, was established in 1986 initially as a research Institute entertaining only M.Phil / Ph.D students. Later in 1991 M.Sc. Program in Biochemistry was started. In 2006, BS (4 years) program in Biochemistry and Biotechnology was also started.

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.

Biochemistry tries to answer questions that are fundamental to life. What are the molecules that constitute living organisms? How are they made and how is their synthesis regulated? How are they organized into cells? How they interact with each other and how is their synthesis regulated? What is the molecular basis of such processes as genetic inheritance, immunological recognition of self and non- self? What goes wrong to cause human diseases such as cancer, heart attacks, Alzheimer and diabetes and how can such errors be corrected? This knowledge finds practical applications in medicine, agriculture, brewing and biotechnology. Biochemists devise new ways of diagnosing and treating human, animal and plant diseases.

## Objectives:

- To prepare graduates in modern biological science such as Biochemistry/ Biotechnology who are able to make a valuable beginning in many different careers in their practical life.
- To 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.

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

## 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.

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	English	General Haematology	Basic Biochemistry	Environmental Biochemistry	Bio-Organic Chemistry	Enzymology
	<b>Course Code</b>	ENG-401	Bio-402	Bio-403	Bio-404	Bio-405	Bio-406
	<b>Credit Hrs.</b>	0(0-0)	4(3-1)	3(3-0)	3(3-0)	4(3-1)	4(3-1)
	<b>Sem-2</b> Total 19 Credit Hrs.	Advance Biochemistry	Analytical Biochemistry-I	Molecular Biology	Biomolecules	Basic Biotechnology	-
	<b>Course Code</b>	Bio-407	Bio-408	Bio-409	Bio-410	Bio-411	-
	<b>Credit Hrs.</b>	3(3-0)	4(3-1)	4(3-1)	4(3-1)	4(3-1)	-
Year 2	<b>Sem-3</b> Total 19 Credit Hrs.	Clinical Biochemistry	Analytical Biochemistry-II	Advance Molecular Biology	Cell Biology	Immunology	-
	<b>Course Code</b>	Bio-412	Bio-413	Bio-414	Bio-415	Bio-416	-
	<b>Credit Hrs.</b>	4(3-1)	4(3-1)	4(3-1)	4(3-1)	3(3-0)	-
	<b>Sem-4</b> Total 18 Credit Hrs.	Genomics	Cell Signalling	Bio-statistics	Research methodology	Research Thesis/Practicals	-
	<b>Course Code</b>	Bio-417	Bio-418	Bio-419	Bio-421	Bio-422	-
	<b>Credit Hrs.</b>	4(3-1)	3(3-0)	4(3-1)	3(3-0)	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.

# Botany

**Program(s)**

M.Sc

**Eligibility**

B.Sc with Botany with 45% marks

**Duration**

2 Years (4 Semesters)

Full time

**Entry**

Semester-1

**Contact hours**

(first year, full time)

Approximately 16-22 hours per week

**Find out more**

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

**Introduction**

Botany is one of the main branches of Biology (zoology being the other); it is the systematic and scientific study of plants. Botany covers a lot of scientific discipline, such as chemistry, pathology, microbiology etc. 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. Initially it was working as a Department of life sciences, but later on started functioning separately as Department of Botany since March, 1980. The Department is responsible 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 prepare graduates and highly qualified focused professionals in the subject of Botany to meet the future needs of educational institutions/ research organizations/ forestry/ horticulture.
  - To prepare researchers to meet the need of industry, science and technology.
- To provide educational programs which encourage students to think creatively, constructively and to communicate their ideas and skills effectively
  - To foster an environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.

**Vocational Job Opportunities/Marketability of Graduates**

- 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.

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 17 Credit Hrs.	Biostatistics	Virology & Bacteriology	Phycology & Bryology	Mycology & Plant Pathology	Diversity of vascular plants	English
	<b>Course Code</b>	Bot-501	Bot-502	Bot-503	Bot-504	Bot-505	-
	<b>Credit Hrs.</b>	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)	2(2-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Plant Systematics	Anatomy of Vascular Plants	Genetics-I	Plant Biochemistry-I	Plant Ecology-I	Plant Physiology-I
	<b>Course Code</b>	Bot-506	Bot-507	Bot-508	Bot-509	Bot-510	Bot-511
<b>Credit Hrs.</b>	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)	2(2-0)	

Year 2	<b>Sem-3</b> Total 17 Credit Hrs.	Molecular Biology	Plant Biochemistry II	Ecology-II	Plant Physiology-II	Biodiversity & Conservation	Research Methodology
	<b>Course Code</b>	Bot-601	Bot-602	Bot-603	Bot-604	Bot-605	Bot-512
	<b>Credit Hrs.</b>	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)	2(2-0)
	<b>Sem-4</b> Total 16 Credit Hrs.	Genetics-II	Environmental Biology	Advance paper-I	Advance Paper-II	Research Paper & Presentation	-
	<b>Course Code</b>	Bot-606	Bot-607	Bot-608	Bot-609	Bot-610	-
<b>Credit Hrs.</b>	3(2-1)	3(2-1)	3(2-1)	3(2-1)	4(0-4)	-	

## Facilities

### Research Fields, Equipments, Labs etc.

- Biochemistry
- Physiology
- Environmental Biology
- Taxonomy
- Psychology
- Ecology

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

**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 Equipments.** Atomic Absorption Spectrometer, Environmental Chamber, High Performance Liquid Chromatography (HPLC), Electrophoresis, Thermal Cycler, U.V-Vis. Spectrophotometer, Biophotometer, Germinators, Weather Monitoring Station, Flame Photometer.

**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. The Departmental Library also possesses research journals of plant sciences like, Pakistan Journal of Botany, Biologia, Journal of Forestry and Nature (back volumes). American Journal of botany (back volumes), Research Journal University of Balochistan, Journal of Cell Science and Journal of experimental Biology.

**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.

**Field trip/Excursion:** The major objectives are to familiarize the students with the flora and ecology of the different regions of Balochistan and Pakistan. During the Educational trip visits of Different universities and the research in institutes focused students towards development in field of Plant Sciences.

**Research Journal.** The Department of Botany is associated with the Internsational Society of Pure and Applied Biology (ISPAB) to publish a research journal entitled as “Pure and Applied Biology (PAB)”. PAB is an online, peer-reviewed; open-access scientific journal and is devoted to publish selected papers of latest advancement dealing with original research in the field of Biology. It is published quarterly per year. The aim of the PAB journal is to offer a platform for research students / scientists and academicians all over the world to promote, share and discuss various new issues and developments in different areas of Biology. Dr. Muhammad Younas Khan Barozai is the Editor-in-Chief of the PAB.

# Microbiology

## Program(s)

BS (Microbiology)

## Eligibility

B.Sc with Zoology/ Botany/ Chemistry with 45% marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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.
- To prepare researchers to meet the needs of society, industry and research organizations, science and technology.
- To develop the department as a nursery for the advanced level degree programs at other institutions particularly in the province of Balochistan.
- To enhance higher education in the field of applied biology and microbiological sciences.

### Vocational Job Opportunities/ Marketability of Graduates

- 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

SEMESTER BREAKUP						
Year 1	<b>Sem-1</b> Total 19 Credit Hrs.	General Microbiology	Mycology	Soil Microbiology	Bacterial Genetics	English
	<b>Course Code</b>	MICB-401	MICB-402	MICB-403	MICB-404	MICB-405
	<b>Credit Hrs.</b>	4(3-1)	4(3-1)	4(3-1)	4(3-1)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	General Immunology	General Virology	Environmental Microbiology & Public Health	Cell and Tissue Culture Technology	Biostatistics
	<b>Course Code</b>	MICB-406	MICB-407	MICB-408	MICB-409	MICB-410
	<b>Credit Hrs.</b>	4(3-1)	4(3-1)	4(3-1)	3(3-0)	3(3-0)

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Diagnostic Chemistry of Microbial Diseases	Molecular Immunology	Microbial Technology	Food and Dairy Microbiology	Clinical Bacteriology	-
	<b>Course Code</b>	MICB-411	MICB-412	MICB-413	MICB-414	MICB-415	-
	<b>Credit Hrs.</b>	4(3-1)	4(3-1)	4(3-1)	3(3-0)	3(3-0)	-
	<b>Sem-4</b> Total 17 Credit Hrs.	Marine Microbiology	Parasitology	Diagnostic Virology	Research/Report writing	<b>Biotechnology (Optional)</b>	<b>Bioinformatics (Optional)</b>
	<b>Course Code</b>	MICB-416	MICB-417	MICB-418	MICB-419	MICB-420	MICB-421
	<b>Credit Hrs.</b>	4(3-1)	3(3-0)	4(3-1)	6(6-0)	3(3-0)	3(3-0)

## Facilities

**Computer Laboratory:-**The central computer laboratory of the University is located in the department of Physics and could also be used by research scholars/ teachers of other department. An independent computer laboratory has also been established at the Department where the students are also allowed to avail the facility to acquaint with latest available knowledge through internet facility.

**Department Library:-** A department library has been established and about 800 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.

**Internet Facility:-** 10 Computers along with internet facility are available at the Department and students are allowed to use the internet after university timings.

**Journals and Articles:-**A large number of international research journals and articles are also available on Digital Library provided by here Higher Education Commission and facility has been extended to the students for downloading research articles etc.

**Multimedia and overhead Projector Facility:-** For teaching subjects on modern lines facility of Overhead project is available at the department



# Zoology

## Program(s)

M.Sc

## Eligibility

B.Sc with Zoology & Chemistry with 45% marks

## Duration

2 Years (4 Semesters)  
Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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 is one of the oldest department, started since 1979 under the Chairmanship of Doctor Maqsood Ali Ph.D (USA). It is offering graduate, postgraduate and doctoral program in various disciplines of zoology.

## Objectives

- To provide qualified and focused professional in the subject of Zoology to meet the future need of educational institutes, industry and society.
- To prepare research to meet the need of industry and research organization, science and technology.
- To import 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.
- To each different method to exploration. Investigation, organization to date and its utilization in practical life.
- To equip students with knowledge and skill for the better planning and management of animal resources, environment, health, medicine, agriculture post control.
- To provide education program which encourage students to think creatively.
- To foster environment that promotes learning through quality teaching research while encouraging mutual respect, tolerance and sensitivity.

## Job/Career 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



SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 20 Credit Hrs.	Cell Biology	Animal Diversity	Physiology	Biochemistry	Research Methodology	Functional English
	<b>Course Code</b>	Zool-651	Zool-652	Zool-653	Zool-654	Zool-655	Zool-656
	<b>Credit Hrs.</b>	3(2-1)	4(3-1)	4(3-1)	3(2-1)	4(3-1)	2(2-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Environmental Biology	Developmental Biology	Biostatistics	Zoogeography	Biotechnology and Bioinformatics	-
	<b>Course Code</b>	Zool-657	Zool-658	Zool-659	Zool-660	Zool-661	-
<b>Credit Hrs.</b>	3(2-1)	4(3-1)	4(3-1)	4(3-1)	3(2-1)	-	
Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Wildlife ecology Conservation & management	Evolution	Genetics	Special paper (Parasitology A, Entomology A Fisheries and Bionanotechnology A)	Elective Paper (insect of veterinary and medical importance)	
	<b>Course Code</b>	Zool-662	Zool-663	Zool-664	Zool-665	Zool-666	
	<b>Credit Hrs.</b>	4(3-1)	4(3-1)	3(2-1)	4(3-1)	3(2-1)	
	<b>Sem-4</b> Total 16 Credit Hrs.	Special Paper (Parasitology B, Entomology B, Fisheries B & Bionanotechnology B)	Elective Paper (Economic Zoology)	Principle of Systematic Zoology	Mammology/ Internship/ Project	-	
	<b>Course Code</b>	Zool-667	Zool-668	Zool-669	Zool-670	-	
<b>Credit Hrs.</b>	4(3-1)	4(3-1)	4(3-1)	4(3-1)	-		

**Total Credit Hours: 72**

**Note:** All courses in M. Sc (Previous) are compulsory, while specialization is offered in M.Sc (final) year in the above mentioned disciplines.

### 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.





2021

## Faculty of Earth & Environmental Sciences

- ▶ Geology
- ▶ Geography & Regional Planning



# Geology

## Program(s)

M.Sc

## Eligibility

- B.Sc with Geology with 45% marks
- Medically fit. Beside general health, the student should be capable of undertaking climbing heights during fieldwork and should not suffer from color blindness for the purpose of optical work.

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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 4<sup>th</sup> 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.

### Vocational Job Opportunities/ Marketability of Graduates

- 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 dams, development of gas pipeline from Iran to India, development of water reservoirs and thermal (coal-based) power stations in the country, have high potential for new job opportunities.

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Geo-Tectonics	Structural Geology	Sedimentology	Sequence Stratigraphy	Mineralogy	Igneous and Metamorphic Petrology
	<b>Course Code</b>	Geol: 501	Geol: 502	Geol: 503	Geol: 504	Geol: 505	Geol: 506
	<b>Credit Hrs.</b>	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)
	<b>Sem-2</b> Total 18 Credit Hrs.	Geophysics	Geochemistry	Petroleum Geology	Field Geology	Economic Geology	Geological Field Work-I
	<b>Course Code</b>	Geol: 507	Geol: 508	Geol: 509	Geol: 510	Geol: 511	Geol: 512
	<b>Credit Hrs.</b>	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)

Year 1	<b>Sem-3</b> Total 15 Credit Hrs.	Organic Geochemistry	Environmental Geology	Engineering Geology	Hydrogeology	Micropaleontology and Biostratigraphy
	<b>Course Code</b>	Geol: 601	Geol: 602	Geol: 603	Geol: 604	Geol: 605
	<b>Credit Hrs.</b>	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)
	<b>Sem-4</b> Total 12 Credit Hrs.	Geology of Pakistan	Special Paper Optional Courses Group-I, II, III, IV & V		Thesis	Research / Report Writing
	<b>Course Code</b>	Geol: 606	Geol: 607		Geol: 608	Geol: 609
	<b>Credit Hrs.</b>	3(2-1)	3(2-1)		3(2-1)	3(2-1)

Optional Courses				
Mineralogy and Petrology (Group-I)	Paleontology and Stratigraphy (Group-II)	Economic Geology (Group-III)	Engineering Geology (Group-IV)	Petroleum Geology (Group-V)
Applied Geophysics (Group-VI)	Geochemistry (Group-VII)	Sedimentology (Group-VIII)	Hydrogeology (Group-IX)	Industrial Mineralogy (Group-X)
Marine Geology (Group-XI)	Environmental Geology (Group-XII)	Structural, Tectonics and Neotectonics (Group-XIII)	-	-

## 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.



# Geography & Regional Planning

## Program(s)

M.Sc

## Eligibility

BA/ B.Sc with Geography with 45% marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

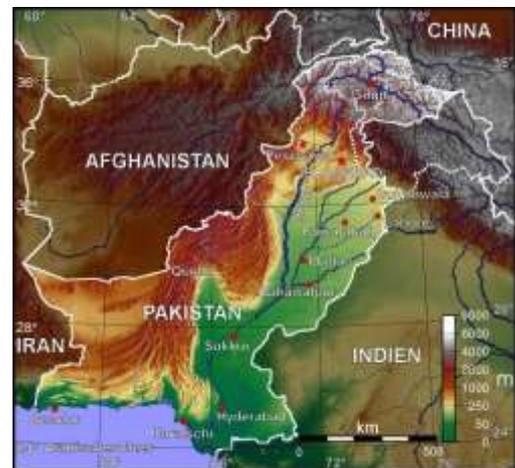
Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

The Department of Geography and Regional Planning was established in 1985. It caters formal education and research in the fields of Physical and Human Geography with special focus on Regional Development Planning. This department has stretched its dimension from pure geography to its applied aspects like regional planning, urban planning, healthcare and rural planning in 2017 with the return of the qualified faculty in diversified fields of studies, and now earned the name of the Department of Geography and Regional Planning as a result of its practical planning applications. Apart from BS and M.Sc., the Department of Geography and Regional Planning offers higher studies of M.Phil. & Ph.D. programs in various fields like environmental sciences, climate change studies, disaster management, regional planning, urban and rural planning, natural resource management etc. Moreover, the Department has also planned to initiate one year diploma in Geomatics: Geographic Information System (GIS) and Remote Sensing (RS). Geography examines the interlocking systems of the natural and human environments; evaluates earth's potential and assesses the available means to exploit these potentials in a sustainable manner for the man's life. Geography explains human behavior in spatial terms at all levels from small scale personal activities to the geo-political practices of nation-states. Geography is one of the old and mother disciplines that bridges physical and



social sciences. 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.

### **Objectives**

- To provide educational programs which encourage students to think creatively, constructively and to communicate ideas effectively.
- To foster an environment that promotes learning, research and practice through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- 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 prepare researchers to meet the needs of administration and research organizations.
- To keep the society aware regarding socio-cultural, environmental and economic problems in variety of spatial settings.
- To develop skill of quantitative analysis in addition to their descriptive capabilities of problems analysis and identification.

### **Vocational Job Opportunities/ Marketability of Graduates**

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)
- Geological Survey of Pakistan and Survey of Pakistan
- Meteorological Observatories of Pakistan
- Tourism Departments
- Crisis Management Cells
- National Disaster management Authority (NDMA)
- SUPARCO
- As a Social organizer in NGOs.
- Rural Development & Local Government
- UNDP
- Water and Power Development Authority (WAPDA)
- Geosciences Laboratories
- Pakistan Mineral Development Corporation (PMDC)
- Pakistan Steels
- Civil Services of Pakistan
- Oil & Gas Development Corporation (OGDC)
- Ministry of Petroleum (Petroleum Cell) and Pakistan Petroleum Ltd. (PPL)
- Pakistan Atomic Energy Commission

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Geomorphology	Climatology	Human Geography	Principles of Cartography & Map Interpretation	Economic Geography	Functional English
	<b>Course Code</b>	Geog: 651	Geog: 652	Geog: 653	Geog: 654	Geog: 655	Geog: 656
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(2-1)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Development of Geographic Thoughts	Principles of Geographic Information System	Geography of Disaster Management	Geography of Settlements	Physical Oceanography	Geography of Pakistan
	<b>Course Code</b>	Geog: 657	Geog: 658	Geog: 659	Geog: 660	Geog: 661	Geog: 662
<b>Credit Hrs.</b>	3(3-0)	3(2-1)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Research Techniques	Quantitative Methods	Population Geography	Principles of Remote Sensing	Political Geography	Maps & Air-photos Interpretation
	<b>Course Code</b>	Geog: 663	Geog: 664	Geog: 665	Geog: 666	Geog: 667	Geog: 668
	<b>Credit Hrs.</b>	3(3-0)	3(2-1)	3(3-0)	3(2-1)	3(3-0)	3(2-1)
	<b>Sem-4</b> Total 15 Credit Hrs.	<b>Specialization Group-A (Physical Geography)</b>					
		Techniques in Geomorphology	Applied Geomorphology	Principles of Climate Change	Field Work /Thesis	-	-
		Geog: 670	Geog: 671	Geog: 672	Geog: 669	-	-
		3(3-0)	3(3-0)	3(3-0)	6(6-0)	-	-
		<b>Specialization Group –B (Regional Planning)</b>					
		Introduction to Regional Planning	Regional Planning Techniques	Rural Development Planning	Urban Planning & Management	Environmental Planning & Management	Field Work/ Thesis
	Geog: 673	Geog: 674	Geog: 675	Geog: 676	Geog: 677	Geog: 669	
3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	6(6-0)		

### Field Research

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

### Facilities

#### 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 and Regional Planning. The existing library provides services to both students and professionals belonging to different environment related departments/ institutions within and outside the campus.

#### GIS and RS Laboratory

The department has the GIS and RS Laboratory for equipped with computers for spatial analysis of data and producing maps.

#### Cartographic Laboratory

There is Cartographic Laboratory for land surveying and making maps.

#### Research Laboratory

The department has a research laboratory for the research students of M.Phil. and Ph.D. programs. Research students are provided cabins with table and chair for conducting research.

#### Meteorological Laboratory

There is Metrological Laboratory in the department for surveying and making maps.

#### Geomorphological Laboratory

The Geomorphological Laboratory possess the models of geologic features. The department also shares the Geology Department's museum for Identification of minerals and rock samples.

**Internet Facility**

The internet facility is available at the department. A large number of national and international journals are available on Digital Library provided by HEC. The downloading of these research articles of your interests is free of cast.





2021

## Faculty of Education & Humanities

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





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.
- Development of modern teaching skills and techniques

SEMESTER BREAKUP B.Ed (Hons) 2.5 Years							
Year 1	<b>Semester-1</b> Total 18 Credit Hrs.	English (Technical Writing and Presentation Skills)	Teaching Literacy	Classroom Management	Society, School and Teacher	General Methods of Teaching (Professional)	Information Communication Technology (ICT) in Education (Foundation)
	<b>Course Code</b>						
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Philosophy of Education	Critical Thinking and Reflective Practices (Foundation)	Testing & Assessment in Education (Professional)	Psychology of Education & Guidance	Academic Content – Course I (Discipline-I)	Academic Content – Course I (Discipline-II)
	<b>Course Code</b>						
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Curriculum Planning and Development (Professional)	Perspectives on Teacher Education (professional)	Contemporary Trends and Issues in Education	Inclusive Education	Academic Content – Course II (Discipline-I)	Academic Content – Course II (Discipline-II)
	<b>Course Code</b>						
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 18 Credit Hrs.	Comparative Education	Research Methods in Education (Professional)	Secondary Education in Pakistan	Educational Policy & Planning	Academic Content – Course III (Discipline-I)	Academic Content – Course III (Discipline-II)
	<b>Course Code</b>						
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	2(2-0)	3(3-0)	

Year 3	<b>Sem-5</b> Total 18 Credit Hrs.	Research Project (Content embedded) (Professional)	Educational Leadership and Management (Professional)	Pedagogy – I (Discipline-I)	Pedagogy – II (Discipline-II)	Practicum (Long Term)	-
	<b>Course Code</b>						-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	6(6-0)	-

**Total Credit Hours: 90**

SEMESTER BREAKUP B.Ed (Hons) 1.5 Years							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Philosophy of Education (Foundation)	Psychology of Education & Guidance (Foundation)	General Methods of Teaching (Professional)	Critical Thinking and Reflective Practices (Professional)	School Organization and Management	Educational Policy & Planning
	<b>Course Code</b>	DOE-521	DOE-522	DOE-523	DOE-524	DOE-525	DOE-526
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Educational Assessment & Evaluation (Professional)	Curriculum Development (Foundation)	Perspectives on Teacher Education (Professional)	Research Methods in Education (Professional)	School Improvement	Micro-Teaching and Pedagogy (Professional)
	<b>Course Code</b>	DOE-527	DOE-528	DOE-529	DOE-530	DOE-531	DOE-532
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Inclusive Education (Professional)	Teaching Practice (professional)	Research Project (Professional)	Educational Leadership and Management	Citizenship and Community Engagement	Educational Supervision
--------	--------------------------------------	------------------------------------	----------------------------------	---------------------------------	---------------------------------------	--------------------------------------	-------------------------

				(Professional)		
<b>Course Code</b>						-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)

**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 & Development Studies

**Program(s)**

MA

**Eligibility**

BA/B.Sc. with 45% marks

**Duration**

2 Years (4 Semesters)

Full time

**Entry**

Semester-1

**Contact hours**

(first year, full time)

Approximately 16-22 hours per week

**Find out more**

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

**Introduction**

Gender & Development Studies 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 disempower 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 and mainstreaming gender in University of Balochistan's other fields of study.

**Objectives**

- Critically analyze the social construction of gender and apply this understanding to deconstruct gender inequality and patriarchy;
- Create an academic culture valuing the experiences and contributions of women by exploring and documenting women's historic roles;
- Build a body of knowledge based on invisible or undiscovered lives of women;
- Promote women's human rights through sensitizing and engaging men;
- Strengthen students' ability to critique traditional theories and methods of knowledge by applying feminist concepts and gender studies scholarship;
- Create strategies for empowering women and other marginal genders in their struggle against inequality and oppression and for their effective participation in all areas of society and development.

**Job Opportunities**

- Public & Private (educational and research institutes)
- (NGOs), INGOs, UN agencies.



SEMESTER BREAKUP								
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Introduction to Gender Studies (C)	Social Construction of Gender (C)	Feminist Theories and Movements (C)	Elective I	Elective II	Elective III	Active Citizens
	<b>Course Code</b>	GDS-651	GDS-652	GDS-653	GDS-654	GDS-655	GDS-656	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	Non Credit
	<b>Sem-2</b> Total 17 Credit Hrs.	Feminist Research Methods (C)	Gender and Human Rights (C)	Gender and Politics (C)	Elective IV	Elective V	Functional English (C)	Social Action Project (SAP)
	<b>Course Code</b>	GDS-657	GDS-658	GDS-659	GDS-660	GDS-661	GDS-662	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	2(2-0)	Non Credit	

Year 2	<b>Sem-3</b> Total 16 Credit Hrs.	Gender and Development: International Strategies (C)	Research Proposal Writing (C)	Gender, Religion and Society (C)	Elective VI	Elective VII	Internship (C)
	<b>Course Code</b>	GDS-663	GDS-664	GDS-665	GDS-666	GDS-667	GDS-668
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	1(1-0)
	<b>Sem-4</b> Total 15 Credit Hrs.	Gender and Development in Pakistan (C)	Gender and Law in Pakistan (C)	Elective VIII	Research Thesis (C)	-	-
	<b>Course Code</b>	GDS-669	GDS-670	GDS-671	GDS-672	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	6(6-0)	-	-	

Optional Courses				
Gender Based Violence	Gender and Media	Gender and Psychology	Gender and Health	Gender and Rural Development
Women's History in South Asia	Gender and Education	Gender and Work	Gender and Environment	Gender and Literature
Gender, Technology & Entrepreneurship	Gender and Art	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.



# History

## Program(s)

MA

## Eligibility

BA with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

History is the study of the past based on finding, evolution, 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. History 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 became able to know how to utilize past experiences better future planning.

The department of history, university of Balochistan 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 organization 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.

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 17 Credit Hrs.	Historiography & Philosophy of History	Early History of Islam (570-661)	Muslim rule in India (712-1526)	History of Freedom Movement in India subcontinent 1857-1947	Early Modern Europe (1453-1789)	Functional English
	<b>Course Code</b>	HIS-601	HIS-602	HIS-603	HIS-604	HIS-605	Eng-601
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	2(2-0)
	<b>Sem-2</b> Total 15 Credit Hrs.	The Great Mughals (1526-1707)	History of Pakistan (1947-1971)	History of Umayyad's (661-750)	History of Europe (1789-1890 AD)	Optional	-
	<b>Course Code</b>	HIS-607	HIS-608	HIS-609	HIS-610	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	-	

Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Research Methodology	History of Abbasids (750-1258)	History of Pakistan (1971-upto date)	History of Europe (1891-1945 A.D)	History of Balochistan part-I
	<b>Course Code</b>	HIS-611	HIS-612	HIS-613	HIS-614	HIS-615
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 15 Credit Hrs.	History of Balochistan Part-II	Later Mughal and British 1707-1857	Research Paper and Presentation	Optional	-
	<b>Course Code</b>	HIS-616	HIS-617	HIS-619	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	6(6-0)	3(3-0)	-	



# Islamic Studies

## Program(s)

MA

## Eligibility

BA/B.Sc with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

This department was established in 1973 by Prof. Dr. Rashid Ahmed Jallandhury (Late), was the first Chairman of the department. Due to shortage of space in the University Campus, Islamic Studies Department started functioning in Government Science College Quetta. In the Beginning, classes used to be held in the evening with the support of part-time teachers. In 1980, Prof. Dr. Rashid Ahmed Jallandhury took the charge of the department as Chairman. In 1981, the department was shifted to the University Campus.

## Objectives

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

## 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.



سمسٹر بریک اپ						
پہلا سمسٹر کل ۷ اکیڈٹ آڈرز	علوم القرآن	تاریخ تفسیر	علوم الحدیث	عربی گرامر (حصہ اول)	مطالعہ متن فقہ	فتنشل انگلش
کورس کوڈ	ISL-601	ISL-602	ISL-603	ISL-604	ISL-605	EN-606
کریڈٹ آڈرز	۳	۳	۳	۳	۳	۲
دوسرا سمسٹر کل ۱۸ اکیڈٹ آڈرز	اصول فقہ	تاریخ فقہ	ترجمہ و تفسیر قرآن	متن حدیث	عربی گرامر (حصہ دوم)	تاریخ تمدن اسلام
کورس کوڈ	ISL-607	ISL-608	ISL-609	ISL-610	ISL-611	ISL-612
کریڈٹ آڈرز	۳	۳	۳	۳	۳	۳

پہلا سال

تیسرا سمسٹر کل ۱۸ اکیڈٹ آڈرز	تقابل ادیان	کسی ایک مضمون کا انتخاب کریں ۱۔ اسلامی تصوف ۲۔ جدید نیائے اسلام	مطالعہ سیرت النبی ﷺ	عربی متن (حصہ اول)	تاریخ اسلام	علوم اسلامیہ میں منج تحقیق
کورس کوڈ	ISL-613	ISL-614/ISL-615	ISL-616	ISL-617	ISL-618	ISL-619
کریڈٹ آڈرز	۳	۳	۳	۳	۳	۳
چوتھا سمسٹر کل ۱۸ اکیڈٹ آڈرز	عربی متن (حصہ دوم)	اسلامی معاشی افکار	کسی ایک مضمون کا انتخاب کریں ۱۔ دعوت و ارشاد ۲۔ اسلام اور سائنس	کمپیوٹر	Thesis & Presentation	-
کورس کوڈ	ISL-620	ISL-621	ISL-622/623	ISL-624	ISL-625	-
کریڈٹ آڈرز	۳	۳	۳	۲	۳	-

دوسرا سال

کل 70 اکیڈٹ آڈرز

List of Elective Courses			
اسلام اور سائنس	دعوت و ارشاد	جدید نیائے اسلام	اسلامی تصوف
ISL-623	ISL-622	ISL-615	ISL-614

#### 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.



# Media Studies

**Program(s)**  
MA

**Eligibility**  
BA/B.Sc with 45% Marks

**Duration**  
2 Years (4 Semesters)  
Full time

**Entry**  
Semester-1

**Contact hours**  
(first year, full time)  
Approximately 16-22 hours per week

**Find out more**  
[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction:

During the last two decades, Media Studies have been emerged as one of the most important field of the studies. The conventional narratives and rules of Communication and Journalism are most transformed. The subject of Mass Media is a system of inter-related courses, including historical foundation, 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 3 persons, which has now grown many folds.

The Department of Media Studies offered two Master's Program comprising semesters in Media Studies to cater the needs of Print and Electronic Media industry. Thousands of students graduated from this department since 1989 are performing in different media organization i.e. Radio, Television, Newspaper, Directorate of Public Relations/Public Relations wings of various Provincial and Federal Government Departments, and even some of the



students of media Department, University of Balochistan own their newspapers. Courses offers 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, Photojournalism 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 Opportunities/ Marketability of Graduates:**

- **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.

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Functional English	Mass Media in Balochistan	Sub editing & Rewriting	Reporting	Computer Skills in Mass Communication	Functional Urdu
	<b>Course Code</b>	MJ-601	MJ-602	MJ-603	MJ-604	MJ-605	MJ-606
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(2-1)	3(3-0)	3(2-1)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Media Laws & Ethics	Mass Media in Pakistan	Online Journalism	Opinion Writing	Theories of Mass Communication	Current Affairs in Pakistan & Around
	<b>Course Code</b>	MJ-607	MJ-608	MJ-609	MJ-610	MJ-611	MJ-612
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(2-1)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Radio Journalism	Public Relations	Magazine Production	Research Methodology	Development Support Communication	-
	<b>Course Code</b>	MJ-613	MJ-614	MJ-615	MJ-616	MJ-617	-
	<b>Credit Hrs.</b>	3(2-1)	3(3-0)	3(2-1)	3(3-0)	3(3-0)	-
	<b>Sem-4</b> Total 18 Credit Hrs.	Advertising	Television Journalism	Thesis & Presentation	Internship and Viva Voce	Advance Reporting (Elective)	Photo Journalism (Elective)
	<b>Course Code</b>	MJ-618	MJ-619	MJ-620	MJ-621	MJ-622	MJ-623
<b>Credit Hrs.</b>	3(2-1)	3(2-1)	6(6-0)	3(3-0)	3(3-0)	3(2-1)	

**Facilities:**

**F.M Radio Station:** Campus Radio Station (F.M 99.6) was established in 2014 with the aim provide training to the students in the field of broadcast. The F.M station also on air education related programmes and news which are produced and presented by the students of the Department of Media Studies.

**Broadcast Academy:** The Academy was established in collaboration with Internews Pakistan under a linkage programme between Internews 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 programmes from its studio.

**Post Production Lab:** We have an editing lab for the students who work on their assignments in the post production phase of video making equipped with latest computers.

**Campus Newspaper:** The Department is launching its own Newspaper which will be run by the students under the supervision of faculty. The newspaper will give coverage to the events taking place in the University. The basic aim of the Newspaper is to give oh hand training to the students in the field of print media.

**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 and sound system.

**Meeting Room:** A meeting room which can accommodate 50 people.

**Electronic & Print Media Labs:** The Department possesses a lab used for electronic and print media 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.

**Future prospects of growth and development of discipline of Media Studies:**

- The department will commence PhD program in Media Studies.
- The department will introduce diploma and short courses in near future.
- The department is planning to introduce Performing Arts as a new subject for the students.



# Philosophy

## Program(s)

MA

## Eligibility

BA/ B.Sc with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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.

### Vocational Job Opportunities/ Marketability of Graduates

- 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.

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 17 Credit Hrs.	Early Greek Philosophy	Later Greek and Early Medieval Philosophy	Classical Muslim Schools of Thought	Logic-I	Functional English	<b>Optional</b>
	<b>Course Code</b>	PHIL-601	PHIL-602	PHIL-603	PHIL-604	EN-601	-
	<b>Credit Hrs`.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	2(2-0)	3(3-0)
	<b>Sem-2</b> Total 15 Credit Hrs.	Early Modern Western Philosophy	Classical Muslim Thinkers	Logic-II	Modern Ethical Theories	<b>Optional</b>	-
	<b>Course Code</b>	PHIL-610	PHIL-611	PHIL-612	PHIL-613	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	-	

Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Later Modern Western Philosophy	Muslim Thought in Sub-continent	Pragmatisms	Analytical Philosophy	<b>Optional</b>
	<b>Course Code</b>	PHIL-619	PHIL-620	PHIL-621	PHIL-622	-
	<b>Credit Hrs`.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 15 Credit Hrs.	Phenomenology and Existentialism	Thesis Research Paper and Presentation	Research Work and Presentation	<b>Select Specialization Course</b>	<b>Select Specialization Course</b>
	<b>Course Code</b>	PHIL-629	PHIL-630	PHIL-631	-	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	6(6-0)	3(3-0)	3(3-0)	

### Opt any one (01) optional course Semester-1

Introduction to Philosophy	Later Greek and Early Medieval Ethical Issues	Classical Chines Philosophy	Philosophy of Education	Philosophy of Religion
PHIL-605	PHIL-606	PHIL-607	PHIL-608	PHIL-609

### Opt any two (01) optional courses Semester-2

Philosophy of Social Science	Philosophy of Law	Introduction to Metaphysics	Philosophy of History	Philosophy of Art
PHIL-614	PHIL-615	PHIL-616	PHIL-617	PHIL-618

### Opt any two (01) optional courses Semester-3

Philosophy of Mind	Feminism Philosophy	Epistemology	Philosophy of Language	Philosophy of Science	Writing Philosophy
PHIL-623	PHIL-624	PHIL-625	PHIL-626	PHIL-627	PHIL-628

## SPECIALIZATIONS

*Select One Core course of any stream of specialization in philosophy*

Select two courses from selected subject					
Moral Philosophy					
Meta Ethical Theories		Contemporary Moral Philosophy		Global Ethics and Justice	
PHIL-632		PHIL-633		PHIL-634	
Biomedical Ethics		Business Ethics		Media Ethics	
PHIL-636		PHIL-637		PHIL-638	
Logic					
History of Logic		Logic and Critical Thinking		Philosophical Logic	
PHIL-640		PHIL-641		PHIL-642	
Advanced Logic		Set Theory and Logic		Logic and Computability	
PHIL-643		PHIL-644		PHIL-645	
Political Philosophy					
Classical Political Thought		Modern Political Theory		20 <sup>th</sup> Century Political Philosophy	
PHIL-646		PHIL-647		PHIL-648	
Muslim Philosophy					
Muslim Metaphysics & Epistemology		Muslim Political Philosophy		Current Debates in Muslim Thought	
PHIL-650		PHIL-651		PHIL-652	
Analytical Philosophy					
Origins of Analytical Philosophy			Contemporary Analytical Philosophy		
PHIL-654			PHIL-655		
Philosophy					
Current Philosophical Issues		Logical Positivism		Contemporary Philosophy of Science	
PHIL-656		PHIL-657		PHIL-658	
Critical Theory: Issues and Debates		Special Muslim Philosophers		Special Western Philosophers	
PHIL-659		PHIL-660		PHIL-661	

### 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.



# Psychology

## Program(s)

MA

## Eligibility

BA/ B.Sc with Psychology with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

Human nature and personality development, besides attitudes, have always been interesting topics. Psychology, as an emerging social science, presents a great deal of knowledge on these topics. Consequently, today this discipline is acknowledged and employed for the solution of different practical questions in various walks of life.

Psychology not only focuses upon the issues like personality, attitude, learning, perception, Intelligence, Motivation, but also helps an individual in the adjustment to his/ her own environment. Psychologists positively help the society at large to resolve the social issues like violence, discrimination, terrorism, crimes, etc.

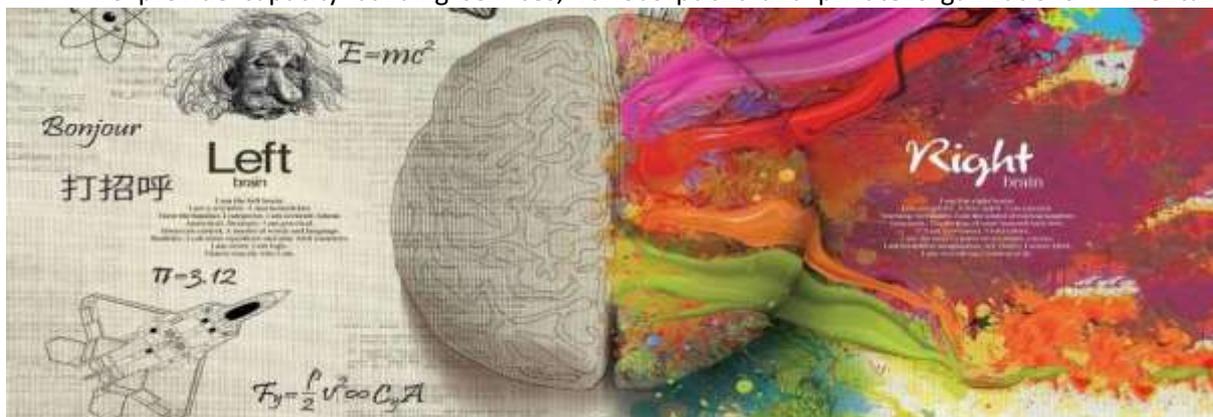
Psychology belongs to that category of Social Sciences which are the sciences concerned with the people in the society. Psychology is an empirical study of human mind and behavior as such it touches every person. Knowledge of Psychology is therefore important in every human endeavor.

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 program, Masters in Psychology, started in 1990, however, M.Phil. In Psychology got initiated in 2013. Psychology department also launched its Ph.D. program from 2017.

## Objectives

- To create awareness about the field of Psychology and its application in daily personal, professional and academic sphere of life.
- To provide qualified psychology graduates who can help to improve the suffering of catastrophic effects in the province.
- To provide capacity building services, various public and private organizations in Mental



Health related issues.

- To contribute awareness of community on various psychological issues through conducting workshops/seminars.
- To provide qualified and focused professionals in psychology to meet the future needs of educational institutes or industry.
- To foster and environment that promotes learning through quality and research while encouraging mutual respect, tolerance and sensitivity.
- To prepare researchers to meet the needs of industry and research organizations, science and technology.

#### Vocational Job Opportunities / Marketability of Graduates

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

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 17 Credit Hrs.	Functional English	Historical Development of Psychology	Experimental Psychology (Practicum)	Research Methods- I	Statistics in Psychology	Theoretical Perspectives in Psychology
	<b>Course Code</b>	ENG	PSY-641	PSY-642	PSY-643	PSY-644	PSY-645
	<b>Credit Hrs.</b>	2(2-0)	3(3-0)	3(2-1)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Social Psychology	Psychopathology	Behavioral Neuroscience	Ethical Issue in Psychology	Research Method – II	Developmental Psychology
	<b>Course Code</b>	PSY-646	PSY-647	PSY-648	PSY-649	PSY-650	PSY-651
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Educational Psychology (Elective course) <b>OR</b> Industrial and Occupational Psychology (Elective course)		Psychological Testing-I (including Test construction report)	Clinical Psychology (including Clinical Case Report)	Counseling Psychology (including Case Report)	Data Analysis Through Statistical Package of Social Science (SPSS)	Health Psychology
	<b>Course Code</b>	PSY-652	PSY-653	PSY-654	PSY-655	PSY-656	PSY-657	PSY-658
	<b>Credit Hrs.</b>	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(2-1)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 15 Credit Hrs.	Psychological Testing-II (including Psychometric Report)	Gender Psychology	Disaster and Trauma Management (Elective Course) <b>OR</b> Cross Cultural Psychology (Elective Course)		Research Thesis	-	-
	<b>Course Code</b>	PSY-659	PSY-660	PSY-661	PSY-662	PSY-663	-	-
<b>Credit Hrs.</b>	3(3-0)	3(2-1)	3(3-0)	3(3-0)	6(6-0)	-	-	

#### 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.

# Research Methodology in Social Sciences

G. Ramesh Babu



2021

## Faculty of Social Sciences

- ▶ International Relations
- ▶ Political Science
- ▶ Social Work
- ▶ Sociology
- ▶ Pakistan Study Center



# International Relations

## Program(s)

MA

## Eligibility

BA/ B.Sc. with 45% marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

The Department of International Relations was established in 1984, and offering two years M.A. In International Relations. 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.

## Objectives;

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



## Vocational Job Opportunities/ Marketability of Graduates

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

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 15 Credit Hrs.	International relations (1945-2000)	Public international law	Regional and international organizations	Foreign policy analysis	International political economy	-
	<b>Course Code</b>	IR-107	IR-108	IR-109	IR-110	IR-111	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	-
	<b>Sem-2</b> Total 18 Credit Hrs.	Research methodology	Politics of Pakistan	Foreign policy of Pakistan	Defence and strategic studies	Diplomacy	Governments and politics of south asia
	<b>Course Code</b>	IR-112	IR-113	IR-114	IR-115	IR-116	IR-301
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	West asia and arab world since 1919	Comparative foreign policy of major powers: us, Russia, china	Principles of international relations	Nuclearization of south asia	International relations in the new Millennium	International politics of environment
	<b>Course Code</b>	IR-302	IR-119	IR-103	IR-202	IR-120	IR-203
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 18 Credit Hrs.	Arms control and disarmament	International law of the seas	Emerging regional and world orders	Nuclear non-proliferation	Research thesis	-
	<b>Course Code</b>	IR-121	IR-215	IR-204	IR-205	IR-123	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	6(6-0)	-	

## 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.



# Political Science

**Program(s)**  
MA

**Eligibility**  
BA with Political Science with 45%  
Marks

**Duration**  
2 Years (4 Semesters)  
Full time

**Entry**  
Semester-1

**Contact hours**  
(first year, full time)  
Approximately 16-22 hours per week

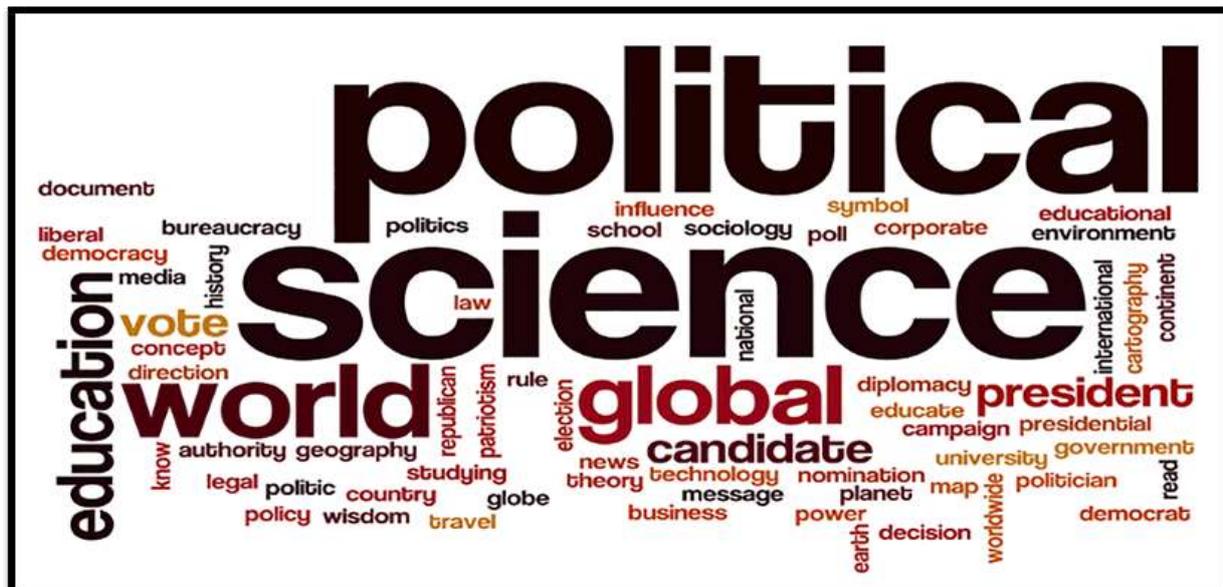
**Find out more**  
[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

Politics happens between nations, within nations, and within the minds of people within nations. It affects almost every aspect of our lives, from the warming of our environment, to the cost of education and health care, to our attitudes toward each other. In the discipline of Political Science, we investigate the nature, causes and consequences of politics. For this purpose, the Department of Political Science was established in 1974 with Dr. S. Riaz Ahmed as its first chairperson. Since then, the Department has been offering programs of Masters, M.Phil and Ph.D. in major sub fields of Comparative Politics, Political Economy and Political Philosophy within the broader discipline of Political Science.

## Objectives

- The objective of the Department is to create an active and informed citizen body which is aware of its constitutional rights and obligations, able to involve in a critical debates of political issues of freedom, justice and equality, and actively participates in public life towards the betterment of humanity.
- To socialize students in a democratic norms and values of liberty, social justice, tolerance, equality and diversity. To uphold and stand for the rights of oppressed social groups and conscientize citizens of social



discrimination based on class, gender, religion, ethnicity etc. and to promote social cohesion and bring national solidarity in the state of Pakistan.

### Vocational Job Opportunities/ Marketability of Graduates

- Teaching and Research
- Political Analyst and Commentator
- Federal and Provincial Civil Services
- International Organizations
- Journalism

SEMESTER BREAKUP						
Year 1	<b>Sem-1</b> Total 17 Credit Hrs.	Western Political Philosophy 1	Muslim Political Philosophy 1	Comparative Constitutions	Functional English	Federalism in Pakistan
	<b>Course Code</b>	PS-601	PS-602	PS-603	PS-604	PS-618
	<b>Credit Hrs.</b>	4(4-0)	4(4-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 16 Credit Hrs.	Western Political Philosophy II	Muslim Political Philosophy II	Comparative Politics	Government and Politics in Pakistan	Elective 2
	<b>Course Code</b>	PS-605	PS-606	PS-607	PS-608	PS-
<b>Credit Hrs.</b>	3(3-0)	4(4-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 16 Credit Hrs.	Research Methodology	World Politics Since 1945	International Political Economy	Public Administration	Elective 3
	<b>Course Code</b>	PS-609	PS-610	PS-611	PS-612	PS-
	<b>Credit Hrs.</b>	3(3-0)	4(4-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 18 Credit Hrs.	Constitutional Development in Pakistan	International law	Comparative Local Government	Political Ideologies	Research Thesis
	<b>Course Code</b>	PS-613	PS-614	PS-615	PS-616	PS-17
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	6(6-0)	

LIST OF ELECTIVE COURSES				COMPULSORY
Democracy and Human Right	International Organization	Genesis of Pakistan	Political Parties in Pakistan	Research Thesis
PS-619	PS-620	PS-621	PS-622	PS-623



# Social Work

## Program(s)

MA

## Eligibility

BA with Social Work/ Sociology with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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 patters 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.



## Vocational Job Opportunities/ Marketability of Graduates:

- 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.

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Contemporary social work	Functional English	Social case work	Community development & organization	Social problems of Pakistan	Field work
	<b>Course Code</b>	SW-601	EN	SW-602	SW-603	SW-604	SW-605
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 15 Credit Hrs.	Social group work	Human growth & personality development	Social welfare administration	Social action	Field work	-
	<b>Course Code</b>	SW-606	SW-607	SW-608	SW-609	SW-610	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	-	
Year 2	<b>Sem-3</b> Total 18 Credit Hrs.	Theories of social work	Social welfare in Pakistan	Human resource development & management	Introduction to Sociology	Social legislation and social welfare agencies	Field work /Proposal Development
	<b>Course Code</b>	SW-611	SW-612	SW-613	SW-614	SW-615	SW-616
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)

<b>Sem-4</b> Total 21 Credit Hrs.	Social research	Social statistics and computer skills	Social Gerontology	Social work and disaster management	Field work	Thesis
<b>Course Code</b>	SW-617	SW-618	SW-619	SW-620	SW-621	SW-622
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	6(6-0)

### 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.



# Sociology

## Program(s)

MA

## Eligibility

BA with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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.

## Vocational Job Opportunities/ Marketability of Graduates:

- Law
- Education



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

SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	Functional English	Principles of Sociology	Classical Sociological Theory	Social Psychology	Social Statistics	Social Research
	<b>Course Code</b>	EN 601	SOC 602	SOC 603	SOC 604	SOC 605	SOC 606
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Criminology	Contemporary Sociological Theory	Research Design	Sociology of Social Stratification	Sociology of Human Rights	Computer Application in Social Sciences
	<b>Course Code</b>	SOC 607	SOC 608	SOC 609	SOC 610	SOC 611	SOC 612
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Population Dynamics	Cultural Anthropology	Sociology of Education	Elective	Elective
	<b>Course Code</b>	SOC 613	SOC 614	SOC 615	SOC XXX	SOC XXX
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 15 Credit Hrs.	Sociology of Marriage and Family	Field Work and Thesis	Elective	Elective	-
	<b>Course Code</b>	SOC 616	SOC 617	SOC xxx	SOC xxx	-
<b>Credit Hrs.</b>	3(3-0)	6(6-0)	3(3-0)	3(3-0)	-	

**Note.** 'Students of 3<sup>rd</sup> and 4<sup>th</sup> semester are allowed to elect two subjects in each semester.

### Facilities

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



# Pakistan Study Centre

## Program(s)

MA

## Eligibility

BA with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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 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 Mugs. 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.

## Vocational Job Opportunities/ Marketability of Graduates:

- 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.

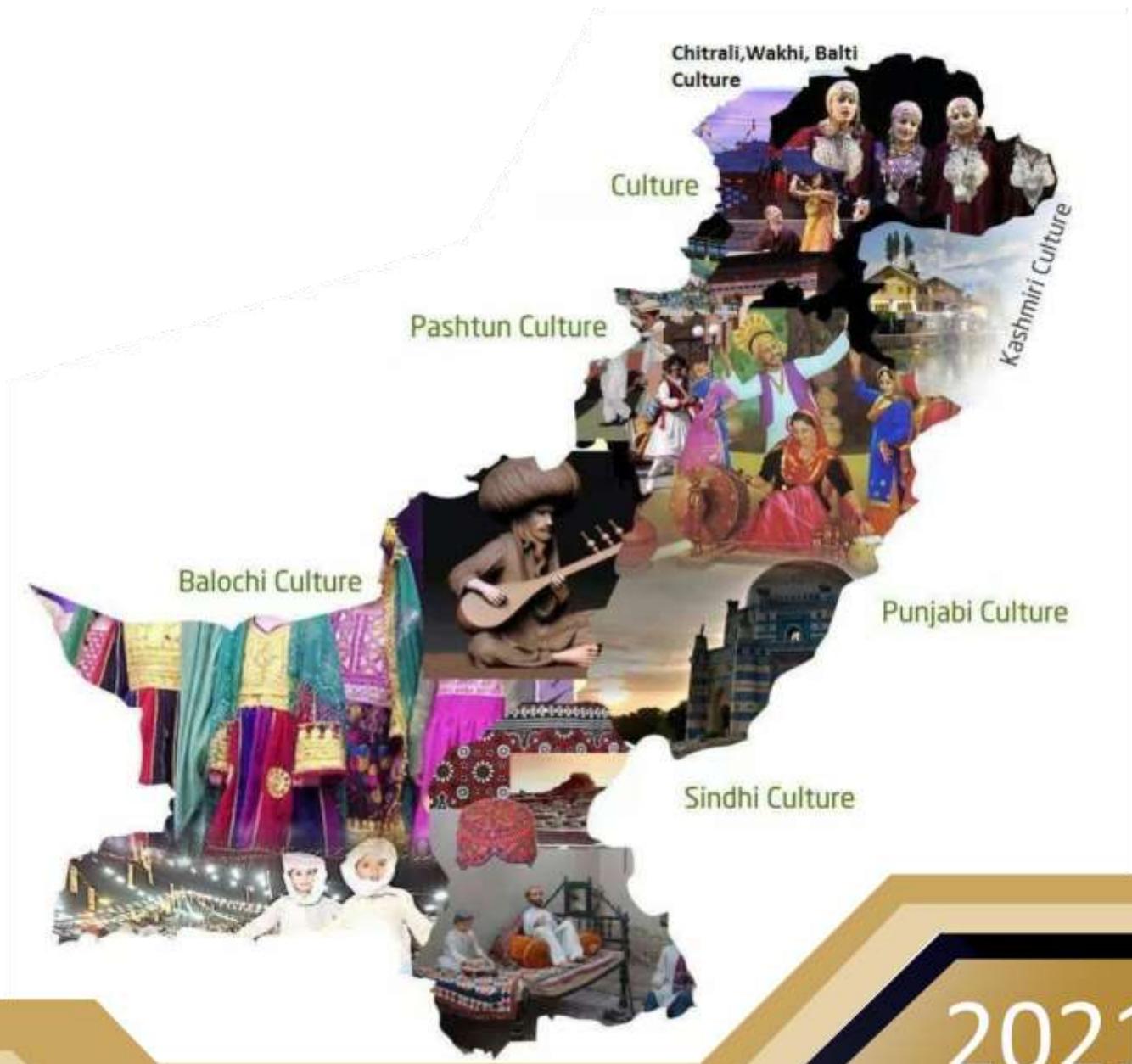
SEMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 26 Credit Hrs.	History of Freedom Movement 1857 to 1929	Islam in South Asia "Part One"	Social System of Pakistan "Part One"	Geography of Pakistan "Part One"	English <b>COMPULSORY</b>	-
	<b>Course Code</b>	PS-601	PS-602	PS-603	PS-604	PS-609	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	2(2-0)	-
	<b>Optional Sem-1</b>	Urdu	Balochi	Brahui	Pashto	-	-
	<b>Course Code</b>	PS-605	PS-606	PS-607	PS-608	-	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	-	-
	<b>Sem-2</b> Total 18 Credit Hrs.	History of Freedom Movement 1930 to 1947	Islam in South Asia "Part Two"	Social System of Pakistan "Part Two"	Geography of Pakistan "Part Two"	Active Citizen	History of Balochistan "Part One"
	<b>Course Code</b>	PS-610	PS-611	PS-612	PS-613	PS-614	PS-615
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 26 Credit Hrs.	History of Balochistan "Part Two"	The Political & constitutional development in Pakistan 1947 to 1971	Research Methodology	Economy of Pakistan "Part One"	Contemporary Issue of Pakistan	Basic Statistics "Part One"	-
	<b>Course Code</b>	PS-616	PS-617	PS-618	PS-619	PS-620	PS-621	-
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	-
	<b>Sem-4</b> Total 21 Credit Hrs.	The Political & Constitutional Development in Pakistan 1971 to 2013	Economy of Pakistan "Part Two"	Foreign Policy of Pakistan	Disaster Management in Pakistan	Local Self Government in Pakistan	Basic Statistics "Part Two"	Research Paper Writing and Presentation
	<b>Course Code</b>	PS-622	PS-623	PS-624	PS-625	PS-626	PS-627	PS-628
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)

### 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



2021

## Faculty of Literature & Languages

- ▶ Balochi
- ▶ Brahui
- ▶ Institute of Linguistics & Literature
- ▶ Pashto
- ▶ Persian
- ▶ Urdu Literature



# Balochi

## Program(s)

MA

## Eligibility

B.A/ B.Sc with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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.

SEMESTER BREAKUP						
Year 1	<b>Sem-1</b> Total 15 Credit Hrs.	Introduction to linguistics	Balochi folk poetry	Balochi Classical Poetry (Chakarian Period)	Balochi Old Prose	English Language Course
	<b>Course Code</b>	Bal-600	Bal-601	Bal-602	Bal-603	Bal-604
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 15 Credit Hrs.	Balochi Linguistics	Balochi Modern Poetry: Origin & Development	Mir Gul Khan Naseer	Balochi Semi-Classic Poetry	Dastan and Balochi Dastan
	<b>Course Code</b>	Bal-605	Bal-606	Bal-607	Bal-608	Bal-609
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Criticism and the Balochi Criticism	History of Novel and the Balochi Novel	Research Methodology & Tradition of Research in Balochi	History of Short Story and the Balochi Short Stories	A Critical Study of Modern Balochi Poetry
	<b>Course Code</b>	Bal-610	Bal-611	Bal-612	Bal-613	Bal-614
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-4</b> Total 15 Credit Hrs.	History of Translation & Balochi Translation	Study of Non-fiction	Syed Zahoor Shah Hashmi	History of Drama and the Balochi Drama	Thesis
	<b>Course Code</b>	Bal-615	Bal-616	Bal-617	Bal-618	Bal-619
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	

## Facilities

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



# Brahui

## Program(s)

MA

## Eligibility

B.A/ B.Sc with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

- The Brahui language is one of oldest languages of this region, it is known as the indigenous language. The language and Literature of Brahui speaking 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 19<sup>th</sup>, and early 20<sup>th</sup>, 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 ever research journal of Brahui "Al-Burz" which is sponsored and recognized by HEC in 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 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 value 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.

SEMESTER BREAKUP						
Year 1	<b>Sem-1</b> Total 15 Credit Hrs.	Brahui Zaban, Heet o chahindaari	Brahui Zuban Nivisht o likvarh	Functional English	Barahui Lok Shaahiri ti Raaji aahaal	Brahui Lok Nasr
	<b>Course Code</b>	Brh-601	Brh-602	Brh-603	Brh-604	Brh-605
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(2-1)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 15 Credit Hrs.	Nilla Raaji adab	Nem classical adab	Active citizenship	Computer ho shumariyaat chahindaari	Brahui Pooskuna Shairi Hati na ridat
	<b>Course Code</b>	Brh-606	Brh-607	Brh-608	Brh-609	Brh-610
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	4(2-2)	2(2-2)	3(3-0)	

Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Brahui Pooskuna shaheri sarhal na ridat	Khalifa Gul Muhammad Fikr o Fann	Brahui ti mat o Badal na Xuaast	Adab o Sahafatt	Brahui Afsana nigaari
	<b>Course Code</b>	Brh-611	Brh-612	Brh-613	Brh-614	Brh-615
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(2-1)	3(2-1)	3(3-0)
	<b>Sem-4</b> Total 16 Credit Hrs.	Brahui Naval Nigari	Brahui Drama	Patt o Pol Xuaast o Rudom	Thesis Writing	-
	<b>Course Code</b>	Brh-616	Brh-617	Brh-618	Brh-619	-
<b>Credit Hrs.</b>	3(3-0)	3(3-0)	4(2-2)	6(2-4)	-	

## Facilities

- Department has well established seminar library consisting of 2500 books, covering all the subjects and related material taught in the department.
- Annual Research Journal "Al Burz" recognized by Higher Education Commission, in Z category. T facilitate the researchers of Brahui department for publishing their research.



# English Literature

**Program(s)**  
MA

**Eligibility**  
BA with 50% Marks in English  
Compulsory

**Duration**  
2 Years (4 Semesters)  
Full time

**Entry**  
Semester-1

**Contact hours**  
(first year, full time)  
Approximately 16-22 hours per week

**Find out more**  
[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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.



EMESTER BREAKUP							
Year 1	<b>Sem-1</b> Total 18 Credit Hrs.	History of English Literature	Classical Poetry-I	Classical Drama	Novel-I	Functional English	Introduction to Linguistics
	<b>Course Code</b>	ENG-601	ENG-602	ENG-603	ENG-604	ENG-605	ENG-606
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
	<b>Sem-2</b> Total 18 Credit Hrs.	Literary Genres and Forms	Classical Poetry-II	Renaissance English Drama	Novel-II	Human Rights	Short Stories
	<b>Course Code</b>	ENG-607	ENG-608	ENG-609	ENG-610	ENG-611	ENG-612
	<b>Credit Hrs.</b>	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)
Year 2	<b>Sem-3</b> Total 15 Credit Hrs.	Romantic Poetry-I	Prose-I	Literary Criticism-I	Computer Skills	Research Methodology	
	<b>Course Code</b>	ENG-613	ENG-614	ENG-615	ENG-616	ENG-617	
	<b>Credit Hrs.</b>	4(3-1)	3(3-0)	3(3-0)	3(3-0)	4(3-1)	
	<b>Sem-4</b> Total 15 Credit Hrs.	Romantic Poetry-II	Prose-II	Criticism-II	Research Project	Research Seminar	
	<b>Course Code</b>	ENG-618	ENG-619	ENG-620	ENG-621	ENG-622	
	<b>Credit Hrs.</b>	3(3-0)	6(6-0)	3(3-0)	3(3-0)	3(3-0)	

#### Facilities

- Departmental Library
- Computer Lab



# Pashto

## Program(s)

MA

## Eligibility

BA/B.Sc with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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 Adeb, 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.

سمسټر بریک اپ						
فلسفه تصوف او ادب	پښتو زره شاعري-1	دزبایي فن او اصول	فنکشنل انکش	پښتو اولسي ادب	دپښتو ژبي تاریخ	اول سمسټر ټول ١٧ کريدت اوورز
606	605	604	603	602	601	کورس کود
3(3-0)	3(3-0)	3(3-0)	2(2-0)	3(3-0)	3(3-0)	کريدت اوورز
-	پښتو ادب او تصوف (لومړۍ برخه)	کلاسيکي شاعري-1	د پښتو زور نثر	دسيهلي پښتونخوا فکلوري اصناف	دپښتو تاریخ	دويمه سمسټر ټول ١٥ کريدت اوورز
-	611	610	609	608	607	کورس کود
-	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	کريدت اوورز
غیر افسانوي، تخليقي ادب	دپښتو نوې نثر	دپښتو نوې شاعري	کره کتنه (لومړۍ برخه)	دپښتو نولي روايت او کلټور پوهنه	پښتو ادب او تصوف (دويمه برخه)	دريمه سمسټر ټول ١٥ کريدت اوورز
617	616	615	614	613	612	کورس کود
3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	کريدت اوورز
-	Thesis	ختيځ پوهان او پښتو ادب	دپښتو نوې شاعري (نمائنده شاعران)	کره کتنه (دويمه برخه)	ادبي تحقيق او دپښتو تحقيقي روايت	سلورمه سمسټر ټول ٢١ کريدت اوورز
-	622	621	620	619	618	کورس کود
-	6(6-0)	3(3-0)	3(3-0)	3(3-0)	3(3-0)	کريدت اوورز

Total Courses: 23 – Total Credit Hours: 68

## Facilities

- Departmental Library, Books & Research journals 4000
- Computer Lab
- Digital Library



# Persian

## Program(s)

MA

## Eligibility

BA/ B.Sc with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## 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.

سمسٹر بریک اپ					
فکاشل انگش	اقبالیات-1	جدید فارسی ادب حصہ نثر	کشف العجوب اور تصوف-1	کلاسیکل نثر متن اور تنقید	پہلا سمسٹر کل ۱۴ کریڈٹ آؤرز
Per۶۰۴	Per۶۰۳	Per۶۰۲	Per۶۰۱	Per۶۰۰	کورس کوڈ
۲	۳	۳	۳	۳	کریڈٹ آؤرز
مطالعہ مولانا جلال الدین رومی	اقبالیات-2	جدید فارسی ادب حصہ نظم	کشف العجوب اور تصوف-2	کلاسیکل نظم	دوسرا سمسٹر کل ۱۵ کریڈٹ آؤرز
Per۶۰۹	Per۶۰۸	Per۶۰۷	Per۶۰۶	Per۶۰۵	کورس کوڈ
۳	۳	۳	۳	۳	کریڈٹ آؤرز

Introduction to Computing	ریسرچ میتھڈز وولوجی	زبان شناسی-1	گرامر اور بیان و معانی-1	گفتاری-1	تاریخ ادبیات فارسی برصغیر پاکستان و ہند میں	تیسرا سمسٹر کل ۱۵ کریڈٹ آؤرز
Per۷۰۵	Per۷۰۴	Per۷۰۳	Per۷۰۲	Per۷۰۱	Per۷۰۰	کورس کوڈ
۳	۳	۳	۳	۳	۳	کریڈٹ آؤرز
-	تحقیقی مقالہ	زبان شناسی-2	گرامر اور بیان و معانی-2	گفتاری-2	تاریخ ادبیات ایران	چوتھا سمسٹر کل ۱۵ کریڈٹ آؤرز
-	Per۷۱۰	Per۷۰۹	Per۷۰۸	Per۷۰۷	Per۷۰۶	کورس کوڈ
-	۳	۳	۳	۲	۳	کریڈٹ آؤرز

# Urdu

## Program(s)

MA

## Eligibility

BA/ B.Sc with 45% Marks

## Duration

2 Years (4 Semesters)

Full time

## Entry

Semester-1

## Contact hours

(first year, full time)

Approximately 16-22 hours per week

## Find out more

[www.uob.edu.pk/ugso](http://www.uob.edu.pk/ugso)

## Introduction

Urdu language is now becoming an international language, therefore, there is a dire need to disseminate, promote & advance the knowledge to that literature whether it is scientific, logical or non-scientific could be translated in to Urdu. Surprisingly enough, most of the Urdu literary contributions, non-a-days are translated in different languages like English, German, Russian, French, Chinese & Japanese.

Urdu Department has the unique honor to be the first Department to start research oriented work up to M.Phil and Ph.D levels in the University.

Prof: Mujtaba Hussain, an eminent Critic, established Department of Urdu (UOB) in 1973. Many renowned Educationists, Writers, Scholars, Poets and Play Writers of Balochistan were groomed and nurtured in the Urdu department.

## Objective:

- Urdu is the national language as such it plays a vital role in the development of national harmony and act as a bridge for different language of Pakistan. In deed it is the most common medium of instructions and communication. The Department of Urdu is thus the mother department of the Languages.
- To guide the student of M. Phil & Ph. D in-depth research of Urdu Language and Literature for ascertaining multi-faceted values of different ages.
- To explore old and new horizons of Urdu literature pertaining to prose, poetry and criticism.
- To foster and environment that promotes learning through quality teaching and research while encouraging mutual respect, tolerance and sensitivity.
- To provide qualified and focused professionals in the subject of Urdu to meet the future needs of educational institutes or industry.
- To prepare researchers to meet the needs of industry and research organizations, science and technology.



## Job/Career Opportunities / Marketability of Graduates

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

سمسٹر بریک اپ						
فنکشنل انگلش	تفقید-1 (اصولی مباحث اور عملی تقفید)	تاریخ زبان و ادب اردو-1 (لسانیات اور اٹھارویں صدی کے رجحانات)	اسالیب نثر اردو-1 (غالب، شبلی)	افسانوی ادب-1 (داستان، ناول، افسانہ)	کلاسیکی شاعری-1 (غزل اور قصیدہ)	پہلا سمسٹر کل 15 کریڈٹ آؤرز
-	Urd2002	Urd2003	Urd2002	Urd2001	Urd2000	کورس کوڈ
2	3	3	3	3	3	کریڈٹ آؤرز
-	تفقید-2 (مغربی اور مشرقی تقفید)	تاریخ زبان و ادب اردو-2 (انیسویں اور بیسویں صدی کے رجحانات)	اسالیب نثر اردو-2 (علمی اور تخلیقی اسلوب)	افسانوی ادب-2 (ناول، افسانہ، ڈرامہ)	کلاسیکی شاعری-2 (مثنوی، مرثیہ، نظم)	دوسرا سمسٹر کل 15 کریڈٹ آؤرز
-	Urd2009	Urd2008	Urd2007	Urd2006	Urd2005	کورس کوڈ
-	3	3	3	3	3	کریڈٹ آؤرز

رسمیات مقالہ نگاری	جدید شاعری (غزل اور نظم)	بلوچستان میں اردو زبان و ادب کی روایت	اقبال کا خصوصی مطالعہ-1 (سوانح، تصورات اور اردو شاعری)	میر و غالب کا خصوصی مطالعہ	تیسرا سمسٹر کل 15 کریڈٹ آؤرز
Urd2013	Urd2013	Urd2012	Urd2011	Urd2010	کورس کوڈ
3	3	3	3	3	کریڈٹ آؤرز
مقالہ	جدید اصناف نثر	اردو کے منتخب علمی اداروں کی خدمات	تخلیقی نثر	اقبال کا خصوصی مطالعہ-2 (فارسی شاعری)	چوتھا سمسٹر کل 15 کریڈٹ آؤرز
Urd2019	Urd2018	Urd2017	Urd2016	Urd2015	کورس کوڈ
3	3	3	3	3	کریڈٹ آؤرز

## Facilities

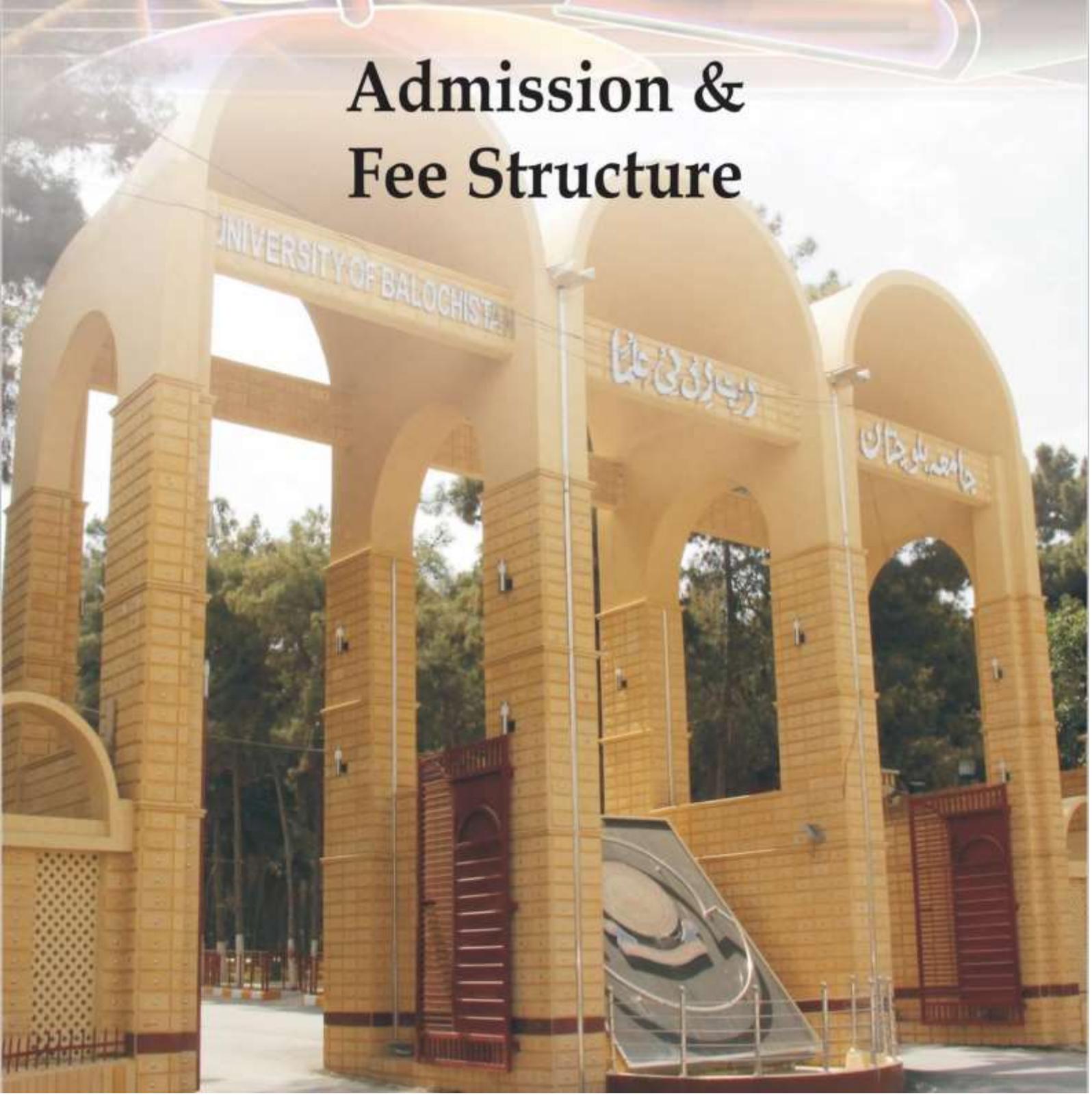
**Departmental Library:** In departmental Library, there are 1000 books covering a wide range of Urdu Adab and Theqeeq. The library also has a vast collection of prestigious journals.

**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 facilities the students learning experience.



# Admission & Fee Structure



## Program of Study

- MA/ M.Sc./ M.Com. : 2 years

## Eligibility

- Candidates holding BA/B.Sc, or its equivalent degree from any recognized institution, with at least (45% Marks) are eligible to apply for admission in Master’s Degree Programs.

## Ineligibility

- Applicants who do not fulfill the academic prerequisites or passed the qualifying examination in Supp: **2020** will not be eligible for admission this year.
- Candidates who secured less than 45% marks in the qualifying examination.
- 

## Important

- **Admissions in all disciplines will be granted on merit basis as per existing admission policy. However, Preference will be given to fresh Graduates.**
- **Commencement of classes in self-finance programs will be contingent upon the enrollment of at least 25 students in a class in the relevant discipline.**
- **Candidate must enter same CNIC number while generating online challan and application form.**

## Number of Seats Available for Master Degree Programs

- The total number of seats in each Department/Institute/Center/ in each program of study will be fifty (50) included the allocated seats under category ‘B & C’ respectively.
  - **Category ‘A’**- Local and Domicile of Balochistan
    - Open merit: Balochistan 10%
    - Open merit: Quetta District 15%
    - Open merit: Districts other than Quetta 75%
    - Personnel Serving in Balochistan – Category “B” (Non-Local & Non-Domicile) Daughter/Son/Spouse/Brother/Sister maximum 03 seats in each program of study.
  - **Category “B”** Direct dependents (son/daughter/wife/husband/sister/brother) of the Federal Government and Autonomous organizations personnel serving in Balochistan who are non-local/non-domicile of Balochistan Province.  
(Category “B” applicants will submit their application forms to the Undergraduate Studies Office (UGSO) 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 (UGSO) 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”

## Entry Test

The Candidates shall have to qualify the Entry Test which will be conducted by the concern department/ Institute/centre/sub-campus, securing 50% marks and appearing in the interview is compulsory for admission. If a candidate fails to appear in the Entry Test and interview on the fixed date and time, he / she will not be considered for admission applied for.

## Admission

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

## Admission Procedure

### How to apply

- Each candidate will have to generate online bank challan of Rs.1000/- (Non-refundable) from University of Balochistan website and deposit the fee in nearest HBL Branch.
- Moreover, applicants who wish to apply for admission in more than one teaching department will have to deposit Rs.1000/- (separate challan) in addition to Rs.1000/-.

**Note: Fee can be deposited online through multiple modes including HBL KONNECT App, HBL KONNECT agent or in any online HBL Branch. Prospectus is available on:**

<http://www.uob.edu.pk>

### Submission of Online Form:

Please visit the link

<http://ugso.uob.edu.pk>

- There are certain steps (as per given guidelines) to be followed carefully while filling the online Admission Form as there will be no change/edit option after submission of online admission form.
- Candidates seeking admission will submit the admission form in hardcopy (02 Sets with all relevant documents) in their respective teaching departments/institutes/centers/ sub-campuses up-to **6<sup>th</sup> April, 2021** positively.
- Candidates applying for admission under category B or C including (Sports Quota) shall submit their forms (complete in all respects) in the office of the Assistant Registrar (Students Affairs) with in due date.

### Documents required to be attached:

**All photocopies of the relevant documents should be attested by gazetted officer grade 17 and above.**

- Four recent passport size photographs duly attested (Male/Female) same as uploaded photo in online admission form.
- Two attested photocopies of character certificate/degree from head of the Institution last attended.
- Two attested photocopies of Intermediate Certificate.
- Two attested photocopies of Matric Certificate.
- Two attested photocopies of Local / Domicile Certificate.
- Two attested photocopies of CNIC (each) of the applicant's & their father's / guardian's.
- Original documents will be shown at the time of Interview and will be checked by the Chairperson/ Director/ Incharge, Admission Committee of the concerned department/institute/centre.
- Affidavit available in the prospectus (Appendix-I) on UGSO website is mandatory to be filled and signed by each applicant and countersigned by their guardians. (For all candidates).
- Candidates applying under category 'B' shall have to submit an Affidavit (in original) dully attested by the Magistrate 1<sup>st</sup> Class and countersigned by the employer under whom the guardian of the candidate (i.e father/mother/brother/ sister/ spouse) is serving.
- Applicants must collect 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.

**Applicants will have to bring with them all their relevant documents (in original) at the time of interview; otherwise will not be considered for the admission, applied for.**

### Criteria:

1. Admission in all the Teaching Departments shall be given as per University Policy.
2. Test/Interview of the eligible candidates will be held in all the concerned Teaching departments/institutes/centers as per schedule given below:
3. Each applicant will have to qualify the Entry Test with **at least 50% marks for becoming eligible for the admission, as applied for.**
4. If a candidate fails to make payments to admission dues up to the last date, his/her admission will stand cancelled and the next applicant on waiting list will be considered for admission. In such a case he/she cannot claim his/her admission; however, if seats were available in the concerned department, he/she will be given a chance to deposit the prescribed dues.

After expiry of last date i.e **6<sup>th</sup> April, 2021**, no Application Form will be entertained. **For queries please feel free to visit or contact office of the Assistant Registrar (Students Affairs): Address:** Building of Centre of Excellence in Mineralogy, University of Balochistan, Sariab Road, Quetta. Tel: +92 81 9211008 (Ext: 3517), Cell: 0333-7589977 (Monday to Friday during office hours 09:00 am to 05:00 pm), Web: [www.uob.edu.pk](http://www.uob.edu.pk) email: [dg.ugso@uob.edu.pk](mailto:dg.ugso@uob.edu.pk)

### 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/ Employees (Son. Daughter/ Spouse/ Brother/ sister)	Not more than three in each program of studies on merit amongst the applicants	03 in Each Program of study	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	01 each program of study	-	The applications along with sports certificates will be submitted to office of the Assistant Registrar (SA), UoB in due date.

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

## Attendance, Dropout

- A student will be allowed to appear in examination only if he/she has attended, not less than 75% of the lectures/seminars delivered to his/her class in each course and 75% of the practicals/laboratory demonstrations prescribed for the respective courses.
- Calculation of attendance will start from the date of commencement of classes.
- A date-wise record of the attendance of students shall be maintained by the respective teacher in each course. One week before the commencement of the final examination, the teacher of each course shall send to the Chairperson/Director/Incharge of the Department/Institute/Centre a statement in duplicate giving the total number of lectures delivered (practicals conducted) by him together with the total number of lectures and practicals attended by each student.
- The period of absence in case of participation in co-curricular/sports activities outside the University of Balochistan, Quetta, with the permission of the Competent Authority may not be counted, as absence.
- Students having class attendance less than 75% in a particular course shall be awarded „F“ grade in that course and he/she shall be required to repeat the same course, if it is a compulsory course or an equivalent course in lieu thereof, if it is an optional course.
- Absence from class for two consecutive weeks or more (two weeks means six classes for a three credit hours course and four classes for a two credit hours course) without any genuine reason shall entail cancellation of admission in the course by the class teacher which would only be restored on appeal to the concerned teacher made within 05 days of the cancellation order with payment of Rs.1000/-. The class teacher will inform the Chairperson/Director/Incharge of the Department/Institute/ Centre regarding cancellation and restoration of admission in the course. However, the payment of Rs.1000/- will not remove the absence of a students from the attendance sheet and it will be counted while calculating the percentage of total attendance of the student for the purpose of examination.
- Absence from a class for four consecutive or more weeks, will debar the student from examination and the course will be considered dropped. He / she will be required to repeat it.
- 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/she 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 drop out if his monthly attendance is less than 25% by the Head of Department/Institute/Centre.

## 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/Institute/Centre for such students.

## The Distribution of Marks

A student shall be evaluated in each course on the basis of various components of the study including class attendance/participation, assignments, projects / lab reports, presentation, quizzes, sessional tests, mid-term, and terminal examinations according to the following weightage assigned to each category.

Type of Assessment	Courses with Lab	Courses without lab
Quizzes	05%	15%
Mid Semester Exam	20%	30%
Assignments/Reports	10%	15%

Practical	25%	-
Terminal Exam	40%	40%

### Grading Policy

- Letter grading should only be used for representing the individual courses and not report the semester GPA/CGPA and letter grad should be reflect in DMC transcript.
- The following range of grade points for each letter grade will be followed;

<u>Marks Range (in %)</u>	<u>Grade Point (Value)</u>	<u>Grade</u>
90 and above	4.00	A+
85 -- 89	4.00	A
80 – 84	4.00	A-
75 – 79	3.5 – 3.9	B+
73 – 74	3.3 – 3.4	B
70 – 72	3.0 – 3.2	B-
66 – 69	2.6 – 2.9	C+
63 – 65	2.3 – 2.5	C
60 – 62	2.0 - 2.2	C-
50 – 59	1.0 -1.9	D
0 – 49*	0.00	F
Incomplete	-	I
Withdrawal	-	W

*\*fraction is to be rounded up to two decimal.*

<b>% Marks</b>	<b>Grade point Value</b>	<b>Grade</b>
<b>GRADE – A</b>		
90 and above	4.00	A+
85-89	4.00	A
80-84	4.00	A-
<b>GRADE – B</b>		
79	3.9	B+
78	3.8	B+
77	3.7	B+
76	3.6	B+
75	3.5	B+
74	3.4	B
73	3.3	B
72	3.2	B-
71	3.1	B-
70	3.0	B-
<b>GRADE – C</b>		
69	2.9	C+
68	2.8	C+
67	2.7	C+
66	2.6	C+
65	2.5	C

64	2.4	C
63	2.3	C
62	2.2	C-
61	2.1	C-
60	2.0	C-
<b>GRADE –D</b>		
59	1.9	D
58	1.8	D
57	1.7	D
56	1.6	D
55	1.5	D
54	1.4	D
53	1.3	D
52	1.2	D
51	1.1	D
50	1.0	D
<b>GRADE – F</b>		
0-49		<b>F</b>
Withdrawn course		<b>W</b>
Incomplete course		<b>I</b>

- **Minimum CGPA requirement for 02/2.5 years degree program**

Semester	GPA/CGPA Required
1 <sup>st</sup> Semester	1.00 GPA
2 <sup>nd</sup> Semester	1.50 CGPA
3 <sup>rd</sup> Semester	1.75 CGPA
4 <sup>th</sup> Semester	2.00 CGPA
5 <sup>th</sup> Semester	2.00 CGPA

student fails to pass certain courses and yet manage to maintain his / her GPA equal to or above minimum requirement then he / she will be allowed to repeat and clear the course(s) before the degree is awarded to him / her.

- There shall be no probation in semester system at any stage.
- GPA/CGPA is computed at the end of each semester.
- 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.



## 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](http://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 Provosts, 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 supplemented 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**

**UNDERTAKING BY THE STUDENT**

(To be submitted on the judicial stamp paper)  
(As per order of Supreme Court of Pakistan dated 1<sup>st</sup> 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 1<sup>st</sup> 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.**

## Oath Certificate

### **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)**

Category B

**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: \_\_\_\_\_

Category C

**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 declares 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: \_\_\_\_\_

## FEE STRUCTURE

Departments/ Institute	S#	Description	1 <sup>st</sup> Semester (Rs)	2 <sup>nd</sup> Semester (Rs)	3 <sup>rd</sup> Semester (Rs)	4 <sup>th</sup> Semester (Rs)
<b>Masters 2 Year (4 Semester) Programs</b> Physic/ Chemistry/ Mathematics/ Statistics/ Zoology/ Botany/ Biochemistry/ Microbiology/ Geology/ Geography	1	Admission fee	1210	0	0	0
	2	Tuition fee	2200	2200	2420	2420
	3	Security fee (Non-refundable)	330	330	363	363
	4	ID Card fee	110	110	121	121
	5	Caution Money	330	330	363	363
	6	Computer Lab fee	1100	1100	1210	1210
	7	Sports Fund	550	550	605	605
	8	Transport fee	1100	1100	1210	1210
	9	Laboratory/Field Work fee	1100	1100	1210	1210
	10	Departmental Library fee	550	550	605	605
	11	Central Library fee	2200	0	0	0
	12	Examination fee	2200	2200	2420	2420
	13	DMC fee	300	300	330	330
	14	Degree fee	0	0	0	3000
	<b>Sub Total</b>			<b>13280</b>	<b>9870</b>	<b>10857</b>
<b>Total Dues for 2 Years: Rs. 47864/-</b>						

Departments/ Institute	S#	Description	1 <sup>st</sup> Semester (Rs)	2 <sup>nd</sup> Semester (Rs)	3 <sup>rd</sup> Semester (Rs)	4 <sup>th</sup> Semester (Rs)
<b>Masters 2 Year (4 Semesters) Programs</b> English/ Media Studies/ Gender Dev. St./ Philosophy/ Psychology/ Sociology/ Social Work/ Pol. Sc./ IR/ Lib. & Info. Sc./ History/ Islamic St./ Pak St./Balochi/ Brahui/ Pashto/ Persian/ Urdu/ M.Com/MPA	1	Admission fee	1210	0	0	0
	2	Tuition fee	2200	2200	2420	2420
	3	Security fee (Non-refundable)	330	330	363	363
	4	ID Card fee	110	110	121	121
	5	Caution Money	330	330	363	363
	6	Computer Lab fee	550	550	605	605
	7	Sports Fund	550	550	605	605
	8	Transport fee	1100	1100	1210	1210
	9	Laboratory/ Field Work fee	550	550	605	605
	10	Departmental Library fee	550	550	605	605
	11	Central Library fee	2200	0	0	0
	12	Examination fee	2200	2200	2420	2420
	13	DMC fee	300	300	330	330
	14	Degree fee	0	0	0	3000
	<b>Sub Total</b>			<b>12180</b>	<b>8770</b>	<b>9647</b>
<b>Total Dues for 2 Years Rs. 43244/-</b>						

Departments/ Institute	S#	Description	1 <sup>st</sup> Semester (Rs)	2 <sup>nd</sup> Semester (Rs)	3 <sup>rd</sup> Semester (Rs)	4 <sup>th</sup> Semester (Rs)
<b>Computer Science (MCS) (Morning) 2 Year (4 Semesters) Programs</b>	1	Admission fee	1210	0	0	0
	2	Tuition fee	12870	12870	14157	14157
	3	Security fee (Non-refundable)	330	330	363	363
	4	ID Card fee	110	110	121	121
	5	Caution Money	330	330	363	363
	6	Computer Lab fee	1320	1320	1452	1452
	7	Sports Fund	550	550	605	605
	8	Transport fee	1100	1100	1210	1210
	9	Departmental Hardware fee	5060	5060	5566	5566
	10	Departmental Library fee	550	550	605	605
	11	Central Library fee	2200	0	0	0
	12	Examination fee	4400	4400	4840	4840
	13	DMC fee	300	300	330	330
	14	Degree fee	0	0	0	3000
	<b>Sub Total</b>			<b>30330</b>	<b>26920</b>	<b>29612</b>
<b>Total Dues for 2 Years Rs. 119474/-</b>						

Departments/ Institute	S#	Description	1 <sup>st</sup> Semester (Rs)	2 <sup>nd</sup> Semester (Rs)	3 <sup>rd</sup> Semester (Rs)	4 <sup>th</sup> Semester (Rs)
<b>Institute of Management Sciences (MPA 2 years 4 semesters)</b>	1	Admission fee	1210	0	0	0
	2	Tuition fee	12740	12740	14014	14014
	3	Security fee (Non-refundable)	330	330	363	363
	4	ID Card fee	110	110	121	121
	5	Caution Money	330	330	363	363
	6	Computer Lab fee	550	550	605	605
	7	Sports Fund	550	550	605	605
	8	Transport fee	1100	1100	1210	1210
	9	Laboratory/ Field Work fee	550	550	605	605
	10	Departmental Library fee	550	550	605	605
	11	Central Library fee	2200	0	0	0
	12	Examination fee	2200	2200	2420	2420
	13	DMC fee	300	300	330	330
	14	Degree fee	0	0	0	3000
	<b>Sub Total</b>			<b>22720</b>	<b>19310</b>	<b>21241</b>
<b>Total Dues for 2 Years Rs. 87512/-</b>						

Departments/ Institute	S#	Description	1 <sup>st</sup> Semester (Rs)	2 <sup>nd</sup> Semester (Rs)	3 <sup>rd</sup> Semester (Rs)
Institute of Education & Research (B.Ed. 2.5 Years 5 Semesters) & (B.Ed. 1.5 Years 3 Semesters)	1	Admission fee	1210	0	0
	2	Tuition fee	3500	3500	3850
	3	Security fee (Non-refundable)	330	330	363
	4	ID Card fee	110	110	121
	5	Caution Money	330	330	363
	6	Computer Lab fee	1100	1100	1210
	7	Sports Fund	550	550	605
	8	Transport fee	1100	1100	1210
	9	Laboratory/Field Work	550	550	605
	10	Departmental Library fee	550	550	605
	11	Central Library fee	2200	0	0
	12	Examination fee	2200	2200	2420
	13	DMC fee	300	300	330
	14	Degree fee	0	0	3000
<b>Sub Total</b>			<b>14030</b>	<b>10620</b>	<b>14682</b>
<b>Total Dues for 1.5 Years Rs. 39332/-</b>					

Departments/ Institute	S#	Description	1 <sup>st</sup> Semester (Rs)	2 <sup>nd</sup> Semester (Rs)	3 <sup>rd</sup> Semester (Rs)	4 <sup>th</sup> Semester (Rs)	5 <sup>th</sup> Semester (Rs)
Institute of Education & Research (B.Ed. 2.5 Years 5 Semesters) & (B.Ed. 1.5 Years 3 Semesters)	1	Admission fee	1210	0	0	0	
	2	Tuition fee	3500	3500	3850	3850	4235
	3	Security fee (Non-refundable)	330	330	363	363	400
	4	ID Card fee	110	110	121	121	133
	5	Caution Money	330	330	363	363	400
	6	Computer Lab fee	1100	1100	1210	1210	1331
	7	Sports Fund	550	550	605	605	666
	8	Transport fee	1100	1100	1210	1210	1331
	9	Laboratory/Field Work	550	550	605	605	666
	10	Departmental Library fee	550	550	605	605	666
	11	Central Library fee	2200	0	0	0	0
	12	Examination fee	2200	2200	2420	2420	2662
	13	DMC fee	300	300	330	330	363
	14	Degree fee	0	0	3000	0	3000
<b>Sub Total</b>			<b>14030</b>	<b>10620</b>	<b>14682</b>	<b>11682</b>	<b>15853</b>
<b>Total Dues for 2.5 Years Rs. 63867/-</b>							

**Note:** \*In case if a student wish to cancel his/her admission by own request the fee deposited will only be refunded, if the request of the student is within 15 consequent days i.e (from the date of submission of admission dues mentioned in the fee challan and request for cancellation of admission, failing which fee will not be refunded at any grounds.

**\*\* Fee structure for self-finance programs contact with Students Affairs Branch, University of Balochistan, Quetta.**

