Serving the nation since 1947

UNIVERSITY OF SINDH

PROSPECTUS-2022

FOR

BACHELOR AND MASTER DEGREE PROGRAMMES

Morning and Evening Programmes offered at

▸ Allama I.I. Kazi Campus, Jamshoro

▸ Sindh University Laar Campus Badin

▸ Sindh University Campus Mirpurkhas

▸ Mohtarma Benazir Bhutto Shaheed Sindh University Campus Dadu

▸ Sindh University Campus Larkana

▸ Sindh University Campus Thatta

▸ Khan Bhadur Syed Allahndo Shah Sindh University Campus Naushahroferoze

University of Sindh reserves the right to make alterations in curriculum, fee structure and examination schedule

Mission

To develop human resources by imparting quality education in all fields of science, arts and technology also to develop a body of teachers and taught who would be aware and proud of their culture and posses a high sense of honour and integrity and work with selfless dedication, commitment and responsibility towards society to contribute to the prosperity of people and peace and harmony in the country.

Vice-Chancellor's Message

I am absolutely delighted to extend my warm greetings to you all for choosing University of Sindh Jamshoro for higher studies. This university is one of the oldest Alma mater in the country which is rendering invaluable services to the people of Pakistan in general and Sindh in particular. This noble higher seat of learning will turn your dreams into reality by providing you not only education of your choice but counseling, guidance, extra-curricular activities, and scholarship opportunities for students from humble backgrounds. The university is thriving because of its highly qualified faculty members, well equipped laboratories, updated libraries and cutting edge technology. All these factors will make ample contribution to your intellectual and physical growth. Students' preferences have been catered for, by providing education in a variety of disciplines. Degrees are offered in as many as Fifty-Eight disciplines. This catalogue will help you to choose the discipline that is close to your aspirations. Since the majority of students come from humble backgrounds therefore the University of Sindh provides education at affordable cost. Besides an assortment of scholarship programs are offered by the university for which you have to compete and earn your share. The scholarship programs include many scholarships offered by the federal government, government of Sindh and other sponsoring agencies. University of Sindh Jamshoro strives hard to develop students' personality as multifaceted. This is achieved by providing various co-curricular activities, seminars, workshops, debate competitions, talent hunt programs in acting, music and conferences. Hence your stay at this Alma mater will not be restricted to books only rather we will provide you platforms where you will be groomed from various aspects.

As the Vice Chancellor of this University, students' comfort and security on the campus have always remained my top priority. The hilly and rocky campus of Jamshoro is ready to embrace you and provide you more than you aspire. Your real growth and progress depends on the amount of hard work you put in during your student life. Don't forget that this is the golden time for you to make or break your dreams. My qualified faculty members and other trained personnel are always there to help you in all the matters related to academia and beyond. I wish you all the very best in future endeavors. May God Bless you all.

Dr. Muhammad Siddique Kalhoro
Meritorious Professor, Ph.D (London)
Vice-Chancellor
University of Sindh, Jamshoro
vc@usindh.edu.pk

UNIVERSITY CALENDAR 2022

ACADEMIC SCHEDULE

FIRST SEMESTER

Orientation Day	3rd January 2022
Date of Start of Classes	Monday 3rd January 2022
Mid Term Test	Monday 7th March 2022
Semester Classes End	Friday 29th April 2022
Semester Examinations Start	Monday 16th May 2022
Summer Break	Wednesday 01st June 2022 To Sunday 17th July 2022

SECOND SEMESTER

Date of Start of Classes	Monday 18th July 2022
Mid Term Test	Monday 12th September 2022
Semester Classes End	Friday 20th November 2022
Semester Examinations Start	Monday 29th November 2022
Winter Break	Saturday 17th December 2022 To Sunday 01st January 2023

HOLIDAYS FOR THE ACADEMIC YEAR 2022

NATIONAL HOLIDAYS

Kashmir Day	Saturday	05-02-2022
Pakistan Day	Wednesday	23-03-2022
Labor Day	Sunday	01-05-2022
*Eid-ul-Fitar	Tuesday Thursday	03-05-2022 to 05-05-2022
*Eid-ul-Azha	Monday Wednesday	11-07-2022 to 13-07-2022
*Youm-e-Ashur	Monday Tuesday	08-08-2022 to 09-08-2022
Independence Day	Sunday	14-08-2022
Quaid-e-Azam's Birthday	Sunday	25-12-2022

* (Subject to appearance of the Moon)

OPTIONAL HOLIDAYS

Non-Muslim University employees are entitled to avail any three of the following optional Holidays, in a Calendar Year.

01.	Shivartri	06.	Janam Ashtami
02.	Holi	07.	Durga Puja
03.	Easter Sunday	08.	Dussehra
04.	Baisakhi	09.	Dewali
05.	Basant Punchami	10.	Guru Nanik Birthday

CONTENTS

ABOUT THE UNIVERSITY OF SINDH

University of Sindh the oldest University of the country, was constituted under the University of Sindh Act No. XVII of 1947 passed by the Legislative Assembly of Sindh.

From 1947 to 1951 the University functioned solely as an examining body. However, after its relocation in Hyderabad in 1951, it started functioning as a teaching university in pursuit of fulfillment of its charter and mission to disseminate knowledge. The first teaching department, namely, Department of Education, raised to the status of Faculty later, was started in view of the great dearth of trained teachers in the country. The departments of Basic Science disciplines as well as other departments on humanities side were gradually adopted by mid fifties. The Mehran University of Engineering and Technology Jamshoro, Sindh Agriculture University Tando Jam and Shah Abdul Latif University Khairpur have remained the subcampuses of University of Sindh. The Liaquat Medical College Jamshoro, Chandka Medical College Larkana and Peoples Medical College Nawabshah now all are independent universities had been affiliated with University of Sindh and University of Sindh was their examining body.

The development of the present campus, designated as Allama I.I. Kazi Campus, at Jamshoro, about 17 kilometers from Hyderabad started in late 1950's. The Act of 1972 under which the University is presently functioning provided for greater autonomy and representation of teachers.

There are 60 teaching institutes/centres/departments offering degrees in 116 disciplines functioning under various academic Faculties. Degree Programmes in some of the disciplines, e.g., Biotechnology and Genetic Engineering, Environmental Science, Law (05 years Degree LLB and 2-Year LLM), Anthropology and Archaeology and Forestry have been added since 2001. University of Sindh, Laar Campus at Badin started functioning in 2007, Mirpurkhas campus of the University has been launched from January 2010. Dadu Campus of the University is functioning from 2012 Thatta and Larkana Campuses are functioning since 2013. In addition, there are presently more than 74 Degree and PostGraduate Public Sector Colleges along with 14 Private Colleges and 15 Law Colleges are affiliated with the University.

Programmes of Studies

The University's teaching departments offer **4-year BS degree** under the Faculties of **Arts, Commerce and Business Administration, Education, Islamic Studies, Natural Sciences and Social Sciences.** Degree in Pharmacy **(Pharm-D)** and Bachelor of Law **(D-Juris)** are of five-year duration.

Each Faculty works under the Dean, appointed by the Chancellor for a term of 3 years. The Master degree Programmes generally comprise 2-year duration after Bachelor (Pass) degrees. Students obtaining 4-year Bachelor degrees are taken directly for M.Phil. / MS studies.

The two-year Bachelor (Pass) degree Programmes in Arts, Commerce and Sciences are conducted through various Degree Colleges affiliated with the University of Sindh.

The LLM and the 05 years Law degree (D. Jur.) classes are conducted in the Institute of Law Located at Metharam Hostel building @ Elsa Kazi Campus, Hyderabad.

Degree Programmes in the **Evening** shift introduced since 2001 include Master's degree in English, 04 years BS Chemistry, Computer Science, Information Technology, Commerce, Master's degree in Telemedicine, E-Commerce, Multimedia Technology, Business Administration and Public Administration. Postgraduate Diploma in Information Technology, Computer Science and 01-year Bachelor and Master degree Programmes in Physical Education and many other disciplines.

The 01-year Postgraduate Diploma may lead to admission to Final Year Master's degree in the relevant discipline.

UNIVERSITY TOWN JAMSHORO AT A GLANCE

Jamshoro, the largest residential campus in the country, situated about 17 km from Hyderabad on the right bank of River Indus. It was a desolate hilly track until 1955 when it was selected for the establishment of Sindh University Campus. The site was selected to be a University township away from the humdrum of Hyderabad city which lacked room to meet the ambitious expansion programme of the university.

Interestingly, Jamshoro virtually is the gate-way to the Indus Valley, now world famous for its civilization and rich cultural heritage. The Ranikot Fort is located approximately 70 km to the north of the campus, in the northward continuation of the same hilly track which becomes Laki Ranges, merging with the Khirthars northwards. Amri, an important archeological site, lies about 15 km further north. Sehwan, a well-known township lies 25 km to the north of Amri. Mancher Lake the largest fresh water lake in the region, is situated to the west north west of Sehwan. Travelling about 150 km north through the Indus plains brings one to the site of Moen-jo-Daro, the most important archeological discovery of the Valley.

University of Sindh owns beautiful infrastructure and developed roads throughout its main campus. There are 24 teaching blocks including the largest building of the Faculty of Arts. In addition, there are 60 institutes/departments/centres. Sixteen halls of residence provide accommodation to nearly 2500 male and 1500 female students. There is a separate hostel for postgraduate female students. A beautiful Hyder Bux Jatoi Sports Centre provides indoor games facility, track for athletics and sports grounds. Fatima Jinah Gymnasium provides Games and Sports facility exclusively for girls. The Institute of Sindhology building, depicting the cultural heritage of Sindh, adorns the entrance to the campus from the Indus Highway. The imposing central library building, named after Late Allama I. I. Kazi, the first Vice Chancellor of the University at Hyderabad, who conceptualized this campus, serves as a land mark even from a distance. The campus itself has been named after Allama I.I. Kazi as a tribute to the great scholar and visionary.

The residential colony for the faculty and staff of the University provides on- campus residence to about one third of the total employees.

The tree lined roads and greenery developed at the campus has completely transformed the University. The location of Sindh University sharing area with the Mehran University of Engineering and Technology and Liaquat University of Medical and Health Sciences complex in the neighborhood has gone a long way in this transformation to a University township.

The University provides easy accessibility and facilitates in organizing National/ International Conferences, Symposia and Seminars on variety of themes related to all disciplines offered by the University. Intervarsity sports competitions and annual sports meets have become regular features. Our graduates perform excellently in those competitions and win prizes proving their potential and interest. The museum and various art galleries of the Institute of Sindhology attract a large number of visitors. Recently, constructed Shaheed Muhtrama Benazir Bhutto Research and Convention Centre is a significant addition to boost applied and academic research.

UNIVERSITY COMMUNITY PARTNERSHIP

The University of Sindh is redirecting its economic and intellectual resources, campuses facilities, affiliated community colleges and other assets to benefit its rural and urban community in many innovative ways. The University is planning to work for economic development and provides needed social services, offers technical assistance to community-based organizations and projects. It is also carries out research that provides guidance on solving Problems and creates opportunities for stake-holders to learn from one another and from community.

Following steps have been taken to create a strong relationship between University of Sindh and its community.

- Bursaries, freeship and Scholarships are provided to deserving candidates.
- Special seats in admission are reserved for students from disadvantaged communities.
- Courses are taught in community colleges for potential future University students.
- Visits by university staff and students to schools and colleges are undertaken.
- University students particularly teacher trainers are sent to the schools and colleges to engage classes and provide mentoring during their B.Ed.   training.
- Personal support through university tutors, student peer mentors; staff helping students to navigate academic and support systems; and counseling; health and disability services.
- Financial support, including emergency and hardship funds and assistance.
- Employment support, including job services as teaching assistants and faculty to earn and gain employability skills.

In addition to above mentioned steps University of Sindh manages/arranges following activities every year:

- Cultural / National days in all campuses as well as in affiliated colleges
- Blood donations for needy persons
- Book donations
- Help and shelter to food/rain affected people at the time of need.
- Organise Seminars related to community issues
- Trains volunteers for social and community work

AUTHORITIES OF THE UNIVERSITY

As per Charter of the University, following are the authorities of the University of Sindh

1. Senate
2. Syndicate
3. Academic Council
4. Boards of Faculties
5. Boards of Studies
6. Selection Board
7. Advanced Studies and Research Board
8. Affiliation Committee
9. Finance & Planning Committee
10. Discipline Committee

DEGREE PROGRAMMES

FACULTY OF ARTS

Bachelor Degree Programme 4 Years (8 Semesters)

BAH	Arts & History
BFA	Fine Arts
B. Design	Textile Design
B. Design	Communication Design
BS	Sindhi
BS	English Language and Literature (Morning & Evening)
BS	Applied Linguistics (Morning & Evening)
BS	Arabic
BS	Persian
BS	Philosophy
BS	Urdu

Master Degree Programme 2 Years (4 Semesters)

MA (Pass)	Arabic
MA (Pass)	Art Education (Evening)
MA (Pass)	English (Morning & Evening)
MA (Pass)	Fine Art
MA (Pass)	Philosophy
MA (Pass)	Persian
MA (Pass)	Sindhi
MA (Pass)	Urdu

FACULTY OF COMMERCE & BUSINESS ADMINISTRATION

Bachelor Degree Programme 4 Years (8 Semesters)

BS	Commerce (Morning & Evening)
BS	Banking and Finance
BBA (Honours)	Business Administration (Morning & Evening)

Master Degree Programme

M.Com (Pass)	Commerce 2 Years (4 Semesters)
MBA	Business Administration **4 Years (8 Semesters)**
MBA (Honours)	Business Administration **2 Years (4 Semesters)**
MBA	Business Administration **2 Years (6 Semesters)** (Evening)

FACULTY OF EDUCATION

Bachelor Degree Programme

B.Ed. (Elementary)	Education 4 Years (8 Semesters)

Master Degree Programme

B.Ed. Secondary	Education 2.5 Years (5 Semesters) (Morning & Evening)
B.Ed. Secondary	Education 1.5 Years (3 Semesters) (Morning & Evening)

FACULTY OF ENGINEERING AND TECHNOLOGY

Bachelor Degree Programme 4 Years (8 Semesters)

BS	Electronic Engineering
BS	Telecommunication Engineering
BS	Information Technology (Morning & Evening)
BS	Software Engineering (Morning & Evening)

FACULTY OF ISLAMIC STUDIES

Bachelor Degree Programme 4 Years (8 Semesters)

BS	Comparative Religion
BS	Islamic Studies
BS	Muslim History

Master Degree Programme 2 Years (4 Semesters)

MA (Pass)	Comparative Religion
MA (Pass)	Islamic Studies
MA (Pass)	Muslim History

FACULTY OF LAW

Bachelor Degree Programme 5 Years (10 Semesters)

LLB	Law

Master Degree Programme 2 Years (4 Semesters)

LLM	Law (Evening)

FACULTY OF NATURAL SCIENCES

Bachelor Degree Programme 4 Years (8 Semesters)

BS	Anthropology & Archeology
BS	Biochemistry
BS	Biotechnology
BS	Botany
BS	Chemistry (Morning & Evening)
BS	Computer Science (Morning & Evening)
BS	Environmental Science
BS	Forestry **(Evening)**
BS	Freshwater Biology & Fisheries
BS	Genetics
BS	Geography
BS	Geology
BS	Physical Education Health & Sports Sciences
BS	Mathematics
BS	Medical Laboratory Technology
BS	Microbiology
BS	Nutrition & Food Technology
BS	Physics (Morning & Evening)
BS	Physiology
BS	Statistics
BS	Zoology

Master Degree Programme 1 Year (2 Semesters)

BPEHSS	Physical Education, Health & Sports Science (Evening)
MPEHSS	Physical Education, Health & Sports Science (Evening)

Master Degree Programme 2 Years (4 Semesters)

M.Sc.	Actuarial Sciences
M.Sc.	Biochemistry
M.Sc.	Biotechnology
M.Sc.	Botany
M.Sc.	Chemistry (Morning & Evening)
M.Sc.	Computer Science (Morning & Evening)
MCS	Computer Science
M.Sc.	Environmental Science
M.Sc.	Fresh Water Biology & Fisheries
M.Sc.	Geography
MA & M.Sc.	Mathematics
M.Sc.	Physics
M.Sc.	Physiology
M.Sc.	Statistics
M.Sc.	Zoology
M.Sc.	Coastal Zone Management (Only at Thatta Campus) (Evening)

FACULTY OF PHARMACY

Pharm-D.	Doctor of Pharmacy (10 Semesters, Morning & Evening)
Condensed Course	1 Year Condensed Deficiency Course (2 Semesters)

FACULTY OF SOCIAL SCIENCES

Bachelor Degree Programme 4 Years (8 Semesters)

BS	Criminology (Morning & Evening)
BS	Development Communication
BS	Economics
BS	Gender Studies
BS	General History
BS	International Relations
BS	Library & Information Sciences
BS	Media & Communication Studies (Morning & Evening)
BS	Pakistan Studies
BS	Political Science
BS	Psychology (Arts & Science)
BS	Public Administration (Morning & Evening)
BS	Rural Development
BS	Social Work
BS	Sociology (Morning & Evening)

Master Degree Programme 2 Years (4 Semesters)

M.Sc.	Criminology (Evening)
M.Sc.	Development Studies
MA	Economics
MA	General History
M.Sc.	Home Economics
MA	International Relations
MA	Media & Communication Studies
MA	Pakistan Studies
MA	Political Science
MA & M.Sc.	Psychology
MPA	Public Administration (Morning & Evening)
MA	Public Policy
M.Sc.	Rural Development (Off campus)
MA	Sociology (Morning & Evening)
MA	Social Work
MA	Women Development Studies

MS / M. Phil. and Ph.D. Programmes

MS / M.PHIL and Ph.D Programmes will be announced separately by Director Graduate Studies

Evening Programmes

NOTE If number of students enrolled in any Evening Degree Programme/Post Graduate diploma/ certificate course is **less than 40**, then the course shall not be conducted / started and paid amount will be refunded to the candidate.

ELIGIBILITY CRITERIA FOR BACHELOR DEGREE PROGRAMMES

S.No.	DISCIPLINE	H.S.C. PERCENTAGE	PRE MEDICAL	PRE ENGINEERING	GENERAL SCIENCE	COMMERCE	ARTS	HUMANITIES	DIPLOMA IN ASSOCIATE ENGINEERING
1	ANTHROPOLOGY & ARCHEOLOGY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
2	APPLIED LINGUISTICS (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
3	ARABIC (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
4	ART HISTORY (BAH)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
5	B.Ed. (ELEMENTARY) (B.Ed)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE
6	BANKING AND FINANCE (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE
7	BIOCHEMISTRY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
8	BIOTECHNOLOGY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
9	BOTANY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
10	BUSINESS ADMINISTRATION BBA (HONS)	60%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE
11	CHEMISTRY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
12	COMMERCE (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
13	COMMUNICATION DESIGN (BCD)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
14	COMPARATIVE RELIGION (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
15	COMPUTER SCIENCE (BS)	50%	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
16	CRIMINOLOGY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
17	DEVELOPMENT COMMUNICATION (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
18	ECONOMICS (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
19	ELECTRONIC ENGINEERING (BE)	60%	NOT ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
20	ENGLISH LANGUAGE AND LITERATURE (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
21	ENVIRONMENTAL SCIENCE (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
22	FINE ARTS (BFA)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
23	FORESTRY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
24	FRESHWATER BIOLOGY & FISHERIES (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
25	GENDER STUDIES (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
26	GENERAL HISTORY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
27	GENETICS (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
28	GEOGRAPHY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
29	GEOLOGY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
30	INFORMATION TECHNOLOGY (BS)	50%	NOT ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE

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ELIGIBILITY CRITERIA FOR BACHELOR DEGREE PROGRAMMES

S.No.	DISCIPLINE	H.S.C. PERCENTAGE	PRE MEDICAL	PRE ENGINEERING	GENERAL SCIENCE	COMMERCE	ARTS	HUMANITIES	DIPLOMA IN ASSOCIATE ENGINEERING
31	INTERNATIONAL RELATIONS (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
32	ISLAMIC STUDIES (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
33	LAW (LL.B.)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE
34	LIBRARY & INFORMATION SCIENCES (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
35	MATHEMATICS (BS)	45%	NOT ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
36	MEDIA & COMMUNICATION STUDIES (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
37	MEDICAL LABORATORY TECHNOLOGY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
38	MICROBIOLOGY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
39	MUSLIM HISTORY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
40	NUTRITION & FOOD TECHNOLOGY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
41	PAKISTAN STUDIES (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
42	PERSIAN (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
43	PHARMACY (PHARM-D)	60%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
44	PHILOSOPHY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
45	PHYSICAL EDUCATION HEALTH & SPORTS SCIENCE (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
46	PHYSICS (BS)	45%	NOT ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
47	PHYSIOLOGY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
48	POLITICAL SCIENCE (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
49	PSYCHOLOGY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
50	PUBLIC ADMINISTRATION (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
51	RURAL DEVELOPMENT (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
52	SINDHI (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
53	SOCIAL WORK (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
54	SOCIOLOGY (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
55	SOFTWARE ENGINEERING (BS)	50%	NOT ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
56	STATISTICS (BS)	45%	NOT ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
57	TELECOMMUNICATION ENGINEERING (BE)	60%	NOT ELIGIBLE	ELIGIBLE	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE
58	TEXTILE DESIGN (BTD)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
59	URDU (BS)	45%	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE	ELIGIBLE
60	ZOOLOGY (BS)	45%	ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE	NOT ELIGIBLE

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ELIGIBILITY CRITERIA FOR MASTER DEGREE PROGRAMMES

S.No.	Subjects	Duration	Percentage	Pre-requisite
1	B.Ed. (Secondary)	1.5 Years (3 Semesters)	45%	M.A / M. Com / M.Sc / BS degree
2	B.Ed. (Secondary)	2.5 Years (5 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
3	BPEHSS (Evening)	1 Year (2 Semesters)	45%	BA (Pass) / B.Sc.(Pass)/ B.Com (Pass) / BS degree and Aptitude Test
4	LLM (Evening)	2 Years (4 Semesters)	45%	LLB Degree and **Pre Entry Test**
5	MA (Applied Linguistics)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
6	MA (Arabic)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) or Shahadat ul Aaliya
7	MA (Art Education) (Evening)	2 Years (4 Semesters)	45%	BA (Pass) Fine Arts and **Aptitude Test**
8	MA (Comparative Religion)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
9	MA (Economics)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
10	MA (English Language & Literature)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
11	MA (Fine Arts)	2 Years (4 Semesters)	45%	BA (Pass) Fine Arts and **Aptitude Test**
12	MA (International Relations)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
13	MA (Islamic Studies)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
14	MA (Media and Communication Studies)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
15	MA (Muslim History)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
16	MA (Pakistan Studies)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
17	MA (Persian)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) or Shahadat ul Aaliya
18	MA (Philosophy)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
19	MA (Political Science)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
20	MA (Psychology)	2 Years (4 Semesters)	45%	BA (Pass) with Psychology as an elective subject
21	MA (Sindhi)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
22	MA (Social Work)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
23	MA (Sociology)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
24	MA (Urdu)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
25	MA (Women Development Studies)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
26	MA (History)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
27	MBA (4-Year Degree Program)	4 Years (8 Semesters)	50%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
28	MBA (Evening)	2 Years (6 Semesters)	50%	BS / BE / MBBS / M.A / M.Sc. / M.Com or other equivalent qualification

NOTE: UNIVERSITY OF SINDH RESERVES THE RIGHT TO RECTIFY ERRORS AND OMISSIONS DETECTED AT ANY STAGE.

ELIGIBILITY CRITERIA FOR MASTER DEGREE PROGRAMMES

S.No.	Subjects	Duration	Percentage	Pre-requisite
29	MBA (Hons.)	2 Years (4 Semesters)	60%	BBA (Hons) degree
30	MCS (Master of Computer science)	2 Years (4 Semesters)	45%	BCS (Pass) / BCIT (Pass) 3-Year degree
31	MPA (Master in Public Administration)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
32	MPP (Master in Public Policy)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
33	M.Sc. (Actuarial sciences)	2 Years (4 Semesters)	50%	B.Sc. (Pass) with Pure Mathematics/ Staistics as one of the elective subjects
34	M.Sc. (Biochemistry)	2 Years (4 Semesters)	50%	B.Sc (Pass) with Chemistry and any biology subject
35	M.Sc. (Biotechnology)	2 Years (4 Semesters)	45%	B.Sc (Pass) with Chemistry and any biology subject
36	M.Sc. (Botany)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with Botany as one of the elective subjects
37	M.Sc. (Chemistry)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with Chemistry as one of the elective subjects
38	M.Sc. (Computer Science)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with Mathematics (Pure) as one of the elective subjects OR One-year PGD in Computer science with BA chelor degree OR BE (excluding Software/Computer Systems/IT).
39	M.Sc. (Criminology) Evening	2 Years (4 Semesters)	45%	BA chelor Degree in any discipline
40	M.Sc. (Development Studies)	2 Years (4 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
41	M.Sc. (Environmental Sciences)	2 Years (4 Semesters)	45%	B.Sc.(Pass) degree
42	M.Sc. (Fresh Water Biology & Fisheries)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with any biological subject as one of the elective subjects
43	M.Sc. (Geography)	2 Years (4 Semesters)	45%	B.Sc.(Pass) degree
44	M.Sc. (Home Economics)	2 Years (4 Semesters)	45%	B.Sc. (Pass) Home Economics
45	M.Sc. (Mathematics)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with Pure Mathematics as one of the elective subjects
46	M.Sc. (Physics)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with Physics and Mathematics (Pure) as optional subjects
47	M.Sc. (Physiology)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with any biological subject as one of the elective subjects
48	M.Sc. (Psychology)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with Psychology as an elective subject / M.B.B.S. degree
49	M.Sc. (Statistics)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with Pure Mathematics/ Staistics as one of the elective subjects
50	M.Sc. (Zoology)	2 Years (4 Semesters)	45%	B.Sc. (Pass) with Zoology as one of the elective subjects
51	Master of Commerce (M.Com)	2 Years (4 Semesters)	45%	B.Com.(Pass) degree
52	MPEHSS (Evening)	1 Year (2 Semesters)	45%	BPEHSS degree and **Aptitude Test**
53	PGD in Computer Science (EVENING)	1 Year (2 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)
54	PGD in Early Childhood Education (ECE)	1 Year (2 Semesters)	45%	BA (Pass) / B.Sc.(Pass)/ B.Com (Pass) / BS degree
55	PGD in Information Technology (EVENING)	1 Year (2 Semesters)	45%	BA (Pass) / B.Sc.(Pass) / B.Com.(Pass)

NOTE: UNIVERSITY OF SINDH RESERVES THE RIGHT TO RECTIFY ERRORS AND OMISSIONS DETECTED AT ANY STAGE.

DIRECTORATE OF ADMISSIONS

Introduction:

The directorate of admissions was established in the year 1996 to assist the aspirant students seeking admissions to various Bachelor and Master Degree Programmes at University of Sindh. We the officers and the supporting staff at the directorate of admissions are committed to uphold merit and visible transparency in the admission process. In this connection the admissions are being made through the Pre-Entry Test. To ensure the transparency the result of the pre-entry test and admission selection lists are displayed publically on notice board and on official website of the University of Sindh. We the officers and staff at directorate of admissions are very clear with our mission to work with full devotion and to provide complete support and guidance to the students throughout their admission process.

The Directorate of Admissions, University of Sindh has introduced following new systems since 2015:

Admission Management System (AMS):

AMS was designed in the year 2015 for admission of prospective students with new feature that is the selection of multiple degree programmes (called choices) under single admission form. Further it is a Network based Enterprise System that manages various statistical data reports, financial reports, selection lists, final admission lists and printing of Smart Student Identity Cards.

Online Admission Form Addition to AMS

Online Admission Form was designed and implemented from the year 2016 for the admission to Bachelor and Master Degree programmes. Using this feature the prospective students can submit their personal information, educational information, applied choices and the choice of campus from home etc. through official website https://usindh.edu.pk

Challan Management System (CMS) Addition to AMS:

From year 2016 and onwards computer generated admission challans were issued to the students of next higher classes and the fresh students selected in various Bachelor or Master Degree Programmes of Morning and Evening sessions. Since 2016, all computer generated admission fee challans contain a unique QR code which provide ease to compile the paid fees challans and save data in database through QR code reader/scanner.

In addition to that from the academic year 2019 and onwards the feature of submitting online admission forms along with uploading the scanned copies of the required documents, facility of downloading e-copy of the pre-entry test admit cards have also been incorporated in AMS.

From 2022 in order to facilitate the students of passing out batches we are determined to issue the computerized clearance Certificate (No Dues Certificate on account of admission fees) and e-copy of fees payment statement for the verification purpose etc.

Prof. Dr. Ayaz Keerio
Director Admissions

STAFF MEMBERS OF DIRECTORATE OF ADMISSIONS

NAME	DESIGNATION	NAME	DESIGNATION
Mr. Iftikhar Ahmed Narejo	Deputy Director Admissions	Mr. Ghulam Murtaza Halepoto	Junior Clerk-cum-Typist
Mr. Vikesh Kumar Rajani	Computer Programmer	Miss Shaista Baloch	Junior Clerk-cum-Typist
Mr. Atta Muhammad Bhutto	Assistant Director Admissions	Miss Huma Nawaz Khaskheli	Junior Clerk-cum-Typist
Mr. Aftab Yousif Pardesi	Assistant Director Admissions	Mr. Imran Hussain Rajar	Junior Clerk-cum-Typist
Mr. Ameer Bux Channa	Superintendent	Mr. Syed Zaheer Abbas Shah	Junior Clerk-cum-Typist
Mr. Muhammad Saleem Bhutto	Superintendent	Mr. Akram Zounr	Receptionist
Mr. Aijaz Ahmed Qureshi	Superintendent	**SUPPORTING STAFF**	
Mr. Syed Irshad Ali Shah	Senior Data Processing Officer	Mr. Mehar Ali Gopang	Driver
Mr. Ishtiaque Hussain Arbab	Assistant	Mr. Gul Muhammad Soomro	Peon
Mr. Nazar Muhammad Channa	Assistant	Mr. Manzoor Ali Narejo	Peon
Mr. Nooruddin Shaikh	Assistant	Mr. Atif Memon	Peon
Mr. Manzoor Ali Saharan	Senior Clerk-cum-Typist	Mr. Muhammad Saleem Narejo	Security Guard

GENERAL ACADEMIC AFFAIRS

ADMISSION PROCEDURE
&
REGULATIONS

ADMISSION SCHEDULE

Admission of students to programmes offered under various Faculties of the University is governed under the Regulations framed for this purpose (under Statute 29, Sub Sec.I, clause 'c' and 'd' of the University Act) specifying the pre-requisite qualifications etc., allocation of seats in each discipline on general merit as well as district- wise quota, reserved seats for the sons / daughters of the University employees and employees of the degree colleges affiliated to the University of Sindh, and for students from specially designated areas of the country. Seats available for fresh admission in various teaching departments/institutes/centres of the Faculties are enumerated faculty-wise.

ADMISSION SCHEDULE OF BACHELOR AND MASTER DEGREE PROGRAMMES – 2022

PROGRAMME	Master Degree Programmes	Bachelor Degree Programmes
Start of Admission Registration through Online Admission Web Portal	Monday 20.09.2021	
Last date of submission of Forms	Friday 22.10.2021	
Pre-Entry Test for Bachelor Degree Programme (Main Jamshoro and Sindh University all Campuses)	Sunday 06.11.2021	
Announcement of Result of Pre-Entry Test	Sunday 06.11.2021	
Announcement of **First Provisional Merit / Selection List** (Discipline wise)	Monday 15.11.2021	
Dates for filling of objection(s) (if any)	16.11.2021 To 18.11.2021	
Announcement of **First Provisional Merit / Selection List** (after removing objections)	20.11.2021	
Payment of Fees (Admission fees challans will be available on web portal) (Submission of documents Marks / Pass Certificates of Matriculation/ Intermediate and Domicile / PRC etc)	22.11.2021 To 26.11.2021	
Announcement of First Updated Provisional Merit/ Selection List **(Second Provisional Merit/ Selection List)**	29.11.2021	
Date for filling of objection(s) (if any)	29.11.2021	
Announcement of First Updated Provisional Merit / Selection List **(Second Provisional Merit/ Selection List)** (after removing objections)	30.11.2021	
Payment of Fees (Admission fees challans will be available on web portal) (Submission of documents Marks / Pass Certificates of Matriculation/ Intermediate and Domicile / PRC etc)	30.11.2021 To 03.12.2021	
Announcement of Second Updated Merit / Selection List **(Third Provisional Merit / Selection List)**	06.12.2021	
Date for filling of objection(s) (if any)	06.12.2021	
Announcement of Second Updated Merit / Selection List **(Third Provisional Merit / Selection List)** (after removing objections)	07.12.2021	
Payment of Fees (Admission fees challans will be available on web portal) (Submission of documents Marks / Pass Certificates of Matriculation/ Intermediate and Domicile / PRC etc)	07.12.2021 To 10.12.2021	
Announcement of Leftover Seats	07.12.2021	
Commencement of Classes	First Monday of January 2022	

A D M I S S I O N S   2 0 2 2   C L O S E

NOTE: i. Applicants applying for admission to BE Electronic Engineering and BE Telecommunication Engineering / Centre for Physical Education, Health and Sports Sciences / Institute of Art and Design Programmes and against sports seats will have to qualify field trial/ aptitude test before final selection. They should contact the Directors concerned.

INSTRUCTIONS

Please note that no any written communication will be made regarding selection. The list will be displayed on official admission webportal of University of Sindh (https://admission.usindh.edu.pk/) and notice board @ Syed Ghulam Mustafa Shah Administration Building (AC-II Building), University of Sindh as per schedule. Announcement will also be made on Newspapers. It can also be checked on the University website www.usindh.edu.pk Please also note that if **admission and other fees are not paid within the time prescribed, then the seat shall be alloted to the candidate next on merit list.**

Candidates registered them online by filling Registration Admission form and get challan online, on payment of cost of admission application processing fee, **@ Rs. 2500/- Per set (non refundable) through bank challan** in any HBL bank branch (es).

On Page 10 to 11 there is a list of options of disciplines in which admission is offered under various Faculties **on merit/ self finance (morning/evening basis)**; please select **Thirty** or less choices of disciplines you wish to study as mentioned on page 10 to 11 **in order of preference.**

EXAMPLE: - for Bachelor Dergee Programmes

01. BE (Electronic Engineering)	02. BBA (Hons.)
03. BS (Computer Science)	04. BS (Applied Linguistics)
05. BS (Chemistry)	06. BS (Economics)
07. BS (International Relations)	08. BS (Political Science)
09. BS (General History)	10. BS (Geology)
11. BS (Economics)	12. BS (Pakistan Studies)
13. BS (Islamic Studies)	14. BS (Muslim History)
15. BS (Commerce)	16. BS (Banking and Finance)
17. BE (Telecommunication Engineering)	18. BS (Genetics)
19.20.21……………………………………	30.

EXAMPLE: - For Master Degree Programmes

01. M.Sc. (Prev.) Computer Science	02. MBA (First Year)
03. MPA (Previous)	04. MA (Prev.) Applied Linguistics
05. MA (Prev.) International Relations	06. MA (Prev.) Arabic
07. MA (Prev.) Political Science	08. MA (Prev.) Sindhi
09. MA (Prev.) Economics	10. MA (Prev.) Urdu
11. MA (Prev.) General history	12. M.Sc (Prev.) Muslim History
13. M.Sc (Prev.) Statistics	14. M.Sc (Prev.) Geography
15. M.Sc (Prev.) Mathemetics	16. MA (Prev.) Persian
17. MA (Prev.) Philosophy	18. MA (Prev.) Islamic Studies
19.20.21……………………………………	30.

Subject to fulfillment of discipline requirements, merit and availability of seats, candidates will be accepted for any one of the programmes of their choice. Choice of subject for which applicant is not eligible will automatically stand cancelled.

MOST IMPORTANT

Candidates selected in any course of study, other than their first choice in either quota-oriented or general disciplines in FIRST MERIT LIST must deposit fees in time, if they want to be considered against WAITING LIST and if they are keen to seek admission in discipline higher up in preference order. Non- deposition of fees will deprive you of your candidature for it.

Candidates desire to retain the discipline/subject where they have been selected, they may do so by submitting acceptance in OWN handwritten application alongwith paid challan Rs. 200/- (two hundred) within the due date of that selection list positively.

Applicants for Admission at Sindh University Campuses at Badin, Mirpurkhas, Dadu, Larkana Thatta and Naushahroferoze should check the disciplines offered at these campuses before filling the online admission Form.

Completed web based printed admission form with rerquired documents and receipt of Rs. 2500/- fees of Online Admission application processing fee must be submitted.

Candidates seeking admission @ Sindh University Campuses, Badin, Mirpurkhas, Dadu, Larkana Thatta and Naushahroferoze will also have to submit the online admission form.

*Candidates applying against seats provided for admission **on Self Finance basis** need NOT to deposit any fee in advance. There is NO separate form for admission on Self Finance basis. They simply need to tick (√) the self finance option (□) given in online admission form.*

Please make sure that you select the appropriate boxes at the online admission form.

Documents to be submitted:

i) Pass and Marks Certificates of S.S.C. (Matriculation) examination, (attested photocopies).
ii) Pass and Marks Certificates of H.S.C. (Intermediate) Examination (Original and two Photocopies).
iii) Pass, Marks Certificates and Transcript of Graduation Examination (Original and two Photocopies).

vi) Computrize National Identity Card (CNIC) or copy of **"B"** form of Registration, if under 18 years of age (attested photocopies).

v) Two passport size recent photographs duly attested with CNIC number written on back side.

vi) Domicile certificate of applicant (or of father/ mother if the applicant is under 18 years of age and his/ her name is included in it)

vii) Permanent Residence Certificate (PRC) (attested photocopy and Original to be shown at the time of payment in case of admission to quota-oriented courses of study)

viii) Original Receipt of Rs.2500/- (Online Admission Form processing fee).

ix) All the A-level and O-level results should be submitted for equivalence calculation to the Inter Board Committee of Chairman, Islamabad (IBCC).

Note: **Original Pass, Marks and Transcript Certificates shall not be returned in any case.**

The candidates who apply for admission on the basis of forged/fake documents (detected at any stage even after admission finalized) shall be prosecuted under criminal law, besides cancellation of admission.

GENERAL REGULATIONS GOVERNING ADMISSION

a) All admissions shall be provisional until approved by the Vice Chancellor.

b) The Vice Chancellor may refuse admission to the University classes to any candidate without assigning any reason.

c) Any candidate who desires to seek admission in any course of study in the University must be a Pakistani National. Foreign nationals may be considered for admission when nominated/ recommended by the Ministry of Education/ Ministry of Finance and Economic Affairs Division, Government of Pakistan, Islamabad and HEC.

d) The marks certificates of pre-requisite examination of all the candidates/ students shall be verified from the concerned Boards/Universities. The documents verification fees, shall be charged from the students at the time of admission.

e) Candidate who has passed an examination from a University or a Board other than the University of Sindh or Board of Intermediate and Secondary Education, Hyderabad and Mirpurkhas shall have to obtain Certificate of Eligibility from the University of Sindh prior to his/ her admission to any class. However, the Registrar may issue a provisional admission certificate if he is satisfied that the applicant is _prima facie_ eligible for admission to this University, AT HIS/HER OWN RISK AND COST and on the condition that he/ she obtains a final certificate of eligibility within 30 days from date of admission.

f) No student shall at one time join or continue on roll of the two Teaching Institutes/ Departments/ Centres/ Affiliated Colleges of the University or any other University or affiliated college for two courses of study in the same or different Faculties. However, a Post-graduate student on roll of the University Teaching Institute/ Department/ Centre may join or continue a Post-Graduate Diploma course of the University and/ or the LLB course in a college affiliated to the University subject to eligibility. A student of Bachelor (Pass/ Hons.) course may join an undergraduate Diploma/ Certificate course of the University. Violation of the rule may lead to cancelation of admissions in all courses of study in which he/she is found enrolled.

g) Candidates admitted to any University class as a regular student shall **NOT** be eligible to appear at any University Examination as an **EXTERNAL CANDIDATE** simultaneously during his/her University studentship.

h) No student shall be re-admitted without the recommendation of the Dean of the Faculty concerned and prior permission of the Vice Chancellor in case his/her admission is cancelled due to any reason.

PRE-ENTRY TEST / LAW ADMISSION TEST (LAT)

Pre-Entry Test is mandatory for admissions to all Bachelor Degree Programmes excluding LLB (05 Years Degree Programmes) under all categories and LLM (Evening) of the University. All candidates seeking admission to any 05 Years/ 04 Years Bachelor (excluding LLB 05 Years Degree Programme) and LLM Degree Programme **whether as a regular student or under Self Finance scheme or on sports seats** or under employees' quota or any other quota except foreign candidates shall have to appear in the Pre-Entry test as per schedule. The test will be based on MCQs/Multiple Choice Questions.

Applicants desirous to get admission in LLB (05 Years Degree Programme), Law Admission Test (LAT) conducted by Higher Education Commission (HEC) is mandatory.

For candidates seeking admission to Bachelor Programmes the test shall be conducted from amongst following subjects studied at H.S.C level:

**Commerce, English, Chemistry, Biology, Mathematics, Physics, Islamic Studies, Pakistan Studies and General Knowledge (Sample test Paper available at University of Sindh Official Website).**

For candidates seeking admission to LLM Master Degree Programme, the Test paper shall have questions covering three components, viz. **English (25%), General Knowledge (15%) and relevant discipline field of Law (60%).**

For applicants of Sindh University Campuses Badin, Mirpurkhas, Dadu, Larkana, Thatta and Naushahroferoze, the Test will be conducted at the respective Campuses.

a. The merit for admissions shall be determined on the basis of Pre-Entry Test score as well as on previous academic record. However, candidates who shall not qualify the **Pre-Entry-Test** will not be considered for admission in any discipline.

The prospective students must secure 25 marks out of 100 marks (25%) for qualifying Pre-entry test for admission in any discipline (excluding LLB).

The weightage assigned to the Pre-entry test and previous academic record will be as under: -

	For Admission to	Bachelor	Master	LLM Degree Programme
i.	S.S.C.	10%	20%	05%
ii.	H.S.C. (adjusted marks)	30%	30%	05%
iii.	Bachelor Degree (adjusted marks)	---	50%	30%
iv.	Pre-Entry Test/Aptitude test	60%	----	60%

b. In case of improvers/ repeaters, marks shall be deducted as per rules from the total marks of the candidates in order to prepare the adjusted merit list. This deduction shall not alter the division/ grade of the candidates.

(i) 05 marks to be deducted if the candidate has appeared second time in H.S.C. Examination in order to improve his/ her Division/ Grade.

(ii) In case H.S.C. Examination has not been cleared within the minimum period required for passing the same after passing Matriculation Examination, every additional year or part of a year beyond this period shall be treated as candidate's attempt for the purpose of deducting marks irrespective of his/ her having not appeared in the examination in each year.

(iii) 05 marks shall be deducted from the total marks for the loss of each extra year or part thereof.

However, a maximum of 25 marks may be deducted.

(iv) Same rules shall apply if a candidate fails to clear Bachelor Degree Examination within the minimum period required for passing such examination after Matriculation Examination.

(v) 05 marks per year shall be deducted from the total marks if the candidate had not passed the pre-requisite examination in the preceding year.

ELIGIBILITY and OTHER RULES

a) A candidate who has passed H.S.C. Examination is eligible for admission to 05 years / 04 years Bachelor Degree Programme. No admission shall be allowed to a candidate who has passed the pre-requisite examination in **Third Division** from any Board or University.

b) A student of BS (First Year) class shall be allowed transfer from the University to a campus within three months from the last date of admission, but no transfer from campus to University is allowed.

c) The applicant would be considered for add/drop within one-week period after announcement of classes. No change of discipline shall be allowed afterwards.

d) The admissions to various Bachelor professional/ quota-oriented courses of study shall be made in accordance with the Regulations prescribed for the purpose.

e) The fairness, transparency and correctness in admissions will be monitored and enforced by a committee of senior Professors of the University appointed by the Vice Chancellor with Director Admissions as its Secretary. Pre-Entry Test will also be conducted under the supervision of this Committee.

f) Candidates who are interested in seeking admission in the **Institute of Art and Design** shall also have to take up **Aptitude Test** to be conducted by the Institute, as per schedule to be announced by the Director, Institute of Art and Design. Aptitude Test is also mandatory for admission to the **BS (PEHSS) First Year, BPEHSS and MPEHSS** courses of study. Candidates who are interested in seeking admission in the **BE Electronic Engineering and BE Telecommunication Engineering** shall also have to take up **Aptitude Test** to be conducted by the Institute, as per schedule to be announced by the Dean Faculty of Engineering and Technology.

g) A candidate who has already completed his/her course of study in a University Teaching Institute/ Department/ Centre leading to Bachelor (BS) / Bachelor (Pass) degree shall NOT be eligible for admission to another or second Bachelor course (except B.Ed./ BHPESS, and Post Graduate Diplomas) in the University Teaching Institute/ Department/ Centre.

h) A candidate who has already passed Bachelor (BS) / Bachelor (Pass) degree course examination from the University of Sindh or any other University shall NOT be eligible for admission to another Bachelor (BS) / Bachelor (Pass) course except B.Ed., BHPESS, and Post Graduate Diploma courses programmes.

i) **Admission on migration basis** from other Universities to this University shall be considered on the following grounds:

i)   The student has cleared all the subjects/papers of the last examination from the parent University.

ii) Parents of the student who are Government Officials are posted within the territorial jurisdiction of the University of Sindh.

iii) Admission on migration basis in any discipline will only be permissible under **Self Finance Scheme**.

REGULATIONS FOR ADMISSION TO BACHELOR DEGREE PROGRAMMES

a) A candidate who has passed the H.S.C. (Intermediate) Examination or an equivalent examination recognised by the University is eligible to seek admission to relevant Bachelor course provided that he/she fulfills the requirements of minimum percentage of marks and other conditions of admission as may be prescribed from time to time in each subject. The admission shall be purely on merit basis and subject to the availability of seats in the concerned subject/course of study and clearance of Pre-Admission Test.

Candidates with Diploma in Associate Engineering will only be considered for admission to the disciplines under the Faculties of Arts, Islamic Studies and Social Sciences.

b) Allocation of seats available for fresh admission for various Bachelor degree Programmes of general category is shown under each Faculty.

c) In general disciplines where seats are vacant and there is no candidate having the domicile and P.R.C. from the areas within the jurisdiction of the University of Sindh, then the same vacant seats be given to the candidates having the domicile and P.R.C. of Sindh Province outside the jurisdiction of Sindh University on **self finance basis**, if the number exceeds over and above the reserved seats provided **(Page 24).**

d) Every student must inform in writing his/her choice of the two minor/ supporting subjects to the Director/ Chairperson of the Institute/ Department in which admitted (Major subject) within one week from the commencement of teaching. The Director/ Chairperson will communicate the Minor subjects offered to the Controller of Examinations. No change of minor subjects will be allowed thereafter.

ADMISSION TO MASTER (PREVIOUS) DEGREE PROGRAMMES

a) A candidate who has passed the Bachelor's degree examination from this University or from any other University recognised by it, is eligible to seek admission to the MA /M.Sc./ M.Com./ MBA/ MPA (Previous) class provided that he/she fulfils the requirements of minimum percentage of marks and other conditions of admission as may be prescribed for each course of study from time to time. **Preference will be given to those candidates who have passed the examination in the same course of study at the Bachelor's level.** The admissions shall be purely on merit, determined on the basis of previous academic performance score and subject to the availability of seats in the concerned course of study.

b) A candidate who has passed B.Sc./ B. Com. (Pass) Examination is also eligible for admission to the MA (Previous) class if otherwise eligible.

c) Admission to MA Fine Art is open only to candidates who have passed BA Fine Arts (2-year degree).

d) A candidate who has passed the BA (Pass) Examination in English only after having passed the Oriental Languages Examination is eligible for admission to the MA (Previous) class only in English or in any of the subjects which he/ she offered at the Oriental Languages Examination if otherwise eligible, but the candidates who have passed the BA (Pass) Examination in English and other subjects after passing the Oriental Languages Examination will be treated at par with other BA (Pass) degree holders for seeking admission to various graduate (Masters) classes.

e) A candidate who has already passed MA / M.Sc./ M.Com./ MBA/ MPA/ MLIS/ M.Ed./ MA Education/ M. Pharmacy/ LLM or any other Post-graduate examination from the University of Sindh or from any other University, shall NOT be eligible for admission to a **second or subsequent Post-graduate degree course** in the University Teaching Institute/ Department/ Centre/ affiliated college.

However, admission to MBA (Evening) and M.Sc. (Criminology) Programme as a Second Master or subsqent degree, is permissible.

ADMISSION TO PROFESSIONAL AND QUOTA-ORIENTED COURSES OF STUDY

1. **Admission to the following courses of study shall be made on the basis of District-wise quota. (Resolved in 42nd meeting of the Academic Council)**

(i)   BBA (Hons.)
(ii)   BS Computer Science
(iii) BS Information Technology
(iv)   BS Software Engineering
(v)   LLB (5-Year Programme)
(vi)   Pharm-D (5 Years Programme)

2. (a) The District-wise allocation of seats for admission to the above courses of study at Jamshoro Campus, is shown in the following Table. **(Resolved in 42nd meeting of the Academic Council)**

#	District of Domicile	Total
01.	Hyderabad	04
02.	Tando Allahyar	02
03.	Tando Muhammad Khan	03
04.	Matiari	03
05.	Badin	02
06.	Thatta	02
07.	Sujawal	01
08.	Tharparkar	03
09.	Mirpurkhas	05
10.	Umerkot	02
11.	Sanghar	02
12.	Dadu	05

13.	Jamshoro	04
14.	Shaheed Benazirabad/Nawabshah	03
15.	Sukkur	04
16.	Ghotki	02
17.	Shikarpur	02
18.	Jacobabad	02
19.	Larkana	02
20.	Kambar / Shahdadkot	02
21.	Kashmore / Kandhkot	02
22.	Khairpur	02
23.	Karachi Division	01
24.	Naushahroferoz	02
	TOTAL	**62**

12.	Dadu	02
13.	Jamshoro	02
14.	Shaheed Benazirabad/Nawabshah	02
15.	Sukkur	01
16.	Ghotki	01
17.	Shikarpur	01
18.	Jacobabad	01
19.	Larkana	01
20.	Kambar / Shahdadkot	01
21.	Kashmore / Kandhkot	01
22.	Khairpur	01
23.	Karachi Division	01
24.	Naushahroferoz	01
	TOTAL	**35**

For distribution of District Quota seats at Badin, Mirpurkhas, Dadu, Larkana, Thatta and Naushahroferoze Campuses see Page No. 212, 214, 216, 218, 220 & 225 respectively

2. (b) The District-wise allocation of seats for admission to BE (Electronic Engineering) and BE (Telecommunication Engineering) at Jamshoro Campus, is shown in the Table.

#	District of Domicile	Total
01.	Hyderabad	03
02.	Tando Allahyar	02
03.	Tando Muhammad Khan	02
04.	Matiari	02
05.	Badin	02
06.	Thatta	02
07.	Sujawal	01
08.	Tharparkar	01
09.	Mirpurkhas	02
10.	Umerkot	01
11.	Sanghar	01

NOTE:

i. Candidates from all Districts of Sindh Province in excess of the number of seats shown in the Table may be accommodated under Self Finance Scheme in Quota-Oriented disciplines on merit basis.

ii. Selection for the districts shall be made on merit basis amongst the eligible applicants of the same district only.

iii. In addition to this *quota* allocation, the seats as specified under "**RESERVED SEATS**" are also reserved for various categories of the candidates, provided such candidates possess the minimum prescribed qualification.

iv. The allocation of *seats* has been **DOUBLED** for the purpose of admission to BBA (Hons.) and 05 years Law (LLB) Degree Programmes.

v. Ten seats, five for male and five for female are reserved for admission to BBA (Hons) for the applicants who have passed H.S.C. in Commerce Group.

vi. Ten seats, five for male and five for female are reserved for admission to MBA (4-year) for the candidates who have passed B.Com. (Pass) examination.

Filling-in of the left-over seats of quota- oriented courses of study

(i) There shall be **no reallocation of the vacant seats from one district to another.**

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(ii) The left-over seat(s) from the categories of reserved seats shall be filled-in by selecting the immediate next candidate(s) from the waiting list.

(iii) The left over seat(s) because of non-payment of fees, if any, within prescribed time limit, the seat(s) shall be filled-in as per procedure prescribed therein and the selected candidate(s) whose seat(s) has/ have fallen vacant due to non-payment of fees, if any, for whatever reasons, shall **NOT** claim the admission and shall **NOT** challenge the admission of any other candidate, selected in his/ her place in the particular or any other quota- oriented course or general course of study mentioned by him/her in the Online Admission Form.

(iv) The candidate(s) selected against left over seat(s) as in (iii) above, **shall deposit the fees, if any, within due time** from the date of announcement of the Selection list. In case, he/she too fails to make the payment of fee, if any, within time limit allowed to him/her, he/she shall lose his/her admission.

(v) Candidates seeking admission to **Quota-oriented courses of studies** must submit their Domicile Certirficate, or parent's domicile if under 18 years of age and Permanent Residence Certificate.

ALLOCATION OF RESERVED SEATS

1. SEATS ALLOCATED FOR CANDIDATES FROM LARKANA, SUKKUR AND KARACHI DIVISIONS (OUT OF JURISDICTION) ON OPEN MERIT

Fifteen seats are reserved in each general discipline/ subject of Bachelor and Master Degree Programmess for candidates from Larkana, Sukkur and Karachi divisions. The applicant will have to appear and qualify Pre-Entry Test. (**Resolved in 42ⁿᵈ meeting of the Academic Council).**

2. FEMALE QUOTA

Twelve seats in each degree programme (excluding BE Electronic Engineering and BE Telecommunication Engineering) are reserved for female candidates, domiciled within the jurisdiction of Sindh Province. (**Resolved in 42ⁿᵈ meeting of the Academic Council).**

The applicant shall be in the first instance, considered alongwith other candidates on general/ district-wise merit and thereafter Female Quota seats shall be filled in according to merit and first preference.

3. SPORTS QUOTA

2% seats are reserved for admission on sports quota in each discipline of Bachelor Programme excluding BE (Electronic Engineering) and BE (Telecommunication Engineering) whereas one seat in each discipline is reserved for Master Programme.

Applicants for admission against sports quota seat have to tick mark (√) the relevant box (☐) in the online admission form. They have to qualify Pre-Entry Test + Sports Trial. Applicants will have to appear in sports trial for selection. Applicants qualifying Pre-Entry Test and Sports Trial will be evaluated on the basis of their merit/ participation in competitions at various levels.

4. SEATS FOR DISABLED PERSONS

One seat in each course of study (excluding BS Electronic Engineering and BS Telecommunication Engineering) is reserved for Disabled persons, domiciled within the jurisdiction of Sindh Province.

The box of **"Disabled Persons' Quota"** be marked (√) in the Online Admission Form. Attested Photostat copy of the Medical Certificate issued by the Medical Board constituted by the Government, must be attached with the Admission Form.

5. SEATS FOR REAL SONS AND DAUGHTERS OF THE EMPLOYEES OF THE UNIVERSITY OF SINDH

Ten seats are reserved in each course of study (excluding BE Electronic Engineering, BE Telecommunication Engineering and LLB 5-year) for the real sons and daughters of the employees of the University of Sindh including employees at the Pakistan Study Centre and Area Study Centre Far East and South East Asia. If any seat of sons/ daughters remained unutilized then Real brother/ sister can also be considered against them.

For the purpose of this facility, an employee means a regular employee with minimum of two years' service, retired, deceased or confirmed employee maintaining lien/ deputation/leave with the University. The employees who have resigned or were terminated or dismissed, shall not be considered.

The applicants under this category should mark (√) **"S.U Employees Quota"** box in the Online Admission Form.

NOTE: All applicants under this category must fulfill the **minimum requirement of Pre-entry test,** qualification and percentage of marks, to be selected from amongst themselves on merit.

The applicant should attach service certificate from the employer in respect of his/ her father/mother, showing the name, cast/surname of the employee as well as the period of service, issued by the Additional Registrar, University of Sindh.

6. SEATS FOR REAL SONS AND DAUGHTERS OF THE EMPLOYEES OF GOVERNMENT DEGREE COLLEGES AFFILIATED TO UNIVERSITY OF SINDH

Two seats in each course of study (excluding BE Electronic Engineering, BE Telecommunication Engineering) are reserved on reciprocal basis for real Sons and Daughters of the regular Employees of the Government Degree Colleges and Government Law Colleges affiliated to University of Sindh.

The applicants under this category should mark (√) **"Affiliated Colleges Quota"** box in the Online Admission Form.

NOTE: Admission to any discipline under the category of "seats for the employees of the affiliated Colleges to the University of Sindh" will be considered on production of the service certificate as per following proforma.

Certified that Mr./ Miss _____ S/O, D/O _____ presently working as _____ is a regular employee of this college. His/ Her date of entry in the College service is _____. His/Her service in the College is more than 2 years. The candidate Mr./ Miss _____ S/O, D/O _____ is his/her real son/ daughter.

_____   Countersigned by

Signature of the Principal   Director of College Education/ Dean, Faculty of Law
Official Stamp   Official stamp

7. SEATS RESERVED FOR REAL SONS AND DAUGHTERS OF THE EMPLOYEES OF NATIONAL CENTRE OF EXCELLENCE IN ANALYICAL CHEMISTRY

Two seats are reserved only for the real sons and daughters of the employees of National Centre of Excellence in Analytical Chemistry of the University of Sindh on merit basis. Service Certificate of the employee issued by the Director of National Centre of Excellence in Analytical Chemistry on the following proforma shall have be attached with the admission form.

The applicants under this category should mark (√) **"NCEAC Quota"** box in the Online Admission Form.

Certified that Mr./Miss_____ S/O, D/O _____ presently working as _____ is a regular employee of this Centre. His/ Her date of entry in the service is _____. His/Her service in the Centre is more than 2 years. The candidate Mr./ Miss _____ S/O, D/O _____ is his/her real son/ daughter. _____

Signature
Director, National Centre of Excellence in Analytical Chemistry, University of Sindh
Official Stamp

NOTE: Admission to any discipline under this category will be considered on production of the service certificate as per proforma.

8. SEATS FOR NOMINEES OF PUNJAB, KHYBER PAKHTUNKHWA, BALOCHISTAN, GILGIT/BALTISTAN, FATA and AZAD JAMMU and KASHMIR

Nominees of Punjab Province

- **One** seat in any discipline under Bachelor Degree Programmes
- **One** seat in any discipline under Master Degree Programmes

Nominees of Balochistan Province

- **Two** seats in any discipline under Bachelor Degree Programmes
- **Two** seats in any discipline under Master Degree Programmes

Nominees of Khyber Pakhtunkhwa Province

- **One** seat in any discipline under Bachelor Degree Programmes
- **One** seat in any discipline under Master Degree Programmes

Nominees of Gilgit/Baltistan

- **One** seat each in MBA (4 Year Degree Programme), MBA (Evening), MBA (Hons.), M.Sc. (Criminology), M.Sc. (Computer Science), M.Sc. (Chemistry), M.Sc. (Physics), M.Sc. (Environmental Science), MA (English Language and Literature), B.Ed. (Secondary) 1.5 year and B.Ed. (Secondary) 2.5 year.

(Applications for admission alongwith academic documents must be channeled through the Director of Education, Government of the concerned Province.)

(Reference: No.SO(U) U&B/Misc./Res.Seats/GB-AJK/2020/664 Dated: 29-10-2020)

Nominees of Azad Jammu and Kashmir Government

- **One** seat in any discipline under Bachelor Degree Programmes (Morning)
- **One** seat in any discipline under Bachelor Degree Programmes (Evening)
- **Two** seats in any discipline under Master Degree Programmes (Morning)
- **Two** seats in any discipline under Master Degree Programmes (Evening)

(Applications for admission alongwith academic documents must be channeled through the Director of Education/ Chairman Nomination Board, Muzaffarabad, A.J.K.)

(Reference: No.SO(U) U&B/Misc./Res.Seats/GB-AJK/2020/664 Dated: 29-10-2020)

Nominees of Federally Administered Tribal Areas (FATA)

5% Seats, in addition to the following are reserved for students from FATA areas under the ECNEC special Programme. Selection of the candidates is to be conducted by the HEC

RESERVED SEATS FOR FATA

#	PROGRAMME	Seats
i)	BBA (Hons.) First Year	2
ii)	MA (Previous) English	4
iii)	MA (Previous) General History	2
iv)	MA (Previous) Islamic Culture	2
v)	M.Sc. (previous) Chemistry	2
vi)	M.Sc. (Previous) Statistics	2
vii)	M.Sc. (Previous) Zoology	2
viii)	BPEHSS (Evening)	2
ix)	MPEHSS (Evening)	2
x)	B.Ed.	2

(Applications for admission must be channeled through the Ministry of Interior, States and Frontier Regions Division, Government of Pakistan, Islamabad.)

9. SEATS RESERVED FOR WARDS OF SHUHADA WAR WOUNDED SERVING AND RETIRED ARMED FORCES PERSONNEL.

One seat in each discipline for the Bachelor/Master Programmes is reserved for wards of Shuhada war wounded serving and retired armed forces personals candidates to be nominated by Director, Welfare and Rehabilitation Directorate, General Headquarters, Rawalpindi. The nominees will have to qualify Pre-Entry Test.

10. SEATS RESERVED FOR ARMY PERSONNEL (ONLY FOR MASTER'S DEGREE PROGRAMMES)

Two seats are reserved for Army Personnel in the following disciplines for Masters' degree Programme:

Chemistry, Geography, Mathematics, Statistics, Economics, English, International Relations, Mass Communication, Political Science, Psychology and Criminology.

11. SEATS ON SELF FINANCE BASIS

Twenty-five percent seats are available in all courses of studies on self finance basis for candidates domiciled in Sindh. For candidates from other provinces of Pakistan including FATA and Azad Kashmir, five **(05)** seats are reserved in each courses of studies (except Doctor of Pharmacy (Pharm-D) where only **(02)** seats will be allowed and BE Electronic Engineering, BE Telecommunication Engineering where only **(01)** seat will be allowed in each discipline). The fee structure for candidates from other provinces under this category is shown in the fees Structure. Candidates for Admission on **Self Finance** basis will also **have to qualify the Pre-Entry Test**. *No advance payment of Admission fee is required.*

12. NOMINEES OF PHARMACEUTICAL INDUSTRY

Two seats for nominees of Pharmaceutical Industries are reserved in Pharmacy discipline on **Self Finance Basis,** at the rate of fees charged from foreign nationals.

13. SEATS RESERVED FOR FOREIGN NATIONALS

The University allows admission to a limited number of foreign national students in various disciplines for Bachelor and Master Degree Programmes, at the recommendations/ nominations by the Ministry of Education/ Ministry of Finance and Economic Affairs, Government of Pakistan, under Pakistan Technical Assistance Programmes as well as on Self Finance basis.

a) **Seats reserved for Foreign Nationals under Pakistan Technical Assistance Programme,**

10 Seats are reserved for admission to Pharm-D under this Programme for foreign students.

b) **Seats Reserved for Foreign Nationals on Self Finance Scheme.**

- **25** (Twenrty five) seats are reserved in each course of study of the University, excluding BE Electronic Engineering, BE Telecommunication Engineering where only one seat in each discipline is reserved for foreign Nationals nominated by the HEC, Islamabad.

- **10** (Ten) seats in Pharm-D (Evening) Programme are reserved for foreign Nationals nominated by the HEC, Islamabad.

- **03** (Three) seats are reserved for Thai Muslim candidates, two for students @ Master level and One for teacher at M.Phil./ Ph.D. level.

CURRICULA ORGANISATION AND DESCRIPTION

The University of Sindh offers degree Programmes through the teaching Institutes/ Departments/ Centres functioning under the Faculties of Arts, Commerce and Business Administration, Education, Islamic Studies, Law, Natural Sciences, Pharmacy and Social Sciences.

The Programmes, their pre-requisites and requirements for the degree are specified as under:

(1) The requirement for the BS (04-Years) degree under the **Faculty of Arts** (except Art and Design), **Faculty of Islamic Studies** and **Faculty of Social Sciences** with curricula organised as under:

A. Compulsory Courses,   4-Semester
   i) English
   ii) Pakistan Studies
   iii) Islamic Studies or Ethics for Non-Muslim
   iv) Urdu/ Sindhi/ Additional English in lieu of mother tongue
B. Elective courses- discipline- in which Majoring   8-Semester
C. Supporting Minors: 2 courses (in each semester)   4-Semester

The two supporting Minor courses are to be offered from amongst the under-mentioned Group A and B, one from each group and excluding the discipline offered as Major. The students must give in writing their choice of minor subjects, within one week of commencement of classes, to the Head of the concerned department to which admitted:

Group "A"		Group "B"	
Home Economics	Economics	Health and Physical Education	Psychology
Political Science	International Relations	Sociology	Social Work
Media and Communication Studies	General History	Library and Information Science	Public Administration
English	Sindhi	Philosophy	Muslim History
Urdu	Arabic	Religion	Islamic Culture
Persian	Statistics	Fine Arts	Functional Mathematics
Rural Development Studies		Gender Studies	

The general Pre-requisite qualification for admission to the Bachelor degree Programmes under these Faculties is H.S.C. with Arts/ Science/ Commerce **OR** Home Economics groups.

(2) For the 4-Year (8- Semester) Bachelors degree Programmes under the **Faculty of Natural Sciences**, the requirement is not more than 146 credit hours, with curricula organised as under:

A. General Education Requirements,   4-Semester
   i) English
   ii) Pakistan Studies
   iii) Islamic Studies or Ethics for Non-Muslim
   iv) General Maths
   v) Environmental Science
   vi) Statistics and Computer Skills
   vii) Civilization
B. i) Elective: **Major** discipline   8-Semester
   ii) Supporting Minors, I and II courses during 1st to 4th semester to be offered in consultation with the Director/ Chairperson of the Institute/Department in which majoring, as per combinations listed below:
C. Free choice Elective subjects e.g., Fine Arts, (not yet implemented) Psychology, Sociology, Philosophy

Table: Major subjects and disciplines offered as supporting Minor Courses.

Major	Minor-I	Minor-II (any one)
Botany	Zoology	Chemistry/ Bio-Chemistry/ Fresh water Biology/ Physiology
Chemistry	Physics	Botany/ Fresh Water Biology & Fisheries/ Physiology/ Zoology
Fresh Water Biology and Fisheries	Zoology	Chemistry/ Bio-Chemistry/ Physiology
Genetics	Chemistry	Botany/ Physiology/ Microbiology/ Zoology
Geography	Geology	Statistics/ Chemistry Botany/ Zoology
Geology	Applied Mathematics/ Statistics	Physics/ Geography/ Chemistry/ Botany/ Zoology/ Microbiology

Mathematics	Applied Mathematics	Chemistry/ Geology/ Physics/ Geography
Microbiology	Physiology	Biochemistry/ Biotechnology/ Zoology
Physics	Applied Mathematics/ Statistics	Chemistry/ Geology
Physiology	Bio-Chemistry/ Microbiology	Biochemistry/ Botany/ Zoology
Psychology	Statistics/ Physiology	Biochemistry/ Chemistry/ Physics
Statistics	Computer Application	Economics/ Business Administration/ Public Administration
Zoology	Botany	Chemistry/ Fresh Water Biology/ Biochemistry/ Physiology

Note: *The students must give in writing their choice of minor subjects, within one week of commencement of classes, to the head of the concerned institute/ department to which admitted.*

(4) For the 05 Years (10 Semesters) **Pharm-D** degree under the **Faculty of Pharmacy**, the minimum requirements are 198 credit hours, with curricula organised as under:

    a.   General Requirements   11 CH

    b.   Professional Requirements   187 CH

    The 05 Years (10 Semesters) **Law** degree **(D. Juris)** under the **Faculty of Law,** requirement is 180 CH

(5) The Faculty of Commerce and Business Administration offers **04 Years (08 Semesters) BS Commerce and BBA (Hons.) Programmes** followed by 02 Years **MS Commerce and MBA (Hons.)** Programmes, equivalent to MS/ M.Phil. in these disciplines.

    i)   BS Commerce 08 Semesters Programme   136 CH

    ii)   BBA (Hons) 08 Semesters Programme   136 CH

    iii)   MBA (Hons) 04 Semesters Programme   36 CH

    iv)   MBA 04 Years Programme   96 CH

    v)   MBA (Evening) 06 Semesters Programme   69 CH

COURSE DESCRIPTION

The curricula organizations for all the Bachelor and Master degree Programmes under various Faculties are listed in this section, under respective Faculties. **Details of the courses are available with the concerned department/ course teachers.** Details of Lab. courses (Practicals/ Fieldwork in Natural and Social Sciences) are also available with the course teacher concerned.

The relevance of course numbers to level of Programmes has been specified under Semester Regulations and is however summarised here for convenience and identification of the level of Programme.

a.   **Bachelor Programmes**

300-309   General education'/ compulsory courses offered during **first and second** semester.

310-319   Major discipline courses to be offered during **first and second** semester.

320   Supporting Minor-I of 04 years BS

350-319   Supporting Minor courses to be offered during **first and second** semester.

400-409   Courses offered under 'General education'/ compulsory during **third**and **fourth** semester.

410-419   Major discipline courses to be offered during **third and fourth** semester.

420   Supporting Minor-II of 04 years BS

450-499   Supporting Minor courses to be offered during **third and fourth** semester.

500-599   Courses to be offered during **fifth and sixth** semester of the 04 years/03 years. Bachelor Hons.Programmes including Third Professional Pharm-D and 5-year LLB

600- 699   7th and 8th semester of the 04 years Bachelor degree Programmes.

700- 799   9th and 10th semester Pharm. D. courses of the Final Professional under the Faculty of Pharmacy and for 05 years Law degree Programmes.

b.   **Bachelor of Education and PEHSS**

Bachelor of Education/ Physical Education Health and Sports Science Programmes is identified by course nos. **500 to 599**.

c.   **Masters (02 Semesters) Programme of Art and Design**

Master (two semester) Programme courses after 08 semesters Bachelor degree of the Institute of Art and Design are numbered 700**- 799**.

d.   **Masters (4/6 Semesters) Programme**

Course numbers **500 to 699** identify **04 semesters** Masters Regular Programmes after 02 years Pass Bachelor degree as well as **06 semesters** Masters Evening Programmes.

e.   Under the **04 semesters** Master Programmes in general and basic sciences disciplines, students will study courses numbered **500- 599** during First year (*Previous, First and Second Semesters)* and courses numbered **600-699** as for *(Final year, Third and Fourth Semester).*

NOTE: Courses for some of the Programmes are not in conformity with the numbering scheme outlined above. The revision of these courses is in hand.

SEMESTER REGULATIONS

Duration of Semester

The academic session is divided into two semesters. The first semester commences from January with the exams in May and the second semester is observed from August to December. The duration of each semester shall be 18 weeks; out of this period sixteen weeks shall be the actual teaching time.

Duration of Bachelor (Undergraduate) Degree Programmes

All the Bachelor degree Programmes under the Faculty of Natural Sciences, Social Sciences, Islamic Studies, Arts, Commerce and Business Administration as well as Education (only B.Ed. Elementary) are of **four years (08 semesters) duration** after successful completion of Higher Secondary Certificate or equivalent examination, **Pharm-D (Doctor of Pharmacy)** and **LLB (Law) Programmes are of 05 years (10-semesters) duration.**

Duration of Master Degree Programmes

The Master Degree Programmes are generally of two years (four-semester) duration, offered including all Programmes where minimum pre-requisite is Bachelor (Pass) degree background.

Graduates with 04 years Bachelor degree in any discipline under Faculties of Arts, Commerce and Business Administration, Education, Islamic Studies, Natural Scienceand Social Sciences may directly join the MS/ M.Phil. degree Programmes.

Course Weightage-Credit Hour

Each course carries certain credit hours assigned to it. One credit hour (C.H.) for a particular course is generally to be considered as fifty minutes (one period) of teaching per week. The number of credit hours indicates weightage of the course compared to other courses and also reflects number of hours of teaching of that course per week. Thus a course of 3 credit hours would mean a total of 3x16= 48 (credit hours assigned to the course multiplied by the number of weeks of semester) hours of actual teaching of that course in a semester. Laboratory course (Practical) up to 6 hours' duration conducted once a week is assigned 1 C.H.

The credit hours are generally assigned as shown hereunder: -

English and other 'General Requirements' courses		2-3 C.H. each course per semester
All supporting Minor courses in Arts		3 C.H. each course per semester
All supporting Minor courses in Science	Theory	2 C.H. each course per semester
	Lab. (Practical)	1 C.H. each course per semester
All courses of discipline in which Majoring		
For Arts/ Commerce and Business Administration/ Islamic Studies		3-4 C.H. each course per semester
For Natural Science	Theory	3-4 C.H. each course per semester
	Lab. (Practical)	1 C.H. each course per semester

Master's level or graduate theory courses are generally assigned 3/4 C.H. weightage and laboratory (Practical) are assigned 1 C.H. up to 3 hours/ 6 hours' duration per week respectively

CREDIT HOUR REQUIREMENTS FOR VARIOUS DEGREE PROGRAMMES

a)	(i)	4 Years Bachelor degree in Faculty of Arts and Faculty of Islamic studies	138	C.H.
	(ii)	4 Years Bachelor Programmes in all disciplines under Natural Science and Social Science	130-136	C.H.
	(iii)	4 Years BS Commerce from 2007 onward	136	C.H.
	(iv)	4 Years BBA (Honours) from 2007 onward	136	C.H.
	(v)	5 Years (10 Semesters) Pharm-D (Doctor of Pharmacy) Programme	198	C.H.
	(vi)	5 Years (10 Semesters) Bachelor of Law (LLB) Programme	180	C.H.
b)	(i)	Master's degree Programme after 2 Years Bachelor (Pass) (other than those specified below)	66	C.H.

	(ii)	MBA (Hons) 2 years after 4-Year BBA (Hons)	36	C.H.
	(iii)	MBA (4 years) after 14 Years education e.g. BA, BSc, B.Com	96	C.H.
	(iv)	MBA (Evening) 6-Semesters	69-72	C.H.
	(v)	M.Sc. Computer Science	72	C.H.
	(vi)	MCS in Computer Science	60	C.H.
	(vii)	BHPESS / MHPESS, B.Ed. (Secondary)	40	C.H.
c)	(i)	Postgraduate (Post Bachelor) Diploma (PGD) in Information Technology / Computer Science	38-40	C.H.

NUMBERING OF COURSES

The courses listed under various Programmes have been numbered as under. The notation prefixed with the numbers would indicate the discipline e.g., IR for International Relations:

300-309	General education'/ compulsory courses offered during first & second semester.
310-319	Major discipline courses to be offered during first & second semester.
320-330 & 350-399	Supporting Minor courses to be offered during first & second semester.
400-409	Courses offered under 'General education'/ compulsory during third & fourth semester.
410-419	Major discipline courses to be offered during third & fourth semester.
420-430 & 450-499	Supporting Minor courses to be offered during third & fourth semester.
500-599	Major discipline courses to be offered during fifth & sixth semester of BA/B.Com./BBA Hons. Programmes & BS Part-III courses.
500-599	Courses to be offered during first & second semester of Master's (Pass) degree Programme after Bachelor Pass Degree & First & Second semester of B.Ed./ B.H.P.Ed./ P.G. Dip. Programmes.
600-699	Courses to be offered for 7th & 8th Semester of the 4-year Bachelor of Science Programme where offered & or Fourth-year of Pharm-D.
600-699	Courses to be offered for first & second semester of Masters Programmes after Honours degree as pre-requisite & Third & Fourth semester with Bachelor (Pass) background as well as BS Final (7 & 8th) Semester.

700-799	Courses to be offered for first & second semester (5-year) of Pharm-D & D-Juris, also MS/ M.Phil Courses.
800-849	Courses to be offered for MS/ M.Phil/ M.Pharm.
850-890	M.Phil/ Ph.D Thesis.

Fractionalized Grading Policy / Grade Equivalence

In pursuance of Resolution No.1 (4), resolved at Online Special Meeting of the Syndicate held on 05.08.2020, the following grading policy shall be implemented for all programmes running under Semester System at University of Sindh, Jamshoro from Academic Year 2021 (2K21 Batch).

Status	Grade	Grade Points	Percentage obtained in a Semester System	Grade Designation
Pass Grades	A+	4.0	85-100	Very Good
	A	3.6	80-84	
	B+	3.2	75-79	Good
	B	2.8	70-74	
	C+	2.4	65-69	Satisfactory
	C	2.0	60-64	
Improved Grades	D+	1.5	55-59	Conditional Pass
	D	1.0	50-54	
Fail	F	0.00	Below 50	Fail

Quality Point (Q.P)/ Grade Point

The University of Sindh runs maximum CGPA on Grade Numerical Value/Scale 4. The quality point of the performance of a student is obtained by multiplying the numerical value of the grade earned by a student with the credit hours of that course, e.g., a 'B+' grade in a course of 3 CH would earn $3.2 \times 3 = 9.60$ Q.P and a 'D' grade in the same course earns $1 \times 3 = 3$ Q.P/ G.P.

Grade Point Average (G.P.A)

Grade point Average is an expression for the average performance of a student in the courses he/she has offered during a particular semester. This is calculated by adding the quality points of all the courses taken, divided by the total number of Credit hours offered:

(G.P.A) = Sum of Quality Points / Sum of the Credit Hours

Cumulative Grade Point Average (C.G.P.A)

The Cumulative Grade Point Average (C.G.P.A) is the expression describing the performance of a student in all semester is determined by the following way:

(C.G.P.A) = Sum of Quality Points for all the courses appeared / Sum of the Credit Hours for all the courses appeared.

1. *GPA 2.00 or above is to be scored for successful completion of the courses offered in one or two semester or at the end of the entire Programme, provided there is no failing grade in any course.*

2. *GPA 1.75 on the other hand qualifies for promotion from Second to Third or Fourth to 5th and so on although failing or having scored 'D' grade in some or all courses.*

3. *With GPA less than 1.75 a student does not qualify for promotion to next higher semester.*

CGPA REQUIRED FOR THE COMPLETION OF UNDERGRADUATE AND GRADUATE DEGREE

a) For completion of the degree, the minimum qualifying CGPA for undergraduate Bachelor and Master Degree programmess is 2.00.

b) In case a student secures less than 2.00 CGPA (minimum qualifying CGPA) at the end of final Semester, s/he may be allowed to get improve in one or more courses, in which his/her Grade is below C, along with the forthcoming semester, provided that s/he is not debarred under the CGPA Improvement Regulation and time duration specified for the programmes.

Evaluation

i. The course teacher will conduct mid-term and final semester tests. Mid-term will carry 30 marks and will be of one-hour duration.

   The final semester test will be of 50 marks and of 2 hours' duration with 8 questions (5 to be attempted).

ii. There will be no Mid-term and final Semester tests for Lab. courses. The evaluation of Lab course will be based on performance in Lab and completion of Lab requirements.

iii. The marks of the mid-term tests as well as the final semester tests should be announced in the class by the respective course teachers. The results should also be put up on the department's notice board immediately after evaluation is completed within **ten days** from the conduct of the tests. Copies of award lists of the mid-term tests/ final semester tests should be deposited duly signed by the concerned course teacher in the department's office. Three copies of the award list will be sent to the Controller of Examinations countersigned by the concerned Director/ Chairperson.

iv. The students will use their roll/ seat numbers on their test scripts/ answer books. The award lists to be prepared by the teachers should also bear names of the students and their father.

v. The cumulative results of both the semesters of the academic session as well as final result of the Programme will be announced by the Controller of Examinations. The final Transcripts and marks sheets/ Transcript will also be issued on payment by the Controller of Examinations office.

vi. The course teacher will return the scripts of mid-term and final semester tests to department's office after evaluation. The course teacher will initial and/ or cross out unutilised space/ gap on page(s) of the scripts/ answer books at the end of paper.

Student Grievances against Course Instructor/ Grade Appeal

a) All the departments/Institutes/campuses will have a Five-member Committee constituted of 02 senior faculty members, relevant Head of the department and Dean headed by Controller of Examinations to redress the grievances of the students about any course instructor or grades or for any other issue.

b) In respect of grade, a student must submit the grievance application if any, in writing to the Head of the Department within (07) seven working days of the receipt of the grade. The Head of Department shall forward the grievance application to the Committee. It will be mandatory for the Committee to hear both sides (student and the instructor) and will give its final decision within (05) five working days or before the start of registration for the new semester, whichever comes earlier. The decision of the Committee will be deemed final and will be binding on all parties.

c) A Departmental Committee headed by the Chairman/ Senior Faculty Members will be constituted to check randomly a few answer papers of the final semester examination for uniformity of scoring & covering of the course content.

Departmental Committees

There shall be a Departmental Committee in every institute/ department, mainly to oversee the evaluation of tests and hear Grade appeals.
The Committee shall comprise: -
Three senior most teachers including the Director / Chairperson of the Institute/ Department/, who will also be the chairperson of the Committee. In case the appeal is being made against concerned course teacher or Chairperson himself/ herself, he/she will not be the member of the committee. In case the appeal is made against the Chairperson as course teacher then the meeting of the committee shall be presided over by the concerned Dean.
In addition to hearing appeals in connection with the Grade evaluation by course teachers, this Committee would ensure strict observance of published semester schedule, particularly with respect to tests and examinations and declaration of results.

Attendance

a. Attendance in classes is mandatory especially in a semester system.
b. Overall minimum 75 % attendance in a programmes is required to appear in the examination of that programmes. (Condonation may be limited to 70%)
c. The instructor may report a student's absences and the student may be placed on attendance probation by his/her dean/HoD and it will be notified by the department.
d. A student may be dropped from the University for violating the terms of such probation.

Rules for Promotion

The promotion from the first semester to the second or from the third to the fourth or from the fifth to the sixth semester or 7th to the 8th and 9th to 10th etc. will be automatic made as per provisions listed below

i. The student must meet the minimum requirement of 75% attendance in that semester.
ii. For the promotion from the second semester to the third and fourth to fifth and sixth to seventh or 8th to 9th etc. semester, a student must have (a) minimum attendance of 75 % and (b) a GPA of 1.75 or above, in the preceding two semesters.
iii. If a student fails to meet attendance requirements in any semester, he / she is liable to lose his / her seat and will not be allowed to appear in that semester examination and has to seek fresh admission in the next session in the same class, as explained here under: -
a. If a student fails to meet the minimum attendance requirement during First semester, he/she will not be allowed to appear in the First semester examination and will not be promoted to the second semester. He/She has to seek fresh admission in the next academic session in the same class for which he will be allowed re-admission without competing with other applicants.
b. If a student reaches the second semester after completing all the requirements of minimum attendance and GPA but fails to meet the minimum attendance during the second semester, he/she will not be allowed to appear in the second semester examination. However, he/ she can appear as an ex-student at the immediate next session in the second semester when the examination of that semester is held.
c. The same procedure will be repeated for succeeding semesters in case of shortage of attendance.
iv. A student who secures less than 1.75 CGPA in the preceding two semesters, (i.e. First and Second or Third and Fourth or 5th and 6th or 7th and 8th, 9th and 10th);

he/ she will not be promoted to the next semester (Third /5th/ /7th//9th), however, the student may reappear as an ex-student at the immediate next session in the respective semesters to improve his GPA when the examination of that course(s) is conducted in which he/she is failing or has scored poorly.

v. **Rules for Promotion for LLB and LLM Programmes.**

   ➤ **LLB 2K17 onwards batches**

   a. From odd to even promotion will be automatic. For this purpose, it is not necessary to secure 2.00 GPA
   b. For Promotion from even to odd 2.00 GPA is required.
   c. Any student fails in one or more subjects but securing 2.00 CGPA will be promoted in next higher class.
   d. 2.00 CGPA is required to get degree of LL. B
   e. Candidate can improve only subject of D grades.
   f. Students of LL. B are required to pass all the subjects of LL. B within 8 years from the date of admission.

   ➤ **LLM 2K17 onwards batches**

   a. From odd to even promotion will be automatic. For this purpose, it is not necessary to secure 2.00 GPA.
   b. For Promotion from even to odd 2.00 GPA is required.
   c. Any student fails in one or more subjects but securing 2.00 CGPA will be promoted in next higher class.
   d. 2.00 CGPA is required to get degree of LLM
   e. Candidate can improve only subject of D grades.
   f. Students of LLM are required to pass all the subjects of LLM within 5 years from the date of admission

vi. **For the award of degree the student must have a minimum CGPA of 2.0 without any failing grade.**

vii. whereas a student failing in 4-year BS Commerce / BBA (Hons.) examination shall not be allowed to seek admission in MS Commerce/ MBA (Hons) Degree course. The Admission to MS Commerce /MBA (Hons) would be considered provisionalsubject to pass their BS Commerce and BBA (Hons.) degree with minimum 50% and 60% of marks respectively.

Cancellation of Admission: If a student fails to attend any lecture during the **first four weeks** of the commencement of the semester as per announced schedule, his/ her admission shall stand cancelled without any notice.

Terms Laps Policy

A	B	C
S#	Degree Programmes	Specified period for completion of the degree Programmes: Actual + Additional= (Terms Laps period)
01	**01 Year Degree Programmes / PGD** *For example:PGD/ BPEHSS/ MPEHSS/ etc*	01 Year + 02 Years = 03 Years
02	**1.5 Years Degree Programmes** *For example: B.Ed (Secondary) 1.5 Year*	1.5 Years + 02 Years = 3.5 Years
03	**2.5 Years Degree Programmes** *For example: B.Ed (Secondary) 2.5 Year*	2.5 Years + 03 Years = 5.5 Years
04	**02 Years Degree Programmes** *For example: MA/ MSc/ MBA/ M.Com./ LLM etc*	02 Years + 03 Years = 05 Years
05	**04 Years Degree Programmes** *For example: BS/ BBA/MBA(4-year) etc*	04 Years + 03 Years = 07 Years
06	**05-Year Degree Programmes** *For example: Pharm D./ LLB etc*	05 Years + 03 Years = 08 Years

a) The students must complete their degree within the specified period (mentioned in column C) otherwise his/ her terms will be lapsed.

b) This policy will be effective for the students who will get admission in the year 2022 (2K22-Batch) and onwards at all the Campuses/ Institutes/ Departments/ Centres/ and affiliated colleges of the University of Sindh. This policy will also be applicable for the readmission cases effective from their admission in their part-1. **(Resolved in 42nd meeting of the Academic Council)**

Repeating Courses

i.   Whenever a student fails or gets a 'D' grade, he/ she can reappear or improve his/ her GPA at the immediate next sessions in the respective semester(s) when the examination for that course(s) is conducted.

ii. A student is allowed **only one chance** to improve his/ her grades in a course(s) of a previous semester. While a student who has passed and obtained the degree of BA / BS / BBA / Pharm.D. and B.H.P. Ed / B. Ed etc examination **is not allowed to improve** any course.

iii A student who has passed the final Degree examination (BA/ BS / BBA / Pharm.D. and B.H.P. Ed / B. Ed etc; and is placed in **"D"** grade in any subject may be allowed one more **chance to improve courses of the final year (both semester) only at the immediate next session** in the respective semester(s) when the examination for that course(s) is conducted.

iv   A student who has appeared at the final Master's degree MA / M. Sc / MBA/ MPA / M. Com (Hons) / M.H.P. Ed examination and is placed in "D" grade in any subject may be allowed **one more chance to improve his/ her GPA of the final year only at the immediate next session** in the respective semester when the examination for that course(s) is conducted.

v.   If a student absents himself/ herself in a mid-term /final semester test for any reasons, no separate test will be held for him/ her, during that semester. He/She can appear at the immediate next session in the respective semester when the examination for that course(s) is conducted.

TRANSFER OF CREDIT HOURS FOR UNDERGRADUATES/GRADUATES

a)   Credits are transferred on course to course basis i.e. a person taking course A at University X is allowed to transfer his/her credits to University Y provided that course A is equivalent to course B taught at the Y University.

b)   No credit hour of a course will be transferred if the grade is less than C for undergraduate and B for graduate.

c)   The university is at liberty to enroll students (if they fulfill their criteria) for any semester or for any single class and issue the students a transcript for the courses completed.

d)   Credit hours may only be transferred between duly recognized HEIs and internationally recognized universities as recommended by HEC.

e)   Final decision will be taken by the Departmental Committee

ATTENDANCE AND OTHER ACADEMIC REQUIREMENTS

a)   Students are required to maintain atleast **75%** attendance in each and every course of the Programme, failing which they shall not be allowed to appear at the final semester tests.

i)	Attendance	10 Marks
ii)	Assignment/ Presentation	10 Marks
iii)	Mid Term Test (after 8 weeks of teaching)	30 Marks
iv)	Final Semester Test	50 Marks

Appearance in Final Semester Test is mandatory.

b)   If a student fails to attend any lecture during the **first four weeks** of the commencement of the semester as per announced schedule, his/ her admission shall stand cancelled automatically without any notice.

c)   Students detained on account of shortage of attendance shall join **relevant semester** Programme next session to fulfil attendance requirement.

Student whose admission is cancelled on account of zero% attendance or who is not allowed to appear at the final semester test for want of shortage of attendance as per **"a and b"** above, will be allowed admission in next academic session, without appearing at the **"Pre- Entry Test"**, on payment of Admission and other fees.

Students failing to successfully complete the coursework requirements of Bachelor/ Honours degree Programme shall not be allowed to seek provisional admission to Master's Programmes in disciplines under Faculty of Arts.

Promotion of students to the next higher academic session in any Programme, i.e., 4 Years BS Programme or Masters shall be governed by rules framed for this purpose (see under **Semester System Rules** in this prospectus).

Distribution of Allocated Seats For Bachelor Degree Programmes - 2022

DISCIPLINE	Quota / General Merit (Jurisdiction)	Quota/General Merit (Out of Jurisdiction)	Total Merit Seats	Female Quota	Sindh University Employees Quota	Affiliated College Employees Quota	Wards of Shuhda Quota	Disabled Person Quota	Sports Quota	Commerce Quota	Total Reserved Seats	Self Finance (Sindh Province)	Self Finance (Other Province)	Self Finance (Foreign Nationals)	Total Self-Finance Seats	GRAND TOTAL
Faculty of Arts																
Applied Linguistics (BS)	80	15	95	12	10	2	1	1	2	0	28	31	5	25	61	184
Arabic (BS)	20	15	35	12	10	2	1	1	0	0	26	15	5	25	45	106
Art History (BAH)	20	15	35	12	10	2	1	1	0	0	26	15	5	25	45	106
Communication Design (BCD)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
English Language and Litrature (BS)	80	15	95	12	10	2	1	1	2	0	28	31	5	25	61	184
Fine Arts (BFA)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Persian (BS)	20	15	35	12	10	2	1	1	0	0	26	15	5	25	45	106
Philosophy (BS)	20	15	35	12	10	2	1	1	0	0	26	15	5	25	45	106
Sindhi (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Textile Design (BTD)	70	15	85	12	10	2	1	1	1	0	27	28	5	25	58	170
Urdu (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
TOTAL	510	165	675	132	110	22	11	11	9	0	295	242	55	275	572	1542
Faculty of Commerce and Business Administration																
Commerce (BS)	100	15	115	12	10	2	1	1	2	0	28	36	5	25	66	209
Banking & Finance (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Business Administration BBA (Hons)	82	42	124	12	10	2	1	1	2	10	38	41	5	25	71	233
TOTAL	232	72	304	36	30	6	3	3	5	10	93	100	15	75	190	587
Faculty of Engineering and Technology																
Electronic Engineering (BE)	25	10	35	0	2	0	1	0	0	0	3	10	1	1	12	50
Telecommunication Engineering (BE)	25	10	35	0	2	0	1	0	0	0	3	10	1	1	12	50
Information Technology (BS)	41	21	62	12	10	2	1	1	1	0	27	22	5	25	52	141
Software Engineering (BS)	41	21	62	12	10	2	1	1	1	0	27	22	5	25	52	141
TOTAL	132	62	194	24	24	4	4	2	2	0	60	64	12	52	128	382

Distribution of Allocated Seats For Bachelor Degree Programmes - 2022

DISCIPLINE	Quota / General Merit (Jurisdiction)	Quota/General Merit (Out of Jurisdiction)	Total Merit Seats	Female Quota	Sindh University Employees Quota	Affiliated College Employees Quota	Wards of Shuhda Quota	Disabled Person Quota	Sports Quota	Commerce Quota	Total Reserved Seats	Self Finance (Sindh Province)	Self Finance (Other Province)	Self Finance (Foreign Nationals)	Total Self-Finance Seats	GRAND TOTAL
Faculty of Islamic Studies																
Comparative Religion (BS)	30	15	45	12	10	2	1	1	0	0	26	18	5	25	48	119
Islamic Studies (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Muslim History (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
TOTAL	130	45	175	36	30	6	3	3	2	0	80	64	15	75	154	409
Faculty of Natural Sciences																
Anthropology & Archeology (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Biochemistry (BS)	60	15	75	12	10	2	1	1	1	0	27	26	5	25	56	158
Biotechnology (BS)	60	15	75	12	10	2	1	1	1	0	27	26	5	25	56	158
Botany (BS)	90	15	105	12	10	2	1	1	2	0	28	33	5	25	63	196
Chemistry (BS)	90	15	105	12	10	2	1	1	2	0	28	33	5	25	63	196
Computer Science (BS)	41	21	62	12	10	2	1	1	1	0	27	22	5	25	52	141
Environmental Science (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Fresh Water Biology & Fisheries (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Genetics (BS)	60	15	75	12	10	2	1	1	1	0	27	26	5	25	56	158
Geography (BS)	120	15	135	12	10	2	1	1	2	0	28	41	5	25	71	234
Geology (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Mathematics (BS)	120	15	135	12	10	2	1	1	2	0	28	41	5	25	71	234
Medical & Laboratory Technology (BS)	60	15	75	12	10	2	1	1	1	0	27	26	5	25	56	158
Microbiology (BS)	60	15	75	12	10	2	1	1	1	0	27	26	5	25	56	158
Nutrition & Food Technology (BS)	60	15	75	12	10	2	1	1	1	0	27	26	5	25	56	158
Physical Education, Health & Sports Sciences (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Physics (BS)	90	15	105	12	10	2	1	1	2	0	28	33	5	25	63	196
Physiology (BS)	60	15	75	12	10	2	1	1	1	0	27	26	5	25	56	158
Statistics (BS)	90	15	105	12	10	2	1	1	2	0	28	33	5	25	63	196
Zoology (BS)	90	15	105	12	10	2	1	1	2	0	28	33	5	25	63	196
TOTAL	1401	306	1707	240	200	40	20	20	27	0	547	566	100	500	1166	3420

Distribution of Allocated Seats For Bachelor Degree Programmes - 2022

DISCIPLINE	Quota / General Merit (Jurisdiction)	Quota/General Merit (Out of Jurisdiction)	Total Merit Seats	Female Quota	Sindh University Employees Quota	Affiliated College Employees Quota	Wards of Shuhda Quota	Disabled Person Quota	Sports Quota	Commerce Quota	Total Reserved Seats	Self Finance (Sindh Province)	Self Finance (Other Province)	Self Finance (Foreign Nationals)	Total Self-Finance Seats	GRAND TOTAL
Faculty of Social Sciences																
Criminology (BS)	70	15	85	12	10	2	1	1	1	0	27	28	5	25	58	170
Development Communication (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Economics (BS)	100	15	115	12	10	2	1	1	2	0	28	36	5	25	66	209
Gender Studies (BS)	20	15	35	12	10	2	1	1	0	0	26	15	5	25	45	106
General History (BS)	30	15	45	12	10	2	1	1	0	0	26	18	5	25	48	119
International Relation (BS)	80	15	95	12	10	2	1	1	2	0	28	31	5	25	61	184
Library & Information Science (BS)	80	15	95	12	10	2	1	1	2	0	28	31	5	25	61	184
Media & Communication Studies (BS)	80	15	95	12	10	2	1	1	2	0	28	31	5	25	61	184
Pakistan Studies (BS)	100	15	115	12	10	2	1	1	2	0	28	36	5	25	66	209
Political Science (BS)	70	15	85	12	10	2	1	1	1	0	27	28	5	25	58	170
Psychology (Science) (BS)	40	15	55	12	10	2	1	1	1	0	27	21	5	25	51	133
Psychology (Arts) (BS)	40	15	55	12	10	2	1	1	1	0	27	21	5	25	51	133
Public Administration (BS)	70	15	85	12	10	2	1	1	1	0	27	28	5	25	58	170
Rural Development Studies (BS)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Social Work (BS)	70	15	85	12	10	2	1	1	1	0	27	28	5	25	58	170
Sociology (BS)	70	15	85	12	10	2	1	1	1	0	27	28	5	25	58	170
TOTAL	1020	240	1260	192	160	32	16	16	19	0	435	426	80	400	906	2601
Faculty of Education																
Education (B.Ed. ELEMENTRY)	50	15	65	12	10	2	1	1	1	0	27	23	5	25	53	145
Faculty of Law																
Law (5 Years Degree Programme) (LLB)	82	42	124	12	5	2	1	1	2	0	23	37	5	25	67	214
Faculty of Pharmacy																
Doctor of Pharmacy (Pharm-D)	41	21	62	12	10	2	1	1	1	0	27	22	2	25	49	138

Distribution of Allocated Seats for Master Degree Programmes – 2022

DISCIPLNE	Quota / General Merit (Jurisdiction)	Quota/General Merit (Out of Jurisdiction)	Total Merit Seats	Female Quota	Disabled Person Quota	Sports Quota	Commerce Quota	Sindh University Employees Quota	Affiliated College Quota	Wards of Shuhda Quota	Total Reserved Seats	Self Finance (Sindh Province)	Self Finance (Other Province)	Self Finance (Foreign Nationals)	Total Self-Finance Seats	GRAND TOTAL
Faculty of Arts																
Applied Linguistics (MA)	40	15	55	12	1	1	0	10	2	1	27	21	5	25	51	133
Arabic (MA)	20	15	35	12	1	1	0	10	2	1	27	16	5	25	46	108
English Language and Literature (MA)	40	15	55	12	1	1	0	10	2	1	27	21	5	25	51	133
Fine Arts (MA)	20	15	35	12	1	1	0	10	2	1	27	16	5	25	46	108
Persian (MA)	10	15	25	12	1	1	0	10	2	1	27	13	5	25	43	95
Philosophy (MA)	20	15	35	12	1	1	0	10	2	1	27	16	5	25	46	108
Sindhi (MA)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Urdu (MA)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
TOTAL	270	120	390	96	8	8	0	80	16	8	216	155	40	200	395	1001
Faculty of Natural Sciences																
Actuarial Sciences (M.Sc.)	30	15	45	12	1	1	0	10	2	1	27	18	5	25	48	120
Biochemistry (M.Sc.)	55	15	70	12	1	1	0	10	2	1	27	24	5	25	54	151
Biotechnology (M.Sc.)	30	15	45	12	1	1	0	10	2	1	27	18	5	25	48	120
Botany (M.Sc.)	75	15	90	12	1	1	0	10	2	1	27	29	5	25	59	176
Chemistry (M.Sc.)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Computer Science (M.Sc.)	40	15	55	12	1	1	0	10	2	1	27	21	5	25	51	133
Computer Science (MCS)	40	15	55	12	1	1	0	10	2	1	27	21	5	25	51	133
Enviromental Science (M.Sc.)	30	15	45	12	1	1	0	10	2	1	27	18	5	25	48	120
Fresh Water Biology & Fisheries (M.Sc.)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Geography (M.Sc.)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Mathematics (M.Sc.)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Physics (M.Sc.)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Physiology (M.Sc.)	40	15	55	12	1	1	0	10	2	1	27	26	5	25	56	138
Statistics (M.Sc.)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Zoology (M.Sc.)	75	15	90	12	1	1	0	10	2	1	27	29	5	25	59	176
TOTAL	775	225	1000	180	15	15	0	150	30	15	405	360	75	375	810	2215

DISCIPLNE	Quota / General Merit (Jurisdiction)	Quota/General Merit (Out of Jurisdiction)	Total Merit Seats	Female Quota	Disabled Person Quota	Sports Quota	Commerce Quota	Sindh University Employees Quota	Affiliated College Quota	Wards of Shuhda Quota	Total Reserved Seats	Self Finance (Sindh Province)	Self Finance (Other Province)	Self Finance (Foreign Nationals)	Total Self-Finance Seats	GRAND TOTAL
Distribution of Allocated Seats for Master Degree Programmes – 2022																
Faculty of Islamis Studies																
Comparative Religion (MA)	20	15	35	12	1	1	0	10	2	1	27	16	5	25	46	108
Islamis Culture (MA)	80	15	95	12	1	1	0	10	2	1	27	31	5	25	61	183
Muslim History (MA)	50	15	65	12	1	1	0	10	2	1	27	23	5	25	53	145
TOTAL	150	45	195	36	3	3	0	30	6	3	81	70	15	75	160	436
Faculty of Commerce & Business Administration																
Commerce (M.Com)	50	15	65	12	1	1	0	10	2	1	27	23	5	25	53	145
Business Administration (02 Years) MBA (Hons)	70	15	85	12	1	1	0	10	2	1	27	28	5	25	58	170
Business Administration (04 Years) MBA	80	40	120	12	1	1	10	10	2	1	37	39	5	25	69	226
TOTAL	200	70	270	36	3	3	10	30	6	3	91	90	15	75	180	541
Faculty of Social Sciences																
Development Studies (M.Sc.)	50	15	65	12	1	1	0	10	2	1	27	23	5	25	53	145
Economics (M.A)	50	15	65	12	1	1	0	10	2	1	27	23	5	25	53	145
General History (M.A)	30	15	45	12	1	1	0	10	2	1	27	18	5	25	48	120
Home Economics (M.Sc.)	25	15	40	12	1	1	0	10	2	1	27	17	5	25	47	114
International Relations (MA)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Media & Communication Studies (MA)	50	15	65	12	1	1	0	10	2	1	27	23	5	25	53	145
Pakistan Studies (MA)	50	15	65	12	1	1	0	10	2	1	27	23	5	25	53	145
Political Science (MA)	60	15	75	12	1	1	0	10	2	1	27	26	5	25	56	158
Psychology (MA)	30	15	45	12	1	1	0	10	2	1	27	18	5	25	48	120
Psychology (M.Sc.)	40	15	55	12	1	1	0	10	2	1	27	21	5	25	51	133
Public Administration (MPA)	80	40	120	12	1	1	0	10	2	1	27	37	5	25	67	214
Public Policy (MA)	40	15	55	12	1	1	0	10	2	1	27	21	5	25	51	133
Social Work (MA)	50	15	65	12	1	1	0	10	2	1	27	23	5	25	53	145
Sociology (MA)	50	15	65	12	1	1	0	10	2	1	27	23	5	25	53	145
Women Development Studies (MA)	40	15	55	12	1	1	0	10	2	1	27	21	5	25	51	133
TOTAL	705	250	955	180	15	15	0	150	30	15	405	343	75	375	793	2153

DISTRIBUTION OF ALLOCATED SEATS — FACULTY OF EDUCATION - 2022

DISCIPLINE	Quota / General Merit (Jurisdiction)	Quota/General Merit (Out of Jurisdiction)	Female Quota	Total Merit Seats	Sindh University Employees Quota	Affiliated College Employees Quota	Disabled Person Quota	Sports Quota	Wards of Shuhda Quota	Total Reserved Seats	Self Finance (Sindh Province)	Self Finance (Other ProvinceS)	Total Self- Finance Seats	Grand Total
B.Ed. Secondary (2.5 YEARS) Morning	70	15	15	**100**	10	2	1	1	1	**15**	30	5	**35**	**150**
B.Ed. Secondary (1.5 YEARS) Morning	70	15	15	**100**	10	2	1	1	1	**15**	30	5	**35**	**150**
One Year Post Graduate Diploma in Early Childhood Education (PGD-ECE) Morning	70	15	15	**100**	10	2	1	1	1	**15**	30	5	**35**	**150**
B.Ed. Secondary (2.5 YEARS) Evening														**100**
B.Ed. Secondary (1.5 YEARS) Evening														**100**
One Year Post Graduate Diploma in Early Childhood Education (PGD-ECE) Evening														**100**

SEATS ALLOCATION FOR EVENING PROGRAMMES - 2022

Bachelor Degree Programmes

DISCIPLINE / SUBJECT		SEATS	DISCIPLINE / SUBJECT		SEATS
Applied Linguistics	(BS)	150	English Language & Literature - Main Campus	(BS)	150
Banking And Finance	(BS)	100	English Language & Literature - Old Campus	(BS)	100
Botany	(BS)	100	Information Technology	(BS)	150
Business Administration (Main Campus)	BBA (HONS)	200	Mathematics	(BS)	100
Business Administration (Old Campus)	BBA (HONS)	120	Media And Communication Studies	(BS)	100
Chemistry	(BS)	100	Medical Laboratory Technology	(BS)	100
Commerce	(BS)	100	Physics	(BS)	100
Computer Science	(BS)	150	Public Administration	(BS)	120
Criminology	(BS)	150	Software Engineering	(BS)	100
Doctor of Pharmacy	(PHARM-D)	110	Sociology	(BS)	50
Forestry	(BS)	50	Zoology	(BS)	100

Master Degree Programmes

DISCIPLINE / SUBJECT		SEATS	DISCIPLINE / SUBJECT		SEATS
Applied Linguistics (Main Campus)	(MA)	100	Law	(LLM)	100
Business Administration	(MBA)	300	One Year Condensed Deficiency Course in Pharmacy		50
Computer Science	(M.Sc)	50	Physical Education	(BHPESS)	50
Criminology	(M.Sc)	50	Physical Education	(MHPESS)	50
English Language & Literature - Main Campus	(MA)	100	Public Administration	(MPA)	50
English Language & Literature - Old Campus	(MA)	50	Post Graduate Diplomas (IT/CS/PA) (PGD)		50

Distribution of Allocated Seats for Bachelor / Master Degree Programmes - Campus Wise - 2022

Dicipline		Quota / General Merit	Female Quota	Commerce Quota	Sindh University Empolyees Quota	Total Merit Seats	Self Finance Seats	Grand Total
Sindh University Laar Campus, Badin								
Business Administration	BBA (HONS)	50	10	0	2	62	15	77
Commerce	(BS)	50	10	0	2	62	15	77
Computer Science	(BS)	50	10	0	2	62	15	77
English Language and Literature	(BS)	50	10	0	2	62	15	77
Commerce	(M.Com)	50	10	0	2	62	15	77
Mohtarma Benazir Bhutto Shaheed, Sindh Unversity Campus, Dadu								
Business Administration	BBA (HONS)	50	10	0	0	60	15	75
English Language and Literature	(BS)	50	10	0	0	60	15	75
Information Technology	(BS)	50	10	0	0	60	15	75
Business Administration	MBA (4-Year Degree Program)	50	10	0	0	60	15	75
Business Administration	MBA (Evening)	50						50
English Language and Literature	MA (Evening)	50						50
Sindh University Campus, Mirpurkhas								
Business Administration	BBA (HONS)	36	8	4	0	48	10	58
Commerce	(BS)	36	8	0	0	44	10	54
Computer Science	(BS)	36	8	0	0	44	10	54
English Language and Literature	(BS)	36	8	0	0	44	10	54
Information Technology	(BS)	36	8	0	0	44	10	54
Business Administration	MBA (Evening)	50						50
English Language and Literature	MA (Evening)	50						50

Distribution of Allocated Seats for Bachelor / Master Degree Programmes - Campus Wise - 2022

Dicipline		Quota / General Merit	Female Quota	Commerce Quota	Sindh University Empolyees Quota	Total Merit Seats	Self Finance Seats	Grand Total
Sindh Unversity Campus, Larkana								
Business Administration	BBA (HONS)	50	10	0	0	**60**	15	**75**
Computer Science	(BS)	50	10	0	0	**60**	15	**75**
English Language and Literature	(BS)	50	10	0	0	**60**	15	**75**
English Language and Literature	(MA)	50	10	0	0	**60**	15	**75**
Business Administration	MBA (Evening)	50						**50**
English Language and Literature	MA (Evening)	50						**50**
Sindh Unversity Campus, Thatta								
Business Administration	BBA (HONS)	50	10	0	2	**62**	15	**77**
Computer Science	(BS)	50	10	0	2	**62**	15	**77**
English Language and Literature	(BS)	50	10	0	2	**62**	15	**77**
Commerce	(M.Com)	50	10	0	2	**62**	15	**77**
English Language and Literature	(MA)	50	10	0	2	**62**	15	**77**
Business Administration	MBA (Evening)	50						**50**
Coastal Zone Management	M.Sc (Evening)	50						**50**
Khan Bahadur Syed Allahando Shah Sindh University Campus, Naushehroferoze								
Business Administration	BBA (HONS)	50	10	0	0	**60**	15	**75**
Computer Science	(BS)	50	10	0	0	**60**	15	**75**
English Language and Literature	(BS)	50	10	0	0	**60**	15	**75**
Information Technology	(BS)	50	10	0	0	**60**	15	**75**
English Language and Literature	(MA)	50	10	0	0	**60**	15	**75**
Business Administration	MBA (4-Year Degree Program)	50	10	0	0	**60**	15	**75**
Business Administration	MBA (Evening)	50						**50**

Fee Structure For Bachelor Degree Programmes (Merit) - 2022 (Semester Wise)

S #	CLASS	Admission Fee	Caution Money	Marks Certificate Verification Fee	Enrolment Card Fee	Student Identity Card Fee	Extra-Curricular Activities Fee	Library Fee	Laboratory Fee / Field Trip Fee	Transport Fare	Pharmacy Council Registration Fee	Tuition Fee	Examination Fee	Total Fees
1	Bachelor (First Year) General Disciplines	2500	500	1500	1000	150	1100	500	750	3500	0	4000	1000	**16500**
2	Bachelor (First Year) Quota Oriented Disciplines	2500	500	1500	1000	150	1100	500	750	3500	0	4750	1000	**17250**
3	Doctor Of Pharmacy - First Professional (Pharm-D)	2500	500	1500	1000	150	1100	500	750	3500	1000	7000	1000	**20500**
4	Bachelor (Next Higher Classes) General Disciplines (Per Semester)	2500	0	0	0	150	1100	500	750	3500	0	4000	1000	**13500**
5	Bachelor (Next Higher Classes) Quota Oriented Disciplines (Per Semester)	2500	0	0	0	150	1100	500	750	3500	0	4750	1000	**14250**
6	Doctor Of Pharmacy (Next Higher Classes) - Per Semester	2500	0	0	0	150	1100	500	750	3500	0	7000	1000	**16500**
7	BE (Electronic Engineering) and BE (Telecommunication Engineering)	Full Package (Per Semester)												**25000**
8	Law (LL.B)	Full Package (Per Semester)												**35000**

Note: For First year, two semesters accumulted fees will be charged at once.

For proceeding years (Next higher classes), fees will be charged semester wise within 2 weeks of start of each semester.

❖ Enrolment Card Fee & Eligibility Certificate Fee - students passed HSC-II examination from BISE Larkana / Sukkur / Karachi / any board of Sindh Province —— Rs. 3000/=

❖ Enrolment Card Fee & Eligibility Certificate Fee - students passed HSC-II examination from other Provinces / Fedral Boards – Rs. 4000/=

❖ Enrolment Card Fee & Eligibility Certificate Fee for the Foreign Students – Rs. 6500/=

❖ Admission Form Fee (Next Higher Class) – Rs. 100/= (Per Year).

Fee Structure For Master Degree Programmes (Merit) - 2022 (Semester Wise)

S#	CLASS	Admission Fee	Caution Money (Once)	Marks Certificate Verification Fee (Once)	Enrolment Card Fee (Once)	Student Identity Card Fee	Extra-Curricular Activities Fee	Library Fee	Laboratory Fee / Field Trip Fee	Transport Fare	Tuition Fee	Examination Fee	Total Fees
1	Master (Previous) All General Disciplines	2500	500	1500	1000	150	1850	500	750	3500	4750	1000	**18000**
2	MBA (4-Year Degree Program)	2500	500	1500	1000	150	1100	500	750	3500	6500	1000	**19000**
3	MPA (Previous) Public Administration MBA (Hons.) Business Administration MCS (Previous) Computer Science M.Sc (Previous) Computer Science	2500	500	1500	1000	150	1850	500	750	3500	6500	1000	**19750**
4	M.Sc (Previous) Home Economics M.Sc (Previous) Development Studies	2500	500	1500	1000	150	1850	500	750	3500	9750	1000	**23000**
5	Master (Final) All General Disciplines	2500	0	0	0	150	1850	500	750	3500	4750	1000	**15000**
6	MBA (Next Higher Class) Per Year	2500	0	0	0	150	1100	500	750	3500	6500	1000	**16000**
7	MPA (Final) Public Administration MCS (Final) Computer Science M.Sc (Final) Computer Science	2500	0	0	0	150	1850	500	750	3500	6500	1000	**16750**
8	M.Sc (Final) Home Economics M.Sc (Final) Development Studies	2500	0	0	0	150	1850	500	750	3500	9750	1000	**20000**

Note:- For First year, two semesters accumulted fees will be charged at once.

For proceeding years (Next higher classes), fees will be charged semester wise within 2 weeks of start of each semester.

❖ Enrolment Card Fee & Eligibility Certificate Fee - students passed requiste degree from any university of Sindh Province other than University of Sindh —— Rs. 3000/=

❖ Enrolment Card Fee & Eligibility Certificate Fee - students passed requiste degree from any university of Pakistan other than Sindh Province —— Rs. 4000/=

❖ Enrolment Card Fee & Eligibility Certificate Fee for the Foreign Students —— Rs. 6500/=

❖ Admission Form Fee (Next Higher Class) – Rs. 100/= (Per Year).

Fee Structure for Bachelor Degree Programmes - Self Finance (Morning) - 2022

SUBJECT	Sindh Province (Per Year)	Other Provinces (Per Year)	SUBJECT	Sindh Province (Per Year)	Other Provinces (Per Year)
Anthropology & Archaeology (BS)	80000	95000	Islamic Studies (BS)	60000	85000
Arabic (BS)	60000	85000	Library & Information Science (BS)	60000	85000
Art History (BAH)	60000	85000	LLB (Law) 5 Years Degree Programme	200000	250000
Applied Linguistics (BS)	80000	120000	Media & Communication Studies (BS)	60000	85000
Banking and Finance (BS)	80000	95000	Mathematics (BS)	80000	95000
BBA (HONS)	100000	160000	Medical Laboratory Technology (BS)	80000	95000
B.Ed. Elementary	60000	85000	Microbiology (BS)	80000	95000
Biochemistry (BS)	80000	95000	Muslim History (BS)	60000	85000
Biotechnology (BS)	80000	95000	Nutrition & Food Analysis (BS)	80000	95000
Botany (BS)	80000	95000	Pakistan Studies (BS)	60000	85000
Chemistry (BS)	80000	95000	Persian (BS)	60000	85000
Commerce (BS)	80000	95000	Pharmacy (PHARM-D) 5 Years Programme	130000	200000
Communication Design (BCD)	60000	85000	Philosophy (B.A)	60000	85000
Comparative Religion (BS)	60000	85000	Physical Education (BS)	80000	95000
Computer Science (BS)	100000	160000	Physics (BS)	80000	95000
Criminology (BS)	80000	95000	Physiology (BS)	80000	95000
Economics (BS)	60000	85000	Political Science (BS)	60000	85000
Electronic Engineering (BE)	225000	225000	Psychology (BS)	60000	85000
English Language and Litrature (BS)	80000	120000	Public Administration (BS)	80000	95000
Environmental Sciences (BS)	80000	95000	Rural Development Studies (BS)	60000	85000
Fine Arts (BFA)	60000	85000	Sindhi (BS)	60000	85000
Fresh Water Biology & Fisheries (BS)	80000	95000	Social Work (BS)	60000	85000
Gender Studies (BS)	60000	85000	Sociology (BS)	60000	85000
General History (BS)	60000	85000	Software Engineering (BS)	100000	160000
Genetics (BS)	80000	95000	Statistics (BS)	80000	95000
Geography (BS)	80000	95000	Telecommunication Engineering (BE)	225000	225000
Geology (BS)	100000	160000	Textile Design (BTD)	60000	85000
Information Technology (BS)	100000	160000	Urdu (BS)	60000	85000
International Relations (BS)	60000	85000	Zoology (BS)	80000	95000

Note:-

For First year, two semesters accumulted fees will be charged at once.

For proceeding years (Next higher classes), fees will be charged semester wise within 2 weeks of start of each semester.

❖ Enrolment Card Fee & Eligibility Certificate Fee - students passed HSC-II examination from BISE Larkana / Sukkur / Karachi / any board of Sindh Province — Rs. 3000/=

❖ Enrolment Card Fee & Eligibility Certificate Fee - students passed HSC-II examination from other Provinces / Fedral Boards — Rs. 4000/=

❖ Enrolment Card Fee & Eligibility Certificate Fee for the Foreign Students — Rs. 6500/=

❖ Admission Form Fee (Next Higher Class) — Rs. 100/= (Per Year).

Fee Structure for Master Degree Programmes - Self Finance (Morning) - 2022

SUBJECT	Sindh Province (Per Year)	Other Provinces (Per Year)	SUBJECT	Sindh Province (Per Year)	Other Provinces (Per Year)
Actuarial Sciences (M.Sc)	80000	100000	International Relations (MA)	60000	85000
Applied Linguistics (MA)	80000	120000	Islamic Studies (MA)	60000	85000
Arabic (MA)	60000	85000	Mathematics (M.Sc.)	80000	100000
Biochemistry (M.Sc.)	80000	100000	Media & Communication Studies (MA)	60000	85000
Biotechnology (M.Sc.)	80000	100000	Muslim History (MA)	60000	85000
Botany (M.Sc.)	80000	100000	Pakistan Studies (MA)	60000	85000
Business Administration MBA 04 Years	100000	140000	Persian (MA)	60000	85000
Business Administration MBA (Hons)	100000	140000	Philosophy (MA)	60000	85000
Chemistry (M.Sc.)	80000	100000	Physics (M.Sc.)	80000	100000
Commerce (M.COM)	80000	100000	Physiology (M.Sc.)	80000	100000
Comparative Religion (MA)	60000	85000	Political Science (MA)	60000	85000
Computer Science (M.Sc.) / MCS	100000	140000	Psychology (MA)	60000	85000
Development Studies (M.Sc.)	100000	140000	Psychology (M.Sc.)	60000	85000
Economics (MA)	60000	85000	Public Administration (MPA)	80000	100000
English Language and Literature (MA)	80000	120000	Sindhi (MA)	60000	85000
Environmental Sciences (M.Sc.)	80000	100000	Social Work (MA)	60000	85000
Fine Arts (MA)	60000	85000	Sociology (MA)	60000	85000
Fresh Water Biology & Fisheries (M.Sc.)	80000	100000	Statistics (M.Sc.)	80000	100000
General History (MA)	60000	85000	Urdu (MA)	60000	85000
Geography (M.Sc.)	80000	100000	Women Development Studies (MA)	60000	85000
Home Economics (M.Sc.)	100000	140000	Zoology (M.Sc.)	80000	100000

Note:-

For First year, two semesters accumulted fees will be charged at once.

For proceeding years (Next higher classes), fees will be charged semester wise within 2 weeks of start of each semester.

- ❖ Enrolment Card Fee & Eligibility Certificate Fee - students passed requiste degree from any university of Sindh Province other than University of Sindh —— Rs. 3000/=
- ❖ Enrolment Card Fee & Eligibility Certificate Fee - students passed requiste degree from any university of Pakistan other than Sindh Province —— Rs. 4000/=
- ❖ Enrolment Card Fee & Eligibility Certificate Fee for the Foreign Students —— Rs. 6500/=
- ❖ Admission Form Fee (Next Higher Class) – Rs. 100/= (Per Year).

FEE STRUCTURE FOR EVENING PROGRAMMES - 2022

CLASS	TOTAL FEE (PER YEAR)	PER SEMESTER	CLASS	TOTAL FEE (PER YEAR)	PER SEMESTER
BACHELOR DEGREE PROGRAMMES					
APPLIED LINGUISTICS (BS)	65000	32500	INFORMATION TECHNOLOGY (BS)	85000	42500
BANKING AND FINANCE (BS)	65000	32500	MATHEMATICS (BS)	65000	32500
BOTANY (BS)	65000	32500	MEDIA AND COMMUNICATION STUDIES (BS)	65000	32500
BUSINESS ADMINISTRATION BBA (HONS)	85000	42500	MEDICAL LABORATORY TECHNOLOGY (BS)	65000	32500
CHEMISTRY (BS)	65000	32500	PHYSICS (BS)	65000	32500
COMMERCE (BS)	65000	32500	PUBLIC ADMINISTRATION (BS)	65000	32500
COMPUTER SCIENCE (BS)	85000	42500	SOFTWARE ENGINEERING (BS)	85000	42500
CRIMINOLOGY (BS)	65000	32500	SOCIOLOGY (BS)	65000	32500
ENGLISH LANGUAGE AND LITERATURE (BS)	65000	32500	ZOOLOGY (BS)	65000	32500
FORESTRY (BS)	65000	32500	*DOCTOR OF PHARMACY - (PHARM-D)	110000	55000
MASTER DEGREE PROGRAMMES					
APPLIED LINGUISTICS (MA)	80000	40000	LAW (LLM)	80000	40000
BUSINESS ADMINISTRATION (MBA)	100000	*	PHARMACY (CONDENSED COURSE)	100000	50000
COMPUTER SCIENCE (M.Sc)	100000	50000	PHYSICAL EDUCATION (BHPESS / MHPESS)	80000	40000
CRIMINOLOGY (M.Sc)	80000	40000	PUBLIC ADMINISTRATION (MPA)	80000	40000
ENGLISH LANGUAGE AND LITERATURE (MA)	80000	40000	ALL POST GRADUATE DIPLOMAS (EVENING)	60000	30000

* MBA (Evening) 1st / 4th Semester Fee = Rs. 40000/-
* MBA (Evening) 2nd / 3rd / 5th / 6th Semester Fee = Rs. 30000/-

Note:-

❖ Examination fee Rs: 1000/= (per semester) is included in the above package.

Following fees will be charged separately.

❖ Pharmacy Council Registration fee from the Students of Pharm.D. Rs. 1000/- (Once).

❖ Enrolment card and Eligibilty Certificate fees will be charged separately (Once)

❖ Admission Form Fee (Next Higher Class) – Rs. 100/= (Per Year).

❖ Admission Form Fee LLM (Final Year) – Rs. 500/= (Per Year).

Fee Structure for Faculty of Education, Elsa Kazi Campus, Hyderabad - 2022

S #	CLASS	Admission Fee	Caution Money	Marks Certificate Verification Fee	Student Identity Card Fee	Extra-Curricular Activities Fee	Library Fee	Laboratory Fee / Field Trip Fee	Research Dissertation Fee	Practice Teaching Lesson Fee & Lesson Plan Fee	Accreditation Fees	Tuition Fee	Examinations Fee	Total Fees
1	B.Ed. - SECONDARY (2.5 YEARS) - MORNING	FEES MAY BE PAID SEMESTER WISE (Rs: 15000/= Per Semester)												75000/=
2	B.Ed. - SECONDARY (2.5 YEARS) - EVENING	FEES MAY BE PAID SEMESTER WISE (Rs: 25000/= Per Semester)												125000/=
3	B.Ed. - SECONDARY (1.5 YEARS) - MORNING	FEES MAY BE PAID SEMESTER WISE (Rs: 15000/= Per Semester)												45000/=
4	B.Ed. - SECONDARY (1.5 YEARS) - EVENING	FEES MAY BE PAID SEMESTER WISE (Rs: 25000/= Per Semester)												75000/=
5	ONE YEAR POST GRADUATE DIPLOMA IN EARLY CHILDHOOD EDUCATION (PGDECE) - MORNING	FEES MAY BE PAID SEMESTER WISE (Rs: 25000/= Per Semester)												50000/=
6	ONE YEAR POST GRADUATE DIPLOMA IN EARLY CHILDHOOD EDUCATION (PGDECE) - EVENING	FEES MAY BE PAID SEMESTER WISE (Rs: 30000/= Per Semester)												60000/=

Following fees will be charged separately.

- Enrolment Card Fee - students passed last requiste degree from University of Sindh — Rs. 1000/=
- Enrolment Card Fee & Eligibility Certificate Fee - students passed requiste degree from any university of Sindh Province other than University of Sindh — Rs. 3000/=
- Enrolment Card Fee & Eligibility Certificate Fee - students passed requiste degree from any university of Pakistan other than Sindh Province — Rs. 4000/=
- Enrolment Card Fee & Eligibility Certificate Fee for the Foreign Students — Rs. 6500/=
- Admission Form Fee (Next Higher Class) – Rs. 100/= (Per Year).

Fee Structure for Campuses of University of Sindh – 2022 (Semester wise)

S.NO	NAME OF CAMPUS / DISCIPLINES / DEGREE PROGRAMMES	SINDH UNIVERSITY LAAR CAMPUS, BADIN (INCLUDING TRANSPORT FARE)	M.B.B.S, SINDH UNIVERSITY CAMPUS, DADU (EXCLUDING TRANSPORT FARE)	SINDH UNIVERSITY CAMPUS, MIRPURKHAS (EXCLUDING TRANSPORT FARE)	SINDH UNIVERSITY CAMPUS, LARKANA (EXCLUDING TRANSPORT FARE)	SINDH UNIVERSITY CAMPUS, THATTA (EXCLUDING TRANSPORT FARE)	KBSAS, SINDH UNIVERSITY CAMPUS, NAUSHEHROFEROZE (EXCLUDING TRANSPORT FARE)
1	BBA (HONS) / BS (INFORMATION TECHNOLOGY / COMPUTER SCIENCE) FIRST YEAR (PER SEMESTER)	17250	13750	13750	13750	13750	13750
2	BS (ENGLISH LANGUAGE AND LITERATURE / COMMERCE) FIRST YEAR (PER SEMESTER)	16500	13000	13000	13000	13000	13000
3	MBA (FIRST YEAR) 4-YEAR DEGREE PROGRAM (PER SEMESTER)	==	15500	==	==	==	15500
4	MA (PREVIOUS) ENGLISH LANGUAGE AND LITERATURE / M.COM (PREVIOUS) - (PER SEMESTER)	==	==	==	14500	14500	14500
5	BBA (HONS) / BS (INFORMATION TECHNOLOGY / COMPUTER SCIENCE) NEXT HIGHER CLASSES (PER SEMESTER)	14250	10750	10750	10750	10750	10750
6	BS (ENGLISH / COMMERCE / MATHEMATICS) NEXT HIGHER CLASSES (PER SEMESTER)	13500	10000	10000	10000	10000	10000
7	MBA (NEXT HIGHER CLASSES) - (PER SEMESTER)	==	12500	==	==	==	12500
8	MA (FINAL) ENGLISH LANGUAGE AND LITERATURE / M.COM (FINAL) - (PER SEMESTER)	==	==	==	11500	11500	11500

MBA (EVENING) – SEMESTER WISE	
1ST / 4TH SEMESTER FEE	40000/=
2ND / 3RD / 5TH / 6TH SEMESTER FEE	30000/=

MA ENGLISH LANGUAGE AND LITERATURE (EVENING) – SEMESTER WISE	
PER SEMESTER (INSTALMENT)	40000/=

Note: - Following Fees will be charged separately.

- Enrolment Card Fee for the Students of Sindh Province, Passing Last Examination from University of Sindh Rs. 1000/= (For Master Evening)
- Enrolment Card & Eligibility Certificate Fees for the Students of Sindh Province, Migrating/Passing Examination from other Boards/Universities out of Jurisdiction of the University of Sindh — Rs. 3000/=
- Enrolment Card & Eligibility Certificate Fees for the Students of other Provinces, Migrating/ Passing Examination from other Boards/Universities out of Jurisdiction of the University of Sindh — Rs. 4000/=
- Admission Form Fee (Next Higher Class) –Rs. 100/= (Per Year).

Fee Structure for Foreign Nationals - 2022

ALL BACHELOR / MASTER DEGREE PROGRAMMES (Morning / Evening)	FULL PACKAGE (Per Year)
	US $2000/=

Note: On request of the students (Foreign Nationals), fees will be charged in two installments.

Fee Structure of Boys / Girls Hostels - 2022

S.No.	Contents	Total Fee (per year)
1.	For students of Sindh Province (Hostels without attach bath)	Rs. 5000/-
2.	For students of Sindh Province (Hostels with attach bath)	Rs. 6000/-
3.	For students of other Provinces	Rs. 15000/-
4.	For Foreign students	Rs. 25000/-

FEE REFUND POLICY

Admission/other fees, once deposited for regular merit/ self-finance seat / evening program, shall not be fully refunded.

In case of admission under regular merit category, according to the National Level Fee-Refund Policy at Higher Education Institutions of Pakistan circulated by The Higher Education Commission (HEC) Islamabad vide letter No. 10-1/HEC/A&C/2015/6542 dated   December 07, 2015.

Percentage% of Fee	**Time Line for Semester System**
Full (100%) Fee Refund	Upto the 7th Day of Commencement of Classes
Half (50%) Fee Refund	From 8th—15th Day of Commencement of Classes
No Fee Refund (0%)	From 16th day of Commencement of Classes

- %age of fee shall be applicable on all component of fee, except for security and admission charges.
- Timeline shall be calculated continuously, covering both weekdays and weekend.

However, whereas applicant who has applied both for the regular merit seats as well as on Self Finance basis, and if he/ she is selected as regular **candidate on merit** in any list then the Self Finance fee if deposited, shall be refunded in full by **crossed-cheque only** or if willing adjusted in future fees provided he/ she submits in **writing his/ her choice to this effect within seven days of the announcement of the list.** Similarly if the candidate exercising choice, opts for any **Evening Program** seat then the fees paid for merit seat will be **transferred**, provided the choice is exercised within **Seven days.**

In case of admission under Self Finance, 70% amount of Self Finance fees (dis-counting installment) be refunded to only those students who get their admission cancelled at their own written request within 30 days from the date of commencement of classes. No refund will be allowed after the expiry of one month.

In case of admission in Evening Program, 70% amount of fees (after deducation of registration fee) will be refunded to only those students who get their admission cancelled at their own written request within 30 days from the date of commencement of classes. No refund will be allowed after the expiry of one month.

FACULTY OF
ARTS

The Faculty of Arts was the first faculty of the University where teaching started in 1951. First it was comprised of disciplines including Commerce, Education, Islamic Studies, Law and Social Sciences which were later on raised to independent Faculty status. The Faculty of Arts offers Bachelor, Master, M.Phil & Ph.D programmes.

The Faculty of Arts comprises:-

1. **Institute of Art & Design**
2. **Institute of English Language & Literature**
3. **Institute of Languages (Arabic & Persian)**
4. **Department of Philosophy**
5. **Department of Sindhi**
6. **Department of Urdu**

Prof. Dr. Syed Javed Iqbal
Dean
Ph.D. (S.U)

PROGRAMMES

Arabic	Fine Arts
Persian	Textile Design
English	Communication Design
Sindhi	Art History
Urdu	Philosophy

ARTS FACULTY BUILDING

INSTITUTE OF ART AND DESIGN

The Institute of Art & Design is an extension of the Department of Fine Arts, which was established as the first Art Department at public University of Sindh. The Department of Fine Arts was set up in 1970 by the famous Artist Professor A.R Nagori at the Allama I.I Campus of university of Sindh, Jamshoro. Initially, a two-year bachelor degree   BA (Pass) in Fine Arts was introduced in 1985, two-year MA (Pass) in Fine Arts degree was also launched. According to the job market and demand of the professionals in the in Pakistan, in 2005. Design degree was also introduced at the University of Sindh, the Institute Art & Design was launched with 04 departments such as Department of Fine Arts, Department of Communication Design, Department of Textile Design, Department of Art History. The updated four-year Bachelor's degree Programmes were introduced in art and design both disciplines i.e. BFA (Bachelor of Fine Arts), BA (Art History), and B. Design (Textile and Communication). The selection criteria in the discipline of art and design is based on the aptitude test of the University of Sindh. All selected students are enrolled in individual bachelor's degree programmess; however, the foundation year is same for all disciplines. A new addition in the Institute of Art & Design is the Department of Indus Valley Music and Theatre, the one-year diploma course will be offered in Music and theatre studies later this year.

In 2019, the syllabus of Fine Arts and Communication Design were revised and approved according to professional market as well as according to HEC requirements.

In addition to revision of courses, the new syllabus for Four-Year Undergraduate Degree in Bachelor of Design (Ceramics Design and Glazed Pottery) (Under Semester System) 08 Semesters, 04 years Programme has also been approved for new admissions in the University of Sindh.

The teaching faculty comprises the following:

Mangi, Saeed Ahmed, Associate Professor and **Director**
MMA (Masters Multimedia Arts) 2005 NCA, Lahore.
MA (Fine Arts) (S.U) 1994, BA (Fine Arts) (S.U) 1992

Baloch, Waheeda Bano, Associate Professor
MA (Fine Arts) (S.U) 2000, Masters, Stockholm University Sweden 2013

Khaskhali, Ghulam Qasim, Assistant Professor
MA (Fine Arts) (S.U) 1994, BA Fine Arts 1992 (S.U)

Khilji, Naimatullah, Assistant Professor
MA (Fine Arts) (S.U) 1994, BA Fine Arts 1992 (S.U)

Rashdi, Pir Najeebullah, Assistant Professor
MA Visual Art (NCA, Lahore), MA (Fine Arts) (S.U) 1998, BA (Fine Arts) (S.U)

Jamali, Nadir Ali, Assistant Professor
Bachelor of Fine Art (NCA Lahore) – 1996

Abro, Rabella, Assistant Professor
B. Design (Communication Design), CEAD, MUET, Jamshoro-2008

Mirani, Hisamuddin, Assistant Professor
B. Design (Communication Design), CEAD, MUET, Jamshoro -2008

Shaikh, Sabeen Naeem, Assistant Professor
B. Design (Communication Design), IAD, S.U, Jamshoro – 2008

Shiakh, Erum Fazal, Lecturer
B. Design (Communication Design), CEAD, MUET, Jamshoro – 2004

Khilji, Samreen, Lecturer
B. Design (Communication Design), IAD, S.U, Jamshoro – 2008

Foundation courses for Bachelor of Fine Arts, Bachelor of Communication Design, Bachelor of Textile Design, Bachelor of Art History

04 Years Degree Programme (08 Semesters) CH-146 each

Pre-requisite: H.S.C., Pre-Entry Test and Aptitude Test are must for the admission.

FOUNDATION   (FIRST YEAR)   (FIRST SEMESTER)

Course No.	Course Title	Credit Hours	
		Studio	Theory
FD 370	Foundation Drawing-I	03	--
FD 371	Foundation Design-I	02	--
FD 372	Foundation Sculpture-I	02	--
FD 373	Foundation Drafting-I	02	--
FD 310	Introduction to Visual Arts		02
FD 314	Art Appreciation		02
ENGL 300	English		03
IS 302	Islamic Studies		02

FOUNDATION   (FIRST YEAR)   (SECOND SEMESTER)

Course No.	Course Title	Credit Hours	
		Studio	Theory
FD 380	Foundation Drawing-II	03	--
FD 381	Foundation Design-II	02	--
FD 382	Foundation Sculpture-II	02	--
FD 383	Computer Graphic Skills	02	--
FD 315	Visual Communication Theory		02
FD 313	History of Culture		02
ENGL 301	English		03
IS 303	Pakistan Studies		02

BACHELOR OF FINE ARTS

2ND YEAR, 1ST SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
Sind 402	Sindhi/Urdu	--	02
FA 412	History of Art and Architecture (Western Art)	--	02
FA 413	History Islamic Art	--	02
FA 420	Painting – I	02	--
FA 421	Drawing- I	02	--
FA 422	Printmaking – I	02	--
FA 424	Sculpture Studio – I	02	--
FA 425	Philosophy of Art	02	02

2ND YEAR, 2ND SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
402	Sindhi/Urdu	--	02
FA 430	Drawing- II	02	--
FA 431	Painting – II	02	--
FA 432	Printmaking – II	02	--
FA 433	Miniature Painting –II	02	--
FA 434	Ceramics	02	--
FA 435	History of Art and Architecture- II	--	02
FA 436	South Asian Art	--	02
FA 437	Computer Skills	02	

BACHELOR OF FINE ARTS

3RD YEAR, 1ST SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
FA 555	Painting – I (Advanced)	06	--
	Printmaking – I (Advanced)		--
	Sculpture – I (Advanced)		--
	Miniature Painting – I (Advanced)		--
FA 556	Ceramic-1 (Minor)	02	--
FA 557	Drawing-III	02	--
FA 558	History of Arts – III 20th century Art	--	02
FA 559	Art Seminar-1	--	02
FA 570	History of Indo-Pak Art	--	02
FA 571	Elective-1	02	

Note: Students can opt one elective course for 1st semester 3rd year with 2 Credit Hours from the following Subjects.

Elective subjects for First Semester 3RD year Fine Arts

- FA 571   Textile Design/weaving
- FA 571   Miniature Painting
- FA 571   Photography-I
- FA 571   Ceramics-II
- FA 571   Printmaking
- FA 571   Computer Graphics
- FA 571   Sculpture-III

- 2 Credit Hour, 4 to 6 weeks Internship (Compulsory), Student has to get letter from Institute for Getting Internship Program at any related organization and has to complete it during the summer vacation before the starting of Second Semester of 3rd year in which the marks will be counted through evaluation.

BACHELOR OF FINE ARTS

3RD YEAR, 2ND SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
FA 575	Painting – II (Advanced)	06	--
	Printmaking – II (Advanced)		--
	Sculpture – II (Advanced)		--
	Miniature Painting – II (Advanced)		--
FA 576	Photography (Minar-2)	02	--
FA 577	Drawing-IV	02	--
FA 578	History of Arts –IV	--	02
FA 579	Fine Art Seminar II	--	02
FA 580	Elective-II	02	--
FA 581	Internship	02	

Note:

- Students can opt one elective course for 2nd semester as 3rd year with 2 Credit Hours from the following Subjects.
- 2 Credit Hour, 4 to 6 weeks Internship (Compulsory), Student has to get letter from Institute for Getting Internship Program at any related organization and has to complete it during the summer vacation before the starting of Second Semester of 3rd year in which the marks will be counted through evaluation.

Elective subjects for First Semester 3rd year Fine Arts

- FA 580   Textile Design/weaving
- FA 580   Miniature Painting-III
- FA 580   Photography-II
- FA 580   Ceramics-III
- FA 580   Printmaking-III
- FA 580   Sculpture-III

BACHELOR OF FINE ARTS
4TH YEAR, 1ST SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
FA 656	Painting (Mini Thesis) Printmaking (Mini Thesis) Sculpture (Mini Thesis) Miniature Painting (Mini Thesis)	09 each	-- -- -- --
FA 657	Research Methodology	--	02
FA 658	Contemporary Art of Pakistan (Seminar)	--	02
FA 659	Elective-III	--	02

Note:

Mini Thesis may be transferred to Final Year Thesis project as per Advised/Approval by the Thesis committee in first Jury.

4TH YEAR, 2ND SEMESTER (THESIS)

Course No.	Course Title	Credit Hours	
		Studio	Theory
FA 664	Painting Thesis Printmaking Thesis Sculpture Thesis Miniature Painting Thesis	12 each	-- -- -- --
FA 665	Viva Voce	--	02

BACHELOR OF COMMUNICATION DESIGN
2ND YEAR, 1ST SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
CD 440	Visual Communication Design – I	02	01
CD 432	Computer Graphics – I	03	--
CD 434	Drawing for Design –I	02	--
CD 443	Typography & Layout –I	02	--
CD 414	History of Art & Architecture – I	--	02
SIND 402	Sindhi / Urdu	--	02
	Elective	02	--

2ND YEAR, 2ND SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
CD 450	Visual Communication Design – II	02	01
CD 436	Computer Graphics – II	03	--
CD 438	Drawing for Design –II	02	--
CD 453	Typography & Layout –II	02	--
CD 415	History of Art & Architecture – II	--	02
SIND 403	Sindhi / Urdu	--	02
	Elective	02	--

Elective subjects for (2nd Year 1st Term) Elective Subjects for (2nd Year 2nd Term)

1. Textile Design – I
2. Painting – I
3. Print Making – I
4. Miniature Painting – I
5. Sculpture Studio – I
6. Ceramic –I

1. Textile Design – II
2. Painting – II
3. Print Making –II
4. Miniature Painting –II
5. Sculpture Studio – II
6. Ceramic –II

BACHELOR OF COMMUNICATION DESIGN
3RD YEAR, 1ST SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
CD 550	Visual Communication Design – III	03	01
CD 551	Illustration – I	03	--
CD 552	Print Design – I	03	--
CD 576	Photography – I	03	--
CD 510	History of Design –I	--	02
CD 512	Advertising and Marketing	--	02

3RD YEAR, 2ND SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
CD 560	Visual Communication Design – IV	03	01
CD 561	Illustration – II	03	--
CD 562	Print Design – II	02	--
CD 587	Photography – II	02	--
CD 516	History of Design –II	--	02
CD 517	Research Methodology	--	02
CD 588	Internship	03	

BACHELOR OF COMMUNICATION DESIGN
4TH YEAR, 1ST SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
CD 640	Visual Communication Design – V	03	01
CD 673	Animation	03	--
CD 641	Interaction Design	02	01
CD 642	Design Portfolio	02	--
CD 610	Media Theory	--	02
CD 611	Visual Thinking	--	02

4TH YEAR, 2ND SEMESTER

Course No.	Course Title	Credit Hours	
		Studio	Theory
CD 612	Communication Design (Seminar)	--	02
CD 681	Thesis Project	12	--
CD 683	Written Thesis /Dissertation	--	02

BD (Textile)-II   BACHELOR OF TEXTILE DESIGN - SECOND YEAR

Third Semester		C.H	Fourth Semester		C.H
ENGL 400	English	3	ENGL 401	English	3
SIND 402	Urdu/Sindhi	2	SIND 402	Urdu/Sindhi	2
TD 411	Introduction to History of Art (Classical to Contemporary)	2	TD 414	Introduction to Fibers	2
TD 449	Dye Techniques-I	2	TD 453	Textile Design-II	3
TD 450	Textile Designing-I	3	TD 454	Weaving-II	3
TD 451	Weaving-I	2	TD 455	Dye Techniques-II	2
TD 452	Print Design-I	2	TD 456	Print Design –II	2

BD (Textile)-III   BACHELOR OF TEXTILE DESIGN –THIRD YEAR

Fifth Semester		C.H	Sixth Semester		C.H
TD 503	History of Textile Design-I	2	TD 508	Textile Technology	2
TD 504	Psychology	2	TD 509	History of Textile Design-II	2
TD 579	Block Printing	3	TD 590	Fashion Illustration –I	3
TD 580	Textile Design-III CAD)	3	TD 591	Textile Design-IV (CAD)	3
TD 581	Weaving-III	3	TD 592	Screen Printing	3
TD 582	Embroidery	3	TD 593	Weaving –IV	3
			TD 594	Internship	2

BD (TEXTILE)-IV   BACHELOR OF TEXTILE DESIGN–*FOURTH YEAR*

Seventh Semester		C.H	Eight Semester		C.H
TD 614	History of Textile Design-III	2	TD 618	Textile Design Seminar	2
TD 615	Marketing & Merchandising	2	TD 696	Thesis Project	12
TD 685	Field Work Project	4	TD 698	Written Thesis and Viva Voce	2
TD 686	Weaving –V	4			
TD 687	Textile Design-V (CAD)	4			
TD 688	Fashion Illustration-II	4			

BA (Art History) BACHELOR OF ART HISTORY - *SECOND YEAR*

Third Semester		C.H	Fourth Semester		C.H
ENG 400	English	3	ENG 401	English	2
S/U 402	Sindhi/Urdu	2	S/U 402	Sindhi/Urdu	2
FA 410	History of South Asian Arts and Design	2	FA 425	Drawing-IV	3
FA 415	Drawing -III	3	FA 426	Painting-IV	3
FA 416	Painting -III		AH 455	Introduction to History of Western Art	3
AH 451	Art and Crafts of Indus Valley Civilization-I	4	AH 455	History of Art and Craft in Pakistan	3
			AH 456	Contemporary Art of Pakistan and India	3

BA (Art History) BACHELOR OF ART HISTORY–*THIRD YEAR*

Fifth Semester		C.H	Sixth Semester		C.H
AH 525	History of Islamic Art and Design-I- (622 AD to 1200 AD)	4	AH 530	Traditional Materials and Techniques of Visual Arts	3
AH 526	Egyptian Art and Architecture	4	AH 531	Greek Art	4
AH 527	Art and Craft of Indus Valley Civilization-II	4	AH 532	Roman Art	4
			AH 533	Early Christian and Byzantine Art	4
AH 528	Mughal Miniature Painting	4	AH 534	Indian Art, various schools	3

BA (Art History) BACHELOR OF ART & HISTORY - *FOURTH YEAR*

Seventh Semester		C.H	Eight Semester		C.H
AH 625	History of Islamic Art and Design-II- 1200AD to 1600 AD	4	AH 629	Impressionism and Post Impressionism	4
AH 626	Renaissance Art	4	AH 630	Early 20th Century Art	4
AH 627	Baroque and Rococo Art	4	AH 631	Post Modernism and Contemporary Art	4
AH 628	Early 19th Century Art Movements	4	AH 632	Thesis Project	6

MA (FINE ARTS): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite, BA (Pass) Fine Arts, Pre-Entry Test & Aptitude Test

MA (PREVIOUS)

First Semester		C.H	Second Semester		C.H
FA 500	History of Muslim Painting/ Architecture – I	3	FA 506	History of Muslim Painting/ Architecture – II	3
FA 501	History of Western Art	3	FA 507	Painting	4
FA 502	Painting	4	FA 508	Drawing	3
FA 503	Drawing	3	FA 509	History of Western Art	3
FA 504	Sculpture - III	3			
FA 505	Graphic Design - Printmaking	3			

MA (FINAL)

Third Semester		C.H	Fourth Semester		C.H
FA 600	Sculpture – IV	3	FA 604	History of Western Art	3
FA 601	History of Western Art	3	FA 605	Graphic Design – II	3
FA 602	Painting	4	FA 606	Painting Thesis	8
FA 603	Drawing	3	FA 607	Drawing	3
			FA 608	Final Exhibition	2
			FA 609	Comprehensive Viva – Voce	2

MA (ART EDUCATION): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66 (EVENING)

Pre-requisite, BA (Pass) Fine Arts, Pre-Entry Test &Aptitude Test

MA PREVIOUS

First Semester		C.H	Second Semester		C.H
ARTED 501	History of Pakistani Art and Artists	3	ARTED 506	Introduction to Islamic Art and Design	3
ENGL.	Remedial English	N/C	ENGL.	Remedial English	N/C
ARTED 502	Drawing-I	3	ARTED 507	Drawing-II	3
ARTED 503	Painting-I	3	ARTED 508	Painting II (Illustration)	3
ARTED 504	Basic Design	3	ARTED 509	Introduction to Printmaking	3
ARTED 505	Introduction to Computer Graphics	3	ARTED 510	Computer Added Design	3

MA FINAL

Third Semester		C.H	Fourth Semester		C.H
ARTED 601	Introduction to Indian and Mughal Art	3	ARTED 607	Introduction to Western Art	3
ARTED 602	History of Arts and Crafts of Sindh	3	ARTED 608	Drawing-IV	3
			ARTED 609	Painting-IV	3
ARTED 603	Drawing-III	3	ARTED 610	Introduction to Photography	3
ARTED 604	Painting-III	3	ARTED 611	Written Thesis	3
ARTED 605	Sculpture and Ceramics	3	ARTED 612	Final Exhibition and Viva Voce	3
ARTED 606	Traditional Arts and Crafts	3			

DIPLOMA IN MUSIC & PERFORMING ARTS (DM) (EVENING) ONE YEAR DIPLOMA PROGRAMME (02 SEMESTERS) CH-34

Pre-requisite: S.S.C. or equivalent: Pre-Entry Test.

First Semester		C.H	Second Semester		C.H
DM 101	Introduction to Sindh Music	3	DM 106	History of Music	3
DM 102	Introduction to Sindh Music Instrument	3	DM 107	Sindhi Music Instruments	3
			DM 108	Vocal Performance	3
DM 103	Vocal Performance	3	DM 109	Sindhi Tall System	3
DM 104	Sindhi Tall System	3	DM 110	Shah jo Raag	3
DM 105	Shah jo Raag	3	DM 111	Thesis Performance	4

INSTITUTE OF ENGLISH LANGUAGE AND LITERATURE

The Institute of English Language and Literature was established in 1953 as Department of English. It has produced a good number of scholars, intellectuals, teachers, journalists, officers and personnel of higher caliber, who served and are serving at the Federal and Provincial level in Pakistan and abroad also.

The Institute introduced four-year Bachelor English programmes in 2009, replacing three-year (Hons.) programmes. The syllabi revised as per HEC Curriculum Committee propospal, have been recommended for adoption by the Board of Faculty of Arts and approved by all the statutory bodies. In addition, the Institute started Masters in Linguistics from the year 2009.

The Department of English was upgraded as Institute of English Language and Literature (IELL), in 2007. Currently, it offers BS (4 years) and Masters (2 years) in English Language & Literature and Applied Linguistics. In addition, the IELL offers M.Phil. and Ph. D degrees in both disciplines. The Number of Ph.D. faculty members are around 20. The majority of them have earned degrees from the UK.

The teaching faculty comprises the following:

Memon, Rafique Ahmed, Professor and Pro-Vice Chancellor S.U Campus, Thatta
MA (SU) 1990, M.Ed. 1995 TESOL, Ph.D. TESOL, 2006 (Leeds), UK

Sangi, Muhammad Khan, Professor
MA (S.U.) 1994, DipTEIL (AIOU) 1997, Ph.D. (S.U.) 2009

Soomro, Abdul Fatah, Professor
MA (S.U.) 2000, Ph.D. (Leicester, UK) 2013

Umrani, Tariq Hassan, Professor and **Director**
MA (S.U.) 1999, MA TESOL (Leicester, UK) 2009, Ph.D. (Swansea, UK) 2014

Bughio, Faraz Ali, Professor (On lien)
MA (S.U.) 2000, MA ELT (Sussex, UK) 2008, Ph.D. (Sussex, UK) 2013

Shaikh, Ambreen Shahriar, Associate Professor (On Lien)
MA (S.U.) 2002, MA Applied Linguistics and TESOL (Leicester, UK) 2007, Ph.D. (Goldsmiths, UK) 2013

Ansari, Sanaullah, Associate Professor
MA (S.U.) 2001, Ph.D. (Bedfordshire, UK) 2015

Umrani, Sumera, Associate Professor
MA (S.U.) 2005, M.Sc. (Edinburgh, UK) 2011, Ph.D. (Edinburgh, UK) 2016

Ansari, Komal, Associate Professor
MA (S.U.) 2002, Ph.D. (Bedfordshire, UK) 2015

Memon, Shumaila, Associate Professor (On Lien)
MA (S.U.) 2006, Ph.D. (Bedfordshire, UK) 2015

Panhwar, Abdul Hameed, Associate Professor
MA (S.U.) 2002, Ph.D. (Anglia Ruskin University, UK) 2016

Panhwar, Farida Yasmeen, Assistant Professor
MA (S.U.) 1988, Ph.D. (Sussex, UK)

Buriro, Ghulam Ali, Assistant Professor
MA (S. U) 1995, Diploma in Civics Education (USA) 2005, M.Phil. (Hamdard University, Karachi) 2013, Ph.D. (Hamdard University, Karachi) 2017

Khokhar, Samina Abbas, Assistant Professor
MA (S.U.) 2002, Ph.D. (S.U) 2020

Qadri, Shafqat Ali, Assistant Professor
MA Literature (S.U.) 2004, MA Linguistics (KU) 2006, MS (New Zealand) 2010

Ranjhani, Ishrat, Assistant Professor
MA (S.U) 2002, M.Phil. English Literature (S.U) 2018

Shaikh, Ghazal, Assistant Professor
MA (SU) 2007, MA (University of York, UK) 2013, Ph.D. (University of York, UK) 2017

Lashari, Mubarak Ali, Assistant Professor
MA (SALU) 2003, M.Phil. Linguistics (IIU, Islamabad) 2010, Ph.D. (IIU, Islamabad) 2017

Malik, Waseem, Assistant Professor
MA Literature (SU) 2004, M.Phil. English Literature (BZU, Multan) 2009, Ph.D. (S.U) 2020

Chandio, Saira Naz, Assistant Professor
MA English Litrature (SU) 2007, DIP English (NUML Islamababd) 2009, MA ELT (NUML Islamababd) 2010, M.Phil. (IQRA University Karachi)

Gopang, Illahi Bux, Assistant Professor
MA (SU) 2006, M.Phil. (SU) 2016, Ph.D. (S.U) 2020

Buriro, Ghulam Saqib, Assistant Professor
MA (NUML Islamabad) 2007, M.Phil. (UOA Newzeland) 2012

Brohi, Faiz Muhammad, Assistant Professor (Adhoc)
MA (SU) 2006, Ph.D. English Literature (S.U) 2018

Memon, Nazish, Lecturer
MA (SU) 2010, M.Phil. English Linguistics (S.U.) 2018

Shah, Uzma, Lecturer
MA (SU) 2010

Jaffery, Saima, Lecturer (On study leave)
MA (SU) 2010

Shah, Shoaib Ahmed, Lecturer (On study leave)
MA English Litrature (SU), MA English Linguistics (KU)

Baloch, Paras, Lecturer
MA (SU) 2005

Bhanbhro, Sumera, Lecturer
MA (SU) 2005, M.Phil. English Literature (S.U.) 2018

Rind, Ume Kulsoom, Lecturer (On study leave)
MA (English Litrature) 2010, Ph.D. (S.U) 2020

Abro, Bakhtawar, Lecturer
BS English (SU) 2012, MS Applied Linguistics (MUET) 2017

Abbasi, Ghulam Muhammad, Lecturer
MA English Linguistics (SU)

Shaikh, Marvi, Lecturer
BS (English) 2012, M.Phil. English Linguistics 2018

Khaskheli, Mehtab, Lecturer
MA (SU) 2008, M. Phil.English Literature (SU) 2018

Chandio, Fozia, Lecturer
MA (English) (S.U.) 2007, M.Phil. English Literature 2018

BS (ENGLISH) 04 YEARS DEGREE PROGRAMME (08 SEMESTERS) CH-133

Pre-requisite: H.S.C. or equivalent: Pre-Entry Test.

FIRST YEAR (Applied Linguistics)

First Semester		C.H.	Second Semester		C.H.
ENGL 300	Functional English-I	3	ENGL 301	Functional English-II	3
ENGL 310	Academic Writing	3	ENGL 311	Language Skills	3
ENGL 312	Introduction to Linguistics –I	3	ENGL 313	Introduction to Linguistics –II	3
	Islamic Studies	2		Pakistan Studies	2
	Minor – I	3		Minor – I	3
	Minor – II	3		Minor – II	3

SECOND YEAR (Applied Linguistics)

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 400	English Compulsory-I	3	ENGL 401	English Compulsory-II	3
ENGL 410	History of English Language	3	ENGL 411	History of English Language-II	3
ENGL 412	Phonetics and Phonology	3	ENGL 413	English Syntax	3
	Sindhi/ Urdu/Add.English	3		Sindhi/ Urdu/Add.English	3
	Minor – I	3		Minor – I	3
	Minor – II	3		Minor – II	3

THIRD YEAR (LINGUISTICS)

Fifth Semester		C.H.	Sixth Semester		C.H.
ENGL 550	Language Learning Theories	3	ENGL 555	English Language	3
ENGL 551	Language Planning and Policy	3	ENGL 556	Semantic and Pragmatics	3
ENGL 552	History of Modern Linguistics	3	ENGL 557	English for Specific	3
ENGL 553	Corpus Linguistics	3	ENGL 558	Sociolinguistics	3
ENGL 554	Language Teaching through Literature	3	ENGL 559	Issues in Applied	3

FOURTH YEAR (LINGUISTICS)

Seventh Semester		C.H.	Eight Semester		C.H.
ENGL 650	Syllabus Design and Material Development	3	ENGL 655	Intercultural	3
ENGL 651	Testing & Evaluation	3	ENGL 656	Discourse Analysis	3
ENGL 652	Micro Teaching	3	ENGL 657	Linguistics Survey of Pakistan	3
ENGL 653	Varieties of English	3	ENGL 658	Pedagogical Grammar	3
ENGL 654	Research Methodology	3	ENGL 659	Dissertation/ELT in Pakistan	3
			ENGL 660	Viva-Voce	3

FIRST YEAR (English Language & Literature)

First Semester		C.H.	Second Semester		C.H.
ENGL 300	Functional English-I	3	ENGL 301	Functional English-II	3
ENGL 310	Introduction to English Literature	3	ENGL 311	Language Skills	3
ENGL 312	Academic Writing	3	ENGL 313	Introduction to Linguistics	3
	Islamic Studies (Compulsory)	2		Pakistan Studies (Compulsory)	2
	Minor – I	3		Minor – I	3
	Minor – II	3		Minor – II	3

SECOND YEAR (English Language & Literature)

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 400	English Compulsory-I	3	ENGL 401	English Compulsory-II	3
ENGL 410	English Poetry-I	3	ENGL 411	History of English Language	3
ENGL 412	Prosody and Literary Terms	3	ENGL 413	English Poetry-II	3
	Sindhi/ Urdu/Add.English (Compulsory)	3		Sindhi/ Urdu/Add.English	3
	Minor – I	3		Minor – I	3
	Minor – II	3		Minor – II	3

THIRD YEAR (LITERATURE)

Fifth Semester		C.H.	Sixth Semester		C.H.
ENGL 500	History of English Literature-I	3	ENGL 505	History of English Literature-II	3
ENGL 501	EnglishDrama-I	3	ENGL 506	EnglishDrama-II	3
ENGL 502	Literary Criticism-I	3	ENGL 507	Literary Criticism-II	3
ENGL 503	EnglishProse-I	3	ENGL 508	EnglishProse-II	3
ENGL 504	Introduction to Pakistani Literature in English	3	ENGL 509	English Language Teaching	3

FOURTH YEAR (LINGUISTICS)

Seventh Semester		C.H.	Eight Semester		C.H.
ENGL 600	Syllabus Design& Material Development	3	ENGL 605	Language Teaching Through Literature	3
ENGL 601	Fiction-I	3	ENGL 606	Fiction-II	3
ENGL 602	American Literature	3	ENGL 607	Literary Pedagogy	3
ENGL 603	World Literature	3	ENGL 608	Postcolonial Literature	3
ENGL 604	Research Methodology and Literary Theory	3	ENGL 609	Dissertation/Literary Stylistics	3
			ENGL 610	Viva-Voce	3

MA (ENGLISH): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66 (MORNING & EVENING)

Pre-requisite: Bachelor (Pass) degree, Pre-Entry Test.

MA PREVIOUS (LINGUISTICS)

First Semester		C.H.	Second Semester		C.H.
ENGL 550	Language Learning Theories	3	ENGL 555	English Language Teaching (ELT)	3
ENGL 551	Lexical Studies	3	ENGL 556	Semantic and Pragmatics	3
ENGL 552	History of Modern Linguistics	3	ENGL 557	English for Specific Purpose (ESP)	3
ENGL 553	Phonology and Phonetics	3	ENGL 558	Sociolinguistics	3
ENGL 554	English Syntax	3	ENGL 559	Issues in Applied Linguistics	3

MA (PASS) FINAL (LINGUISTICS)

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 650	Syllabus Design and Material	3	ENGL 655	Intercultural Communication	3
ENGL 651	Testing & Evaluation	3	ENGL 656	Discourse Analysis	3
ENGL 652	Micro Teaching	3	ENGL 657	Linguistics Survey of Pakistan	3
ENGL 653	Varieties of English	3	ENGL 658	Pedagogical Grammar	3
ENGL 654	Research Methodology	3	ENGL 659	ELT in Pakistan	3
			ENGL 661	**OR** Dissertation	3
			ENGL 660	Comprehensive Viva-Voce	3

MA PREVIOUS (LITERATURE)

First Semester		C.H.	Second Semester		C.H.
ENGL 500	History of English Literature-I	3	ENGL 505	History of English Literature-II	3
ENGL 501	English Drama-I	3	ENGL 506	English Drama-II	3
ENGL 502	English Poetry-I	3	ENGL 507	English Poetry-II	3
ENGL 503	English Prose-I	3	ENGL 508	English Prose-II	3
ENGL 504	Prosody and Literary Terms	3	ENGL 509	Major Literary Movements	3

MA (PASS) FINAL (LITERATURE)

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 600	Literary Criticism-I	3	ENGL 651	Literary Criticism-II	3
ENGL 601	Fiction-I	3	ENGL 652	Fiction-II	3
ENGL 602	American Literature	3	ENGL 653	Literary Pedagogy & Practicum	3
ENGL 603	World Literature –I	3	ENGL 654	World Literature- II	3
ENGL 604	Research Methodology	3	ENGL 655	Literary Stylistics	3
			ENGL 657	**OR** Dissertation	3
			ENGL 656	Comprehensive Viva-Voce	3

INSTITUTE OF LANGUAGES (Arabic & Persian)

Institute of Languages was founded in 1970, merging the departments of Arabic and Persian established in 1952. In addition to regular Bachelor, Master, M. Phil and Ph.D. degree Programmes in Arabic and Persian languages, the Institute also offers Diploma Certificate courses in Arabic, Persian, Sindhi, Urdu, Japanese, Chinese, Russian, German, French and Turkish. It has produced 18 Ph.Ds. and presently 80 candidates are enrolled for M. Phil/Ph. D Over the years, the faculty of the Institute has published a large number of research articles and books in various Annual/ Bi-Annual and Quarterly Research Journals/ Magazines, etc.

The teaching faculty comprises the following:

Sodhar, Hafiz Zain-Ul-Abdin, Assistant Professor & **Incharge Director**
MA (Arabic) 1986, Fazil Dars-e- Nizami 1982, MA (I.C) 1990, B.Ed. 1996, M. Ed 1997, MA I.S. 2003, FTG (Islamabad) 1995 & Ph.D. (S.U.) 2005

Pittafi, Mufti Muhammad Sahibdad, Assistant Professor
MA Arabic/ Islamic studies/ Fazil Dars-e- Nizami Eq. Certificate by S.U. 1996, M.Phil. (S.U.) 2011

Chandio, Nazar Hussain, Lecturer
MA (Arabic) 2007 (S.U.)

04 Teaching Assistant

BS (ARABIC): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. or Fazil-e-Arabi or Equivalent.

First Year

First Semester		C.H.	Second Semester		C.H.
AR 310	Basic Arabic Grammer	4	AR 311	Modern Arabic - I	4
ENG 300	English	2	ENG 301	English	2
IS 302	Islamic Studies/ Ethics	1	PS 303	Pakistan Studies	1
AR 306	Classical Arabic & Computer (Compulsory)	3	AR 308	Inheritance and itsMathematical Division (Compulsory)	3
	Minor "A"	2		Minor "A"	2
	Minor "B"			Minor "B"	2

Second Year

Third Semester		C.H.	Fourth Semester		C.H.
AR 410	Functional Arabic - II	4	AR 412	Functional Arabic - III	4
AR 411	Applied Grammer	4	AR 413	Arabic Composition and Dictation	4
ENG 400	English	2	ENG 401	English	2
402	Sindhi/Urdu (Compulsory)	2	402	Sindhi/Urdu (Compulsory)	2
AR 406	Quranic Ethics (Compulsory)	3	AR 408	The Prophets Mentioned in Quran & Historical Importance Of their Areas/places (Compulsory)	3
	Minor "A"	2		Minor "A"	2
	Minor "B"			Minor "B"	2

Third Year

Fifth Semester		C.H.	Sixth Semester		C.H.
AR 500	Translation - I	4	AR 505	Translation - II	4
AR 501	Arabic World	4	AR 506	Introduction to ArabicLanguage	4
AR 502	Quranic Literature	3	AR 507	History of Arabic Literature	3
AR 503	Hadith Literature	3	AR 508	Classical Arabic Prose	3
AR 504	History of Arabic Literature	3	AR 509	Classical Arabic Poetry	3

Fourth Year

Seventh Semester		C.H.	Eighth Semester		C.H.
AR 600	Methodology of research in Arabic	4	AR 604	Arabic Media	4
AR 601	Introduction to Linguistic	4	AR 605	Arabic Literature in sub continent	4
AR 602	Modern Arabic Poetry	4	AR 606	Arabic Literature in Spain	4
AR 603	Modern Arabic Prose	4	AR 607	Mysticism	
			AR 630	Comprehensive Viva-Voce	4

MA (ARABIC): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-70

Pre-requisite: BA (Pass) or B.Sc. or Shahadat ul Aaliya.

MA (First Year)

First Semester		C.H.	Second Semester		C.H.
AR 500	Translation - I	4	AR 505	Translation - II	4
AR 501	Arabic World	4	AR 506	Introduction to ArabicLanguage	4
AR 502	Quranic Literature	3	AR 507	History of Arabic Literature	3
AR 503	Hadith Literature	3	AR 508	Classical Arabic Prose	3
AR 504	History of Arabic Literature	3	AR 509	Classical Arabic Poetry	3

MA (Second Year)

Third Semester		C.H.	Fourth Semester		C.H.
AR 600	Methodology of research in Arabic	4	AR 604	Arabic Media	4
			AR 605	Arabic Literature in sub continent	4
AR 601	Introduction to Linguistic	4	AR 606	Arabic Literature in Spain	4
AR 602	Modern Arabic Poetry	4	AR 607	Mysticism	
AR 603	Modern Arabic Prose	4	AR 630	Comprehensive Viva-Voce	4

BS (PERSIAN): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. or Fazil or Equivalent.

First Year

First Semester		C.H.	Second Semester		C.H.
PER 310	Persian Grammer & Writing - I	4	PER 311	Persian Grammer & Writing - II	4
ENG 300	English	2	ENG 301	English	2
IS 302	Islamic Studies/ Ethics	1	PS 303	Pakistan Studies	1
PER 306	Classical Persian & Computer (Compulsory)	3	PER 308	Inheritance and itsMathematical Division (Compulsory)	3
Minor "A"	2			Minor "A"	2
	Minor "B"			Minor "B"	2

Second Year

Third Semester		C.H.	Fourth Semester		C.H.
PER 410	Functional Persian - II	4	PER 412	Creative Writing	4
PER 411	Communication Skills - I	4	PER 413	Communication Skills - I	4
ENG 400	English	2	ENG 401	English	2
402	Sindhi/Urdu (Compulsory)	2	402	Sindhi/Urdu (Compulsory)	2

PER 406	Quranic Ethics (Compulsory)	3
	Minor "A"	2
	Minor "B"	

PER 408	The Prophets Mentioned in	3
	Quran & Historical Importance	
	Of their Areas/places (Compul.)	
	Minor "A"	2
	Minor "B"	2

MA (PERSIAN): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-70

Pre-requisite: BA (Pass) or B.Sc. or Shahadat ul Aaliya.

MA (First Year)

First Semester		C.H.	Second Semester		C.H.
PER 500	TextTranslation	4	PER 505	Classical Poetry in sub continent	4
PER 501	Classical Pesian Poetry	4	PER 506	Classical Prose in sub continent	4
PER 502	Classical Pesian Prose	3	PER 507	History of Persian Literature-II	3
PER 503	History of Persian Literature-I	3	PER 508	Translation and Interpretation	3
PER 504	Mysticism		PER 509	Persian Linguistics	3

MA (Second Year)

Third Semester		C.H.	Fourth Semester		C.H.
PER 600	Iqbal Studies - I	4	PER 604	Iqbal Studies - II	4
PER 601	ResearchMethodology	4	PER 605	Literary Criticism	4
PER 602	Stylistic	4	PER 606	Modern Persian Peotry	4
PER 603	History of Persian in Sub-Continent	4	PER 607	Arabic Text Comprehensive	4
			PER 630	Comprehensive Viva-Voce	4

Third Year

Fifth Semester		C.H.	Sixth Semester		C.H.
PER 500	TextTranslation	4	PER 505	Classical Poetry in sub continent	4
PER 501	Classical Pesian Poetry	4	PER 506	Classical Prose in sub continent	4
PER 502	Classical Pesian Prose	3	PER 507	History of Persian Literature -II	3
PER 503	History of Persian Literature - I	3	PER 508	Translation and Interpretation	3
PER 504	Mysticism	3	PER 509	Persian Linguistics	3

Fourth Year

Seventh Semester			Eighth Semester		C.H
PER 600	Iqbal Studies - I	4	PER 604	Iqbal Studies - II	
PER 601	ResearchMethodology	4	PER 605	Literary Criticism	
PER 602	Stylistic	4	PER 606	Modern Persian Peotry	
PER 603	History of Persian in Sub-Continent	4	PER 607	Arabic Text Comprehensive	
			PER 630	Comprehensive Viva-Voce	

DEPARTMENT OF PHILOSOPHY

The Department of Philosophy was established in 1952-53 with Late Professor K.A. Hameed, Ph.D. (Berlin) as its first Chairman. Dr. Waheed Ali Farooqui, Dr. S.A. Rahim and Mr. Fareeduddin Shaikh followed later. The Department has been imparting instructions in almost all branches of Philosophy with specialization in such diverse subjects as Philosophy of Science, Sufism, Philosophy of Language, Existentialism and Logic, etc.

The teaching faculty comprises the following:

Leghari, Salma Begum, Assistant Professor
MA Philosophy (S.U.) 1993

Mugheri, Ayaz Hyder, Assistant Professor and Incharge **Chairperson**
MA Philosophy (S.U.)

Abbasi, Bisharat Rasool, Lecturer
MA Philosophy (K. U), M. Phil Philosophy (Govt. College University, Lahore)

Sandeelo, Naveed Hussain, Lecturer
MA Philosophy (S.U.)

Daudpota, Rashid Ali, Lecturer
MA (Philosophy) (S.U.)

BS (PHILOSOPHY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-138

Pre-requisite: H.S.C. or equivalent with 45% minimum marks.

FIRST YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
ENG 300	English	3	ENG 301	English	3
302	Islamic Studies or Ethics-I (Compulsory)	2	303	Islamic Studies or Ethics-I (Compulsory)	2
PHIL 310	History of Philosophy-I	4	PHIL 312	History of Philosophy-II	4
350	Minor Group-A	3	351	Minor Group-A	3
350	Minor Group-B	3	351	Minor Group-B	3

SECOND YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
ENG 400	English	3	ENG 401	English	3
402	Sindhi/Urdu (Compulsory)	2	403	Sindhi/Urdu (Compulsory)	2
PHIL 410	Political Philosophy-I (Seminar)	4	PHIL 412	Political Philosophy-II (Seminar)	4
PHIL 414	Metaphysics & Epistemology	4	PHIL 416	German Idealism	4
450	Minor Group-A	3	451	Minor Group-A	3
450	Minor Group-B	3	451	Minor Group-B	3

THIRD YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
PHIL 500	Logic & Scientific Methods-I	4	PHIL 502	Logic & Scientific Methods-II	4
PHIL 504	Pragmatism		PHIL 506	Feminism-II	
PHIL 508	Critical Theory-I (Seminar)	3	PHIL 510	Critical Theory-II (Seminar)	3
PHIL 512	Ethics	3	PHIL 514	Post Structuralism	3
PHIL 514	Phenomenology	3	PHIL 518	Existentialism	3

FOURTH YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
PHIL 604	Hermeneutics	4	PHIL 606	Philosophy of Science	4
PHIL 616	Contemporary French Philosophy-I	4	PHIL 618	Contemporary French Philosophy-II	4
PHIL 620	Indian Philosophy	4	PHIL 622	Muslim Philosophy	4
PHIL 624	Philosophy of Arts	3	PHIL 626	Philosophy of Religion	3
PHIL 628	Sufism	3	PHIL 630	Shah Abdul Latif Bhittai	3
			PHIL 634	Comprehensive Viva Voce	2

MA (PHILOSOPHY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-72

Pre-requisite: Bachelor degree preferably with Philosophy as one of the elective subjects, Pre-Entry Test.

MA (Previous)

First Semester		C.H.	Second Semester		C.H.
PHIL 500	History of Philosophy-I	4	PHIL 502	History of Philosophy-II	4
PHIL 504	Continental Rationalism & British Empiricism	4	PHIL 506	German Idealism	4
			PHIL 510	Feminism	3
PHIL 508	Ethics	3	PHIL 534	Philosophy of Art-II	4
PHIL 532	Philosophy of Art-I Optional Sufism-I	3		Optional Sufism-II Optional Shah Abdul Latif Bhittai	
PHIL 516	Indian Philosophy	4	PHIL 518	Muslim Philosophy	3

MA (Final)

First Semester		C.H.	Second Semester		C.H.
PHIL 604	Critical Theory-I (Seminar)	4	PHIL 606	Critical Theory-II (Seminar)	3
PHIL 608	Political Philosophy-I (Seminar)	4	PHIL 610	Political Philosophy-II (Seminar)	4
PHIL 612	Phenomenology OR Philosophy of History (optional)	3	PHIL 614	Existentialism OR Philosophy of History (Optional)	3
PHIL 616	Logic & Scientific Methods-I	4	PHIL 618	Logic & Scientific Methods-II	4
PHIL 628	Sufism	3	PHIL 630	Shah Abdul Latif Bhittai or Philosophy of Religion (optional)	2
			PHIL 640	Comprehensive Viva Voce	2

DEPARTMENT OF SINDHI

The Department of Sindhi was established in the tenure of Founder Vice Chancellor, University of Sindh, Allama I.I Kazi, in 1952, at the Elsa Kazi Campus Hyderabad. Dr. N.A Baloch became the first Head of the Department. This Department has a bright history in education and research; it offers BS 4 Year, M.Phil./MS & Ph.D. Programmes in Sindhi Language and Literature to attain mastery in ideology and Ethics of the life. Sindhi Department has awarded 75 Ph.D. & 15 M.Phil. Degrees. The Department has been publishing Research Journal since 1962 with different names such as Sindhi **Shefo (1962), Sookhri (1964), Saughat (1966), Poorab (1970), Parkh (1977) and Keenjher**, the last one is being regularly published since 1987 to-date. These journals carry significant importance in the field of Sindhi Language and Literary research. Shah Abdul Latif Research Cell was established in the Department to carryout research for exploring universal values of human life from the poetry of Shah Abdul Latif Bhitai to benefit the society. Extension lectures are also a part of the academic activities of the Department. Lectures of prominent literary scholars are being arranged in every semester in order to promote literary research and disseminate the classical message of life to the society.

The teaching faculty comprises the following:

Muhammad Ishaq, Professor & **Chairman**
MA (S.U.) 1998, Ph.D. (S.U.) 2014

Syed Noor Muhammad Shah, Associate Professor
MA (S.U.) 1997, Ph.D. (S.U.) 2017

Pitafi, Shazia, Associate Professor
MA (K.U) 2004, Ph.D. (KU) 2014

Kaka, Nawab, Assistant Professor
MA (S.U.) 2003, Ph.D. (S.U.) 2015

Sayed, Rushdullah Shah, Assistant Professor
MA (S.U.) 2001, Ph.D. (KU) 2008

Chandio, Bashir Ahmed, Assistant Professor
MA, Ph.D. (SU)

Mallah, Rehana, Assistant Professor
MA (SU) 2001, Ph.D. (SU) 2005

BS (SINDHI): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-146

Pre-requisite: H.S.C. or equivalent. Pre- Entry Test

FIRST YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
ENG 300	Remedial English	3	ENG 301	English	3
IS/ET 300	Islamic Studies or Ethics for non muslims	2	PS 303	Pakistan Studies	2
SC 306	Introduction to Information Technology	3	SC 306	Introduction to Programmemesming Languages	3
SIND 310	Introduction to Sindhi Literature	4	SIND 312	Prose (Drama & Novel)	4
	Minor-A	3		Minor-A	3
	Minor-B	3		Minor-B	3

SECOND YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
ENG 400	English	3	SIND 412	Modern Poetry	2
SIND 402	Sindhi Compulsory	2	SIND 413	Prose (Autobiography, Biography, Portraits &Columns)	2
SIND 406	MS Windows XP and MS Office XP	3			
SIND 410	Forms of Poetry (Classical & Arozi)	2	SIND/SC 408	Webpage Designing in Sindhi	3
SIND 411	Prose (Travelogues Letters Diaries)	2	ENG 401	English	3
	Minor-A	3	SIND 403	Sindhi Compulsory	2
	Minor-B	3		Sindhi Minor-A	3
				Sindhi Minor-B	3

THIRD YEAR

First Semester		C.H.	Second Semester		C.H.
SIND 501	Classical Poetry-I	3	SIND 506	Classical Poetry-II	3
SIND 502	Folk Literature-I	4	SIND 507	Folk Literature-II	4
SIND 503	Literary Criticism-I	3	SIND 508	Literary Criticism-II	4
SIND 504	Aruzi Poetry-I	4	SIND 509	Aruzi Poetry-II	4
SIND 505	Modern Poetry-I	4	SIND 510	Modern Poetry-II	3

FOURTH YEAR

First Semester		C.H.	Second Semester		C.H.
SIND 601	Shah Abdul Latif Studies	4	SIND 606	Vadantic Poetry	4
SIND 602	General Linguistics-I	4	SIND 607	Sindhi Linguistics-II	4
SIND 603	Evaluation of Sindhi Prose-I	4	SIND 608	Evaluation of Sindhi Prose-II	4
SIND 604	Sindhi Translations of world literature	3	SIND 609	Literary Trends of World Literature	4
			SIND 610	Monograph	2
SIND 605	Research Methodology	3	SIND 611	Comprehensive Viva-Voce	2

MA (SINDHI): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: Bachelor degree, preferably with Sindhi as one of the elective subjects.

MA (PREVIOUS)

First Semester		C.H.	Second Semester		C.H.
SIND 501	Classical Poetry-I	3	SIND 506	Classical Poetry-II	3
SIND 502	Folk Literature-I	4	SIND 507	Folk Literature-II	4
SIND 503	Literary Criticism-I	3	SIND 508	Literary Criticism-II	4
SIND 504	Aruzi Poetry –I	4	SIND 509	Aruzi Poetry-II	3
SIND 505	Modern Poetry-I	4	SIND 510	Modern Poetry-II	4

MA (PASS) FINAL

First Semester		C.H.	Second Semester		C.H.
SIND 601	Shah Abdul Latif Studies	4	SIND 606	Vadantic Poetry	4
SIND 602	General Linguistics	4	SIND 607	Sindhi Linguistics	4
SIND 603	Evolution of Sindhi Prose –I	4	SIND 608	Evaluation of Sindhi Prose-II	4
SIND 604	Sindhi Translations of world literature	3	SIND 609	Literary Trends of world literature	4
			SIND 610	Monograph	2
SIND 605	Research Methodology	2	SIND 611	Comprehensive Viva-Voce	2

DEPARTMENT OF URDU

The Department of Urdu started functioning in the academic year 1952-53, at the University of Sindh, Elsa Kazi Campus, Hyderabad. Its first chairman was Professor Qazi Ghulam Murtaza. Later Prof. Dr. Ghulam Mustafa Khan took over as chairman. M.Phil & Ph.D. Research was started in 1956. The First Annual Journal "Sareer-e-Khama" was first published in 1960. The other Research Journal "TAHQIQ", that has achieved the reputation and outstanding fame as a literary journal was first published in 1987. The department is proud to mention that 8 volumes of "Sareer-e-Khama" and 34 volumes of "THAQIQ" have been published to-date. The Department has awarded one D. Litt, 73 Doctoral & 9 M.Phil. Degrees to date; some of the recipients are noted scholars. Out of 73 Doctoral Degrees awarded in Urdu, 40 Ph. D Scholars were supervised by (Late) Dr. Ghulam Mustafa Khan. This is the second highest number in University of Sindh.

The Department organises different literary functions from time to time. In addition to this, seminar on *"Dr. Ghulam Mustafa Khan"* is also arranged regularly each year, while under *"Dr. Najam-ul-Islam Lecture Series"*, eminent scholars from all over the country are invited to deliver lecture.

The teaching faculty comprises the following:

Shazra, Assistant Professor & **Incharge Chairperson**
MA 2005 (K.U), Ph.D. 2014 (K.U)

Syed, Javed Iqbal, Professor and **Dean**
MA 1987, M. Phil 1995, Ph.D. 2002 (S.U.)

Abida Huma, Assistant Professor
MA 2002 (S.U.)

BS (URDU) 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136
Pre-requisite: H.S.C. or equivalent. Pre- Entry Test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 300	English	3	ENG 301	English	3
ISST 302	Islamic Studies/ Any other Subject	2	PKST 303	Pakistan Studies/Any other Subject	2
URD 310	Poetic Genres: Introduction and Analysis (Major)	4	URD 312	Prose Genres: Introduction and Analysis (Major)	4
MH 350	Muslim History/Any other subject	3	MH 351	Muslim History/Any other subject	3
URD 350	Urdu Poetry-I (Minor-I)	3	URD 351	Urdu Poetry-2 (Minor-I)	3

SECOND YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 400	English	3	ENG 401	English	3
URD 402	Urdu Compulsory	2	URD 403	Urdu Compulsory (Prose-I)	2
URD 410	Classical Literature (Poetry) Introduction & Analysis P-I	3	URD 412	Classical Literature (Prose) Introduction & Analysis	3
URD 411	Urdu Language: Rules and Principles P-II	3	URD 413	Writings Practice (Pratical Aspect)	3
MH 450	Muslim History/Any other subject	3	MH 451	Muslim History/Any other subject	3
URD 450	Prose-I (Minor-2)	3	URD 451	Urdu Prose-II (Minor-2)	3

THIRD YEAR

First Semester		C.H.	Second Semester		C.H.
URD 501	History of Urdu Language	3	URD 506	History of Urdu Literature: An Aesthetic Analysis	4
URD 502	Urdu Story and Novel: Conceptual and Technical Discussion	3	URD 507	Urdu Short story & Drama: Conceptual and Technical Study	4
URD 503	Study of Urdu Stylistics	4	URD 508	An AnalysisImportant Literary Trends of Urdu	3
URD 504	Urdu Poetry in Classical Age	4	URD 509	Urdu Peotry in Classical Age	3
URD 505	A Critical study of Classical Urdu Poetry in Pakistani Languages (in the Perspective of Urdu Poetary	4	URD 510	Rudimentary Arabic and Persian	4

FOUR YEAR

First Semester		C.H.	Second Semester		C.H.
URD 601	Criticism – I		URD 606	Criticism – II	4
URD 602	Principles of Research	4	URD 607	Linguistics	4
URD 603	Urdu Literature in Twentieth Century (Poetry)	3	URD 608	Urdu Poetry in Twentieth Century (Prose)	3
URD 604	Literature and Mass Media	3	URD 609	Lexicography: Techniques and Tradition	3
URD 605	Exclusive Studies (Optional) / Monograph Writing	4	URD 610	Exclusive Study/ Monograph Writing	4

MA (URDU): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-70
Pre-requisite: Bachelor degree preferably with Urdu as one of the elective subjects.

MA (Previous)

First Semester		C.H.	Second Semester		C.H.
URD 501	History of Urdu Language	3	URD 506	A Short Study of History in Urdu Language	4
URD 502	Urdu Dastan and Novel: Conceptual and Technical Study	3	URD 507	Urdu Short story & Drama: Conceptual and Technical Study	4
URD 503	Study of Urdu Stylistics	3	URD 508	Important Literary Trends of Urdu	3
URD 504	Urdu Poetry in Classical Age-I	4	URD 509	Urdu Peotry in Classical Age-II	3
URD 505	A Critical study of Classical Urdu Poetry in Pakistani Languages (in the Perspective of Urdu Poetary	4	URD 510	Rudimentary Arabic and Persian	4

MA (Final)

First Semester		C.H.	Second Semester		C.H.
URD 601	Criticism – I		URD 606	Criticism – II	4
URD 602	Principles of Research	4	URD 607	Linguistics	4
URD 603	Urdu Literature in Twentieth Century (Poetry)	3	URD 608	Urdu Poetry in Twentieth Century (Prose)	3
URD 604	Literature and Mass Media	3	URD 609	Lexicography: Techniques and Tradition	3
URD 605	Special Studies (Optional) / Monograph Writing	4	URD 610	Special Study/ Monograph Writing	4

FACULTY OF
COMMERCE AND BUSINESS ADMINISTRATION

The Faculty of Commerce and Business Administration was established in 1989, with Late Professor Muhammad Yaqoob Ansari as its first Dean.

The Faculty comprises Institute of Commerce that had been functioning as department under the then Faculty of Arts since 1963, (raised to the status of the Institute in 2004) and the Institute of Business Administration is functioning since 1979. Prof. Dr. Jawed Ahmed Chandio is presently the Dean of Faculty.

1. **Institute of Commerce**

2. **Institute of Business Administration**

Prof. Dr. Jawed Ahmed Chandio
Dean
Ph.D (University of Karachi)

The Faculty of Commerce and Business Administration has produced thousands of Commerce and Business Administration Graduates those are now occupying key positions in the private and public sector orgnaizations of the country and abroad. The role of Commerce & Business Graduates in development of economy is tremendous and the Commerce and Businesse Administration degree holders are highly paid employees and majority also prefer to go for Entrepreneurship.

These disciplines are at first & second choice of the students' in seeking admissions, due to high marketability and employability.

PROGRAMMES

INSTITUTE OF COMMERCE

BS (Commerce) 04 year

BS (Banking & Finance) 04 year

BS (Commerce) Evening 4 year

M.Com (Pass) 02 year

INSTITUTE OF BUSINESS ADMINISTRATION

B.B.A (Hons) 04 year

B.B.A (Hons) Evening 04 year

B.B.A (Hons) Evening 04 year @ Elsa Kazi Campus, Hyderabad

M.B.A (Hons) 02 year

M.B.A 04 year

M.B.A (Evening) 02 year (06 Semester)

INSTITUTE OF COMMERCE

Department of Commerce was established in the year 1963 at Elsa Kazi Campus Hyderabad also known as Old Campus, Hyderabad. The Department was shifted to Allama I.I. Kazi Campus in 1970. The Commerce department has been functioning in its new premises near the Central Library of the University since 1999 and, simultaneously it was upgraded as Institute and was titled as Institute of Commerce in the year 2004.

The Institute introduced 4 year BS (Commerce) in 2007. BS (Commerce) 4-year Programme is of 8- semesters, 142 CH, covering 48 courses. The Institute of Commerce has initiated to establish a new entity "Department of Banking and Finance BS (Banking and Finance) 4-year Programme of 8-semesters is already in effect since 2019.

The candidates after successful completion of the course will be eligible for job in BPS 17 in Public/ Private Organizations as per Federal Government Notification. The 4-year degree is equivalent to 16 years' degree i. e. M. Com which is equivalent in status and job requirement. Two-year M.Com. (Pass) Programme with specialization in Marketing, Accounting and Finance are to continue also.

This Institute has been imparting quality education. Courses have been designed to equip students with professional skills and knowledge to take their place as leaders in the world of Business, Commerce or any other profession they may choose to pursue. The Institute has highly qualified faculty possessing MS/M.Phil and Ph.D. degrees and they have good number of publications in the Research Journals of national and international repute. The curriculum as noted above is relevant to the changing needs of society.

The Institute has well- equipped Computer Laboratory with latest software to provide training to the students. It has an excellent Seminar Library with more than 7500 text and reference books on Management, Marketing, Accounting, Finance, Economics and others. The Institute also offers 2 years M. S (Commerce) related disciplines M.Phil. Programme in Commerce and 18 CH Ph.D. course work.

The teaching faculty comprises the following:

Soomro, Muneeruddin, Professor
M.Com. 1984, LLB (S.U.) 1989, Ph.D. (HIMS) 2006

Chandio, Javed Ahmed, Professor **and Dean**
M.Com. (S. U) 1991, M.Phil. (S.U.) 2005, Ph.D. (University of Karachi)

Jhatiyal, Ashique Ali, Professor and **Director**
M.Com. (S. U) 1998, M.Phil. (S.U.) 2004, Ph.D. (UK) 2011

Halepoto, Jamshed Adil, Professor (On Lien)
M.Com. (S.U.) 1998, Ph.D. (UK) 2012

Mahesar, Hakim Ali, Associate Professor
M.Com. (S.U.) 2001, Ph.D. (U.K) 2015

Abro, Muhammad Hafeez, Assistant Professor
M.Com. (S.U.) 1991

Kazi, Nusrat Fatima, Assistant Professor
M.Com. (S.U.) 1991

Bhatia, Aneel Kumar, Assistant Professor
M.Sc. Computer Sc. (S.U.) 1991, MS (MUET)

Kazi, Mumtaz Ahmed, Assistant Professor
M.Com. (S.U.) 1998

Shaikh, Najia, Assistant Professor
M.Com. (S.U.) 2001, MS (PAF-KIET University of Karachi)

Siddiqui, Mehtab Begum, Assistant Professor
M.Com. (S.U.) 2001, MS (MUET)

Memon, Sadia, Assistant Professor
M.Com. (S.U.) 2006, Ph.D. (S.U)

Bhaban, Ashfaque Ahmed, Assistant Professor (Adhoc)
M.Com. (S.U.) 2001, Ph.D. (China)

Sahito, Asghar Ali, Lecturer
M.Com 2008

Kunbher, Mehtab, Lecturer
BS (Commerce) 2011, MS (2015)

Mahesar, Abdul Jaleel, Lecturer
BS (Commerce) 2013, MS (S.U)

Khoso, Masood Abbas, Lecturer (On Study Leave)
M.Com 2014

BS (COMMERCE): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-142 (MORNING & EVENING)

Pre-requisite: H.S.C. Arts/ Science/ Commerce/ Diploma in Commerce, with at least 45% marks. First preference to candidates with Commerce background and to Diploma holders with 55% score: Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
COM 302	Introduction to Business	3	COM 352	Business Statistics	3
COM 303	Micro Economics	3	COM 353	Macro Economics	3
COM 304	Business Mathematics	3	COM 355	Computer Application in Business	3
COM 305	Functional English	3	COM 356	Pakistan Studies	2
COM 306	Islamic Studies/Ethics	2	COM 361	Financial Accounting	3
COM 311	Principles of Accounting	3	COM 362	Business Communication	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
COM 401	Advanced Accounting-I	3	COM 452	Auditing	3
COM 402	Business Law	3	COM 453	Cost Accounting	3
COM 412	Economic issues of Pakistan	3	COM 461	Advanced Accounting-II	3
COM 413	Inferential Statistics	3	COM 462	Financial Institutions	3
COM 414	Introduction to Business Finance	3	COM 463	Business Taxation	3
COM 415	Introduction to Psychology	3	COM 464	Technical Writing and Presentation Skills	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
COM 501	Principles of Management	3	COM 556	Research Project Report and Viva Voce	3
COM 502	Principles of Marketing	3	COM 562	Logical and Critical Thinking	3
COM 503	Managerial Economics	3	COM 563	Principles of Risk Management And Insurance	3
COM 504	Financial Management	3	COM 564	Managerial Accounting	3
COM 522	Introdution to Sociology	3	COM 565	Human Resource Management	3
COM 523	Business Research Methods	3	COM 566	Entrepreneurship and SMEs	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
COM 601	Organizational Behaviour	3	COM 652	International Business	3
COM 603	Investment and Portfolio Management	3	COM 653	Strategic Management	3
COM 604	Electronic Commerce (E-Commerce)	3	COM 654	Business Internship Report and Viva Voce	3
COM 612	Operations Management	3	COM 672	Corporate Governance	3
COM	Elective - I	3	COM	Elective - III	3
COM	Elective - II	3	COM	Elective - IV	3

Note: Specialization will be offered subject to the availability of faculty in relevant field and required number of students as per University Policies.

Specializations Courses: (BS (Commerce) 04 Years Programme) New Revised syllabi 2017 onwards

Note: The details course outlines of these optional courses will be prepared by the faculty and provided to the students accordingly.

1. Accounting (Any Four (2+2) Courses)		C.H.	2. Finance (Any Four (2+2) Courses)		C.H.
COM 701	Advanced Accounting and Practice	3	COM 721	Islamic Finance	3
COM 702	Public Sector Accounting	3	COM 722	Corporate Finance	3
COM 703	Advanced Auditing	3	COM 723	Project Management	3
COM 704	Cost Accounting Application	3	COM 724	Specialized Financial Institutions	3
COM 705	Corporate Reporting	3	COM 725	International Finance	3
COM 706	Accounting for Associations Not-for-Profit	3	COM 726	Treasury and Fund Management	3
COM 707	Strategic Management Accounting	3	COM 727	Risk Management	3
			COM 728	Financial Markets and Institutions	3
COM 708	Accounting Information System	3	COM 729	International Financial Management	3
COM 709	Cost Accouting for Selected Sectors	3	COM 730	Islamic Modes of Financing	3
COM 710	Group Accounting	3	COM 731	Financial Derivatives Theory and Practice	3
COM 711	International Accounting and Accouting for MNCs	3	COM 732	Analysis of Financial Statements	3
COM 712	Forensic Accounting	3	COM 733	Financial Appraisal	3
			COM 734	International Trade Finance and Foreign Exchange Operations	3
			COM 735	Financial Regulatory Institutions Status, Functions and Role	3
			COM 736	Financing for SMEs	3

3.Marketing (Any Four (2+2) Courses)		C.H.	4. Banking (Any Four (2+2) Courses)		C.H.
COM 741	International Marketing	3	COM 761	Banking Law & Practice	3
COM 742	Marketing Management	3	COM 762	International Banking	3
COM 743	Retail Management	3	COM 763	Treasury and Fund Management	3

COM 744	Marketing Communication	3
COM 745	Marketing Research	3
COM 746	Hotel and Restaurant Management	3

COM 764	Regulation of Financial Institutions	3
COM 765	Marketing of Financial Services	3
COM 766	Islamic Banking	3
COM 767	Dynamics of Consumer Banking	3
COM 768	Islamic Banking and Finance	3
COM 769	Credit and Risk Management in Banking Sector	3
COM 770	E-Banking	3
COM 771	NBFCs and Micro-financing	3
COM 772	Central Banking and International Global Banking	3
COM 773	Management of Banking Opertions	3

M.COM (COMMERCE): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-72

Pre-requisite: B. Com. (Pass) degree. Pre-entry test

M. COM PREVIOUS COURSES: -

First Semester		C.H.
COM 501	Principles of Management	3
COM 505	Research Methods in Business	3
COM 511	Fundamentals of Marketing	3
COM 522	Introduction to Sociology	3
COM 531	Managerial Economics	3
COM 561	Financial Management	3
ENG540	Remedial English-I	NC

Second Semester		C.H.
COM 551	Computer Applications to Business	3
COM 554	Entrepreneurship	3
COM 562	Logical and Critical Thinking	3
COM 563	Principles of Risk Management And Insurance	3
COM 564	Managerial Accounting	3
COM 591	Human Resource Management	3
ENG 540	Remedial English-II	NC

M.COM (PASS) FINALYEAR COURSES: -

Third Semester		C.H.
COM 604	E-Commerce	3
COM 611	Organizational Behaviour	3
COM 612	Operations Management	3
COM 643	Investment Analysis & Portfolio Management	3
COM	Elective – I	3
COM	Elective – II	3

Fourth Semester		C.H.
COM 652	International Business	3
COM 653	Strategic Management	3
COM 654	Business Internship Report & Viva voce	3
COM 672	Corporate Governance	3
COM	Elective – III	3
COM	Elective – IV	3

Specialization Courses (M. Com Pass Programme): New Syllabus 2017 onwards

Note: The detailed course outlines of these optional courses will be prepared by the faculty and provided to the students accordingly. Specialization will be offered subject to availability of faculty in relevant field and required number of students as per BASR/DRGS Policies

1. Accounting Courses		C.H.
COM 631	Advanced Accounting Theory & Problem	3
COM 633	Accounting in Public Sector	3
COM 634	Advanced Auditing Theory & Practice	3
COM 635	Managerial Accounting for selected Industries	3
COM 636	Analysis of Financial Statements	3
COM 637	Accounting Information Systems	3
COM 638	Forensic Accounting	3
COM 639	Strategic Management Accounting	3
COM 640	International Accounting and Accounting for MNCs	3

2. Finance Courses		C.H.
COM 641	Islamic Principles of Finance	3
COM 647	Islamic Modes of Financing	3
COM 648	Analysis of Financial Statements	3
COM 649	International Financial Management	3
COM 650	Treasury and Fund Management	3
COM 662	Risk Management	3
COM 663	Financial Markets & Institutions	3
COM 664	Financial Regulatory Institutions Status, Functions and Role	3
COM 665	Financial Derivatives- Theory and Practice	3
COM 666	Financial Appraisal	3
COM 667	International Trade Finance & Foreign Exchange Operations	3

3. Marketing Courses		C.H.
COM 645	Marketing Management	3
COM 646	Retailing Management	3
COM 673	International Marketing	3
COM 674	Marketing Communication	3
COM 675	Advertising Management	3
COM 696	Marketing Research	3

4. Banking Courses		C.H.
COM 683	Banking Laws & Practice	3
COM 684	International Banking	3
COM 685	Islamic Banking	3
COM 686	Dynamics of Consumer Banking	3
COM 687	Islamic Banking and Finance	3
COM 688	Credit and Risk Management in banking sector	3
COM 689	E-banking	3
COM 690	Financing for SMEs'	3

DEPARTMENT OF BANKING & FINANCE

Curriculum of BS (Banking & Finance) 04 Years Degree Programme Approved from Board of Study held on 04-05-2018

BS (BANKING & FINANCE): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-142

Pre-requisite: H.S.C. Arts/Science/Commerce with at least 45% marks & Pre-entry test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
BF 101	Introduction to Business	3	BF 201	Principles of Statistics	3
BF 102	Principles of Accounting	3	BF 202	Economics (Macro)	3
BF 103	Economics (Micro)	3	BF 203	Computer Application in Business	3
BF 104	Business Mathematics	3	BF 204	Pakistan Studies	2
BF 105	Functional English	3	BF 205	Financial Accounting	3
BF 106	Islamic Studies/Ethics	2	BF 206	Business Communication and Report Writing	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
BF 301	Money and Banking	3	BF 401	Financial Markets & Institutions	3
BF 302	Commercial/Business Law	3	BF 402	Public Finance	3
BF 303	Advanced Accounting	3	BF 403	Cost Accounting	3
BF 304	Introduction to Business Finance	3	BF 404	Auditing	3
BF 305	Introduction to Islamic Economics	3	BF 405	Bank Marketing	3
BF 306	Financial Mathematics	3	BF 406	Business Taxation	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
BF 501	Principles of Management	3	BF 601	Risk Management & Insurance	3
BF 502	Financial Management	3	BF 602	Research Project Report and Viva Voce	3
BF 503	Managerial Economics	3	BF 603	Entrepreneurship & SMEs	3
BF 504	Banking Laws and Practices	3	BF 604	Islamic Modes of Financing	3
BF 522	Business Research Methods	3	BF 605	Dynamic of Consumer Banking	3
BF 523	Introduction to Sociology	3	BF 606	E-Banking	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
BF 701	Investment and Portfolio Management	3	BF 801	Strategic Management	3
BF 702	Corporate Finance	3	BF 802	Business Internship Report and Viva Voce	3
BF 703	Management of Banking Operations	3	BF 803	Credit and Risk Management in Banking Sector	3
BF 704	International Corporate Governance	3	BF 804	Financial Derivatives- Theory & Practice	3
BF	Elective – I (Banking)	3	BF	Elective – III (Finance)	3
BF	Elective – II (Banking)	3	BF	Elective – IV (Finance)	3

Note: Specialization will be offered subject to the availability of faculty in relevant field and required number of students as per University Policies.

Specializations Courses: (BS (BANKING & FINANCE) 04 YEARS PROGRAMME

Note: The detailed course outlines of these optional courses will be prepared by the faculty and provided to the students accordingly.

First Semester		C.H.	Second Semester		C.H.
BF 821	Financial Markets & Institutions	3	BF 721	Islamic Banking	3
BF 822	International Finance	3	BF 722	Central Banking & International Global Banking	3
BF 823	Analysis of Financial Statements	3			
BF 824	Financial Appraisal	3	BF 723	Management of Banking operation	3
BF 825	International Trade Financial & Foreign exchange operations	3	BF 724	Treasury & Fund Management	2
			BF 725	NBFCs and Micro Finance	3
BF 826	Financial Regulatory Institutions Status, Functions and Role	3			

INSTITUTE OF BUSINESS ADMINISTRATION

IBA is a prestigious Institute of University of Sindh, it was established in 1979. IBA is committed to serve community by imparting research-oriented knowledge. We aim to sustain a meritorious culture of continuous improvement that encourages leadership, entrepreneurial capacity, global sensitivity and ethical consciousness in our graduates to flourish and contribute meaningfully to society. The total number of students enrolled in various degree Programmes in morning and evening batches are approximately 2200. We continuously update our curricula in order to meet ever-changing needs of the business market.

IBA offers the following Programmes.

1. BBA (Hons) 4-year Programme (136 CHs)
2.* MBA (Pass) 4-year Programme (96 CHs)
3. MBA (Hons) 2-year Programme (36 CHs)
4. MBA (Evening) 2-year Programme (69 CHs)

*** Note:** Previously offered MBA (Pass) 2-year Programme has been closed. However, the newly offered Programme of MBA (Pass) 4-year Programme can be converted into the degree of Bachelor of Business Studies (BBS) after completion of 2-years with 60 CHs.

The teaching faculty comprises the following:

Khoso, Imamuddin, Professor & Focal Person Mirpurkhas Campus
MBA (S.U.), Ph.D. (Japan) 2008, Post Doc. (Canada) 2011

Shah, Syed Abdul Sattar, Professor and **Director**
MBA (S.U.), Ph.D. (MUISTD) 2015

Channa, Nizamuddin, Professor,
M.Sc Computer Sc. (S.U.) 1993, Ph.D. (China) 2006, Post Doctorate (U.K) 2011

Shah, Aisha Bashir, Professor
MBA (S. U), M.Phil. (S.U.) 2013, Ph.D. (S.U.) 2017

Jariko, Mushtaque Ali, Professor
MBA (S.U.), Ph.D. (Denmark) 2017

Lashari, Intzar Ali, Professor
M.Sc Computer Science (S.U.), Ph.D. (Denmark) 2017

Pathan, Saima, Professor,
MBA (S.U.), Ph.D. (UK) 2013

Shah, Sobia Shafaq, Associate Professor
MBA (S.U.), Ph.D. (UK) 2016

Shaikh, Maria Aijaz, Associate Professor
MBA (S.U.), M.Phil. (S.U.) 2013, Ph.D. (S.U.) 2017

Bhutto, Saima Tabassum, Associate Professor (On Lien)
MBA (S.U.), M.S (Hamdrad University), Ph.D. (Karachi University)

Memon, Muhammad, Assistant Professor,
MBA (S. U) 1993, M.Phil. (IQRA) 2013, (Ph.D. Scholar)

Parmar, Vishnu, Assistant Professor
MBA (S.U.) 1992, MS (SZABIST) 2007, Ph.D. (S.U.) 2018

Memon, Shoaib Karim, Assistant Professor (on Study Leave)
M.Sc Computer Science (S.U.), (Ph.D. Scholar)

Shaikh, Sanober Rehman, Assistant Professor
MBA (S.U.), Ph.D. (Thailand) 2017

Jalbani, Hina Arif, Assistant Professor
MBA (S. U) 2002, (M. Phil Scholar)

Shah, Karim Bux, Assistant Professor
MBA (S. U), M.Phil. (IQRA) 2012, Ph.D. (Malaysia) 2018

Katper, Naveeda, Assistant Professor
MBA (S.U.), M.Phil. (IQRA) 2012, Ph.D. (Malaysia) 2017

Shaikh, Ahsanul Haq, Assistant Professor (on study leave)
MBA (S.U.), M.Phil. (S.U.) 2013, (Ph.D. Scholar)

Qureshi, Fiza, Assistant Professor (Adhoc)
MBA (S.U.), Ph.D. (Malaysia) 2017

Memon, Seema, Assistant Professor
MBA (S.U.), MS (BIZTEK) 2015, (Ph.D. Scholar)

Shaikh, Samiuddin, Assistant Professor
MBA (S.U.) 2007, MA Sociology (S.U.) 2009, MS (MUISTD) 2012, Ph.D. (S.U.) 2018

Khaskhelly, Farhan Zeb, Assistant Professor (Adhoc)
MBA (S. U), L.LB (S.U.), Ph.D. (S.U.) 2018

Shahani, Akram Khan, Assistant Professor
BBA (SZABIST), MS (UK) 2007, (Ph.D. Scholar)

Khawaja, Paras, Assistant Professor
BBA (S.U.), MBA (SZABIST) 2014, (Ph.D. Scholar)

Memon, Tania Mushtaque, Assistant Professor (Adhoc)
MBA (S.U) 2001, Ph.D. (Roskilde University, Denmark) 2017

Channar, Paras, Lecturer
MBA (S.U.), MS HRM (MUISTD) 2018, (Ph.D. Scholar)

Shaikh, Erum, Teaching Assistant
MBA (S.U.) 2009, (Ph.D. Scholar)

Baloch, Saira, Teaching Assistant
MBA (S. U) 2007, M.Phil. (S.U.) 2017, (Ph.D. Scholar)

Hunain Haider, Teaching Assistant
MBA (S.U.)

BACHELOR OF BUSINESS ADMINISTRATION BBA (HONS): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136 (MORNING & EVENING)

Pre-requisite: - H.S.C. with at least 60% aggregate marks. Candidates with Intermediate Arts must have offered one of the Social Science subjects as elective at H.S.C. level.

A. Business Administration Core Courses Requirements:

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
BUS 301	Freshman English-I	3	BUS 311	Freshman English-II	3
BUS 302	Introduction to Computer Applications	3	BUS 312	Macro Economics	3
BUS 303	Pakistan Studies	2	BUS 313	Introduction to Management	3
BUS 304	Islamic Studies/Ethics	2	BUS 314	Business Statistics	3
BUS 305	Microeconomics	3	BUS 315	Financial Accounting-I	3
BUS 306	Business Mathematics	3	BUS 316	Human Behavior	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
BUS 401	Financial Accounting-II	3	BUS 411	Principles of Marketing	3
BUS 402	Laws of Business and Taxation	3	BUS 412	Statistical Inferences	3
BUS 403	Introduction to HRM	3	BUS 413	Money and Banking	3
BUS 404	Pakistan Economy	3	BUS 414	Principles of Business Finance	3
BUS 405	Oral Communication	3	BUS 415	Business Communication	3
BUS 406	Principles of Insurance	3	BUS 416	Business Internship (Evaluation & Viva Voce)-I	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
BUS 501	Marketing Management	3	BUS 508	Financial Institutions and Markets	3
BUS 502	Business Ethics	3	BUS 509	Cost & Management Accounting	3
BUS 503	Financial Management	3	BUS 510	Organizational Behavior	3
BUS 504	Decision Theory and Analysis	3	BUS 511	Auditing	3
BUS 505	Managerial Economics	3	BUS 512	Business Internship (Evaluation and Viva Voce)-II	3
BUS 5XX	Elective-I	3	BUS 5XX	Elective -II	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
BUS 601	Operations Management	3	BUS 611	Project Management	3
BUS 602	Business Research Methods	3	BUS 612	Management Information System	3
BUS 603	Business Policy	3	BUS 613	Comprehensive Examination Viva Voce	NC
BUS 604	Entrepreneurship	3	BUS 6XX	Elective-IV	3
BUS 6XX	Elective-III	3	BUS 691	Thesis	6
				OR	
			BUS 692	Research Project	6

Elective Courses: BBA (H) P-III

Finance Specialization		C.H.	Human Resource Management Specialization		C.H.
BUS 559	Investment & Portfolio Management	3	BUS 552	Recruitment & Selection	3
BUS 560	Treasury & Funds Management	3	BUS 553	Personal Management	3
BUS 561	Capital Market Analysis	3	BUS 554	Managerial Skills	3
BUS 562	Insurance Management	3	BUS 555	Labor Laws in Pakistan	3
BUS 563	Risk Management	3	BUS 556	Training Intervention in Job Skills	3

Marketing Specialization		C.H.	Management Specialization		C.H.
BUS 542	Personal Selling	3	BUS 535	Organizational Development	3
BUS 543	Export Marketing	3	BUS 536	Crises Management	3
BUS 544	Services Marketing	3	BUS 537	Comparative Management	3
BUS 545	Internet Marketing	3	BUS 538	Education Management	3
BUS 546	Seminar in Marketing	3	BUS 539	Environmental Management	3
BUS 547	Integrated Marketing Communication	3	BUS 540	Logistic Management	3
BUS 548	Retail Management	3			
BUS 549	Product Management	3			

Management Information System Specialization (MIS)		C.H.	Banking Specialization		C.H.
BUS 530	Operating System	3	BUS 526	Banking Law & Practice	3
BUS 531	System Analysis & Design	3	BUS 527	Consumer Banking	3
BUS 532	Computer Networking	3	BUS 528	Commercial Banking	3

Hotel Management Specialization		C.H.	Health Services Management Specialization		C.H.
BUS 521	Hospitality Management	3	BUS 516	Introduction to Health Services in Pakistan	3
BUS 522	Hotel Services Marketing	3			
BUS 523	Management Information System for Hotel Management	3	BUS 517	Hospital Management	3
			BUS 518	Health Communication	3
			BUS 519	Hospital Financial Management	3

Elective Courses: BBA(H)P-IV

Finance Specialization		C.H.	Human Resource Management Specialization		C.H.
BUS 673	International Financial Management	3	BUS 665	Training & Development	3
BUS 674	Financial Statement Analysis	3	BUS 666	Leadership & Team Management	3
BUS 675	Corporate Finance	3	BUS 667	Compensation Management	3
BUS 676	Seminar in Finance	3	BUS 668	Micro Organizational Dynamics	3
BUS 677	Islamic Banking & Finance	3	BUS 669	Human Resource Development	3

Marketing Specialization		C.H.	Management Specialization		C.H.
BUS 656	Sales Management	3	BUS 648	Change Management	3
BUS 657	Marketing Research	3	BUS 649	Small &Medium Enterprises Management	3
BUS 658	Consumer Behavior	3			
BUS 659	Inventory Management	3	BUS 650	Knowledge Management	3
BUS 660	Industrial Marketing	3	BUS 651	Supply Chain Management	3
BUS 661	Marketing of IT Products	3	BUS 652	NGO's Management	3
BUS 662	International Marketing	3	BUS 653	Time Management	3
BUS 663	Brand Management	3			

Management Information System Specialization (MIS)		C.H.	Banking Specialization		C.H.
BUS 640	Expert System & Artificial Intelligence	3	BUS 632	International Banking	3
			BUS 633	Credit Analysis & Investment Banking	3
BUS 641	Seminar in MIS	3			
BUS 642	Soft Quality Management (SQM)	3	BUS 634	Banks and Development Financial Institutes	3

Hotel Management Specialization		C.H.	Health Services Management Specialization		C.H.
BUS 624	Hotel Financing & Budgeting	3	BUS 616	Total Quality Management for Hospital Services	3
BUS 625	Food and Beverages Management	3			
			BUS 617	Health Care Facility Planning	3
BUS 626	Events Management	3	BUS 618	Management in Health System	3
			BUS 619	International Hospital Management	3

MBA 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-96

Pre-requisite: - 14-Years Education Like B. Sc, B. Com, BA and other Equivalent Qualification from HEC recognized institutes with minimum 50% aggregate marks in requisite bachelor degree. To be implemented from the academic year 2017 and onwards.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
BUS 570	Fundamentals of Management	3	BUS 580	Business Communication	3
BUS 571	Financial Accounting –I	3	BUS 581	Business and Corporate Law	3
BUS 572	Principles of Marketing	3	BUS 582	Management Information System	3
BUS 573	E-Business	3	BUS 583	Financial Accounting-II	3
BUS 574	Micro & Macro Economics	3	BUS 584	Maths and Stats for Business Management	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
BUS 680	Financial Management	3	BUS 686	Organizational Behavior	3
BUS 681	Human Resource Management (HRM)	3	BUS 687	Entrepreneurship	3
			BUS 688	Operations Management	3
BUS 682	Inferential Statistics	3	BUS 689	Business Internship (Evaluation & Viva Voce)	3
BUS 683	Managerial Economics	3			
BUS 684	Principles of Insurance and Auditing	3	BUS 690	Business Research Methods	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
BUS 711	Strategic Management	3	BUS 721	Strategic Marketing Management	3
BUS 712	Advanced Research Methodology	3	BUS 722	Applied Econometrics	3
BUS 713	Cost & Management Accounting	3	BUS 723	Strategic Finance	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
BUS 8XX	Elective –I	3	BUS 893	Research Project	6
BUS 8XX	Elective –II	3		OR	
BUS 8XX	Elective –III	3	BUS 894	Thesis	6
BUS 8XX	Elective –IV	3			

MBA (HONS.) 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-36

Pre-requisite: - 16-years of Business Education/ 04-year BBA (Hons) from Hec recognized instituteswith minimum 60% aggregate marks in requisite bachelor degree. To be implemented from the academic year 2017 and onwards.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
BUS 751	Strategic Management	3	BUS 761	Strategic Marketing Management	3
BUS 752	Advanced Research Methodology	3	BUS 762	Applied Econometrics	3
BUS 753	Cost and Management Accounting	3	BUS 763	Strategic Finance	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
BUS 8XX	Elective – I	3	BUS 891	Research Project	6
BUS 8XX	Elective – II	3		OR	
BUS 8XX	Elective – III	3	BUS 892	Thesis	6
BUS 8XX	Elective – IV	3			

BUSINESS ELECTIVE COURSES FOR DIRECT MBA 4 YEARS DEGREE PROGRAMME (CH-96) AND MBA 2 YEARS DEGREE PROGRAMME (CH-36)

Management		C.H.	Finance		C.H.
BUS 831	Industrial Management	3	BUS 841	Financial theory & Corporate Policy Decision	3
BUS 832	Critical Management Strategies	3			
BUS 833	Economics of Global Corporate Strategies	3	BUS 842	Financial Economics	3
			BUS 843	Risk Management Techniques	3

BUS 834	Creativity and Innovation Management	3
BUS 835	Supply chain Management	3
BUS 836	Hotel and Tourism Management	3
BUS 837	Business Planning and Policy	3
BUS 838	Logistic Management	3
BUS 839	Strategic Management	3
BUS 840	Seminar in Management	3

BUS 844	Global Equity Investments	3
BUS 845	International Financial Management	3
BUS 846	Credit Analysis and Portfolio Management	3
BUS 847	Strategic Finance	3
BUS 848	Seminar in Finance	3

Management Information System (MIS)		C.H.
BUS 851	Applied Problem Solving and PROGRAMMEming	3
BUS 852	Data Resource Management	3
BUS 853	Business Intelligence	3
BUS 854	SQM (Soft Quality Management)	3
BUS 855	M- Commerce	3
BUS 856	Enterprise Resource Planning System	3
BUS 857	Seminar in MIS	3

Marketing		C.H.
BUS 861	International E-Marketing	3
BUS 862	Strategic Sales Management	3
BUS 863	Integrated Marketing Communication	3
BUS 864	Advances in Marketing Research	3
BUS 865	Brand Management Theories	3
BUS 866	Global Marketing	3
BUS 867	Strategic Marketing	3
BUS 868	Seminar in Marketing	3

Human Resource Management (HRM)		C.H.
BUS 871	Strategic Human Resource Management	3
BUS 872	Labor Laws in Pakistan	3
BUS 873	Compensation Management	3
BUS 874	Managerial Skills	3
BUS 875	Social Capital in Managerial Effectiveness	3
BUS 876	Seminar in HRM	3

Accounting		C.H.
BUS 881	Industrial Accounting	3
BUS 882	Accounting Information System	3
BUS 883	Income Tax Accounting	3
BUS 884	Managerial Accounting	3
BUS 885	NGO Accounting	3
BUS 886	Seminar in Accounting	3

Note: Institute of Business Administration (IBA), University of Sindh will be at liberty to add/offer Business electives in each field of specializations according to the needs of job market.

MBA EVENING 2 YEARS DEGREE PROGRAMME (6 SEMESTERS) CH-69

Pre-requisite: -16-Years of education like BE, MBBS, MA, M.Sc. and other equivalent qualification from HEC recognized institutes with minimum 50% aggregate marks in requisite last degree. To be implemented from the academic year 2017 and onwards.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
BUS 511	Management	3	BUS 513	Maths& Statistics for Management	3
BUS 512	Financial Accounting	3	BUS 515	Economics	3
BUS 514	Managerial Communication	3	BUS 561	Organizational Behavior	3
BUS 516	Computer Orientation & Packages	3	BUS 565	Entrepreneurship	3

Third Semester		C.H.
BUS 562	Total Quality Management	3
BUS 563	E-Commerce	3
BUS 564	Managerial Economics	3
BUS 566	Small, Medium Enterprises	3

SECOND YEAR

Fourth Semester		C.H.	Fifth Semester		C.H.
BUS 611	Management Information System	3	BUS 612	Financial Management	3
BUS 662	Marketing Management	3		Elective-I	3
BUS 663	Cost & Management Accounting	3		Elective - II	3

Sixth Semester		C.H.
BUS 661	Human Resource Management	3
	Elective-I	3
	Elective - II	3

Note: BUS 669 Research Monograph and BUS 670 Business Internship Report as a partial requirement for award of MBA evening degree, each carries 100 marks respectively.

FACULTY OF
EDUCATION

The Faculty of Education started its journey as one of the first "Teaching Department in the subject of Education" in 1951-52 achieved its present Faculty status in 1989. It has produced thousands of professionals for the Education Sector not only Sindh but also for other parts of Pakistan. The current programs offered by Faculty of Education are: B.Ed. (Secondary) 1.5 and 2.5 Years 4/2 Years B.Ed. (Hons) Elementary & 1 Year Post Graduate Diploma in Early Childhood Education (PGD-ECE). Normally each academic year starts in January and ends in December.

Prof. Dr. Abdul Sattar Almani
Dean
Ph.D. (H.U)

MISSION

To develop teachers and education managers having professional expertise in the areas of teaching, curriculum development, evaluation, research, educational leadership, and ethical values through formal and distance education programmes.
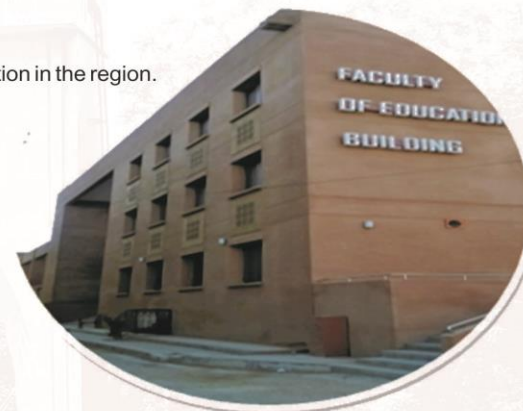
VISION

To develop Faculty of Education as a leading teacher education and research institution in the region.

The component departments of the Faculty are:

1. Department of Educational Management and Supervision
2. Department of Science and Technical Education
3. Department of Distance, Continuing & Computer Education
4. Department of Early Childhood & Elementary Education
5. Department of Curriculum Development and Instructions
6. Department of Psychological Testing, Guidance and Research

INTRODUCTION

The departments comprising the Faculty, together provide a broad base of general teacher education at Bachelor level, and offer opportunity at Masters Level of specialization in one or more disciplines to attain mastery in the art and science of teaching. The graduate and post graduate Programmes B.Ed. (Hons) Elementary, B.Ed. (Secondary) 1.5 and 2.5 years/ PGD-ECE/ M.Phil. & Ph.D. of the Faculty are conducted jointly by the component departments.

Specifically, the teacher education Programmes are designed to provide opportunities to in-service and would-be-teachers to accomplish mainly the following:

♦ To plan for instruction by formulating objectives in terms of student outcomes which are observable and measurable;

♦ To select and organise content appropriate to specified objectives in ways those are consistent with the logic of that content and the needs of the learners;

♦ To become competent in selecting and using those instructional materials, media and strategies that enable individual students to succeed in educational Programmes;

♦ To acquire skills in evaluating learning outcomes within an educational setting;

The teaching faculty comprises the following:

DEPARTMENT OF EDUCATIONAL MANAGEMENT & SUPERVISION

Almani, Abdul Sattar, Professor & **Dean**
M.Ed. 1990, MA Econ. 1990 & MBA 1991(S.U.), Ph.D. (HU) 2004

Messo, Muhammad Shafi, Professor
MA Eco. 1993, M.Ed. 1996 (S.U.), Ph. D 2013 (S.U.)

Panhwar, Uzma, Assistant Professor & Incharge Chairperson
MA (Sindhi), M.Ed. (S.U.), M.Phil. 2007 (HU), Ph.D. 2019 Hamdard University

DEPARTMENT OF EARLY CHILDHOOD AND ELEMENTARY EDUCATION

Siddique, Abida, Associate Professor and Chairperson
M.Ed. 1996, MA (Urdu) 1998, Ph.D. (S. U) 2009

Mirza, Nida, Assistant Professor
MA English 2006 (S. U), B.Ed. 2003 (S.U.), M.Ed. 2004 (S.U.), M.Phil. (Education) 2011 (IQ)

Shaheen Anjum, Assistant Professor
MA (Urdu) 2002, M.Ed.2003; M.Phil. (Education) 2015 (S.U.)

DEPARTMENT OF SCIENCE AND TECHNICAL EDUCATION

Jafri, Syed Iftikhar Hussain, Professor & Chairman
M.Sc. Statistics 1987, MA Education 1994, LLB 1988, Ph. D 2008 (S.U.)

Khowaja, Zuhra Khatoon, Assistant Professor
M.Sc. Physics 1996, M.Ed. 2001, (S. U), M.Phil. (Education) 2012 (Iqra University), Ph.D. (S.U) 2020

Chang, Muhammad Saleem, Assistant Professor
M.Sc (Zoology) 2003, M.Ed. 2006 (S.U.), Ph.D. (Ocean Universtiy, China) 2016

Shah, Gulzar Ali Syed, Assistant Professor
MA (Economics) 1999 (SALU), M.Ed. (Education) 2010 (AIOU), Ph.D. (Education specialization in Higher Education) 2015 (Xiamen University, China)

Noorani, Lubna, Lecturer
MA (Economics) 1999, M.Ed. 2001(S.U.)

Rind, Mudasir Ali, Lecturer
BS (Chemistry) (SALU) 2009, M.Ed. 2013, M.Phil. (Education) (MUSTAID, Mehran University) 2016

DEPARTMENT OF DISTANCE, CONTINUING AND COMPUTER EDUCATION

Abbasi, Muhammad Kamran, Associate Professor & Chairman
BCS (Hons) 2005 (QUEST), Ph.D. 2015 (UK)

Siddiqui, Samina Zafar, Assistant Professor
M.Sc. (S.U.) 1993

Sumera Irum, Assistant Professor
M.Sc. (Computer Sc.) 1997, B.Ed. 2007 (SU), M. Ed (S. U), M.Phil. (Education) 2015 (S.U.), Ph.D. (Education) 2020

Soomro, Saira, Assistant Professor
BCS (Hons) (S. U) 2005, B.Ed. 2010 (S. U), M.Ed. 2012 (S. U), M.Phil.(Education) 2017

Chachar, Adeel Ahmed, Lecturer
BE (MUET) 2012

DEPARTMENT OF CURRICULUM DEVELOPMENT AND INSTRUCTIONS

Gopang, Abdul Sattar, Assistant Professor & Incharge Chairman
MA (English) 1993, M.Ed. 2000 (S. U), M.Phil. 2015 (S.U.) & Ph.D. (Education) 2021(S.U)

Buriro, Imam Bux, Assistant Professor
MA (Islamic Culture) 1994 (SALU), MA (Eng.) 2000, M.Ed. 2001(S.U.), PGD TEFL (AIOU)

Shah, Shakeela, Assistant Professor
MA English Lit. 2001, M.Ed. 2003 (S.U.), Ph.D. 2016 (Malaysia)

Chachar, Zubair Ahmed, Assistant Professor
M.Sc. Physics 1996 (SU), M.Ed. 2001 (SU), M.Phil. 2016 (SU)

DEPARTMENT OF PSYCHOLOGICAL TESTING, GUIDANCE & RESEARCH

Mughal, Farzana, Assistant Professor & Incharge Chairperson
MA (Pol. Sc.) 1990, B.Ed. 1991, M. Ed (S.U.) 1993, M.Phil. (Education) 2019

Bhatti, Tarique, Assistant Professor
M.Sc. 1987, M. Ed 2006 (S.U.), Ph.D. 2015 (S.U.)

Arain, Amjad Ali, Assistant Professor
MA (M. History) (S. U), M. A (English) (S. U), M. Ed (S.U.), MS (Economics) (France), MS (Education) (France), Ph.D. (Edu) (France)

Shoaib Mohsin Ali, Lecturer
M.Sc, 1987, M. Ed 2006 (SU)

BACHELOR OF EDUCATION B.Ed. (SECONDARY): 1.5 YEARS (3 SEMESTERS) DEGREE PROGRAMME REGULAR (MORNING & EVENING) CH-54

Pre-requisite: -M.A./M. Com/M.Sc./BS Pass with Minimum 45% marks & Pre-Entry Test.

First Year

First Semester	C.H.	Second Semester	C.H.
HSED 701 Philosophy of Education (Foundation)	3	HSED 713 Educational Assessment and Evaluation (Professional)	3
HSED 702 Human Development & Learning (Foundation)	3	HSED 703 Curriculum Development (Foundation)	3
HSED 711 General Methods of Teaching (Professional)	3	HSED 714 Professionalism in Teaching (Professional)	3
HSED 712 Critical thinking and reflective Practices (Professional)	3	HSED 715 Research Methods in Education (Professional)	3
Area of Specialization Course-I	3	HSED 716 Teaching Practice (Professional)	3
Area of Specialization Course-II	3	Area of Specialization Course-III	3

Second Year

Third Semester	C.H.
HSED 717 Educational Statistics (Professional)	3
HSED 718 Teaching Practice ((Professional)	3
HSED 719 Research Project (Content Embedded) (Professional)	3
HSED 720 Educational Leadership and Management (Professional)	3
HSED 721 Citizenship Education and Community Engagement	3
Area of Specialization Course-IV	3

BACHELOR OF EDUCATION B.Ed. (SECONDARY): 2.5 YEARS (4 SEMESTERS) DEGREE PROGRAMME REGULAR (MORNING & EVENING) CH-72

Pre-requisite: -B. A/B. Com/B.Sc./B.A. Education Pass with Minimum 45% marks & Pre-Entry Test.

Bridging Semester	C.H.
SED 513 English (Technical writing and presentation skills)	3
SED 514 Citizenship Education and Community Engagement	3

SED 500	Critical Thinking and Reflective Practices (Foundation)	3
SED 506	Educational Leadership and Management (Professional)	3
SED 515	Mathematics	3
SED 501	Information Communication Technology (ICT) in Education (Foundation)	3

Semester V (Year 3)		C.H.
SED 507	General Methods of Teaching (Professional)	3
SED508	EducationalAssessmentand Evaluation (Professional)	3
	Academic Content-Course I (Displine-I)	3
	Academic Content-Course I (Displine-II)	3
	Academic Content-Course II (Displine-I)	3
	Academic Content-Course II (Displine-II)	3

Semester VI (Year 3)		C.H.
SED 502	Philosophy of Education (Foundation)	3
SED 503	Human Development and Learning (Foundation)	3
	Academic Content-Course III (Displine-I)	3
	Academic Content-Course III (Displine-II)	3
	Academic Content-Course IV (Displine-I)	3
	Academic Content-Course IV (Displine-II)	3

Semester VII (Year 4)		C.H
SED600	Research Methods in Education (Professional)	3
SED601	Curriculum Developments (Professional)	3
SED 602	Pedagogy-I (Methods of teachings related to specialization (content embedded) (Professional)	3
SED 602	Pedagogy-II (Methods of teachings related to specialization (content embedded) (Professional)	3
	Academic Content-Course V (Displine-I)	3
	Academic Content-Course V (Displine-II)	3

Semester VIII (Year 4)		C.H.
SED 604	Comparative Education/Contemporary trends and Issues in Education (Professional)	3
SED605	Professionalism in Teaching (Professional)	3
SED 606	Educatoinal Statistics (Professional)	3
SED 607	Research Project	3
SED 608	Teaching Practice Displine-I	3
SED 609	Teaching Practice Displine-II	3

POST GRADUATION DIPLOMA IN EARLY CHILDHOOD EDUCATION (ECE) REGULAR ONE YEAR (2 SEMESTERS) (MORNING & EVENING) CH-36

Pre-requisite: -B. A/ B. Sc/B. Com/B.A. Education/BS with Minimum 45% marks & Pre-Entry Test.

First Semester		C.H.
P.G.D (ECE) 501	Child Psychology	3
P.G.D (ECE) 502	Perspective of ECE	3
P.G.D (ECE) 503	Curriculum and Implimentation	3
P.G.D (ECE) 504	Basic Communication skills	3
P.G.D (ECE) 505	Monitoring and Assessment in ECE	3
P.G.D (ECE) 506	LAB (ECE) I	3

Second Semester		C.H.
P.G.D (ECE) 507	Life Skills	3
P.G.D (ECE) 508	Mental Health and Hygiene	3
P.G.D (ECE) 509	Media and Material	3
P.G.D (ECE) 510	ICT in ECE	3
P.G.D (ECE) 511	Practicum / Internship	3
P.G.D (ECE) 512	Lab (ECE) II	3

BACHELOR OF EDUCATION B.Ed. (HONS.) ELEMENTARY 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: -

1. Admission in First Semester: H.S.C. with at least 45% aggregate marks, Pre EntryTest.

2. Admission in 5th Semester: ADE with CGPA 2.00/and above (Those Candidates who have completed their 02-year course of ADE Programme)

Note: *After completing 2 years, the universities / institutions may award an **Associate Degree in Education (ADE)**. However, the students admitted for B.Ed. (Hons.) 4 Years Degree Programme will continue for Third and Fourth Year.*

FIRST YEAR

First Semester	C.H.	Second Semester	C.H.
EED 300 Functional English-I(Compulsory)	3	EED 302 English-II (Communication Skills) (Compulsory)	3
EED 301 Islamic Studies/Ethics (Compulsory)	2	EED 303 Computer Literacy(Compulsory)	3
EED 311 Child Development (Foundation)	3	EED 304 General Mathematics (Compulsory)	3
EED 312 General Methods of Teaching (Foundation)	3	EED 305 Pakistan studies (Compulsory)	2
EED 351 Sindhi Languages (Content)	3	EED 313 Classroom Management (Foundation)	3
EED 352 Urdu Languages (Content)	3	EED 321 Methods of Teaching Islamic Studies (Professional)	3
EED 353 General Science (Content)	3		

SECOND YEAR

Third Semester	C.H.	Fourth Semester	C.H.
EED 421 Teaching Literacy Skills (Professional)	3	EED 411 Classroom Assessment (Foundation)	3
EED 422 Teaching of Sindhi (Professional)	3	EED 412 School, Community and Teacher (Foundation)	2+1
EED 423 Teaching of Urdu	3	EED 427 Teaching of Social Studies	2
EED 424 G. Science-II (Professional)	3	EED 428 The Practicum (Professional)	3
EED 425 The Developmental Practicum	3	EED 429 Teaching of English (Professional)	3
EED 426 ICT in Education (Professional)	2	EED 430 Teaching of Mathematics (Professional)	3
EED 441 Arts, Crafts & Calligraphy (Content)	3		

THIRD YEAR

Fifth Semester	C.H.	Sixth Semester	C.H.
EED 500 English-III (Technical Writing & presentation skills) (Compulsory)	3	EED 521 Contemporary Issues and Trends in Education (Professional)	3
EED 511 Foundations of Education (Foundation)	3	EED 522 Comparative Education (Professional)	3
EED 512 Curriculum Development (Foundation)	3	EED 523 Introduction to Guidance & Counseling (Professional)	3
EED 513 Educational Psychology (Foundation)	3	**Discipline–I, Content – II**	
Discipline–I, Content – I		EED 546 Reading Difficulties (The Language Skills & their application in Literature)	3
EED 541 Foundation of Reading	3		
Discipline–II, Content – I		**Discipline–II, Content – II**	
Note: Choose any One of the following	3	**Note: Choose any One of the following**	3
EED 551 General Science (Chemistry)		EED 556 General Science (Physics)	
EED 561 Mathematics (Number & Operations)		EED 566 Mathematics (Algebra Financial Arithmetic)	
EED 571 Computer (Introdution to Computer Science)		EED 576 Computer (Presentation & Computational Thinking)	

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
EED 621	Research Methods in Education (Professional)	3	EED 623	School Management (Professional)	3
EED622	Reading Practicum (Professional)	3	EED 624	Test Development and Evaluation (Professional)	3
Discipline-I, Content-III			EED 625	Research Project (Professional)	3
EED 641	Reading Assessment	3	EED 646	Advance Practicum (Long Term)	6
Discipline-II, Content-III					
Note: Choose any One of the following		**3**			
EED 651	General Science (Biology)				
EED 661	Mathematics (Measurement, Geometry & Information Handling)				
EED 671	Computer (Programming in Database)				
Pedagogy-I					
EED 646	Pedagogy of Reading	3			
Pedagogy-II					
Note: Choose any One		**3**			
EED 656	General Science (Pedagogy of Physical & Biological Sciences)				
EED 666	Mathematics (Pedagogy of Mathematics)				
EED 676	Computer (Pedagogy of Computer Science)				

FACULTY OF ENGINEERING & TECHNOLOGY

In 2020, University of Sindh established an independent Faculty of Engineering and Technology(FET)by upgrading the status of Institute of Information and Communication Technology (IICT). The IICT has had a long, rich and efficacious history of being a premier institute for promoting education and dissemination of knowledge in the fields of Electronics, Telecommunication, Information Technology and Software Engineering at national and International Levels. Initially, in 1998, Institute of Information Technology (IIT) was established bifurcating the former Institute of Physics and Technology (IPT), which was in existence since 1979. Later in 2008, the IIT was re-designated as IICT.

Faculty of Engineering and Technology is composed of an Institute and six departments: Prof. A. H. S. Bukhari Institute of Information and Communication Technology, Department of Electronic Engineering, Department of Telecommunication Engineering, Department of Information Technology, Department of Software Engineering, Department of Telemedicine and e-Health and Department of Industrial Electronic Engineering. A. H. S Bukhari Institute of Information and Communication Technology is an independent post-graduate institute offering MS/MPhil programs in disciplines of Electronics, Telecommunication, Information Technology and Software Engineering, and PhD degree program in Information Technology. Currently, over 300 students are enrolled in all MS/ MPhil and PhD programs. Department of Electronic Engineering and Department of Telecommunication Engineering offers a 4 years 8 semesters undergraduate program, namely BS Electronic Engineering and BS Telecommunication Engineering and both these programs are accredited with Pakistan Engineering Council (PEC). Further, Department of Information Technology and Department of Software Engineering offers 4 years 8 semesters undergraduate programs, BS Information Technology and BS Software Engineering respectively and both these programs are accredited with the National Computing Education Accreditation Council (NCEAC). Both BS Information Technology and BS Software Engineering programs are offered in morning as well as in evening. A total number of students enrolled in these four undergraduate programs is around 2550.

Faculty of Engineering and Technology has an excellent infrastructure in terms of highly qualified faculty members (there are around 20 PhD faculty members and most of them have earned their degrees from educationally advanced countries), well-equipped and state-of-the-art laboratories catering the needs of practical component of all undergraduate and graduate program courses, spacious class rooms, multimedia facilities, computerized internal library with abundant and latest editions of books, journals and magazines. The Faculty of Engineering and Technology infrastructure also includes state-of-the-art Data Center, which was established at IICT that offers a number of facilities including provision of Internet across the campus via Pakistan Education and Research Network (PERN2), intranet and private clouds. Moreover, the infrastructure also provides access to digital libraries including IEEE, ACM, Elsevier, and Springer Link subscription, and it has also its own Research Journal named University of Sindh Journal of Information and Communication Technology (USJICT). Realizing the tremendous potential of technology entrepreneurship, FET has adopted a proactive role for supporting entrepreneurship through establishment of Technology Incubation Center and Industry Liaison Desk.

The mission of the Faculty of Engineering and Technology (FET) is to provide dynamic learning with quality education through rigorous teaching and research methodologies in Engineering and Technology disciplines. Academic programs with quality curricula focus to forge professionals, experts and scholars in the field of Information Technology, Telecommunication Engineering, Electronic Engineering, Software Engineering, Telemedicine & E-Health and Industrial Electronic Engineering. It aims to foster such values amongst its academia, undergraduates and graduate scholars, ensuring a place of pride in the world of learning.

Prof. Dr. Khalil-ur-Rehman Khoumbati
Dean
Ph.D (U.K)

PROGRAMMES

Bachelor Degree Programmes

BE (Electronic Engineering)   BE (Telecommunication Engineering)

BS (Information Technology)   BS (Software Engineering)

Master Degree Programmes

M.Sc. Telemedicine and E-Health

DEPARTMENT OF ELECTRONIC ENGINEERING

The extensive applications of electronic devices and systems play a vital role in the development of the socio-economic growth of the country. This led the University of Sindh to start B.Sc. and M.Sc. Electronics Programmemes in 1979 under the umbrella of the Institute of physics and technology (IPT). The IPT was pioneer in Sindh province to provide training and educating the individuals to harness the full potential of the discipline. Later in 1998, the IPT was bifurcated to the Institute of information technology (IIT). The department of Electronics started to offer 4-year BS degree in electrics in 2002. Later the nomenclature of the Institute was re-designated as Institute of Information and Communication Technology (IICT). In 2020, IICT was upgraded to the Faculty of Engineering and Technology (FET) to extend its scope in the field of Engineering and Technology. As a result of this the nomenclature of Department of Electronic was changed to Department of Electronic Engineering (DEE) and got accredited by the Pakistan Engineering Council (PEC). DEE offers a four-year (8-semester) BE Electronic Enginnering) programme. The courses have been designed to build the strong foundation of Electronic Engineering to reflect the vision and mission of the programme. The infrastructure of the department meets all the criteria of conducive learnings. The classrooms are spacious, well-furnished and equipped with the multimedia facility. The state-of-the-art laboratories with latest hardware and software tools facilitate students in learning all theoretical concepts experimentally. Moreover, the library suffices the complete information resource such as; textbooks with latest editions, technology magazines and online platforms to access research articles worldwide. Based on the competence and achievements of its discipline, DEE owns a very high reputation in the Electronic research community across the country.

Vision of the department

To be internationally renowned for providing quality education with the best learning and research environment for creativity, innovation and excellence

Mission of the Program

The mission statement of the Department of Electronic Engineering is to produce competent professionals with substantial knowledge of electronic engineering that can solve complex electronic engineering problems and provide sustainable solutions with modern tools and techniques to compete in a diversified and resilient environment through a continuous learning process and have a strong sense of ethical and entrepreneurship responsibilities for the betterment of environment and society.

Programmes Educational Objectives (PEOs)

The program educational objectives for BE Electronic Engineering program are stated below:

PEO1

Graduates will have the ability to solve complex electronic engineering problems and propose innovative as well as sustainable solutions for the benefit of society and environment with academic knowledge, modern tools, and entrepreneurship skills to cater the market needs.

PEO2

Graduates will demonstrate managerial and negotiating skills and can work individually or in a team with ethical responsibilities to achieve the desired targets.

PEO3

Graduates will engage in a lifelong quest for knowledge and interdisciplinary learning appropriate for their academic and industrial careers.

The teaching faculty comprises the following:

Memon, Mudasir Ahmed (Engr.), Assistant Professor and Incharge Chairman
BE Electronic (MUET) 2008, ME Electronic Systems Engineering (MUET) 2015, Ph. D (University of Malaya, Malaysia) 2019

Shah, Azhar Ali, Professor and Focal Person Dadu Campus
M.Sc. Electronics (S. U) 1998, M.Phil. (S.U.) 2004, Ph.D. (Nottingham University, UK) 2011

Memon, Shahzad Ahmed, Professor
M.Sc. Electronics (S.U.) 1999, Ph.D. (Brunel University, UK) 2013

Shah, Raza Hussain, Assistant Professor
M.Sc. Electronics (S.U.) 1991, Ph.D. (S.U) 2020

Shoro, Ghulam Mustafa, Assistant Professor
M.Sc. Electronics (S.U.) 1997

Soomro, Waseem Javaid, Assistant Professor
M.Sc. Electronics (S. U) 2001, M.Phil. Information Technology (S.U.) 2015

Pirzado, Azhar Ali Ayaz, Assistant Professor (on Sabbatical Leave, China)
BS Electronics (S.U.) 2005, MS (Strasbourg, France) 2011, Ph. D. (Strasbourg, France) 2015

Hakro, Ayaz Ali, Assistant Professor
BS Electronics (S.U.) 2009, MS Electronics (ZJU, China) 2014, Ph. D (ZJU, China) 2018, Postdoc (SINTEF, Norway) 2021

Ansari, Beenish Ishtiaq (Engr.), Assistant Professor (on Study Leave)
BE Electronics (MUET) 2007, ME Electronics (MUET) 2017

Memon, Aamir Hussain (Engr.), Assistant Professor
BE Electronic (MUET) 2008, ME Telecommunication and Control Engineering (MUET) 2011, Ph. D (Universiti Teknologi Petronas, Malaysia) 2019

Humrani, Nayab (Engr.), Lecturer (on Study Leave)
BE Electronic (MUET) 2008

Soomro, Altaf Mazhar (Engr.), Lecturer (On Lien)
BE Electronic (MUET) 2008, MES Computer Control Engineering (UTS, Australia) 2015

Memon, Zain Anwar (Engr.), Lecturer (on Study Leave)
BE Electronic (MUET) 2010, ME Electronics (MUET) 2017

Shah, Aunsa (Engr.), Lecturer (On Contract)
BE Electronic (MUET) 2016, ME Electronics (MUET) 2018

Abro, Umair (Engr.), Lecturer (On Contract)
BE Electronic (MUET) 2014, ME Electronics (MUET) 2017

Memon, Abdul Manan (Engr.), Lecturer (On Contract)
BE Electronic (MUET) 2013, ME Electronics (MUET) 2015

BS (ELECTRONIC ENGINEERING): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C Pre- Engineering or equivalent with Physics, Chemistry and Mathematics with at least 60% aggregate marks, Pre-entry Test and Interview.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
BH 100	Functional English	3	BH 101	Communication Skills	3
EE 110-111	Linear Circuit Analysis	3+1	PS 103	Pakistan Studies	2
CS 112-113	Computer Fundamentals And Programming	2+1	EE 120-121	Solid State Electronics	3*
BH 114-115	Applied Physics	3+1	EE 122-123	Electronic Devices and Circuits	3+1
BH 116	Calculus and Analytical Geometry	3	CS 124-125	Object Oriented Programming	3+1
EE 119	Electronics Workbench	1	BH 126	Linear Algebra	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
EE 210-211	Electronic Circuit Design	3+1	IS 202	Islamic Studies	2
ELE 212-213	Instrumentation and Measurements	3+1	EE 220-221	Microprocessors and Microcontrollers	3+1
EE 214-215	Digital Logic Design	3+1	EE 222-223	Integrated Electronics	3+1
BH 216	Differential Equations	3	EE 224-425	Electrical Network Analysis	3+1
CS 219	Computer-Aided Engineering Design	1	BH 226	Complex Variables and Transforms	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
EE 310-311	Electrical Machines	3+1	BH 302	Technical Report Writing and Presentation Skills	3
EE 312-313	Signals and Systems	3+1			
EE 314	Electromagnetic Field Theory	3	BH 320	Professional Practice	3
EE 316	Probability and Random Variables	3	EE 322-323	Digital Signal Processing	3+1
			EE 324-325	Analog and Digital Communications	3+1
BH 318	Organizational Behavior	3	EE 326-327	Control Systems	3+1

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
EE 410-411	Power Electronics	3+1	EE 420-421	Industrial Electronics	3+1
EE 412-413	Introduction to Robotics	3+1	EE 422-423	FPGA-Based System Design	3+1
EE 414	Image Processing and Computer Vision	3	MS 424	Entrepreneurship	3
MS 416	Engineering Economics	3	EE 418	Final Year Project	6
EE 418	Final Year Project (To be continued)				

DEPARTMENT OF TELECOMMUNICATION ENGINEERING

About the Department

Initially in 1980, University of Sindh started to offer one year M.Sc. in Telecommunication Programme under the umbrella of the Institute of physics and technology (IPT). The BS Telecommunication Programme wasintroduced in 1998 at the Institute of Information and Communication Technology. With the rising demand for Engineering technologies and the Telecommunication sector, the Department of Telecommnication was revamped as the Department of Telecommunication Engineering under the Faculty of Engineering and Technology in 2019.The Department of Telecommunication Engineering offers a 4-year (8-semester) BE (Telecommunication Engineering) program and is accredited with Pakistan Engineering Council (PECThe main objective of this department is to produce high-quality telecommunication professionals in numerous specialized areas, such as Mobile and Wireless Communications, Multimedia and Broadband Communication, Fiber Optics, Satellite communication, and Complex Electronic Switching Systems, Data coding, and Embedded systems. With the convergence of Information and Telecommunication Technology, an interdisciplinary aspect has been integrated throughout the educational varsities. In this regard, the Telecommunication Engineering department offers courses in Programmesming languages, emerging topics such as computer vision, image processing, and so forth to keep pace with the technological changes. The graduates of this department have left a positive footprint in leading Telecom and IT industries of Pakistan. With the emergence of 5G technology, Software Defined Networking, Industrial Internet of Things, E-health, and Telemedicine, the professional, educational, and research opportunities are extended more than ever in Pakistan as well as abroad.

Vision of the Department

To deliver quality education and provide research opportunities to the Telecommunication engineering students while training them to be an adept professional for competing on a global scale.

Mission of the Program

To produce graduates in the field of Telecommunication to keep pace with the current trends and envisage future prospects in terms of professional, entrepreneurial, and research practices.

Programmes Educational Objectives (PEOs)

PEO1: Telecommunication engineers would be equipped with knowledge pertaining to solve field related problems through information- and research-based methods and to cater the market needs.

PEO2: To foresee successful careers of telecommunication graduates as qualified network analysts, project managers, system designers, and academic professionals.

PEO3: To engage them in a lifelong quest for knowledge and encourage discipline to embrace moral, social, and ethical principles in team working environment

The Teaching faculty comprise of the following:

Khowaja, Sunder Ali (Engr.), Assistant Professor and Incharge Chairman
BE Telecommunications (MUET) 2008, ME Communication Systems and Networks (MUET) 2014, Ph.D. Industrial and Information Systems Engineering (Hankuk University of Foreign Studies, South Korea) 2019.

Abbasi, Shazia, Assistant Professor
M.Sc. Telecommunication (SU) 1997, Ph.D. (SU) 2017.

Kumbhar, Muhammad Aslam, Assistant Professor
M.Sc. Telecommunication (SU) 1997

Memon, Nisar Ahmed, Assistant Professor
M.Sc. Telecommunication (SU) 1999, M.Phil. Telecommunication (SU) 2015.

Shah, Shahnawaz, Assistant Professor
BS Telecommunication (SU) 2008, M.Phil. Telecommunication (SU) 2016, Ph.D. (ZJU, China) 2021

Langah, Rahat Ali Khan, Assistant Professor
BS Electronics (SU) 2005, M.Phil. Telecommunication (SU) 2016.

Khokhar, Abdul Wahab (Engr.), Lecturer
BE Telecommunication (MUET) 2010

Baig, Altamash (Engr.), Lecturer
BE Telecommunication (MUET) 2008, ME Telecommunication (NED) 2010.

Kumar, Hemant (Engr.), Lecturer (On Contract)
BE Telecommunication (MUET) 2016, ME (MUET) 2019

BS (TELECOMMUNICATION ENGINEERING): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) (MORNING) CH-136

Pre-requisite: H.S.C Pre- Engineering or equivalent with Physics, Chemistry, and Mathematics with at least 60% aggregate marks, Pre- Entry Test and Interview.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
BH 100	Functional English (English-I)	3	BH 101	Communication Skills (English-II)	3
TE 110-111	Circuit Analysis (Engineering Foundation)	3+1	IS 103	Islamic Studies (Humanities) Cultural	2
CS 112-113	Introduction to Computing (Computing/Fundamentals)	2+1	TE 120-121	Electronic Devices and Circuits (Engineering Foundation)	3+1
BH 114-115	Applied Physics (Natural Sciences) Physics	3+1	BH 122	Differential Equations (Natural Sciences) Math	3
BH 116	Calculus and Analytical Geometry (Natural Sciences) Math	3	CS 124-125	Object Oriented Programming (Computing/Programming)	3+1
TE 119	Electric Workshop (Engineering Foundation)	1	CS 127	Computer Aided Engineering Design (Computing/Application)	1

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
PS 202	Pakistan Studies (Humanities) Cultural	2	TE 220-221	Digital Logic Design (Engineering Foundation)	3+1
TE 210-211	Data Structure & Algorithms (ID Elective-I)	2+1	TE 222-223	Amplifiers & Oscillators (MBC Beadth)	3+1
TE 212-213	Electrical Network Analysis (Engineering Foundation)	3+1	TE 424	Signals and Systems (Engineering Foundation)	3
BH 214	Multivariable Calculus	3	BH 226	Technical Report Writing	3

	(Natural Sciences) Math			And Presentation (English-III)	
MS 216	Engineering Economics (Management Sciences)	3	TE 228	Probability Methods in Engineering (Engineering Foundation)	3
BH 218	Linear Algebra (Natural Sciences) Math	3			

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
TE 310	Electromagnetic Theory (Engineering Foundation)	3	TE 320-321	Digital Communications (MBC Breadth)	3+1
TE 312-313	Control Systems (MBC Breadth)	2+1	TE 322-323	Antennas and Wave Propagation (MBC Breadth)	3+1
TE 314-315	Communication Systems (Engineering Foundation)	3+1	TE 324-325	Database Management Systems (ID Elective II)	2+1
TE 316-317	Microprocessor and Microcontrollers (MBC Breadth)	3+1	TE 326-327	Digital Signal Processing (MBC Breadth)	3+1
TE 318-319	Computer Communication Networks (MBC Depth)	3+1	TE 328	Wireless Technologies and RF Planning (MBC Depth)	2

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
BH 410	Professional Practices (Humanities) Social Sciences	2	TE 420-421	Transmission&Switching Systems (MBC Depth)	3+1
TE 412-413	Microwave Engineering (MBC Depth)	3+1	TE 422	Telecom Standards and Regulations (MBC Depth Elective-I)	2
TE 414-415	Optical Fiber Communication (MBC Depth)	3+1	TE 424	Satellite Communications (MBC Depth Elective-II)	3
BH 416	Organizational Behavior (Social Sciences Elective)	3	TE 426	Image Processing and Computer Vision (ID Elective)	3
TE 418	Final Year Design Project (To Be Continued)		TE 418	Final Year Design Project	6

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DEPARTMENT OF INFORMATION TECHNOLOGY

About the Department

In 1998, the former Institute of Physics and Technology (IPT), which existed since 1979, was bifurcated giving birth to the Institute of Information Technology (IIT). The IIT was among a very few first institutes of the Pakistan which offered a 4-year 8-semester undergraduate Programme in Computer and Information Technology called BCIT. Over the time, it has undergone a number of revamps and currently the Department of Information Technology is one of the constituent departments of the recently established Faculty of Engineering and Technology which offers a 4-year 8-semester undergraduate Programme, BS Information Technology.

Department of Information Technology has a highly qualified faculty most of whom have earned their Ph.D. degree from international universities of high stature. The Department is also equipped with state-of-the-art hardware and software laboratories catering the needs of practical component of the courses. The curriculum of BS Information Technology Programme includes, in addition to fundamental core Information technology courses, a number of advanced courses focusing on new emerging computing paradigms such as Mobile and Pervasive Computing, Cloud Computing, Information security, smart technologies, human computer interface design (HCI), management of large scale IT infrastructure projects etc. in line with HEC guidelines. BS Information Technology Programme has recently been accredited with the National Computing Education Accreditation Council (NCEAC) and the Programme is offered in morning as well as in evening.

The main objective of the Department of Information Technology is to provide quality education and research opportunities to the students and to instill in them critical, rational, analytical thinking and a civic sense so that they become socially responsible citizens and truly educated graduates after completion of their BS Information Technology Programme.

The present faculty comprises the following:

Mahesar, Abdul Waheed, Associate Professor and Chairman
BCS (Hons) (S.U.) 2004, Ph.D (IIUM, Malaysia) 2016, Post Doctorate (UNAM, Mexico) 2019

Khoumbati, Khalil -Ur- Rehman, Professor and Dean (FET)
MSc Computer Technology (S.U.) 1990, Ph.D (Brunel University, UK) 2005, Post Doctorate (Brunel University, UK) 2006

Dhomeja, Lachman Das, Professor and **Director** Dr.A.H.S.Bukhari IICT
MSc Computer Technology (S.U.) 1991, Ph.D (University of Sussex, UK) 2011

Bhatti, Zeeshan, Associate professor
BCS (Hons) (S.U.) 2004, M.Phil (IT) (S.U.) 2011, Ph.D (IIUM, Malaysia) 2015

Memon, Muhammad Ali, Associate professor
BCIT (Hons) (NED) 2005, MS (Rennes, France) 2011, Ph.D (University of Toulouse, France) 2014

Larik, Shahid Hussain, Assistant Professor
MSc Computer Technology (S.U.) 1991

Bhutto, Arifa, Assistant Professor
MSc Computer Technology (S.U.) 1997, Ph.D (Aalborg University, Denmark) 2018

Ujan, Muzaffar Hussain Alias Imran Anwar (Engr.), Assistant Professor
BE Computer Systems (MUET) 1994, MS (IIUM, Malaysia) 2017, Ph.D. (IIUM, Malaysia) 2021

Laghari, Sheeraz, Assistant Professor
BS Information Technology (S.U.) 2005, M.Phil IT (S.U.) 2013, Ph.D (Aalborg University, Denmark) 2018

Nizamani, Mohammad Ali, Assistant Professor
BE Civil Engineering (MUET), 2001, MS (Computer Systems, France) 2008, Ph.D. (France) 2012

Basir Nazish, Assistant Professor
BS (Hons) Information Technology (S.U.) 2005, MS (PAFKEIT) 2016

Dahri, Kamran, Assistant Professor
BS (Hons) Software Engineering (S.U.) 2005, MS (PAFKIET) 2013

Shaikh, Muhammad Bilal, Assistant Professor (on Study Leave)
BS Computer Science FAST (NUCES) 2011, MS Computer Science (IBA, Sukkur) 2016

Abbasi, Faheem Ahmed, Assistant Professor (on Study Leave)
BS Software Engineering (S.U.) 2005, MS (MAJU) 2008

Pirzado, Muhammad Hussain (Engr.), Assistant Professor
BE Software Engineering (MUET) 2012, ME Computer Information Engineering (MUET) 2016

Patoli, Noorulain (Engr.), Assistant Professor
BE Software Engineering (MUET) 2011, ME Software Engineering (MUET) 2017

Memon, Bisharat Rasool, Assistant Professor
BS (Hons) Software Engineering (S.U.) 2005, MS (SDU, Denmark) 2013, Ph.D (SDU, Denmark) 2016

Bhutto, Zulfiqar Ali, Lecturer
BCIT (Hons) (S.U.) 2002, MS (IT) (Sindh Agriculture University, Tandojam) 2017

BS (INFORMATION TECHNOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) (MORNING AND EVENING) CH-136

Pre-requisite: H.S.C Pre- Engineering or General Science group with Mathematics, Physics and Computer background, with at least 50% aggregate marks, Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
IS 302	Islamic Studies/Ethics (Gen.Edu.)	2	ENG 301	Communication Skills (English-II) (Gen.Edu.)	3
ENG 300	Functional English (English-I) (Gen.Edu.)	3	----- 303	Uni. Elective-I	3
ITEC 310-311	Basic Electronics (Comp. Supporting)	2+1	ITEC 318-319	Digital Logic Design (Comp. Core)	2+1
ITEC 312-313	Programming Fundamentals (Comp. Core)	3+1	ITEC 320-321	Object Oriented Programming (Comp. Core)	3+1
ITEC 314-315	Introduction to Information Technology (Gen.Edu.)	2+1	ITEC 322	Discrete Structures (Comp. Core)	3
ITEC 316	Calculus and Analytical Geometry (Comp. Supporting)	3	ITEC 324	Probability & Statistics (Comm. Supporting)	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
PS 303	Pakistan Studies (Gen.Edu.)	2	---- 402	Uni. Elective-II	3
ENG 400	Technical Report Writing (English-III) (Gen.Edu.)	3	ITEC 422	Professional Practices (Gen.Edu.)	2
ITEC 414-415	Data Structures and Algorithms (Comp. Core)	3+1	ITEC 424-425	Python Programming (IT Elective-II)	2+1
ITEC 416	Software Engineering (Comp. Core)	3	ITEC 426-427	Object Oriented Analysis and Design (IT Supporting)	2+1
ITEC 418	Linear Algebra (Comp. Supporting)	3	ITEC 428-429	Computer Communication And Networks (Comp. Core)	2+1
ITEC 420-421	Microprocessor and Assembly Language (IT Elective-I)	2+1	ITEC 430-431	Database Systems (Comp. Core)	3+1

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
ITEC 510	Internet Architecture and Protocols (IT- Supporting)	3	ITEC 522-523	Systems and Network Administration (IT Core)	2+1
ITEC 512	Information Systems (IT- Supporting)	3	ITEC 524-525	Mobile Application Development (IT Elective III)	2+1
ITEC 514-515	DB Administration and Management (IT- Supporting)	2+1	ITEC 526-527	Multimedia Systems and Design (IT Core)	2+1
ITEC 516-517	Computer Graphics (IT Elective III)	2+1	ITEC 528-529	IT Project Management (IT Supporting)	2+1
ITEC 518-519	Web Systems & Technologies (IT Core)	2+1	ITEC 530	System Integration And Architecture (IT Core)	3
ITEC 520-521	Operating Systems (Comp. Core)	2+1	ITEC 532	Data Science (IT Elective IV)	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
ITEC 610-611	Cloud Computing (IT Core)	2+1	ITEC 620-621	Network Science (IT Elective V)	2+1
ITEC 612-613	Human Computer Interaction (Comp. Core)	2+1	----- 624	Uni. Elective-III	3
ITEC 614	Technology Management (IT Core)	3	ITEC 626	Capstone Project Part-II (Comp. Core)	6
ITEC 616	Data & Network Security (IT Core)	3			
ITEC 622	Computer Vision (IT Elective VI)	3			

MASTER OF INFORMATION TECHNOLOGY (MIT) (EVENING)
2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-60

Pre-requisite: BSIT (Pass) candidates from affiliated colleges with minimum 50% aggregate marks or 2.0 CGPA and Pre-entry test.

PREVIOUS

First Semester		C.H.	Second Semester		C.H.
MIT 610	Theory of Operating Systems	3	MIT 620	Human Resource Management	2
MIT 612	Design and Analysis of Algorithms	3	MIT 622	Mobile Cellular Communication & WAP	2+1
MIT 614-615	Client Server Technology	2+1	MIT 624	Organizational Behavior	2
MIT 616-617	Software Engg. Project Management	2+1	MIT 626-527	Multimedia Technology	2+1
MIT 618	IP Telephony	3	MIT 628	Real Time Systems	3
			MIT 630	Micro-Computing Systems	2

FINAL

Third Semester		C.H.	Fourth Semester		C.H.
MIT 710	Compiler Construction	3	MIT 720	E-Commerce	3
MIT 712	Human Computer Interaction	3	MIT 722	Data warehouse and Mining	3
MIT 714	Design of Real Time Softwares	3	MIT 724	Programming Languages	3
MIT 716	Advanced Data Base Systems	3			
MIT 718-719	Internetworking Protocols	2+1	MIT 726	Project	6

POSTGRADUATE DIPLOMA IN INFORMATION TECHNOLOGY (EVENING)
01-YEAR DIPLOMA PROGRAMME (2 SEMESTERS) CH-40

Pre-requisite: B.Com., BBA, B.Sc. (Pass) Physics. Mathematics, Statistics, Chemistry, Functional Mathematics, BE all disciplines with minimum 45% aggregate marks.

First Semester		C.H.	Second Semester		C.H.
PGD 510-511	Introduction to Information Technology	3+1	PGD 522-523	Object Oriented Programming	3+1
PGD 512-513	Fundamentals of Algorithm and C	3+1	PGD 524-525	Data Communication and Networking	3+1
PGD 514-515	Digital Electronics	3+1	PGD 526-527	Introduction to Database	2+1
PGD 516-517	Introduction to Operating systems	2+1	PGD 528-529	Visual Programming	3+1
PGD 518	Fundamental of Mathematics	3	PGD 530	Calculus	3
PGD 520	Financial Accounting	2	PGD 532	Fundamentals of Management	2

Note: In case the number of students seeking admission in any discipline is less than 20, then the classes will not be started.

DEPARTMENT OF SOFTWARE ENGINEERING

About the Department

In 2002 Institute of Information and Technology (IIT), was among the first few institutes of the Pakistan of its kind offering a 4-year 8-semester undergraduate Programme in Software Engineering. Over time, it has undergone a number of revamps and currently Department of Software Engineering is one of the constituent departments of the recently established Faculty of Engineering and Technology which offers a 4-year 8-semesters undergraduate Programme in BS Software Engineering.

BS Software Engineering Programme is offered in Morning as well as in Evening shift and has been accredited with the National Computing Education Accreditation Council (NCEAC), an authority setup by Higher Education Commission (HEC) Pakistan to ensure quality in degree Programmes to meet certain defined standards or criteria that are accepted worldwide.

Department of Software Engineering has a highly qualified faculty, most of whom have earned their Ph.D. degree from international universities of high stature and are up to date with the latest research trends. The Department is well equipped with state-of-the-art software, hardware, and communication laboratories along with the seminar library having access to digital library to cater the needs of theoretical and practical components of the courses.

The curriculum of BS Software Engineering Programme includes the courses that contribute towards the art of engineering complex systems, the students seek skills relevant to research, design, development and testing to build the robust systems to enable computers perform tasks optimally with the creative applications, and that too are in line with HEC guidelines.

The main objectives of Department of Software Engineering is to impart quality education to the students following a strong and coherent Programme that equip them with latest skills for industry and research activities, train them to contribute effectively towards the society through problem solving skills, application of engineering knowledge and leadership and lifelong learning attitude after completion of their degree.

The present faculty comprises the following:

Pathan Kamran Taj, Professor and Chairman
MSc Computer Technology (S.U.) 1999, Ph.D (University of Leicester, UK) 2013

Arijo Niaz Hussain, Associate Professor
BCIT (Hons) (S.U.) 2002, Ph.D (University of Leicester, UK) 2012

Hakro Dil Nawaz, Associate Professor
BCIT (Hons) (S.U.) 2002, M.Phil (IT) (S.U.) 2012, Ph.D (USM, Malaysia) 2015,

Qabulio Mumtaz, Assistant Professor
BS Software Engineering (S.U.) 2010, Ph.D. (Computer Science) (S.U.) 2019

Soomro Arjumand Bano, Lecturer (on Sabbatical Leave)
BCIT (Hons) (S.U.) 2002, Ph.D (IIUM, Malaysia) 2018

BS (SOFTWARE ENGINEERING): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) (MORNING & EVENING) CH-136

Pre-requisite: H.S.C Pre- Engineering or General Science group with Mathematics, Physics and Computer background, with at least 50% aggregate marks, Pre- Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
IS 302	Islamic Studies/Ethics (Gen.Edu.)	2	ENG 301	Communication Skills (English-II) (Gen.Edu.)	3
ENG 300	Functional English (Gen.Edu.)	3	----- 303	Uni. Elective-I	3
SENG 310-311	Basic Electronics (Comp. Supporting)	2+1	SENG 318-319	Digital Logic Design (Comp. Core)	2+1
SENG 312-313	Programming Fundamentals (Comp. Core)	3+1	SENG 320-321	Object Oriented Programming (Comp. Core)	3+1
SENG 314-315	Information and Communication Technologies (Gen.Edu.)	2+1	SENG 322	Discrete Structures (Comp. Core)	3
SENG 316	Calculus and Analytical Geometry (Comp. Supporting)	3	SENG 324	Probability & Statistics (Comm. Supporting)	3

SECOND YEAR

Third Semester		C.H.
PS 303	Pakistan Studies (Gen.Edu.)	2
ENG 400	Technical Report Writing (English-III) (Gen.Edu.)	3
SENG 414-415	Data Struc. & Algorithms (Comp. Core)	3+1
---- 416	Uni. Elective-III	3
SENG 418	Linear Algebra (Comp. Supporting)	3
SENG 420-421	Microprocessor and Assembly Language (SE Elective-I)	2+1

Fourth Semester		C.H.
---- 402	Uni. Elective-II	3
SENG 422	Professional Practices (Gen.Edu.)	2
SENG 424-425	Python Programming (SE Elective-II)	2+1
SENG 426	Software Engineering (Computing Core)	3
SENG 428-429	Computer Communication And Networks (Comp. Core)	2+1
SENG 430-431	Database Systems (Comp. Core)	3+1

THIRD YEAR

Fifth Semester		C.H.
SENG 510-511	Object Oriented Software Engineering (SE Core)	2+1
SENG 512	Software Requirement and Specifications (SE Core)	3
SENG 514-515	DB Administration and Management (SE Elective)	2+1
SENG 516-517	Computer Graphics (SE Elective III)	2+1
SENG 518-519	Web Engineering (SE Elective)	2+1
SENG 520-521	Operating Systems (Comp. Core)	2+1

Sixth Semester		C.H.
SENG 524-525	Mobile Application Development (SE Elective IV)	2+1
SENG 526-527	Multimedia Systems and Design (SE Elective)	2+1
SENG 528-529	Software Project Management (SE Core)	2+1
SENG 530	Software Design and Architecture (SE Core)	3
SENG 532	Data Science (Supporting Elective-I)	3
SENG 534	Secure Software Development (SE Core)	2+1

FOURTH YEAR

Seventh Semester		C.H.
SENG 610-611	Cloud Computing (Supporting Elective-II)	2+1
SENG 612-613	Human Computer Interaction (Comp. Core)	2+1
SENG 614-615	Service Oriented Architecture (Suporting Elective-III)	2+1
SENG 616	Formal Methods (SW Eng Core)	3

Eighth Semester		C.H.
SENG 618-619	Software Verification and Validation (SE Core)	2+1
SENG 620-621	Pervasive Computing (Supporting Elective-IV)	2+1
SENG 622	Software Engineering Economics (Supporting Elective-V)	3
SENG 624	Capstone Project Part-II (Comp. Core)	6

DEPARTMENT OF TELEMEDICINE AND e-HEALTH

In the year 2005, the Institute of Information Technology, University of Sindh started a 2-year Master of Science in telemedicine and e-health degree Programme. Master's degree in Telemedicine and e-health provides a thorough introduction to medical technology, how health care is organized and how best to introduce telemedicine to provide better services to patients. TELEMEDICINE AND e-HEALTH combine the fields of medicine, information science and information technology to formulate various systems for generating, validating, securing and integrating health-related data. The purpose is to deliver effective, integrated, and high quality health care to patients. It involves bringing together various resources, techniques and systems to maximize the use of the wealth of medical knowledge, technological advances and drug breakthroughs that are available.

The present faculty comprises the following:

Memon Shahzad Ahmed, Professor and **Chairman**
M.Sc. Electronics (S.U.) 1999, Ph.D. (Brunel University, UK) 2013

Need based shared faculty members from other departments.

TELEMEDICINE AND e-HEALTH (EVENING)
M.Sc. 2 YEARS DEGREE PROGRAMME CH-40

Pre-requisite: MBBS, BDS, B-Pharmacy, BS/BSC Medical Technology/ Bio-Technology/ Biochemistry/ Microbiology/Telecommunication/ Computer Science/ Software Engineering/Information Technology, Physiology and BE Computer Systems, Electronics, Zoology and Botany.

First Semester		C.H.	*Second Semester*		C.H.
TMED 510-511	Healthcare Informatics	2+1	TEMD 522-523	Communication and Networks	2+1
TMED-512	Knowledge, Information and Data	2	TEMD 524-525	Knowledge Discovery and Data mining	2+1
TEMD 514-515	Telemedicine Devices	2+1	TEMD-526	Information Processing in Healthcare	3
TEMD 516-517	Clinical Systems	2+1			
TEMD-518	Telemedicine and e-Health	3	TEMD-527	Healthcare Information Resources Management	3
TEMD-520	Remote Healthcare	3	TEMD-528	Patient Informatics	3

Third & Fourth Semester	C.H.

Students will carry out research project work

TEMD-618	**Research Project**	**8**

Note: The students who complete courses of two semesters only, will be awarded **Diploma in Telemedicine and e- Health** and the students who opt for one-year research project, after two-semester taught courses, will be awarded **M. Sc in Telemedicine and e-Health** on successful completion.

FACULTY OF
ISLAMIC STUDIES

The Faculty of Islamic Studies was established in June, 1992. It comprises of the following two departments, that were earlier functioning under the umbrella of Faculty of Arts:
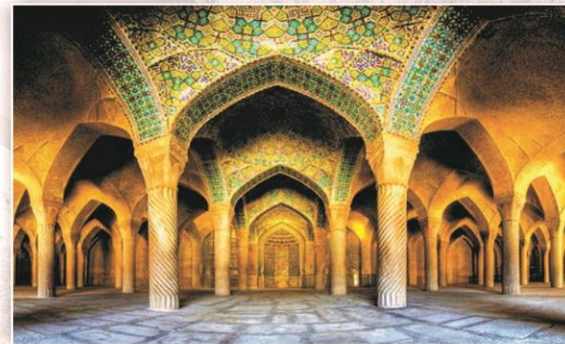
1. Department of Comparative Religion and Islamic Culture
    (Established 1952)

2. Department of Muslim History
    (Established 1953)

Prof. Dr. Hafiz Munir Ahmed Khan
Dean
Ph.D. (SU)

PROGRAMMES

BS Comparative Religion

BS Islamic Studies

BS Muslim History

DEPARTMENT OF COMPARATIVE RELIGION AND ISLAMIC CULTURE

This department is the second oldest teaching department of the University, established in 1952. It offers BS 4-Year in Comparative Religion and Islamic Culture as well as MA Previous & Final. It also offers Postgraduate degree Programmes in the disciplines of (i) Comparative Religion and (ii) Islamic Culture. It has produced more than 250 Ph.D. and more than 35 M.Phil. degrees in the subject of Islamic Culture since its inception. This is the highest number of Ph.Ds. produced in any discipline in the University of Sindh.

The teaching faculty comprises the following: -

Khan, Hafiz Munir Ahmed, Professor & **Dean**
MA (Is. Cul) 1992, MA (Arabic) 1995, Ph.D. 1997 (S.U.)

Arain, Naheed, Associate Professor & **Chairperson**
MA (Is. Cul) 2002, MA (Religion) 2007, Ph.D. (S.U.) 2011

Rind, Bashir Ahmed, Associate Professor
MA (S.U.) 1997, Ph.D. (S.U.) 2007

Kandhro, Mukhtiar Ahmed, Associate Professor
MA Arab. Lit (SALU) 2000, MA Is. studies (IIUI) 2004, Ph. D, Is. Studies (UK)

Nizamani, Nizamuddin, Assistant Professor
MA (S.U.) 1996

Bhutto, Hafiz Sibghatullah, Assistant Professor
MA (Is. Cul) (S.U.) 2003, Ph.D. (S.U.) 2021

Bhutto, Jabeen, Assistant Professor
MA (Is. Cul) (S.U.) 1994, Ph.D. (S.U.) 2015

Kaloi, Abdul Rehman, Assistant Professor
MA (S.U.) 2001, Ph.D. (Mahidol University, Thailand) 2017

BS (ISLAMIC STUDIES): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136
Pre-requisite: H.S.C., Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
IS 300	Islamic Studies (Compulsory)	2	ENG 306	English – II (Compulsory)	3
ENG 301	English I (Compulsory)	3	PS 307	Pakistan Studies (Compulsory)	2
CS 302	Introduction to Computer Skills (Compulsory)	3	ST 308	Statistics – I	
			IS 309	Minor – 3	3
IS 303	Minor – I	3	IS 310	Minor – 4	3
IS 304	Minor – 2	3	IS 311	Arabic Languages – I (F–2)	3
IS 305	Introduction of Topics of Holy Quran (F–1)	3			

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENG 400	English III (Compulsory)	3	ENG 406	English – IV(Compulsory)	3
SIND/URD 401	Sindhi/Urdu – I (Compulsory)	3	SIND/URD 407	Sindhi/Urdu – II (Compulsory)	3
IS 402	Minor – 5	3	IS 408	Minor – 7	3
IS 403	Minor – 6	3	IS 409	Minor – 8	3
IS 404	Uloom-Al-Quran (F-3)	3	CIVIL 410	Civilization (Compulsory)	3
GEOG 405	Geography (Compulsory)	3	IS 411	Arabic Language – II (F-4)	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
IS 500	History of Tafseer & its Principles (F-5)	3	IS 505	Textual Study of Al-Quran-II (M-2)	3
IS 501	Textual Study of Al-Quran-I (M-1)	3	IS 506	Textual Study of Al-Hadith-I (M-3)	3
IS 502	Study of Seerah of Holy Prophet (PBUH) (F-6)	3	IS 507	History of Fiqh (F-9)	3
			IS 508	Fiqh – Al – Sunnah (M-4)	3

		C.H.			C.H.
IS 503	Uloom-Al- Hadith (F-7)	3	IS 509	Comparative Study of Wolrd Religions (M-5)	3
IS 504	Uloom-Al-Fiqh (F-8)	3	IS 510	Al-Dawah-wal-Irshad (M-6)	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
IS 600	Fiqh-Al-Quran (M-7)	3	IS 606	Muslim Economies Thought(M-10)	3
IS 601	Textual Study of Muslim Family Laws (M-8)	3	IS 607	Philosophy and Objectives of Shariah (E-4)	3
IS 602	Methodology of Research in Islamic Studies (E-I)	3	IS 608	Modern Muslim World: Resources and Problems (E-5)	3
IS 603	History of Islamic Culture and Civilization (M-09)	3	IS 609	Research Project & Viva-Voce (M-11)	6
IS 604	Akhlaq and Tasawwuf (E-2)	3			
IS605	Philosophy and Ilm-Al-Kalam(E-3)	3			

MA (ISLAMIC STUDIES): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-72

Pre-requisite: Bachelor (Hons.) degree with major in Islamic Culture.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
IS 500	History of Tafseer & its Principles (F-5)	3	IS 506	Textual Study of Al-Quran-II (M-2)	3
IS 501	Textual Study of Al-Quran-I (M-1)	3	IS 507	Textual Study of Al-Hadith-I (M-3)	3
IS 502	Study of Seerah of Holy Prophet (PBUH) (F-6)	3	IS 508	History of Fiqh (F-9)	3
			IS 509	Fiqh – Al – Sunnah (M-4)	3
IS 503	Uloom-Al- Hadith (F-7)	3	IS 510	Comparative Study of World Religions (M-5)	3
IS 504	Uloom-Al-Fiqh (F-8)	3			
RE 505	Remedial English-I (Compulsory)	3	IS 511	Al-Dawah-wal-Irshad (M-6)	3
			RE 512	Remedial English-II (Compulsory)	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
IS 600	Fiqh-Al-Quran (M-7)	3	IS 606	Muslim Ecnomics Thought (M-10)	3
IS 601	Textual Study of Muslim Family Laws (M-8)	3	IS 607	Philosophy and Objectives of Shariah (E-4)	3
IS 602	Methodology of Research in Islamic Studies (E-I)	3	IS 608	ModernMuslim World: Resources And Problems (E-5)	3
IS 603	History of Islamic Culture and Civilization (M-09)	3	IS 609	Research Project & Viva-Voce (M-11)	6
IS 604	Akhlaq and Tasawwuf (E-2)	3			
IS 605	Philosophy and Ilm-Al-Kalam(E-3)	3			

BS (COMPARATIVE RELIGION): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite H.S.C., Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
IS 300	Islamic Studies (Compulsory)	2	ENG 306	English – II (Compulsory)	3
ENG 301	English I (Compulsory)	3	PS 307	Pakistan Studies (Compulsory)	2
CS 302	Introduction to Computer Skills (Compulsory)	3	ST 308	Statistics (Compulsory)	3
			CR 309	Minor -III (E)	3
CR 303	Minor – I (E)	3	CR 310	Minor – IV (E)	3
CR 304	Minor – II (E)	3	CR 311	History of Revealed Religions (F)	3
CR 305	Pre-Islamic Religions of Holy Quran (F)	3			

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENG 400	English III (Compulsory)	3	ENG 406	English – IV (Compulsory)	3
SIN/URD 401	Sindhi/Urdu - I (Compulsory)	3	SIN/URD 407	Sindhi/Urdu - II (Compulsory)	3
CR 402	Minor – V (E)	3	CR 408	Minor - VII (E)	3
CR 403	Minor – VI (E)	3	CR 409	Minor - VIII (E)	3
GEOG 404	Geography (Compulsory)	3	CIVIL 410	Civilization (Compulsory)	3
CR 405	History of Non Revealed Religions (F)	3	CR 411	Western Criticism of Judaism And Christianity (F)	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
CR 500	Thematic Tafsir of Belief Verses (F)	3	CR 505	Comparative Religion - II (Issues/Debates) (M)	3
CR 501	Study if Seerah (F)	3	CR 506	Psychology of Religion - II (M)	3
CR 502	Comparative Religion - I (Foundation and Development) (M)	3	CR 507	Sociology of Religion - II (M)	3
CR 503	Psychology of Religion - I (M)	3	CR 508	Orientalism (F)	3
CR 504	Sociology of Religion - I (M)	3	CR 509	Al-Dawah wa Al-Irshad (F)	3
			CR 510	Islam and Modern Western Thoughts (F)	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
CR 600	Comparative Religion - III (Issues/Debates) (M)	3	CR 606	Comparative Religion - IV (Textual Study) (M)	3
CR 601	Philosophy of Religion-I (M)	3	CR 607	Philosophy of Religion – II (M)	3
CR 602	Religion and Science – I (M)	3	CR 608	Religion and Sciences-II (M)	3
CR 603	Akhlaq and Tasawwuf (F)	3	CR 609	Research Project & Viva-Voce (M)	6
CR604	Methodology of Research in Comparative Religion (F)	3			
CR 605	Interfaith Dialogue and Islam(M)	3			

MA (COMPARATIVE RELIGION): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-72

Pre-requisite: Bachelor degree preferably with Religion as one of the elective subjects; Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
CR 500	Thematic Tafsir of Belief Verses (F)	3	CR 505	Comparative Religion - II (Issues/Debates) (M)	3
CR 501	Study if Seerah (F)	3	CR 506	Psychology of Religion - II (M)	3
CR 502	Comparative Religion - I (Foundation and Development) (M)	3	CR 507	Sociology of Religion - II (M)	3
CR 503	Psychology of Religion - I (M)	3	CR 508	Orientalism (F)	3
CR 504	Sociology of Religion - I (M)	3	CR 509	Al-Dawah wa Al-Irshad (F)	3
RE 505	Remedial English (Compulsory)	3	CR 510	Islam and Modern Western Thoughts (F)	3
			RE 511	Remedial English (Compulsory)	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
CR 600	Comparative Religion - III (Issues/Debates) (M)	3	CR 606	Comparative Religion - IV (Textual Study) (M)	3
CR 601	Philosophy of Religion-I (M)	3	CR 607	Philosophy of Religion – II (M)	3
CR 602	Religion and Science – I (M)	3	CR 608	Religion and Sciences-II (M)	3
CR 603	Akhlaq and Tasawwuf (F)	3	CR 609	Research Project & Viva-Voce (M)	6
CR 604	Methodology of Research in Comparative Religion (F)	3			
CR 605	Interfaith Dialogue and Islam(M)	3			

DEPARTMENT OF MUSLIM HISTORY

The Department of Muslim History was established in 1952-53 at Elsa Kazi Campus, Hyderabad. In September 1971 the Department of General History and Muslim History were merged under the name of Department of History. Again in 1978, they were bifurcated into Muslim History and General History. The Department of Muslim History offers 4-year Degree Programme and MA (Pass) in the discipline of Muslim History.

The BS 4-year Programme in Muslim History was introduced from the Academic year 2015. This department is imparting quality education and teaching Programmes are revised and updated as per requirement of the society. This department has also started M.Phil. Programme. This department with the help of qualified faculty members is providing up to date knowledge of various subjects of History of the Muslims from the advent of Islam upto the History of Freedom Movement of Pakistan.

The teaching faculty comprises the following:

Laghari, Muhammad Ali, Assistant Professor and **(Incharge Chairman)**
Ph.D. (S.U.)

Kabooro, Nasrullah, Assistant Professor
Ph.D. (S.U.)

Solangi, Farzana, Lecturer
M.Phil (S.U.)

Mughal, Muhammad Mudasir Nawaz, Lecturer
MA (S.U.)

Syed, Wali Muhammad Shah, Lecturer
MA (S.U.)

Laghari, Asif Iqbal, Teaching Assistant
MA (S.U.)

Jamali, Kiran, Teaching Assistant
MA (S.U.)

BS (MUSLIM HISTORY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-135
Pre-requisite: H.S.C or Equivalent; Pre-Entry Test.

First Year

First Semester		C.H.
ENG 300	English	3
IS/ET302	Islamic Studies/ Ethics for Non-Muslim	2
CS/STAT 306	Computer Skills/ Statistics	3
MH 310	History of life of Prophet Muhammad (S.A.W)	4
	Minor-I	3
350	Minor-II	3

Second Semester		C.H.
ENG 301	English	3
PS 303	Pakistan Studies	2
CS/ STAT 308	Computer Skills/ Statistics	3
MH 312	History of Pious Caliphs (Khulafai Rashdin)	4
	Minor - I	3
351	Minor - II	3

Second Year

First Semester		C.H.
ENG 400	English	3
SIND/URD 402	Sindhi / Urdu	2
GS/GEOG/ CIV406	General Mathematics/ Geography/ Civilization	3
MH 410	History of Banu Ummayyad of Damascus	4
	Minor - I	3
450	Minor - II	3

Second Semester		C.H.
ENG 401	English	3
SIND/URD 403	Sindhi / Urdu	2
RD/ ENVI 408	Rural Development/ Environmental Science/ General Science	3
MH 412	History of BanuAbbasids of Baghdad (Abbasids Movements up to Mutawakill)	4
	Minor - I	3
451	Minor - II	3

Third Year

First Semester		C.H.
MH 501	History of Muslim Rule in Western Europe-I (Muslims in Spain)	3
MH 502	History of Muslim Rule in South Asia (711 - 1526)	3
MH 503	History of Sindh (Ancient times to Soomra's)	3
MH 504	History of Freedom Movement of Pakistan (1857 – 1929)	3
MH 505	History of Muslim Historiography	3

Second Semester		C.H.
MH 551	History of Muslim Rule in Western Europe-II (Muslims in Spain)	3
MH 552	History of Muslim Rule in South Asia (1526 - 1857)	3
MH 553	History of Sindh (Samas to Talpures)	3
MH 554	History of Freedom Movement of Pakistan (1930 – 1947)	3
MH 555	History of Muslim Historiography-II	3

Fourth Year

First Semester		C.H.
MH 601	History of Muslim Rule in Eastern Europe (Ottoman Empire)-I	3
MH 602	History of Muslim Political Thought - I	3
MH 603	History of Modern Muslim World (Iran, Turkey)	3
MH 604	History of Muslim Institutions - I	3
MH 605	History of Modern Sindh (1843 - 1924)	3

Second Semester		C.H.
MH 651	History of Muslim Rule in Eastern Europe (Ottoman Empire)-II	3
MH 652	History of Muslim Political Thought - II	3
MH 653	History of Modern Muslim World (Egypt, Saudi Arabia)	3
MH 654	History of Muslim Institutions - II	3
MH 655	History of Modern Sindh (1924 - 1947)	3
MH 660	Comprehensive Viva-Voce	3

MA (MUSLIM HISTORY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: Bachelor degree, peferably with Muslim History as one of the elective subjects, Pre-Entry Test.

MA (PREVIOUS) COURSES

First Semester		C.H.
MH 506	History of the life and Teachings of Holy Prophet	3
MH 507	History of Ummayads of Damascus	4
MH 508	History of Sindh: (Ancient times to Soomra's)	3
MH 509	History of Freedom Movement (1857 - 1906)	3
MH 510	History of Muslim Historiography-I	3

Second Semester		C.H.
MH 556	History of Pious Caliphs (Khulfai Rashdin)	3
MH 557	History of Abbasids of Baghdad	4
MH 558	History of the Sindh (Samas to Talpures)	3
MH 559	History of Freedom Movement (1906 - 1947)	3
MH 560	History of Muslim Historiography - II	3

MA FINAL (PASS) COURSES

First Semester		C.H.
MH 601	History of Muslim Rule in Eastern Europe (Ottoman Empire-I)	4
MH 602	History of Muslim Rule in Western Europe: (Muslim in Spain-I)	4
MH 604	History of Modern Muslim Counters-I (Iran, Turkey)	4

Optional courses Requirements:		C.H.
MH 603	History of Muslim Political Thought and Administration-I	4
MH 605	Muslim of Muslim Institutions-I	4

Second Semester		C.H.
MH 651	History of Muslim Rule in Eastern Europe (Ottoman Empire-II)	4
MH 652	History of Muslim Rule in Western Europe: (Muslim in Spain-II)	4
MH 654	History of Modern Muslim Counters-II (Egypt, Saudi Arabia)	4
MH 660	Comprehensive Viva-Voce	2

Optional courses Requirements:		C.H.
MH 653	History of Muslim Political Thought and Administration - II	4
MH 655	History of Muslim Institutions - II	4

FACULTY OF
LAW

The Faculty of Law of the University of Sindh was established in 1950 under the University of Sindh Act-1947 with such outstanding personalities as Honorable Justice Tayabji as the first Dean. However, it remained practically dormant as the LL.B teaching was conducted through Government Law Colleges affiliated to the University. It was revived in 1989 through the statutes framed under 1972 Act of the University of Sindh. Professor P.M Amar, Jehangir Hussain Shah and Ahmed Ali Shaikh remained Dean Faculty of Law. Since 02-07-2011 Mr. Jhamat Jethanand is Dean Faculty of Law.

With increasing demand for legal education, new Law Colleges have been established in the Public and private sector. Presently 19 law colleges (4 in Public & 15 in Private sector) are affiliated with the University of Sindh offering LL.B Degree as per regulations of the Pakistan Bar Council.

With growing demand for experts and highly qualified professionals, under the changing socio-political scenario, it was felt that legal education at Master level be imparted. The University of Sindh therefore, established the Department of Law in JULY 2005 to offer two year LL.M program. The department was officially inaugurated by the then Chief Justice Sindh High Court; late Justice Sabihuddin Ahmed and LL.M classes were started under evening program.

Jhamat Jethanand
Dean

The University has also pioneered the introduction of **Bachelor of Law (Hons) Five years (Ten Semester) Degree program.** That would fulfill the long felt demand to produce full time educated professionals, to meet the challenges in the global context. The 1st batch was inducted in October-2008 and teaching commenced in February-2009. The said batch passed out in 2013.

PROGRAMMES

Bachelor Degree Programme

LLB (5 Years 10 Semesters)

Master Degree Programme (Evening)

LLM (2 Years 4 Semesters)

INSTITUTE OF LAW

The Department of Law was promoted to Institute of Law in 2008-09. Mr Muhammad Yousuf Laghari was the first Chairman of the Department and became Director of the Institute of Law. Vide notification dated 01-11-2010 two member's committee consisting of Mr Jhamat Jethanand and Professor Aftab Ahmed Shaikh was appointed to look after the management of the Institute of Law.

Faculty

The Institute of Law is privileged to have services of highly qualified permanent and visiting faculty to teach Master and Bachelor Programmes.

The Permanent Faculty:

Laghari, Ali Raza (Assistant Professor and Incharge)
LLM (K.U), LLB (S.U.), Fellowships USA, Singapore

Syed, Sardar Ali Shah (Assistant Professor)
LLM (S.U.), LLB (S.U.)

Barkat Arun (Assistant Professor)
LLM (London), LLB (K.U)

Anjum Rehana (Assistant Professor)
LLM (S.U.), LLB (S.U.)

Jatoi, Shabana Kausar (Lecturer)
LLM (S.U.), LLB (S.U.)

Mangi, Danish Bashir (Lecturer)
LLM (S.U.), LLB (S.U.)

The visiting faculty:

Prof. Bhutto, Sanaullah
Post Doctorate Islamic Studies (Australia) Ph. D Islamic Studies (S. U) M.Phil. Sharia Law (Madina)

Prof. Sahito, Gul Mohammad
MA Linguistics (England), MA Islamic Culture (S.U.), LLB (S.U.)

Siddiqui, Hakim Ali
LLB (S.U.)

Soomro, Arshad Hussain
LLB (S.U.)

Bachani, Masood ul Nabi
LLM (London), LLB (S.U.)

Memon, Hyder Ali
LLM (S.U.), LLB (S.U.), M.Sc. Criminology (S.U.)

Syed, Wasi Hyder
LLM (S.U.), LLB (S.U.)

Qureshi, Karim Bux
LLB (S.U.), MA English (S.U.)

Sipio, Mohammad Aslam
LLM (K.U), LLB (S.U.)

Soomro, Parveen
LLB (S.U.)

Baloch, Ghulam Sarwar
LLM (S.U.), LLB (S.U.)

Palh, Ali Ahmed
LLM (USA), LLB (S.U.)

Siddiqui, Abdul Waheed
LLB (S.U.)

Ashfaque Ahmed
LLB (S.U.)

Syed, Ahmed Rasheed
LLM (S.U.), LLB (S.U.)

Nasira
LLM (S.U.), LLB (S.U.)

Khoso, Fouzia
LLB (S.U.)

Qureshi, Riazuddin
LLM (S.U.), LLB (S.U.)

Iqra Majeed
MS English (MUET), BS (English) (S.U.)

Kolachi, Mohammad Ali
LLM (S.U.), LLB (S.U.)

Buriro, Javed Ali
LLM (S.U.), LLB (S.U.)

Naveed Sharif
LLB (S.U.)

Mohammad Ahsan
LLB (S.U.)

Naresh Kumar
LLM (S.U), LLB (S.U.)

Jatoi, Mohammad Nouman
LLB (S.U.)

Bughio, Salma
LLM (S.U), LLB (S.U.)

Bhatti, Shehnaz
LLB (S.U.)

Pireh Anwar
LLB (S.U.)

Sahito, Azad Ali
LLM (S.U), LLB (S.U.)

Khilji, Muhammad Mubasher
LLM (S.U), LLB (S.U.)

Syeda Sughra Shah
LLB (S.U.)

Sohail Hussain
LLB (S.U.)

Riyasat Ali
LLB (S.U.)

LLB (HONS) 5 YEARS DEGREE PROGRAMME (10 SEMESTERS) CH-180

Pre-requisite: H.S.C with at least 45% marks and Law Admission Test (LAT) by HEC with 50% passing marks.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 301	English Language-I	3	ENG 307	English Language-II	3
PS 302	Pakistan Studies	3	IS/ET 308	Islamic Studies/ Ethics for Non-Muslims	3
LAW 303	Introduction to Jurisprudence-I	3	LAW 309	Introduction to Jurisprudence-II	3
SOC 304	Introduction to Sociology	3	SD 310	Skills Development	3
LAW 305	Legal System of Pakistan	3	LAW 311	Constitutional Development in Pak	3
LAW 306	Law of Contract-I	3	LAW 312	Law of Contract - II	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
LAW 401	Public International Law-I	3	LAW 407	Public International Law-II	3
LAW 402	Constitutional Law-I (UK and USA)	3	LAW 408	Constitutional Law-II (Pakistan)	3
MATH 403	Basic Mathematics	3	LAW 409	Islamic Personal Law	3
ECO 404	Fundamentals of Economics	3	LAW 410	Human Rights Law	3
PSc 405	Principles of Political Science	3	LAW 411	Law of Torts	3
LAW 406	Islamic Jurisprudence	3	LAW 412	Legal English	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
LAW 501	Administrative Law	3	LAW 507	Labour and Employment Laws	3
LAW 502	Corporate Law-I	3	LAW 508	Law of Property	3
LAW 503	Criminal Law-I	3	LAW 509	Criminal Law-II	3
LAW 504	Legal Argument and Reasoning	3	LAW 510	Corporate Law-II	3
LAW 505	Revenue Law	3	LAW 511	Cyber Law	3
LAW 506	Intellectual Property Law	3	LAW 512	Energy Law	3

FOURTH YEAR

Seventh Semester		C.H.
LAW 601	Banking Law	3
LAW 602	Law of Civil Procedure-I	3
LAW 603	Conflict of Laws	3
LAW 604	Environmental Law	3
LAW 605	Arbitration, Limitation & Rent Laws	3
LAW 606	International Humanitarian Law	3

Eights Semester		C.H.
LAW 607	Interpretation of Statues and Legislative drafting	3
LAW 608	Law of Civil Procedure-II	3
LAW 609	Pleading and Conveyancing	3
LAW 610	Law of Equity, Trust and Specific Relief	3
LAW 611	Taxation Law	3
LAW 612	Municipal Law	3

FIFTH YEAR

Ninth Semester		C.H.
LAW 701	Law of Criminal Procedure-I	3
LAW 702	Law of Evidence-I	3
LAW 703	Research Methodology	3
LAW 704	Illegal Dispossession Act	3
LAW 705	Medical & Forensic Law	3
LAW 706	International Economic Law	3

Tenth Semester		C.H.
LAW 707	Law of Criminal Procedure-II	3
LAW 708	Law of Evidence-II	3
LAW 709	Moot Cases and Role Playing	3
LAW 710	Election Laws	3
LAW 711	Legal Ethics	3
LAW 712	Research Projects and Viva	3

LLM 2 YEARS (4 SEMESTERS) EVENING DEGREE PROGRAMME

Pre-Requisite: LL. B Degree (Second Class) and Pre Entry Test

LL.M PREVIOUS

First Semester		C.H.
LAW-803	Shariat Law – I	4
LAW-805	Human Rights – I	4
LAW-807	Comparative Study of World Constitution – I	4
LAW-809	Comparative study of Islamic and Western Jurisprudence – I	4

Second Semester		C.H.
LAW-804	Shariat Law – II	4
LAW-806	Human Rights – II	4
LAW-808	Comparative Study of World Constitution – II	4
LAW-810	Comparative study of Islamic and Western Jurisprudence-II	4

Students of LLM (Previous) are required to secure 2.00 CGPA for promotion to LLM (Final).

LLM FINAL

During the final year the students will have choice to select two subjects mentioned below. Law course No. Law-929-930 Research Methodology I and II having 04 credit hours for each Semester is compulsory. The students will have to compulsorily write Dissertation/Research Project/Thesis with the guidance of Supervisor/Director. The topic of the research project/thesis will be decided in consultation with the course supervisor and to be approved by the Thesis Committee.

Third Semester and Fourth Semester	C.H.
LAW-915-16 Labour, Services, Employment and Industrial Relation Law (I & II)	4+4
LAW-917-18 Banking Law (I & II)	4+4
LAW-919-20 Taxation Law (I & II)	4+4
LAW-921-22 Company Law (I & II)	4+4
LAW-923-24 Public International Law (I & II)	4+4
LAW-925-26 Qanoon-e-Shahadat (I & II)	4+4
LAW-927-28 Criminology (I & II)	4+4

Comprehensive Viva Voce: Students will have to appear in comprehensive viva voce examination.

Minimum 2.00 CGPA is required to get degree.

FACULTY OF
NATURAL SCIENCES

The Faculty of Natural Sciences is one of the oldest Faculties, established in 1953, starting with Chemistry, Mathematics and Physics departments with addition of Botany (1954), Zoology and Geography (1955) and followed by Geology in 1956. The Faculty has expanded further over the years and now comprises of three Centres, Eight Institutes and Six teaching departments. It is the largest Faculty of the University, with 60% of the total students enrolment. Most of the departments/institutes and their faculty have been actively involved in research. "Sindh University Science Research Journal "Y category" is a regular publication of the Faculty since 1965 with contributions from the faculty members as well as renowned national scholars.

The Faculty also enjoys the distinction of being the first among Public Sector Universities of the country to introduce 4 years Bachelor degree (B.S) program for all the disciplines; The 4 years study provides thorough grounding in the major disciplines alongwith broad-based knowledge in relevant fields, e.g., General Maths courses for Biology students or vice versa, besides, courses under social science, e.g economics, civilization, etc.

Prof. Dr. Wazir Ali Baloch
Dean
Ph.D (Japan)

PROGRAMMES

BS Anthropology and Archeology	
BS Bio-Chemistry	
BS Bio-technology	
BS Botany	BS Mathematics
BS Chemistry	BS Medical Laboratory Technology
BS *Computer Science	BS Microbiology
BS Environmental Science	BS Nutrition and Food Technology
BS Forestry	BS Physics
BS Fresh Water Biology and Fisheries	BS Physiology
BS Genetics	BS Physical Education, Health and Sports Science
BS Geography	BS Statistics
BS Geology	BS Zoology

*Admission on district wise quota basis

Constituent Centres/Institutes/ Departments

01. Centre for Physical Education, Health and Sports Science
02. Centre for Environmental Science
03. Centre for Pure & Applied Geology
04. Institute of Bio-Chemistry
05. Institute of Biotechnology & Genetic Engineering
06. Dr. M.A. Kazi Institute of Chemistry
07. Institute of Mathematics & Computer Science
08. Institute of Microbiology
09. Institute of Physics
10. Institute of Plant Sciences
11. Department of Anthroplogy & Archeology
12. Department of Freshwater Biology & Fisheries
13. Department of Geography
14. Department of Physiology
15. Department of Statistics
16. Department of Zoology

CENTRE FOR PHYSICAL EDUCATION, HEALTH & SPORTS SCIENCES

The Centre was established as "Centre for Health & Physical Education" in 1990 as no Masters degree awarding institute was present in Sindh and as a first step, a Master's degree Programme "Master of Health and Physical Education" (M.H.P. Ed) was introduction. The first batch of this degree Programme was admitted in August, 1991. Later, two semesters (B.H.P. Ed) "Bachelors in Health & Physical Education degree Programme" was also introduced to provide skilled manpower in the field of Physical Education to cater the growing demand in secondary schools, colleges, universities and other national organizations. The Centre is well equipped with required infrastructure of excellent learning in the field of physical education including international standard gymnastic podium, standard badminton halls, table tennis, basketball, volleyball and lawn tennis arena and PCB Cricket Ground. In addition, Centre is also offering evening Programme since 2005. Keeping in view the growing need of research in the field, in 1999-2000 the centre started M.Phil. and Ph.D. Programme which is successfully going on. As per HEC directives in 2004 regarding the initiation of BS-4 year Programme, the Centre introduced BS-4-year degree Programme in Health & Physical Education in 2005 and became the pioneer of the Programme in Pakistan.

As one step forward in research, the Centre started publishing its annual Journal, "The Shield"-International Journal of Physical Education and Sports Science in 2006. Fourteen volumes have been published and more than 125 research articles have been published so far, and 15th volume is in process and will be published soon. Research journal has been promoted in "Y' category in 2012.

This Centre is flourishing day by day and has got recognition all over Pakistan as its students have remained in top ranking laurels in many competitive examinations and in the job market of all Provinces and Federal Government as well. 95% students are on jobs. The Centre has qualified and experienced faculty who are disseminating knowledge, skills and experience to their Students.

The teaching faculty comprises the following of:

Ghori, Soniha Aslam, (MD), Professor and **Director**
MBBS & Ph.D. (S.U.) 2014

Ansari, Muhammad Akram, Professor
MHPEd. (S.U.) 1992, Ph.D. (S.U.) 2013

Qambrani, Muhammad Rafique, Associate Professor
MHPEd. & Ph.D. (China) 2014

Mughal, Mehmood-Ul-Hassan, (MD) Assistant Professor
MBBS, M.Phil. (S.U.)2009

Syed, Asim Hussain, Assistant Professor
MHPEd. (SU) & M.Phil. (UOL) 2019

Soomro, Javed Ali, Assistant Professor
MHPEd & Ph. D (China) 2018

Bhatti, Ghayoor Abbass, Lecturer
MHPEd

Keerio, Maryam,
Gymnastics Demonstrator **(Girls)**
MHPEd

Ph. D and M.Phil. Supervisors
Dr. Muhammad Akram Ansari (Ph. D)
Professor
Centre for Physical Education, Health& Sports Science
01 M.Phil. supervised successfully
01 Ph. D and 05 M.Phil. in Progress
Dr. Soniha Aslam (Ph. D) (HEC Approved Supervisor)
Professor
Centre for Physical Education, Health & Sports Science
01 Ph. D and 05 M.Phil. supervised successful
08 M.Phil. in Progress
Dr. Muhammad Rafique Qambrani (Ph. D)
Associate Professor
Centre for Physical Education, Health & Sports Science
01 M.Phil. supervised successfully
01 Ph. D and 05 M.Phil. in Progress

Prof. Dr. Yasmeen Iqbal (Rtd.)
HEC Approved Supervisor and Former Director,
Centre for Physical Education, Health & Sports Science
03 Ph. D and 06M.Phil. supervised Successfully
08 M.Phil. in progress.

BS (PHYSICAL EDUCATION, HEALTH & SPORTS SCIENCES): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-134

Pre-requisite: HSC with 45% marks. The individual who possesses Sports Skills will be given preference. Pre-Entry Test from SUTC, Physical Fitness and Aptitude Test by the Centre is mandatory on next day of the test. Academic Session starts in January and ends in December.

FIRST YEAR

First Semester		*C.H.*
ENG 300	English	3
IS 302	Islamic Studies or Ethics for Non-Muslims	2
CS 306	Computer Skills	3
PEHSS 310	Foundation of Physical Education	3
PEHSS 312	Basic Human Anatomy (Th.)	3
PEHSS313	Basic Human Anatomy (Lab.)	1
PEHSS 315	Skills in Table Tennis, Squash & Tennis Games	1
PEHSS 317	Skills in Athletics Track events (Sprints)	1
PEHSS 319	Skills in Gymnastic (Floor work)	1

Second Semester		*C.H.*
ENG 302	English	3
PS 304	Pakistan Studies	2
STAT 308	Statistics	3
PEHSS 320	Introduction to Physiology (Th.)	2
PEHSS321	Introduction to Physiology (Lab.)	1
PEHSS 322	Sports First Aid (Th.)	3
PEHSS 323	Sports First Aid (Lab.)	1
PEHSS 325	Skill in Badminton, Net Ball and Hand Ball Games	1
PEHSS 327	Skills in Athletics (Throws events)	1
PEHSS 329	Skills in Gymnastics (Floor Work)	1

SECOND YEAR

First Semester		*C.H.*
ENG 400	English	3
PEHSS 410	Media and Sport (Th.)	2
PEHSS 411	Media and Sport (Lab.)	1
PEHSS 412	Human Biology	3
PEHSS 414	Introduction to Psychology	3
PEHSS 415	Skills in Basket ball, Foot ball, Shooting ball games	1
PEHSS 417	Skills in Athletics Track events (Long Races)	1
PEHSS 419	Skills in Gymnastics (Apparatus Work)	1

Second Semester		*C.H.*
ENG 402	English	3
PEHSS 420	Health Education (Community Health, Hygiene, Nutrition) (Th.)	2
PEHSS421	Health Education (Community Health, Hygiene, Nutrition) (Lab.)	1
PEHSS 422	Sports Sociology	3
PEHSS 423	Skill in Hockey, Cricket &Volley Ball Games	1
PEHSS 424	Curriculum Development in Physical Education	3
PEHSS 425	Skills in Athletics (Jumps events)	1
PEHSS 427	Skills in Gymnastics (ApparatusWork)	1

THIRD YEAR

First Semester		*C.H.*
PEHSS 500	Introduction to Sports Injuries	3
PEHSS 502	Psychology & Sports Science	3
PEHSS 504	Sports Management	3
PEHSS 506	Science of Track and Field	3
PEHSS508	Health Education (Th.) (Epidemiology of Communicable & Non-communicable Diseases)	2
PEHSS 509	Health Education (Lab.) (Epidemiology of Communicable & Non-communicable Diseases)	1
PEHSS 510	Quantitative Research Methods in Physical Education	2
PEHSS 511	Skills of Gymnastics Floor (Advanced)	1
PEHSS 513	Specialization in Selected**(Optional)** Games and Athletics	1

Second Semester		*C.H.*
PEHSS 512	Traumatology & Rehabilitation (Th.)	2
PEHSS 515	Traumatology & Rehabilitation (Lab.)	1
PEHSS 514	Physical Education for Special Population	3

PEHSS 516	Bio Mechanics of Sports	3
PEHSS 518	Rules & Techniques of Games & Sports (Th.)	2
PEHSS 519	Rules & Techniques of Games & Sports (Lab.)	1
PEHSS 520	Qualitative Research Methods in Physical Education	2
PEHSS 521	Teaching Methods and Demonstration	2
PEHSS 523	Skills of Gymnastics Floor (Advanced)	1
PEHSS 525	Specialization in Selected (Optional) Games and Athletics	1

FOURTH YEAR

First Semester		C.H.
PEHSS 600	Sports Medicine	3
PEHSS 602	Test, Measurement & Evaluation in Physical Education	3
PEHSS 606	Nutrition for Sports	3
PEHSS 627	Skills of Gymnastics Apparatus (Advanced)	1
PEHSS 629	Specialization in Selected(Optional) Games and Athletics	1
PEHSS 631	Internship/ Projects Work	2
PEHSS 633	Research Project& Viva-Voce (Quantitative)	2

Second Semester		C.H.
PEHSS 610	Application of Medicine in Sports	3
PEHSS 612	Financial Administration & Planning	3
PEHSS 614	Physiology of Sports (Th.)	3
PEHSS 615	Physiology of Sports (Lab.)	1
PEHSS 635	Skills of Gymnastics Apparatus (Advanced)	1
PEHSS 637	Specialization in Selected(Optional) Games and Athletics	1
PEHSS 639	Research Project and Viva-Voce(Quantitative)	3
PHESS 641	Comprehensive Viva-Voce	2

BPEHSS: BACHELOR OF PHYSICAL EDUCATION, HEALTH & SPORTS SCIENCES, (EVENING) 1 YEAR DEGREE PROGRAMME (2 SEMESTERS) CH-62

Pre-requisite: - B.A. / B.Sc. / B.Com. from any HEC recognized University; Preference will be given to Candidates with evidence of participation in National Provincial/intervarsity/ Intercollegiate/ District level sports competitions. Physical fitness and Aptitude test is mandatory. PET, PTI, and Sports Officers, working at Public or Private sector institutions having Third Division may also apply.

First Semester		C.H.
PEHSS 550	Foundation of Physical Education	3
PEHSS 552	Research Project	3
PEHSS 554	Science of Track and Field	3
PEHSS 556	Basic Anatomy & Physiology	3
PEHSS 558	Curriculum Development in Physical Education	3
PEHSS 560	Environmental Science	3

Practicals		C.H.
PEHSS 551	Skill in Games & Sports (outdoor & Indoor)	3
PEHSS 553	Skill in Athletics (Track and Field)	3
PEHSS 555	Skill in Gymnastic (Apparatus and Floor work)	3
PEHSS 557	Teaching Methods and Lesson Planning	3

Second Semester		C.H.
PEHSS 562	Physical Education for Handicapped	3
PEHSS 564	Studies in Health Education	3
PEHSS 566	Biomechanics of Sports	3
PEHSS 568	Rules of Games & Sports	3
PEHSS 570	Research Method in Physical Education	3
PEHSS 572	Research Project (Evaluation +Viva Voce)	3
PEHSS 574	Comprehensive Viva Voce	2

Practicals		C.H.
PEHSS 561	Skills in Games & Sports (Outdoor & Indoor)	3
PEHSS 563	Skills in Athletics (Track and Field)	3
PEHSS 565	Skills in Gymnastic (Apparatus & Floor)	3
PEHSS 567	Teaching Methods & Lesson Planning	3

(MPEHSS): MASTER OF PHYSICAL EDUCATION, HEALTH & SPORTS SCIENCES (EVENING) 1 YEAR DEGREE PROGRAMME (2 SEMESTERS) CH-54

Pre-requisite: - BPEHSS degree or equivalent. Pre-Entry/ Aptitude Tests

First Semester		*C.H.*
PEHSS 650	Philosophy of Physical Education	3
PEHSS 652	Nutrition for Sports	3
PEHSS 654	Test, Measurement and Evaluation in Physical Education	3
PEHSS 656	Sports Injuries & Management	3
PEHSS 658	Research Methods in Physical Education	3
PEHSS 660	Research Project	2

Practicals		*C.H.*
PEHSS 651	Specialization in Selected Games (Outdoor & Indoor)	4
PEHSS 653	Specialization in Selected Events of Track & Field	3
PEHSS 655	Specialization in Selected Events of Gymnastics (Apparatus & Floor Work)	3

Second Semester		*C.H.*
PEHSS 662	Sports Psychology	3
PEHSS 664	Physiology of Sports	3
PEHSS 666	Sports Medicine	3
PEHSS 668	Administration and Management in Physical Education	3
PEHSS 670	Research Project (Evaluation + Viva-Voce)	2
PEHSS 672	Comprehensive Viva-Voce	3

Practicals		*C.H.*
PEHSS 661	Specialization in Selected Games (Outdoor & Indoor)	4
PEHSS 663	Specialization in Selected Events of Track & Field	3
PEHSS 665	Specialization in Selected Events of Gymnastics (Apparatus & Floor Work)	3

CENTRE FOR ENVIRONMENTAL SCIENCE

The Environmental matters are at the centre of the political and economic areas and at the top of the developmental agenda of every country in the world. This is the outcome of a rising global concern about the protection of our environment in last few centuries; the world has witnessed a rapid but uneven economic development. The unsustainable economic development has resulted in disastrous environmental crises such as environmental pollution, climate change and depletion of resources and loss of biodiversity. The world is faced with the challenge of devising innovative development strategies to deal with the complexities of environmental deterioration and economic development. In order to cope with the challenges of increasing population, environmental deterioration and unsustainable economic development, a harmonious collaboration between human development efforts and environment concerns are urgently needed to achieve the ultimate goal of sustainable development. The target of sustainable development can only be achieved through an integrated, comprehensive approach involving social and technological changes in all sectors of human life and its environment.

Environmental Scientists are needed more than ever by industry, government and society. The Environmental Sciences, degree brings together information from a wide range of subjects to explore some of the most important threats facing the world, such as climate change, pollution, conservation, and food security. The Environmental Science degree is broadly based with its roots in biology (giving you an understanding of organisms, their environments and their communities), chemistry (providing an understanding of many natural environmental processes and pollution), earth sciences, (giving you a background in global processes), and land and water resource management. As well as deepening your scientific knowledge, this Environmental Sciences, degree also prepares professional graduates careers at a time when environmental issues are incising central to business and economic decisions. A combination of such subject areas, combined with many practical sessions and field trips, creates a degree that is both fascinating and rewarding.

Teaching Objectives:
The teaching objectives of the degree Programmes in Environmental Sciences are to enable its graduates with following key skills:
- To train leaders, develop new knowledge, and devise solutions that will restore and sustain the health of our planet.
- Learn how to analyze and assess environmental problems.
- Carry out independent scientific and technical research on environmental issues.
- Propose sustainable solutions for environmental problems.

Learning Objectives
The degree Programmes are expected to equip the graduates with an ability to understand the linkages between various bio-physical and socio-economic components of environment and with an expertise to:
1. Understand the intricate linkages within and between biophysical and socioeconomic systems, and appreciate the principles and requirements that would facilitate the transition to sustainability with these systems;
2. Apply theoretical understanding, professional judgment and skills in mitigation of environmental problems
3. Formulate and implement solutions to problems of sustainable development, through use of analytical skill and theoretical knowledge
4. Make meaningful contributions to improving legal and administrative structures and processes relevant to sustainable development and environmental management.

The teaching faculty comprises the following:

Almani Khalida Faryal, Professor & **Incharge Dean (Faculty of Pharmacy)**

Mahar Amanullah, Assistant Professor & **Director**

Abbasi Habibullah, Assistant Professor

Bhatti Muhammad Ali, Lecturer

Siddique Sara Khalil, Lecturer

Talpur Aziz Ahmed, Lecturer

BS (ENVIRONMENTAL SCIENCES): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. (Pre-Engineering/ Pre-Medical/ General Sciences) with at least 45% aggregate marks

FIRST YEAR

First Semester		C.H.
ES 310	Introduction to Environmental Sciences (Major) Theory	3
ES 311	Introduction to Environmental Sciences (Major) Practical	1
CHEM 320	Chemistry-I Minor**Physical Theory**Compulsory	2
CHEM 321	Chemistry-I Minor **Physical Practical**Compulsory	1
MATH 300	Mathematics	3
Minor 320	Geology/Microbiology/Zoology/Botany/Geography/ Fresh Water Biology/ Statistics/Physics/Bio Chemistry/ Bio Technology/Physiology **Theory(Minor)**	2
Minor 321	Geology/Microbiology/Zoology/Botany/Geography/ Fresh Water Biology/ Statistics/Physics/Bio Chemistry/ Bio Technology/Physiology **Practical(Minor)**	1
ENGL 300	English (Remedial)-I	3
PAK 300	Pakistan Studies	2

Second Semester		C.H.
ES 312	Environmental Pollution and control technologies Theory (Major)	3
ES 313	Environmental Pollution and control technologies Practical (Major)	1
Minor 322	Chemistry-II **Analytical Theory** (Minor Compulsory)	2
Minor 323	Chemistry-II **Analytical Practical** (Minor Compulsory)	1
Minor 322	Geology/Microbiology/Zoology/Botany/Geography/ Fresh Water Biology/ Statistics/Physics/Bio Chemistry/ Bio Technology/Physiology **Theory(Minor)**	2

Minor 323	Geology/Microbiology/Zoology/Botany/Geography/ Fresh Water Biology/ Statistics/Physics/Bio Chemistry/ Bio Technology/Physiology **Practical(Minor)**	1
MATH 301	Mathematics	3
ENGL 301	English (Remedial)-II	3
IS/ETH 301	Islamic Studies/ Ethics	2

SECOND YEAR

Third Semester		C.H.
ES 410	Fundamental of Ecology Theory(Major)	3
ES 411	Fundamental of Ecology Practical(Major)	1
Minor 420	Chemistry –III **Organic**Theory(Compulsory)	2
Minor 421	Chemistry –III **Organic Practical**(Compulsory)	1
Comp 400	Computer Application (N.C)	0
Minor 420	Geology/Microbiology/Zoology/Botany/Geography/ Fresh Water Biology/ Statistics/Physics/Bio Chemistry/ Bio Technology/Physiology **Theory (Minor)**	2
Minor 421	Geology/Microbiology/Zoology/Botany/Geography/ Fresh Water Biology/ Statistics/Physics/Bio Chemistry/ Bio Technology/Physiology **Practical(Minor)**	1
ENGL 400	English Compulsory –I	3
CIVIL 400	Civilization	2

Fourth Semester		C.H.
ES 412	Environmental Sampling and Instrumentation **Theory (Major)**	3
ES 413	Environmental Sampling and Instrumentation **Practical (Major)**	1
Minor 422	Chemistry –IV Minor **Inorganic Theory** (Compulsory)	2
Minor 423	Chemistry –IV Minor**Inorganic Practical**(Compulsory)	1
Minor 422	Geology/Microbiology/Zoology/Botany/Geography/ Fresh Water Biology/ Statistics/Physics/Bio Chemistry/ Bio Technology/Physiology **Theory (Minor)**	2

Minor 423	Geology/Microbiology/Zoology/Botany/Geography/ Fresh Water Biology/ Statistics/Physics/Bio Chemistry/ Bio Technology/Physiology **Practical(Minor)**	1
ENG 401	English (Compulsory)-II	3
ENG 401	Communication Skills (Compulsory)	2
COMP 401	Computer Application (N.C)	0

THIRD YEAR

Fifth Semester		*C.H.*
ENVS 500	Environmental Management & Public Health	3
ENVS 502	Biodiversity and Natural Conservation	3
ENVS 504	Solid waste Management (Theory)	3
ENVS 505	Solid waste Management (Practical)	1
ENVS 506	Environmental Microbiology (Theory)	3
ENVS 507	Environmental Microbiology (Practical)	1
ENVS 508	Environmental Economics	3

Sixth Semester		*C.H.*
ENVS 510	Environmental Chemistry (Theory)	3
ENVS 511	Environmental Chemistry (Practical)	3
ENVS 512	Applied Ecology (Theory)	3
ENVS 513	Applied Ecology (Practical)	1
ENVS 514	Earth andEnvironment	3
ENVS 516	Environmental Profile of Pakistan	3
ENVS 518	Disaster Risk Management	3

FOURTH YEAR

Seventh Semester		*C.H.*
ENVS 600	Environmental Laws & Policies	3
ENVS 602	Energy, Environment & Development Policies	3
ENVS 604	Risk Assessment and Communication	3
ENVS 606	Climatology	3
ENVS 608	GIS and Remote Sensing (Theory)	3
ENVS 609	GIS and Remote Sensing (Practical)	1

Eighth Semester		*C.H.*
ENVS 610	Occupational Health and Safety (Theory)	3
ENVS 611	Occupational Health and Safety (Practical)	1
ENVS 612	Environmental Biotechonolgy (Theory)	3
ENVS 613	Environmental Biotechonolgy (Practical)	1
ENVS 614	Natural Resource & Management	3
ENVS 616	Evironmental Impact Assessment	3
ENVS 618	Research Project	4
ENVS 620	Comprehensive Viva	2

M.Sc. (ENVIRONMENTAL SCIENCE): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-70

The 2 years M.Sc. study is spread over 18 credit hours' coursework in each semester with 10 CH research project in the final semester; the Project report/ dissertation of 10,000 words is to be submitted by the end of the Fourthsemester for evaluation.

Pre-requisite: B. Sc Pass/ Hons (or its equivalent) degree in any science subject, with second class, Pre- Entry Test.

M.Sc. (PREVIOUS)

First Semester		*C.H.*
ENVS 500	Environmental Management & Public Health	3
ENVS 502	Biodiversity and Natural Conservation	3
ENVS 504	Solid waste Management (Theory)	3
ENVS 505	Solid waste Management (Practical)	1
ENVS 506	Environmental Microbiology (Theory)	3
ENVS 507	Environmental Microbiology (Practical)	1
ENVS 508	Environmental Economics	3

Second Semester		*C.H.*
ENVS 510	Environmental Chemistry (Theory)	3
ENVS 511	Environmental Chemistry (Practical)	1
ENVS 512	Applied Ecology (Theory)	3
ENVS 513	Applied Ecology (Practical)	1
ENVS 514	Earth and Environment	3
ENVS 516	Environmental Profile of Pakistan	3
ENVS 518	Disaster Management	3

M.Sc. (FINAL)

Third Semester		*C.H.*
ENVS 600	Environmental Laws & Policies	3
ENVS 602	Energy, Environment & Development Policies	3
ENVS 604	Risk Assessment and Communication	3
ENVS 606	Climatology	3
ENVS 608	GIS and Remote Sensing (Theory)	3
ENVS 609	GIS and Remote Sensing (Practical)	1

Fourth Semester		*C.H.*
ENVS 610	Occupational Health and Safety (Theory)	3
ENVS 611	Occupational Health and Safety (Practical)	1
ENVS 612	Environmental Biotechonolgy (Theory)	3
ENVS 613	Environmental Biotechonolgy (Practical)	1
ENVS 614	Natural Resource & Management	3
ENVS 616	Evironmental Impact Assessment	3
ENVS 618	Research Project	4
ENVS 620	Comprehensive Viva	2

CENTRE FOR PURE AND APPLIED GEOLOGY

The Department of Geology was established in 1956 at Elsa Kazi Campus, Hyderabad and shifted to Allama I.I. Kazi Campus, in June 1961. The department was upgraded as **Centre for Pure and Applied Geology** in March 2006 with the approval of the Academic Council as a part of the University's Mega Project.

An advanced Research Laboratory was established in 2007, where multi-disciplinary instruments such as XRF, XRD, SEM, EDS, AAS, ABM Terrameter and GPRS along with polarizing and Fluorescent microscopes are available for the research work of M.Phil. and Ph.D. scholars. A Coal Research Lab has been established with the collaboration of Weatherford Oil Tools. M.E. Ltd. Geophysics chair with the collaboration of PPL is under process.

The Centre offers 04 year BS Degree Geology Programme along with M.Phil. / Ph.D. Programme since 2003. MS. Petroleum Geoscience is also offered by the Centre from 2015. Presently more than 100 students are registered for their M.Phil. / Ph.D. research studies. Many candidates have earned their Ph.D. and M.Phil. degrees.

Facilities are also available for the study of Biostratigraphy, Sedimentology and Petrographic of various samples received from different Petroleum companies operational in Pakistan i.e. OGDCL, PPL, ENI, and UEP.

The Centre for Pure and Applied Geology has started Programme of internship training for final year students with GSP and various Oil Companies operating in the country.

The teaching faculty comprises the following:

Agheem, Muhammad Hassan, Professor
M.Sc. (S.U.) 1998, Ph. D (Peshawar) 2008

Lashari, Rafique Ahmed, Associate Professor and **Director**
M.Sc. (S.U.) 2001, Ph. D (S.U.) 2013, Post Doc. (France) 2014

Khan, Humaira Naz, Associate Professor
M.Sc. (S.U.) 2001, Ph. D (S.U.) 2013

Hakro, Asghar Ali Alias Dahar, Associate Professor
MSc. (S.U.) 2002, Ph. D (Karachi) 2013, Post Doc. (China) 2018

Bablani, Saeed Ahmed, Assistant Professor
M.Sc. (QEAU) 1986, M. Phil (Norway) 1995

Pathan, Mushtaque Ahmed, Assistant Professor
M.Sc. (S.U.) 1988, M. Phil (BU) 2006

Sahito, Ali Ghulam, Assistant Professor
M.Sc. (S.U.) 1992, Ph. D (S.U.) 2019

Khokhar, Qamaruddin, Assistant Professor
M.Sc. (S.U.) 2001, M. Phil (S.U.) 2014, Ph. D (S.U.) 2019

Samoon, Muhammad Kashif, Assistant Professor
M.Sc. (S.U.) 2002, M. Phil (S.U.) 2014

Markhand, Akhtar Hussain, Assistant Professor
M.Sc. (S.U.) 2004, Ph. D (China) 2017

Mastoi, Abdul Shakoor, Assistant Professor
M.Sc. (S.U.) 2002, Ph. D (China) 2017

Dars, Humaira, Assistant Professor
M.Sc. (S.U.) 1998, M. Phil 2013

Shaikh, Shahid Ali, Assistant Professor
M.Sc. (QEAU) 1999, Ph. D (China) 2018

Warar, Mashooque Ali, Lecturer
M.Sc. (S.U.) 2005, M.Phil. (S.U) 2021

Memon, Kashif Ahmed, Lecturer
M.Sc. (S.U.) 1998, M.Phil. (S.U) 2020

Ghuryani, Samina, Lecturer
M.Sc. (S.U.) 2002

Samtio, Muhammad Soomar, Lecturer
BS 2010, M.Phil. (S.U) 2021

Jamali, Muhammad Afzal, Lecturer
BS 2011, M. Phil (S.U.) 2019

Rajpar, Riaz Hussain, Lecturer
M.Sc. (QEAU), M.Phil. (S.U) 2021

BS (GEOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-138

Pre-requisite; H.S.C. (Pre-Engineering/ Pre-Medical). Other Groups (studies at least two subjects from Chemistry, Physics, Computer Science, and Mathematics) with at least 45% aggregate marks.

FIRST YEAR

First Semester		C.H.
ENG 300	English- I	3
IST.ST/ETH300	Islamic Studies/Ethics	2
MATH 300	Mathematics-I	3
GEOL310-311	General Geology	4
PHY/CHEM/ GEOG 320-321	Physics/Chemistry/Geography (Optional)	3
MATH/PHSL/STAT/ GEOG/ZOOL 320-321	Functional/Applied Mathematics/Physiology/Statistics/Geography/ Zoology	3
MATH 300	Mathematics-I	

Second Semester		C.H.
ENG 301	English- II	3
IST.ST/ETH.301	Islamic Studies/Ethics	2
MATH 301	Mathematics-II	3
PHY/CHEM/ GEOG 322-323	Physics/Chemistry/ Geography (Optional)	3
MATH/PHSL/STAT/ GEOG/ZOOL 322-323	Functional/Applied Mathematics/Physiology/Statistics/Geography/ Zoology	3
GEOL312-313	Petrology and Geomorphology	4

SECOND YEAR

Third Semester		C.H.
ENG 400	Communication Skill (English- III)	3
CIVIZ 400	Civilization	2
PHY/CHEM/ GEOG 420-421	Physics/Chemistry/ Geography (Optional)	3
MATH/PHSL/STAT/ GEOG/ZOOL 420-421	Applied Mathematics/Physiology/Statistics/Geography/Zoology	3
GEOL 410-411	Palaeontology	3
GEOL 412-413	Stratigraphy	3

Fourth Semester		C.H.
ENG 401	Tech Report Writing (English- IV)	3
EVIS 401	Environmental Sciences	2
PHY/CHEM/ GEOG 422-423	Physics/Chemistry/ Geography (Optional)	3
MATH/PHSL/STAT/ GEOG/ZOOL 422-423	Applied Mathematics/Physiology/Statistics/Geography/Zoology	4
GEOL 414-415	Crystallography, Optical Mineralogy & Petrography	3
GEOL 402	Geological Field Work-I	2

THIRD YEAR

Fifth Semester		C.H.
GEOL 500-501	Geo Tectonics	3
GEOL 502-503	Structural Geology	3
GEOL 504-505	Sedimentology	3
GEOL 506-507	Geochemistry	3
GEOL 508-509	Mineralogy	3
GEOL 510-511	Igneous & Metamorphic Petrology	3

Sixth Semester		C.H.
GEOL 512-513	Geophysics	3
GEOL 514-515	Sequence Stratigraphy	3
GEOL 516-517	Remote Sensing & GIS	3
GEOL 518-519	Field Geology & Sedimentary Petrology	3
GEOL 520-521	Economic Geology	3
GEOL 522	Geological Field Work-II	3

FOURTH YEAR

Seventh Semester		C.H.
GEOL 600-601	Geology of Pakistan	3
GEOL 602-603	Petroleum Geology	3
GEOL 604-605	Environmental Geology	3
GEOL 606-607	Engineering Geology	3
GEOL 608-609	Hydrogeology	3
GEOL 610-611	Micropaleontology & Bio-Stratigraphy	3

Eighth Semester		C.H.
GEOL612-613	Special Paper-I	4
GEOL614-615	Special Paper-II	4
GEOL 616	Thesis+ Field Work	4
GEOL 617	Comprehensive Viva Voce	2

List of subjects that can be offered as special papers in consultation with the Director of the Centre, available with the Centre Office.

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INSTITUTE OF BIOCHEMISTRY

Institute of Biochemistry, University of Sindh, was established in August 1999 with the multiple purpose of fulfilling research in the areas of Biochemistry, Clinical Biochemistry, Nutrition & Food Technology, Bioanalytical Techniques, Bioinformatics and Molecular Biology. The main objective of the institute is to serve the people of the community, the province & the nation through the provisoin of the highest standards of education & training in the Biochemistry and Nutrition & Food Technology areas, and to pursue biochemical research that will further lead to improvements in human & animal's health & welfare. Today, Biochemistry / Nutrition & Food Technology graduate curriculum is at the forefront of many careers that help to keep humans, animals and plants in healthy environment and free of disease. One should feel proud to be a Biochemist / Nutritionist.who explores the secrets of life. The Institute has well developed Research Laboratories in the field of Clinical Diagnosis, Nutrition & Food Technology, Molecular Biology, Bioinformatics, Bioanalytical & Toxinnology Research. The institute is offering 08 degree programmess, BS in Biochemistry, M.Sc. in Biochemistry, M.Phil. in Biochemistry, Ph.D. in Biochemistry, BS in NUFT, M.Phil. in NUFT, Ph.D. in NUFT & one-year Diploma in Food Analysis & Food Security.

MISSION STATEMENT:

- To teach and prepare undergraduate students for position of leadership in new biology / Nutrition and Food Technology that will continue to develop in the following decades.
- To equip them to solve and overcome the challenging prolems in life sciences.
- To produce students and researchers in the field of Biochemistry and Nutrition & Food Technology.
- The Institute Collaborates with other Institutes within the country and aboard to promote learning in order to meet the current challenges in relevant fields.
- Different scientific meetings and conferences has been organized to facilitate exchange of ideas.

- To understand the professional and ethical responsibilities of Biochemists and Nutritionists.
- To have ability to solve nutritional and biochemical problems of country and design some tools to help industries in developing improved methodologies for the production and quality of products.

The teaching faculty comprises the following:

Channa, Naseem, Professor **and Director**
M.Sc. 1993 (S.U.), Ph. D 2006 (S.U.)

Shah, Afsheen, Professor
M.Sc. 2001(S.U.), Ph.D. 2012 (S.U.)

Ansari, Ibtessam Tahir, Associate Professor
M.Sc. 2003, Ph.D. (S.U.)

Memon, Farah Naz, Assistant Professor
M.Sc. 1997 (S.U.)

Mangi, Autif Hussain, Assistant Professor
BS 2006 (S. U), Ph.D. 2020 (China)

Kazi, Mehar Ali, Assistant Professor
BS 2006, MS 2014 (M.U.E.T)

Ghanghro, Abdul Waheed, Assistant Professor
BS 2007 (S. U), M.Phil. 2017 (S.U.)

Khanzada, Beenish Nadeem, Assistant Professor (On Study Leave)
BS 2007 (S. U), M.Phil. (QAU)

Channa, Mehwish, Assistant Professor
BS 2009 (S.U.), Ph.D. 2016 (S.U.)

Mian, Mansoor Ali Afsar, Lecturer
M.Sc.

Arijo, Muhammad Acher, Lecturer (On Study Leave)
BS 2007 (S.U.)

BS (BIOCHEMISTRY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. With Pre-Medical Group: Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 300	English-I	3	ENG 301	English-II	3
PKST 300	Pakistan Studies	2	ISST/ETHS 301	Islamic Studies	2
MATH 300	Mathematics	3	MATH 301	Statistics	3
BIOC 310-311	Introductory Biochemistry	3+1	BIOC 312-313	Cell Biology	3+1
CHEM 320-321	Organic Chemistry Minor (Compulsory)	2+1	CHEM322-323	In organic Chemistry Minor (Compulsory)	2+1
MBIO/GENT/ PHSL 320-321	Microbiology-I/Genetics-I/ Physiology-I Minor (Supporting)	2+1	MBIO/ GENT 322-323	Microbiology-II/ Genetics-II/Physiology-II Minor (Supporting)	2+1

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENG 400	English-III	3	ENG 401	English-IV	3
CIVZ 400	Civilization-III	2	ENVS 401	Environmental Science	2
STAT 400-401	Introduction to Computer Skills & Bio-Statistics-I	2+1	STAT 401-402	Introduction to Computer Skills & Bio-Statistics-II	2+1
BIOC410- 411	Carbohydrates	3+1	BIOC 412-413	Lipids	3+1
CHEM 420-421	Physical Chemistry Minor (Compulsory)	2+1	CHEM422-423	Analytical Chemistry Minor (Compulsory)	2+1
SOCI/MRKT/ EDUC 420	Sociology-I/Marketing (Communication)/Science Teaching Methods-I Minor (Supporting)	2	SOCI/MRKT/ EDUC 422	Sociology-II/Marketing-II (Management)/Science Teaching Methods-II Minor (Supporting)	2

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
BIOC 500-501	Amino Acids & Proteins	3+1	BIOC 510	Bioenergetics	2
BIOC 502-503	Molecular Biology	3+1	BIOC 512	Biomembrane & Cell Signaling	3
BIOC 504-505	Enzymology	2+1	BIOC 514	Metabolism	4
BIOC 506-507	Human Physiology	2+1	BIOC 516-517	Plant Biochemistry	2+1
BIOC 508	Bio-Safety & Ethics	2	BIOC 518-519	Biochemical Techniques	1+3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
BIOC 600-601	Nutritional Biochemistry	2+1	BIOC 622	Current Trends in Biochemistry	2
BIOC 602-603	Bioinformatics	1+2	BIOC 624	Immunochemistry	2
BIOC 604-605	Industrial Biochemistry	2+1	BIOC 626	Biotechnology	2
BIOC 606	Research Planning & Report Writing	2	BIOC 628	Proteomics	3
BIOC	Elective – I	3	BIOC	Elective – III	3
BIOC	Elective-II	3	BIOC	Elective–IV (Research Project)	3
			BIOC 644	Comprehensive Viva	2

Elective Courses:

Assignment of the courses will depend upon the current needs and the faculty specialization. The course contents will include the current state of knowledge in the specific field and will be based on review of research publications. The detailed course contents will be laid out by the tutor in consultation with the faculty of the Institute.

Research Project / Internship:

The students, who opt the Research Project/Internship, will undertake practical training in an approved food industry or research organization. He/she will maintain a daily diary duly signed by the industrial/research supervisor and submit a written report. At the end of the internship, the student will be evaluated by a committee on the basis of his/her performance in the industry/research organization, final written report and oral presentation.

LIST OF ELECTIVE COURSES FOR BS PART-IV (SEMESTER-VII)

NOTE: The Students of BS. Part-IV (Semester-VII) have to opt any TWO (02) of the following Elective courses.

ELECTIVE – I

01. BIOC. 608, Clinical Biochemistry

02. BIOC. 610, Food Processing and Preservation

03. BIOC. 612, Neurochemistry

ELECTIVE - II

01. BIOC. 614, Biochemistry of Pesticides

02. BIOC. 616, Industrial Processing of Edible Oils & Sugar

03. BIOC. 618, Phytotherapeutic Agents

04. BIOC. 620, Metabolic Disorders

LIST OF ELECTIVE COURSES FOR BS PART-IV (SEMESTER-VIII)

NOTE: The Students of BS. Part-IV (Semester-VIII) have to opt any TWO (02) of the following Elective courses.

ELECTIVE – III

01. BIOC. 630, Meat Sciences

02. BIOC. 632, Xenobiotics

03. BIOC. 634, Biochemical aspects of Hematology

ELECTIVE – IV

01. BIOC. 636, Research Project / Internship

02. BIOC. 638, Milling Backing and Quality Assurance

03. BIOC. 640, General Virology

04. BIOC. 642, Advanced Enzymology

MASTER OF SCIENCE (M.Sc.) IN BIOCHEMISTRY: 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-68

Pre-requisite: Bachelor degree with Chemistry and any biology subject preferably with Biochemistry with minimum 50% score.

(M.Sc. Prev.)

First Semester		C.H.	Second Semester		C.H.
BIOC 500-501	Biomolecules-I	3+1	BIOC 510	Bioenergetics	2
BIOC 502-503	Biomolecules-II	3+1	BIOC 512-513	Introduction to Computer Skills & Biostatics	3+1
BIOC 504-505	Cell and Molecular Biology	3+1	BIOC 514	Metabolism	4
BIOC 506-507	Human Physiology	2+1	BIOC 516-517	Plant Biochemistry	2+1
BIOC 508	Biosafety & Ethics	2	BIOC 518-519	Biochemical Techniques-I	1+3

(M.Sc. Final).

Third Semester		C.H.	Fourth Semester		C.H.
BIOC 600-601	Nutritional Biochemistry	2+1	BIOC 622	Current Trends in Biochemistry	2
BIOC 602-603	Bioinformstics	1+2			
BIOC 604-605	Industrial Biochemistry	2+1	BIOC 624	Immunochemistry	2
BIOC 606	Research Planning & Report Writing	2	BIOC 626	Biotechnology	2
			BIOC 628	Proteomics	3
BIOC	Elective – I	3	BIOC	Elective – III	3
BIOC	Elective – II	3	BIOC	Elective – IV	3
			BIOC 644	Comprehensive Viva	2

Elective Courses:

Assignment of the courses will depend upon the current needs and the faculty specialization. The course contents will include the current state of knowledge in the specific field and will be based on review of research publications. The detailed course contents will be laid out by the tutor in consultation with the faculty of the Institute.

Research Project / Internship:

The students, who opt the Research Project/Internship, will undertake practical training in an approved food industry or research organization. He/she will maintain a daily diary duly signed by the industrial/research supervisor and submit a written report. At the end of the internship, the student will be evaluated by a committee on the basis of his/her performance in the industry/research organization, final written report and oral presentation.

LIST OF ELECTIVE COURSES FOR M.SC. FINAL (SEMESTER-I)

NOTE: The Students of M.Sc. Final (Semester-I) have to opt any TWO (02) of the following Elective courses.

ELECTIVE – I

01. BIOC. 608, Clinical Biochemistry

02. BIOC. 610, Food Processing and Preservation

03. BIOC. 612, Neurochemistry

ELECTIVE - II

01. BIOC. 614, Biochemistry of Pesticides

02. BIOC. 616, Industrial Processing of Edible Oils & Sugar

03. BIOC. 618, Phytotherapeutic Agents

04. BIOC. 620, Metabolic Disorders

LIST OF ELECTIVE COURSES FOR M.SC. FINAL (SEMESTER-II)

NOTE: The Students of M.Sc. Final (Semester-II) have to opt any TWO (02) of the following Elective courses.

ELECTIVE – III
01. BIOC. 630, Meat Sciences
02. BIOC. 632, Xenobiotics
03. BIOC. 634, Biochemical aspects of Hematology

ELECTIVE – IV
01. BIOC. 636, Research Project / Internship
02. BIOC. 638, Milling Backing and Quality Assurance
03. BIOC. 640, General Virology
04. BIOC. 642, Advanced Enzymology

BS (NUTRITION & FOOD TECHNOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. with Pre-Medical Group: Pre-Entry Test.

FIRST YEAR

First Semester		C.H.
ENG 300	English-I	3
PKST 300	Pakistan Studies	2
MATH 300	Mathematics-I	3
NUFT 310-311	Introduction to Food Science & Technology	2+1
BIOC 320-321	Biochemistry – I	2+1
MBIO/GENT 320-321	Microbiology / Genetics / Health Education	2+1

Second Semester		C.H.
ENG 301	English-II	3
ISST/ETHS 301	Islamic Studies	2
MATH 301	Mathematics-II	3
NUFT312-313	Physical Properties of Food	2+1
BIOC 320-321	Biochemistry – II	2+1
MBIO/GENT 320-321	Microbiology/Genetics/Health Education	2+1

SECOND YEAR

Third Semester		C.H.
ENG 400	English-III	3
CIVZ 400	Civilization	2
STAT 400-401	Introduction to Computer Skills & Bio-Statistics	2+1
NUFT410-411	Food Chemistry	3+1
BIOC 420-421	Biochemistry-III	2+1
SOCI/MRKT/EDUC 420	Sociology/Marketing/Science Teaching Methods	2

Fourth Semester		C.H.
ENG 401	English-IV	3
ENVS401	Environmental Science	2
STAT 402-403	Introduction to Computer Skills & Bio-Statistics	2+1
NUFT412-413	Food Processing & Preservation	3+1
BIOC 422-423	Biochemistry-IV	2+1
SOCI/MRKT/EDU 422	Sociology/Marketing/ Science Teaching Methods	2

THIRD YEAR

Fifth Semester		C.H.
NUFT500-501	Food Enzymology	3+1
NUFT502-503	Food Microbiology	3+1
NUFT 504	Food Toxicology	2
NUFT506-507	Beverage, Confectionary & Snack Foods	2+1
NUFT508-509	Food Analysis & Sensory Evolution	2+1

Sixth Semester		C.H.
NUFT510-511	Meat, Poultry & Fish Processing	3+1
NUFT512-513	Dairy Technology	3+1
NUFT 514	Post-harvest	2
NUFT516-517	Baking Science & Technology	2+1
NUFT518-519	Milling of Cereals & Cereal Technology	2+1

FOURTH YEAR

Seventh Semester		C.H.
NUFT600	Preparation of Research Project & Scientific Writing	3
NUFT602-603	Oil, Fats & Sugar Technology	

NUFT 604	Food Additives	3
NUFT 606	Food Plant Design & Layout	2
NUFT	Elective – I	2+1
NUFT	Elective-II	2+1

Eighth Semester		*C.H.*
NUFT 622	Starch Chemistry & Technology	3
NUFT 624	Food Safety & Factory Laws	3
NUFT 626	Food Packing	2
NUFT 628	Food Quality Assurance Management	2
NUFT	Elective – III	3
NUFT	Elective - IV (Research Project)	3
NUFT 644	Comprehensive Viva	2

Elective Courses:

Assignment of the courses will depend upon the current needs and the faculty specialization. The course contents will include the current state of knowledge in the specific field and will be based on review of research publications. The detailed course contents will be laid out by the tutor in consultation with the faculty of the Institute.

Research Project / Internship:

The students, who opt the Research Project/Internship, will undertake practical training in an approved food industry or research organization. He/she will maintain a daily diary duly signed by the industrial/research supervisor and submit a written report. At the end of the internship, the student will be evaluated by a committee on the basis of his/her performance in the industry/research organization, final written report and oral presentation.

LIST OF ELECTIVE COURSES FOR BS PART-IV (SEMESTER-VII)

NOTE: The Students of BS Part - IV (Semester-VII) have to opt any TWO (02) of the following Elective courses.

ELECTIVE – I

01. NUFT. 608, Recent Advances in Food Science and Technology

02.NUFT. 610, Food Biotechnology

03. NUFT. 612, Principles of Nutritional Therapy

ELECTIVE - II

01.NUFT. 614, Genetically Modified Foods

02.NUFT. 616, Nutrition & Chronic Illness

02. NUFT. 618, -----------------------------

04. NUFT. 620, -----------------------------

LIST OF ELECTIVE COURSES FOR BS PART-IV (SEMESTER-VIII)

NOTE: The Students of BS Part - IV (Semester-VIII) have to opt any TWO (02) of the following Elective courses.

ELECTIVE – III

01.NUFT. 630, Marine Foods

02.NUFT. 632, Natures Pharmacy

03.NUFT. 634, Clinical Skills for Nutritional Therapy

ELECTIVE – IV

01.NUFT. 636, Research Project / Internship

02.NUFT. 638, Food Industrial Waste Management

03. NUFT. 640, Nutrition & Dietetics

04. NUFT. 642, -----------------------------

DIPLOMA IN FOOD ANALYSIS AND FOOD SECURITY: 1 YEAR (2 SEMESTERS) PROGRAMME (25)

The syllabus is made to fulfill these objectives containing theory papers, practical research and project work with laboratory experience.

Pre-requisite: H.S.C, Pre-Medical Group with Second Class.

First Semester		*C.H.*	*Second Semester*		*C.H.*
DFA 300	Introduction to Food Analysis & Food Security	2	DFA 303	Food Safety & Quality control	2
DFA 302	Food Chemistry	2	DFA310	Food Analysis – II	2
DFA 304	Food Analysis-I	2	DFA	Practicals	4
DFA 306	Food Additives	2	DFA 312	Project Work / Internship	3
DFA 305	Practicals	4	DFA 313	Comprehensive Viva	2

INSTITUTE OF BIOTECHNOLOGY & GENETIC ENGINEERING

The Centre for Advanced Studies in Biotechnology was established in January 2002. It was upgraded to Institute in April 2003. It started M.Sc. (Biotech), BS Genetics in 2004 and BS Biotech in 2014. The setting up of a separate Institute of Biotechnology and Genetic Engineering gave a fresh impetus to the development of the multidisciplinary field of modern biotechnology and Genetics. In present days, the boundaries of Biotechnology and Genetics are expanding with fantastic speed and their topic areas are turning into independent fields of specialization. Biotechnology is broadly defined as a fusion between natural sciences (such as biology, biochemistry and genetics) and technological fields. The necessity of Biotechnology was felt years back and in this regard Enzyme and Fermentation Research Laboratory was established in the Institute of Chemistry in 1989. During this period eighteen (18) Ph.D. and twenty (20) M.Phil. degrees were awarded besides completion of sixteen (16) research projects sponsored by National and International funding agencies and one research project is in progress sponsored by HEC. So far more than (350) research articles have been published by the faculty in National and International Journals.

The challenges of 2First Century among other things would require advance and applied research activities to promote and contribute to the scientific, technological and economic development of the country.

The Institute provides research facilities in the areas of Plant Biotechnology, Industrial Biotechnology, Healthcare, Environment Biotechnology and Genetics. The Institute has established International linkage and collaboration with highly reputed research laboratories and institute, e.g., Institute of Biochemistry and Biophysics, University of Tehran, Iran and State Key Laboratory of Bioreactor Engineering, East China University of Science and Technology, Shanghai, China. Institute of organic Chemistry and Biochemistry, University of Bonn and Department of Chemical Engineering, University of Bath, U.K., Shanghai Jiatong University China, Bogor Agriculture University, Indonesia, HEJ Research Institute University of Karachi, Nuclear Institute of Tando Jam and Research and Diagnostic Lab. LUMHS.Jamshoro to overcome its resources constraints.

So far the institute has organised five international symposia on biotechnology and two national training courses on biotechnological techniques.

The main goal of the Institute of Biotechnology and Genetic Engineering is teaching and research especially:

- To train needed scholars and researchers in the field of Biotechnology and Genetic Engineering and provide skilled manpower to the country.
- To promote the Sciences of Biotechnology and Genetics in the country, through organizing symposium, training courses, correspondence, publication of scientific research journal and books and articles.

The Institute is presently offering the following degree Programmes:

- BS in Genetics (8 Semesters)
- BS in Biotechnology (8 Semesters)
- M.Sc. in Biotechnology (4 Semesters)
- M.Phil./MS Biotechnology (4 Semesters)
- M.Phil./MS Genetics (4 Semesters)
- Ph.D in Biotechnology / Genetics

Experienced and competent faculty including visiting faculty with expertise and long experience in the area are presently conducting teaching and research Programmes. Plans are in hand to induct qualified faculty shortly.

The teaching faculty comprises the following:

Naqvi, Syed Habib Ahmed, Professor and **Director**
M.Sc. 1996, Ph.D. (S.U.) 2005, Post Doc. (China) 2008

Muhammad Rafiq, Professor
M.Sc. (BZU) 1999, M. Phi. (PU) 2002, Ph. D (SU) 2012

Qureshi, Abdul Sattar, Associate Professor
M.Sc 2001, M.Phil. (S.U.) 2008, Ph.D. (China) 2015

Bhutto, Muhammad Aqeel, Associate Professor
M.Sc. (S. U) 2002, M.Phil. (S.U.) 2009, Ph.D. (China) 2016

Khushk, Imrana, Associate Professor
M.Sc. (S.U.) 2001, Ph.D. (China) 2016

Ikram-Ul-Haq, Assistant Professor
M.Sc. (UAF) 2000, M.Phil. (NIBGE-UAF) 2002, Ph.D. (SU) 2012

Siddiqui, Komal, Assistant Professor
BS Genetics (S. U) 2009, M.Phil. (NIBGE)

Sajid Ali, Lecturer
BS Genetics (S.U.) 2009

BS (GENETICS): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. Pre-Medical or General Science group with Biology, Pre-Entry Test.

FIRST YEAR

First Semester		C.H.
ENGL 300	English	3
PKST 302	Pakistan Studies	2
MATH 304	Mathematics	3
GENT 310-311	Cell Biology	3+1
350-351	Minor-I, Theory & Practical	2+1
352-353	Minor-II, Theory & Practical	2+1
PHSL/MICR/BIOC/ BOTN/ ZOOL/FWBF 320-321	Physiology/Microbiology/Biochemistry/Botany/Zoology/ Fresh Water Biology & Fisheries	2+1

Second Semester		C.H.
ENGL 301	English	3
ISST 302	Islamic Studies	2
MATH 306	Mathematics	3
GENT 312-313	Fundamentals of Genetics	3+1
356-357	Minor-I, Theory & Practical	2+1
358-359	Minor-II, Theory & Practical	2+1
PHSL/MICR/BIOC/BOTN/ ZOOL/FWBF 322-323	Physiology/Microbiology/Biochemistry/Botany/Zoology/ Fresh Water Biology & Fisheries	2+1

SECOND YEAR

First Semester		C.H.
ENGL 400	English	3
CIVZ 400	Civilization	2
GENT 410-411	Molecular Genetics	3+1
450-451	Minor-I, Theory & Practical	2+1
452-453	Minor-II, Theory & Practical	2+1
PHSL/MICR/BIOC/BOTN/ ZOOL/FWBF 420-421	Physiology/Microbiology/Biochemistry/Botany/Zoology/ Fresh Water Biology & Fisheries	2+1

SecondSemester		C.H.
ENGL 401	English	3
ENVS 401	Environmental Sciences	2
GENT 412-413	Principles of Breeding	3+1
456-457	Minor-I, Theory & Practical	2+1
458-459	Minor-II, Theory & Practical	2+1
PHSL/MICR/BIOC/BOTN/ ZOOL/FWBF 422-423	Physiology/Microbiology/Biochemistry/Botany/Zoology/ Fresh Water Biology & Fisheries	2+1

THIRD YEAR

First Semester		C.H.
GENT 500-501	Fundamentals of Biotechnology	3+1
GENT 502-503	Cytogenetics	2+1
GENT 504-505	Biochemistry-I	3+1
GENT 506-507	Microbial Genetics	2+1
GENT 508-509	Computer Applications in Genetics	2+1

Second Semester		C.H.
GENT 510-511	Fermentation Biotechnology	3+1
GENT 512-513	Biochemistry-II	3+1
GENT 514-515	Quantitative & Population Genetics	2+1
GENT 516-517	Evolution and Biodiversity	2+1
GENT 518-519	Human Genetics	2+1

FOURTH YEAR

First Semester		C.H.
GENT 600-601	Genetic Engineering	3+1
GENT 602-603	Tools & Techniques in Genetics	3+1
GENT 604-605	DNA Finger printing & Mol. Diagnostics	2+1
GENT 606-607	Induced Mutagenesis	2+1
GENT 608-609	Enzyme Technology	2+1

Second Semester		C.H.
GENT 610	Developmental and Behavioral Genetics	3
GENT 612	Approaches to Scientific Investigation	3
GENT 614	Advanced Genetics	3
GENT 615	Research Project or optional courses	4
GENT 616	Comprehensive Viva Voce	2

Any two subjects may be selected in lieu of Research Project.

Optional Subjects: -

		C.H.
GENT 618	Germplasm Resources	2
GENT 620	Cell & Tissue Culture	2
GENT 622	Aqua Culture	2
GENT 624	Gene Technology	2
GENT 626	Genomic	2
GENT 628	Bioinformatics	2

BS (BIOTECHNOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. Pre-Medical or General Science group with biology, Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENGL 300	English-I	3	ENGL-301	English-II	3
ISST 300	Islamic Studies/Ethics	2	PKST-301	Pakistan Studies	2
MATH 300	Mathematics-I	3	MATH-301	Mathematics-II	3
BIOT 310	Cell Biology	3	CHEM 322	Chemistry	2
BIOT 311	Cell Biology (Practical)	1	CHEM 323	Chemistry (Practical)	1
CHEM 320	Chemistry	2	BIOT 314	Elements of Biotechnology	3
CHEM 321	Chemistry (Practical)	1	BIOT 315	Elements of Biotechnology (Practical)	1
BIOT 312	Plant Diversity	2			
BIOT 313	Plant Diversity (Practical)	1	BIOT 316	Animal Diversity	2
			BIOT 317	Animal Diversity (Practical)	1

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 400	English-III	3	ENGL 401	English-IV	3
ISST 400	Civilization	2	BIOT 414	Ecosystem & Environment	2
CHEM 420	Chemistry	2	BIOT 415	Ecosystem & Environment (Practical)	1
CHEM 421	Chemistry (Practical)	1			
BIOT 410	Genetics	2	CHEM 422	Chemistry	2
BIOT 411	Genetics (Practical)	1	CHEM 423	Chemistry (Practical)	1
BIOT 412	Pharmaceutical Biotechnology	2	STAT 400	Biostatistics	2
			STAT 401	Biostatistics (Practical)	1
BIOT 414	Basic Microbiology	2	BIOT 416	Molecular Genetics	3
BIOT 415	Basic Microbiology (Practical)	1	BIOT 417	Molecular Genetics (Practical)	1
			BIOT 418	Business Applications in Biotechnology	2

THIRD YEAR

Fifth Semester		C.H.
BIOT 500	Fundamentals of Biotechnology	3
BIOT 501	Fundamentals of Biotechnology (Practical)	1
BIOT 506	Biological Chemistry	3
BIOT 507	Biological Chemistry (Practical)	1
BIOT 520	Marine Biotechnology	2
BIOT 521	Marine Biotechnology (Practical)	1
BIOT 522	Immunology	2
BIOT 523	Immunology (Practical)	1
BIOT 526	Bioinformatics	2
BIOT 527	Bioinformatics (Practical)	1

Sixth Semester		C.H.
BIOT 510	Industrial Biotechnology	3
BIOT 511	Industrial Biotechnology (Practical)	1
BIOT 516	Metabolism	3
BIOT 517	Metabolism (Practical)	1
BIOT 518	Computer Applications in Biotechnology	2
BIOT 519	Computer Applications in Biotechnology (Practical)	1
BIOT 528	Microbial Genetics	2
BIOT 529	Microbial Genetics (Practical)	1
BIOT 530	Proteomics and Genomics	2

FOURTH YEAR

Seventh Semester		C.H.
BIOT 600	Genetic Engineering	3
BIOT 601	Genetic Engineering (Practical)	1
BIOT 602	Tools and Techniques in Biotechnology	3
BIOT 603	Tools and Techniques in Biotechnology (Practical)	1
BIOT 604	Agriculture and Food Biotechnology	2
BIOT 605	Agriculture and Food Biotechnology (Practical)	1
BIOT 606	Animal Cell and Tissue Culture	2
BIOT 607	Animal Cell and Tissue Culture (Practical)	1
BIOT 608	Protein and Enzyme Technology	2
BIOT 609	Protein and Enzyme Technology (Practical)	1

Eights Semester		C.H.
BIOT 610	Research Methodology	3
BIOT 614	Plant Cell and Tissue Culture	2
BIOT 615	Plant Cell and Tissue Culture (Practical)	1
BIOT 616	Medical Biotechnology	2
BIOT 617	Medical Biotechnology (Practical)	1
BIOT 619	Thesis/ Research Project (Partial) in lieu of 3 Practicals (BIOT-615, 617, 623)	3
BIOT 620	Comprehensive Viva voice	2
BIOT 622	Hydroponics	2
BIOT 623	Hydroponics (Practical)	1
BIOT 624	Biosafety and Bioethics	2

M.Sc. (BIOTECHNOLOGY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: Bachelor degree in Chemistry and any biological science subject, with a minimum of 45% score: Pre-Entry Test.

PREVIOUS

First Semester		C.H.
BIOT 500-501*	Fundamentals of Biotechnology	2+1
BIOT 502-503	Organic & Physical Chemistry	3+1
BIOT 504-505	Cell & Molecular Biology	2+1
BIOT 506-507	Biological Chemistry	3+1
BIOT 508-509	Biostatistics application in Biotechnology	2+1

Second Semester		C.H.
BIOT 510-511	Fermentation Biotechnology	3+1
BIOT 512-513	Basic Microbiology	2+1
BIOT 514-515	Molecular Genetics	2+1
BIOT 516-517	Metabolism	3+1
BIOT 518-519	Computer Applications in Biotechnology	2+1

FINAL

Third Semester		C.H.
BIOT 600-601	Genetic Engineering	3+1
BIOT 602-603	Tools & Techniques in Biotechnology	3+1
BIOT 604-605	Agriculture & Food Biotechnology	2+1
BIOT 606-607	Animal Cell & Tissue Culture	2+1
BIOT 608-609	Enzyme Technology	2+1

Fourth Semester		C.H.
BIOT 610	Research Methodology	3
BIOT 612-613	Biodiversity & Environment Biotechnology	2+1
BIOT 614-615	Plant Cell & Tissue Culture	2+1
BIOT 616-617	Medical Biotechnology	2+1
BIOT 618	Biotechnology Business Application	3
BIOT 619	Research Project in lieu of Practicals & optional subject	3
BIOT 620	Comprehensive Viva Voce	2

* odd numbercourses are labs

DR. M.A. KAZI INSTITUTE OF CHEMISTRY

Department of Chemistry, founded in 1953 has the distinction of being the very first department under the then Faculty of Science established at the Elsa Kazi Campus of the University in Hyderabad. The department was shifted to Allama I.I. Kazi Campus, Jamshoro in 1961. The status of the department was raised to the Institute of Chemistry in 1967. The Institute was named as Dr. M.A. Kazi Institute of Chemistry in 1999 after the name of its founder Chairman& Director (Late) Prof. Dr. Mumtaz Ali Kazi.

The Institute has been offering undergraduate, graduate and doctoral research Programmes in Analytical, Organic, Inorganic and Physical Chemistry. Since its inception the Institute has catered to the human resource requirements of the country in general and the region in particular. The graduates of this Institute are holding key posts in the country as well as abroad.

The Institute has 24 spacious and equipped laboratories with highly qualified faculty. The Institute has to date awarded 53 Ph.D. degrees in addition to a number of M.Phils. since the introduction of doctoral research Programme in 1961.

The Institute also has the distinction of having two of its graduates (i) Late Prof. Dr. Zafar Hassan Zaidi and (ii) Prof. Dr. M.Y. Khuhawar, been admitted to the degree of Doctor **of Science** (D.Sc.) by the University of Leeds and the University of Birmingham, U.K. respectively, for their outstanding contributions towards research in their fields of specialization.

The Institute presently offers 4-year, BS Chemistry, 2-year M.Sc. (Pass) Programmes both in the Morning as well as Evening, besides MS/ M.Phil. and Ph.D. Programmes.

The teaching faculty comprises the following:

Rind, Mahboob Ali, Professor and **Director**
M.Sc. (S.U.) First Class First Position 1988, Ph.D. (S.U.) 2004

Mastoi, Ghulam Murtaza, Professor
M.Sc. (S.U.) 1991, Ph.D. (S.U.) 2003

Mallah, Arfana Begum, Professor
M.Sc. (QUI) 1998, M.Phil. (SU) 2002, Ph.D. 2012

Moghal, Moina Akhtar, Professor
M.Sc. (S. U) 1995, M.Phil. (S.U.) 2003, Ph.D. (S.U.) 2013

Memon, Saima Qayoom, Professor
M.Sc. (S.U.) 2000, Ph.D. (S.U.) 2005

Syed Ambreen Shah, Professor
M.Sc. (S.U.) 2001, Ph.D. (S.U.) 2012

Laghari, Abdul Jabbar, Associate Professor
M.Sc. (S.U.) 1993, M.Ed. 2001, Ph.D. (S.U.) 2012

Memon, Ghulam Zuhra, Associate Professor
M.Sc. (S.U.) 2003, Ph.D. (S.U.) 2009

Pathan, Humera Khan, Associate Professor
M.Sc. (S.U.) 2002, Ph.D. (S.U.) 2008

Memon, Nusrat Naeem, Associate Professor
M.Sc. (SALUniversity, Khairpur) 2001, Ph.D. 2011

Ibupoto, Zaffar Hussain, Associate Professor
M.Sc. (SALUniversity, Khairpur)) 2001, Ph.D. (Linkoping University, Sweden) 2014

Hulio, Ahmed Ali, Associate Professor
M.Sc. (S.U.) 2000 (Gold Medal)

Panhwar, Qadeer Khan, Associate Professor
M.Sc. (S.U.) 2004 (Registered for Ph.D.)

Samejo, Muhammad Qasim, Associate Professor
M.Sc. (S.U.) 2004, Ph.D. (S.U.) 2013

Memon, Jameel-Ul-Rehman, Associate Professor
M.Sc. (S.U.) 2003, Ph.D. (S.U.) 2009

Solangi, Imam Bux, Associate Professor
Ph.D. (S.U.) 2011

Kandhro, Aftab Ahmed, Associate Professor
Ph.D. (S.U.) 2011

Qureshi, Muhammad Shafique, Assistant Professor
M.Sc. (S.U.) 1990

Bhutto, Aijaz Ahmed, Assistant Professor
BS-IV (S. U) 2006, M.Phil. leading to Ph.D. (S.U.) 2009

Shaikh, Saba Naz, Assistant Professor
BS-IV (S.U.) 2006, Ph.D. (S.U.) 2015

Shar, Zahid Hussain, Assistant Professor
BS (S. U) 2007, M.Phil. leading to Ph.D. (S.U.) 2009

Siyal, Ali Nawaz, Assistant Professor
M.Sc. (QAU) 2008, Ph.D. (S.U.) 2014

Chang, Abdul Sattar, Assistant Professor
M.Sc. ((S.A.L. University, Khairpur Mir's)) 2007-2008 (Registered for Ph. D)

Mahar, Nasrullah, Assistant Professor
BS (S.A.L. University, Khairpur Mir's) 2010, M.Phil. (S.U.) 2017, (Registered for Ph.D.) 2018

Talpur, Muhammad Younis, Assistant Professor
M.Sc. (H) (S.U.) 2004, Ph.D. (S.U.) 2013

Khuhawar, Muhammad Yar, (Emeritus Professor)
M.Sc. (S.U.) 1971, Ph.D. 1977, D.Sc. (Birmingham) 1998

BS (CHEMISTRY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-144 (MORNING & EVENING)

Pre-requisite: H.S.C. with Pre-Medical or Pre-Engineering Group: Pre-Entry Test.

FIRST YEAR

First Semester		*C.H.*
ENGL-300	English-I	3
PKST-300	Pakistan Studies	2
MATH-300	Mathematics-I	3
CHEM310-311	Analytical Chemistry	2+1
PHYS320-321	Supporting-I (Compulsory) Paper-I Physics-I	2+1
For Pre-Medical		
ZOOL/BOT/PHSL/	Supporting-II (Optional) Paper-II	
FWBF 320-321	Zoology/Botany/Physiology/Fresh Water Biology & Fisheries	2+1
For Pre-Engineering		
STAT/GEOG/	Supporting-II (Optional) Paper-II	
GEOL 320-321	Statistics/Geography/Geology	2+1

Second Semester		*C.H.*
ENGL 301	English-II	3
ISST/ETHS301	Islamic Studies/Ethics	2
MATH 301	Mathematics-II	3
CHEM312-313	Physical Chemistry	3+1
For Pre-Medical		
ZOOL/BOT/PHSL/	Supporting-II (Optional) Paper-II	
FWBF 322-323	Zoology/Botany/Physiology/Fresh Water Biology & Fisheries	2+1
For Pre-Engineering		
STAT/GEOG/	Supporting-II (Optional) Paper-II	
GEOL 322-323	Statistics/Geography/Geology	2+1

SECOND YEAR

Third Semester		*C.H.*
ENGL 400	English-III	3
MATH 400	Mathematics-III	3
CIVIZ 400	Civilization	2
CHEM410-411	Inorganic Chemistry	3+1
PHYS420-421	Supporting-I (Compulsory) Paper-III Physics-III	2+1
For Pre-Medical		
ZOOL/BOT/PHSL/	Supporting-II (Optional) Paper-III	
FWBF 420-421	Zoology/Botany/Physiology/Fresh Water Biology & Fisheries	2+1
For Pre-Engineering		
STAT/GEOG/	Supporting-II (Optional) Paper-III	
GEOL 420-421	Statistics/Geography/Geology	2+1

Fourth Semester		*C.H.*
ENGL 401	English-IV	3
ENV 401	Environmental Sciences	2
MATH 401	Mathematics-IV	3
COMP 401	Computing in Chemistry	NC
CHEM412-413	Organic Chemistry	3+1
PHYS 422-423	Supporting-I (Compulsory) Paper-IV Physics-IV	2+1

For Pre-Medical

ZOOL/BOT/PHSL/ FWBF 422-423	Supporting-II (Optional) Paper-IV Zoology/Botany/Physiology/Fresh Water Biology & Fisheries	2+1

For Pre-Engineering

STAT/GEOG/ GEOL 422-423	Supporting-II (Optional) Paper-IV Statistics/Geography/Geology	2+1

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
CHEM 500-501	Inorganic Chemistry	3+1	CHEM 510-511	Inorganic Chemistry	3+1
CHEM 502-503	Organic Chemistry	3+1	CHEM 512-513	Organic Chemistry	3+1
CHEM 504-505	Physical Chemistry	3+1	CHEM 514-515	Physical Chemistry	3+1
CHEM 506-507	Analytical Chemistry	3+1	CHEM 516-517	Analytical Chemistry	3+1
CHEM 508	Chemistry in Industry	2	CHEM 518	Chemistry in Industry	2

FOURTH YEAR
Choose any one of the field "A" to "D" for specialization during Seventh & Eighth Semester

A. ANALYTICAL CHEMISTRY

Seventh Semester		C.H.	Eighth Semester		C.H.
CHEM 600	Spectroscopic Methods	4	CHEM 606	Hyphenated Techniques	4
CHEM 602	Electrochemical Methods	4	CHEM 608	Advanced Chromatography	4
CHEM 604	Nuclear Techniques	4	CHEM 610	Atomic Emission Spectroscopy	4
CHEM 605	Advanced Practical	4	CHEM 611	Advanced Practical/ Project	4
			CHEM 612	Comprehensive Examination	4

B. INORGANIC CHEMISTRY

Seventh Semester		C.H.	Eighth Semester		C.H.
CHEM 620	Instrumental Methods of Analysis	4	CHEM 626	Organometallic Chemistry	4
CHEM 622	Reaction Mechanism & Bonding Anomalies	4	CHEM 628	Magnetochemistry	4
CHEM 624	Application of Inorganic Compounds OR Bio-Inorganic Chemistry	4	CHEM 630	Nuclear Chemistry	4
			CHEM 631	Advanced Practical/ Project	4
			CHEM 632	Comprehensive Examination	4
CHEM 625	Advanced Practical	4			

C. ORGANIC CHEMISTRY

Seventh Semester		C.H.	Eighth Semester		C.H.
CHEM 640	Reaction Mechanism	4	CHEM 646	Natural Products Chemistry	4
CHEM 642	Molecular Rearrangements	4	CHEM 648	Lipids, Proteins & Synthetic Drugs	4
CHEM 644	Spectroscopy	4	CHEM 650	Application of Organic Chemistry	4
CHEM 645	Advanced Practical	4	CHEM 651	Advanced Practical/ Project	4
			CHEM 652	Comprehensive Examination	4

D. PHYSICAL CHEMISTRY

Seventh Semester		C.H.	Eighth Semester		C.H.
CHEM 660	Polymer Chemistry	4	CHEM 666	Radiation Chemistry	4
CHEM 662	Spectroscopy	4	CHEM 668	Surface Chemistry	4
CHEM 664	Thermodynamics & Electrochemistry	4	CHEM 670	Chemical Kinetics	4
			CHEM 671	Advanced Practical/ Project	4
CHEM 665	Advanced Practical	4	CHEM 672	Comprehensive Examination	4

* Odd number courses are Labs.

M.Sc. (CHEMISTRY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-72

This Programme is open to students who have obtained 2- year B.Sc. (Pass) degree with Chemistry and Mathematics. Candidates who posses B.Sc. (Pass) degree without obtaining one of optional subject of Chemistry are not eligible for admission. The courses during the first 2 semesters outlined here are general advanced level courses. The final two semesters provide opportunity for specialization in any of the fields i.e. Analytical, Inorganic, Organic or Physical Chemistry.

Pre-Requisite: B.Sc. (Pass) degree with optional as above; Pre-Entry Test.

Note: Letter "P" indicate M.Sc. (Pass) course numbers. Chemistry requirements for First & Second semester (CH 36).

PREVIOUS

First Semester		C.H.	Second Semester		C.H.
CHEM 500P-501P	Inorganic Chemistry	3+1	CHEM 510P-511P	Inorganic Chemistry	3+1
CHEM 502P-503P	Organic Chemistry	3+1	CHEM 512P-513P	Organic Chemistry	3+1
CHEM 504P-505P	Physical Chemistry	3+1	CHEM 514P-515P	Physical Chemistry	3+1
CHEM 506P-507P	Analytical Chemistry	3+1	CHEM 516P-517P	Analytical Chemistry	3+1
CHEM 508P	Chemistry in Industry	2	CHEM 518P	Chemistry in Industry	2

FINAL

Chemistry requirements for Third & Fourth semester (CH 36): Select any one of the fields "A" to "D" for specialization.

A. ANALYTICAL CHEMISTRY

Third Semester		C.H.	Fourth Semester		C.H.
CHEM 600P	Spectroscopic Methods	4	CHEM 606P	Hyphenated Techniques	4
CHEM 602P	Electrochemical Methods	4	CHEM 608P	Advanced Chromatography	4
CHEM 604P	Nuclear Techniques	4	CHEM 610P	Atomic Emission Spectroscopy	4
CHEM 605P	Advanced Practical	4	CHEM 611P	Advanced Practical/ Project	4
			CHEM 612P	Comprehensive Examination	4

B. INORGANIC CHEMISTRY

Third Semester		C.H.	Fourth Semester		C.H.
CHEM 620P	Instrumental Methods of Analysis	4	CHEM 626P	Organometallic Chemistry	4
CHEM 622P	Reaction Mechanism & Bonding Anomalies	4	CHEM 628P	Magnetochemistry	4
			CHEM 630P	Nuclear Chemistry	4
CHEM 624P	Application of Inorganic Compounds OR Bio-Inorganic Chemistry	4	CHEM 631P	Advanced Practical/ Project	4
			CHEM 632P	Comprehensive Examination	4
CHEM 625P	Advanced Practical	4			

C. ORGANIC CHEMISTRY

Third Semester		C.H.	Fourth Semester		C.H.
CHEM 640P	Reaction Mechanism	4	CHEM 646P	Natural Products Chemistry	4
CHEM 642P	Molecular Rearrangements	4	CHEM 648P	Lipids, Proteins & Synthetic Drugs	4
CHEM 644P	Spectroscopy	4			
CHEM 645P	Advanced Practical	4	CHEM 650P	Application of Organic Chemistry	4
			CHEM 651P	Advanced Practical/ Project	4
			CHEM 652P	Comprehensive Examination	4

D. PHYSICAL CHEMISTRY

Third Semester		C.H.	Fourth Semester		C.H.
CHEM 660P	Polymer Chemistry	4	CHEM 666P	Radiation Chemistry	4
CHEM 662P	Spectroscopy	4	CHEM 668P	Surface Chemistry	4
CHEM 664P	Thermodynamics & Electrochemistry	4	CHEM 670P	Chemical Kinetics	4
			CHEM 671P	Advanced Practical/ Project	4
CHEM 665P	Advanced Practical	4	CHEM 672P	Comprehensive Examination	4

* Odd number courses are Labs.

INSTITUTE OF MATHEMATICS & COMPUTER SCIENCE

The Institute of Mathematics and Computer Science (IMCS) was established in 1986 by upgrading the Department of Mathematics, which was founded in 1953. At present its major components are Mathematics and Computer Science. The Institute developed its research Programmes for M.Phil./MS and Ph.D. (Mathematics) in 1991 and has been enrolling students since then. While M.Phil./MS Programme (Computer Science) started in 2003 and Ph.D. (Computer Science) in 2015. The Institute has also started M.Phil./MS (BioInformatics) in 2013. IMCS offers 4-Year (8-Semesters) Bachelor Programmes in Mathematics and Computer Science namely BS (Mathematics) and BS (Computer Science) as well as 2-Year (4-Semesters) Master Programmes in Mathematics and Computer Science. The 2-Year Programmes including M.Sc. (Mathematics), M.Sc. (Computer Science), and Master of Computer Science (MCS). IMCS also offers 4-Year (8-Semester) BS (Computer Science) in the Evening Shift. To further develop the understanding of Computer Science awareness amongst academic and administrative staff, students, and masses, IMCS offers M.Sc. (Computer Science) and Post Graduate Diploma Programmes.The Institute is committed to prepare and inculcate the students with strong theoretical and practical knowledge of mathematics and computing fundamentals so that they can apply the knowledge to identify, formulate, and solve complex computing and mathematical problems by adapting and applying appropriate techniques and state-of-the-art computing tools. The curricula of computer science conform to HEC computing curriculum 2017. IMCS strictly complies with guidelines provided by National Computing Education Accreditation Council, an accreditation authority established by Higher Education Commission of Pakistan. IMCS provides conducive environment for effective teaching and learning. The Institute has spacious classrooms equipped with multimedia facilities, laboratories with modern computers connected with high speed Internet, Seminar library is replete with adequate number of computing and mathematics related books. Teachers and students have also access to digital libraries with ample books, journals, and magazines.

The teaching faculty comprises the following:

Shaikh, Abdul Wasim, **Professor and Director**
M.Sc. (S.U.) 1990, Ph.D. (P.R. China) 2006

Keerio, Ayaz, Professor
M.Sc. (S.U.) 1998, Ph.D. (Sussex, UK) 2011

Maree, Baloch Mujeeb-U-Rehman, Professor
M.Sc. (S.U.) 1988, Ph.D. (P.R. China) 2006

Khuhro, Zainul Abdin, Professor
M.Sc. (S.U.) 1998, Ph.D. (Essex, UK) 2011

Memon, Farhat Naureen, Professor (On Lien)
M.Sc. (S.U.) 1999, Ph.D. (Essex, UK) 2012

Nizamani, Qurat-Ul-Ain, Professor (On Lien)
M.Sc. (S.U.) 2000, Ph.D. (Leicester, UK) 2012

Korejo, Imtiaz Ali, Professor
M.Sc. (S.U.) 2000, Ph.D. (Leicester, UK) 2012

Nizamani, Hyder Ali, Professor (On Lien)
M.Sc. (S. U) 2000, M.Phil. (SZABIST) 2006, Ph.D. (Leicester, UK) 2012

Malkani, Yasir Arfat, Associate Professor
M.Sc. (S.U.) 2002, Ph.D. (Sussex, UK) 2011

Chandio, Fida Hussain, Associate Professor
M.Sc. (SU) 2001, Ph.D. (Brunel, UK) 2012, Postdoc (IIUM, Malaysia) 2015

Rajpar, Noor Jehan, Associate Professor (On Lien)
M.Sc. (S.U.) 2001, Ph.D. (Leicester, UK) 2012

Kalhoro, Zubair Ahmed, Associate Professor
M.Sc. (S.U.) 2005, Ph.D. (Xiamen, China) 2016

Chandio, Aftab Ahmed, Associate Professor
BS (CS) (S.U.) 2006, Ph.D. (CAS, P.R. China) 2016

Soomro, Abdul Karim, Assistant Professor
M.Sc. (S.U.) 1987

Memon, Fiaz Ahmed, Assistant Professor
M.Sc. (S.U.) 1992

Hussaini, Nazish Nawaz, Assistant Professor
M.Sc. (SU) 1996, M.Phil. (S.U.) 2008, Ph.D. (Isra University) 2017

Mallah, Muhammad Rafique, Assistant Professor
M.Sc. (S.U.) 2001

Memon, Kashif, Assistant Professor
BS (Mathematics) (S. U) 2006, M.Phil. (Mathematics) (S.U.) 2015

Laghari, Gulsher, Assistant Professor
BSIT (S. U) 2005, M.Phil. (IT) (S.U.) 2014, Ph.D. (Belgium) 2018

Unar, Kulsoom Saima, Assistant Professor (On Lien)
BS (CS) (S. U) 2007, M.Phil. (Computer Science) (S.U.) 2016

Naqvi, Hira Fatima, Assistant Professor
BS (CS) (S.U.) 2009, Ph.D. (S.U.) 2018

Chandio, Shahmurad, Assistant Professor
BS IT. (S.U.) 2005, Ph.D. (IT) Malaysia 2019

Channa, Najma Nawaz, Assistant Professor
BCS (S.U.) 2005, Ph.D. (IT) Malaysia 2019

Dero, Sumera, Assistant Professor
M.Sc. Mathematics (SU), M.Phil. (SU), Ph.D. (Malaysia)

Buledi, Asadullah, Assistant Professor (Adhoc)
BS (S.U.) 2007, Ph.D. (S.U.) 2019

Brohi, Kamran, Lecturer
M.Sc. (S.U.) 2001

Nangraj, Abdul Rehman, Lecturer
BCS (S.U.) 2005

Soomro, Asia, Lecturer
BSIT (S.U.) 2009, M.Phil. (S.U.) 2019

Qureshi, Zohaib Ali, Lecturer
BS (Mathematics) (S. U) 2009, M.Phil. (MUET) 2018

Bhatti, Aijaz Ahmed, Lecturer
M.Sc. (Mathematics) (S.U.) 2013, M.Phil. (S.U.) 2019

04 Teaching Assistants in Mathematics

03 Teaching Assistants in Computer Science

02 Teaching Assistants in English

BS (MATHEMATICS): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136
Pre-requisite: H.S.C. Pre-Engineering/General Science group with Mathematics / Arts Group with Mathematics as elective subject; Pre-Entry Test.

FIRST YEAR

First Semester		*C.H.*
ENGL 300	English I	3
ISST/ETHS 300	Islamic Studies/Ethics	2
ENVS/PHSL/FACC 300	Environmental Sciences/Physiology/Organizational Behavior/ Financial Accounting	2+1
MATH 310	Mathematics-I	3
MATH 320	Applied Mathematics-I	3
PHYS/CHEM/GEOG/ GEOL 320-321	Physics/Chemistry/Geography/Geology	2+1

Second Semester		*C.H.*
ENGL 301	English-II	3
PKST 301	Pakistan Studies	2
ENVS/PHSL/FACC 302	Environmental Sciences/Physiology/Organization Behavior / Financial Accounting	3
MATH 321	Mathematics- II	3
MATH 322	Applied Mathematics- II	3
PHYS/CHEM/GEOG/ GEOL 322-323	Physics/Chemistry/Geography/Geology	2+1

SECOND YEAR

Third Semester		*C.H.*
ENGL 400	English-III	3
MATH 410	Mathematics- III	3
MATH 412	Mathematics- IV	3
MATH 420	Applied Mathematics- III	3
PHYS/CHEM/GEOG/ GEOL 420-421	Physics/Chemistry/Geography/Geology	2+1

Fourth Semester		*C.H.*
ENGL 401	English IV	3
MATH 414	Mathematics- V	3

MATH 416	Mathematics- VI	3
MATH 422	Applied Mathematics- IV	3
PHYS/CHEM/ GEOG/GEOL 422-423	Physics/Chemistry/Geography/Geology	2+1

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
MATH 500	Real Analysis- I	3	MATH 506	Real Analysis- II	3
MATH 501	Algebra- I	3	MATH 507	Algebra- II	3
MATH 502	Complex Analysis	3	MATH 508	Measure Theory	3
MATH 503	Analytical Dynamics	3	MATH 510	Algebraic Topology	3
MATH 504	Differential Equation	3	MATH 511	Numerical Analysis- I	3
			MATH 517	Graph Theory	3

FOURTH YEAR

Seventh Semester		C.H.	Eights Semester		C.H.
MATH 600	Functional Analysis	3	MATH 606	Methods of Mathematical Physics	3
MATH 601	Mathematical Statistics & Probability	3	MATH 607	Optimization Techniques	3
MATH 603	Rings & Fields	3	MATH 608	Econometrics	3
MATH 604	Numerical Analysis- II	3	MATH 609	Tensor Analysis	3
MATH 605	Operations Research	3	MATH 610	Integral Equations	3
			MATH 611	Numerical Solution of P.D. E	3
			MATH 612	Comprehensive Viva Voce	2

Note: details of the course contents can be obtained from the office of the IMCS

M.A./M.Sc. (MATHEMATICS): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-68

This Masters Programme provides opportunity to students to acquire specialization in order to meet specific career requirements, specially in teaching. The Programme is particularly significant for students with 2 year B.A./ B.Sc. Pass degree from the affiliated colleges. Where specialized subject experts are generally wanting. The Master's Programme of 4 semester duration for B.A. / B.Sc. (Pass) candidates who join as students of M.Sc. (Previous) has been designed accordingly.

Pre-requisite: B.Sc./ B.A. (Pass) degree with Mathematics as one of the elective subjects, Pre-entry Test.

M.Sc. (PREVIOUS)

First Semester		C.H.	Second Semester		C.H.
MATH 500	Real Analysis-I	3	MATH 506	Real Analysis-II	3
MATH 501	Algebra-I	3	MATH 507	Algebra-II	3
MATH 502	Complex Analysis	3	MATH 508	Measure Theory	3
MATH 503	Analytical Dynamics	3	MATH 510	Numerical Methods	3
MATH 504	Differential Equations	3	MATH 511	Algebraic Topology	3
			MATH 517	Graph Theory	

M.Sc. (FINAL)

Third Semester		C.H.	Fourth Semester		C.H.
MATH 601	Functional Analysis	3	MATH 600	Computer PROGRAMMEming	3
MATH 602	Numerical Analysis	3	MATH 606	Methods of Mathematical Physics	3
MATH 603	Mathematical Statistics & Probability	3	MATH 608	Optimization Techniques	3
MATH 605	Operations Research	3	MATH 610	Econometrics	3
			MATH 612	Tensor Analysis	3
			MATH 613	Integral Equations	3
			MATH 651	Comprehensive Viva Voce	2

Elective Subjects:

01.	Algebra	02.	Research Methodology
03.	Ring Theory	04.	Theory Modules
05.	Homological Algebra	06.	Combinatorics
07.	Graph Theory	08.	Approximation
09.	Automata Theory	10.	Control Theory
11.	Statistical Mechanics	12.	Solid Mechanics
13.	Quantum Mechanics	14.	Astrology
15.	Business Mathematics	16.	Computer Graphics
17.	Computational Fluid Dynamics	18.	Finite Element Methods
19.	Queuing Theory		

COMPUTER SCIENCE PROGRAMMES

BS (COMPUTER SCIENCE): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS)
CH-136 (MORNING & EVENING)

Pre-requisite: The minimum requirements for admission in a Bachelor degree Programme in Computer Science is At least 50% marks in Intermediate (HSSC) examination with Mathematics or equivalent qualification with Mathematics certified by IBCC. Pre-Entry Test

FIRST YEAR

First Semester		*C.H.*
CC-310	Programmesming Fundamentals	3
CC-311	Programmesming Fundamentals (Lab)	1
CSGE-306	English Composition and Comprehension	3
CSGE-304	Introduction to Information and Communication Technologies	2
CSGE-305	Introduction to Information and Communication Technologies (Lab)	1
PKST-300	Pakistan Studies	2
CSMS-380	Calculus and Analytical Geometry	3
CSMS-382	Applied Physics	3

Second Semester		*C.H.*
CSC-330	Digital Logic Design	3
CSC-331	Digital Logic Design (Lab)	1
CC-312	Object Oriented Programmesming	3
CC-313	Object Oriented Programmesming (Lab)	1
CC-314	Discrete Structures	3
CSGE-308	Communication and Presentation Skills	3
ISST-301	Islamic Studies	2
CSUE-390	University Elective – 1	3

SECOND YEAR

Third Semester		*C.H.*
CSC-430	Computer Organization and Assembly Language	3
CSC-431	Computer Organization and Assembly Language (Lab)	1
CC-410	Data Structures and Algorithms	3
CC-411	Data Structures and Algorithms (Lab)	1
CC-412	Software Engineering	3
CSMS-480	Linear Algebra	3
CSUE-490	University Elective – 2	3

Fourth Semester		*C.H.*
CSC-432	Theory of Automata	3
CC-414	Database Systems	3
CC-415	Database Systems (Lab)	1
CSS-450	CS Supporting – 1	3
CSS-452	CS Supporting – 2	3
CSMS-482	Probability and Statistics	3
CSUE-492	University Elective – 3	3

THIRD YEAR

Fifth Semester		*C.H.*
CSC-530	Design and Analysis of Algorithms	3
CSC-532	Compiler Construction	3
CC-510	Computer Networks	3
CC-511	Computer Networks (Lab)	1
CSE-560	CS Elective – 1	3
CSS-550	CS Supporting – 3	3

Sixth Semester		C.H.
CC-512	Operating Systems	3
CC-513	Operating Systems (Lab)	1
CC-514	Information Security	3
CSE-562	CS Elective – 2	3
CSE-564	CS Elective – 3	3
CSGE-504	Technical and Business Writing	3

FOURTH YEAR

Seventh Semester		C.H.
CSC-630	Artificial Intelligence	3
CSC-631	Artificial Intelligence (Lab)	1
CSC-632	Parallel and Distributed Computing	3
CSE-660	CS Elective – 4	3
CSE-662	CS Elective – 5	3
CSGE-604	Professional Practices	3
CC-611	Final Year Project – 1	3

Eighth Semester		C.H.
CC-512	Final Year Project – 2	3
CSE-664	CS Elective – 6	3
CSE-666	CS Elective – 7	3
CSUE-690	University Elective – 4	3

Note: details of the course contents can be obtained from the office of the IMCS

MCS (COMPUTER SCIENCE): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-63

Pre-requisite: The minimum requirements for admission in MCS degree Programmes are at least **50% marks in BSCS (Pass)**/ BCS (Pass).

First Semester		C.H.
CSC-530	Design and Analysis of Algorithms	3
CSC-532	Compiler Construction	3
CC-510	Computer Networks	3
CC-511	Computer Networks (Lab)	1
CSE-560	CS Elective – 1	3
CSS-550	CS Supporting – 3	3

Second Semester		C.H.
CC-512	Operating Systems	3
CC-513	Operating Systems (Lab)	1
CC-514	Information Security	3
CSE-562	CS Elective – 2	3
CSE-564	CS Elective – 3	3
CSGE-504	Technical and Business Writing	3

Third Semester		C.H.
CSC-630	Artificial Intelligence	3
CSC-631	Artificial Intelligence (Lab)	1
CSC-632	Parallel and Distributed Computing	3
CSE-660	CS Elective – 4	3
CSE-662	CS Elective – 5	3
CSGE-604	Professional Practices	3
CC-611	Final Year Project – 1	3

Fourth Semester		C.H.
CC-613	Final Year Project – 2	3
CSE-664	CS Elective – 6	3
CSE-666	CS Elective – 7	3
CSUE-690	University Elective – 4	3

NOTE:

1. The Director may revise/modify list of Electives depending on the market requirement/ advancement in the subject and availability of expert faculty.

2. Details of the course contents can be obtained from the office of the IMCS

M.Sc. (COMPUTER SCIENCE): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-68

Pre-requisite: -

The minimum requirements for admission in M.Sc. Computer Science degree Programmes is at least minimum Second Class in B.Sc. (Pass) Physics or Statistics with Mathematics.
OR
One-year Post Graduate Diploma in Computer science with bachelor degree.
OR
BE (excluding Software/Computer Systems/IT).

First Semester		C.H.
CS-500	Introduction to Information and Communication Technologies	3
CS-501	Introduction to Information and Communication Technologies (Lab)	3
CS-502	Programmesming Fundamentals	3
CS-503	Programmesming Fundamentals (Lab)	3
CS-504	Digital Logic Design	3
CS-505	Digital Logic Design (Lab)	1
CS-506	Discrete Structures	3
CS-508	Numerical Computing	3

Second Semester		C.H.
CS-510	Object Oriented Programmesming	3
CS-511	Object Oriented Programmesming (Lab)	1
CS-512	Theory of Automata	3
CS-514	Data Structures and Algorithms	3
CS-515	Data Structures and Algorithms (Lab)	1
CS-516	Database Systems	3
CS-517	Database Systems (Lab)	1
CS-518	Software Engineering	3

Third Semester		C.H.
CS-600	Computer Organization and Assembly Language	3
CS-601	Computer Organization and Assembly Language (Lab)	1
CS-602	Artificial Intelligence	3
CS-603	Artificial Intelligence (Lab)	1
CS-604	Web Engineering and Technologies	3
CS-606	Computer Networks	3
CS-607	Computer Networks (Lab)	1
CS-611	Final Year Project – 1	3

Fourth Semester		C.H.
CS-612	Mobile Application Development	3
CS-614	Python for Data Science	3
CS-616	Operating Systems	3
CS-617	Operating Systems (Lab)	1
CS-613	Final Year Project – 2	6

Note: details of the course contents can be obtained from the office of the IMCS

INSTITUTE OF MICROBIOLOGY

The Institute of Microbiology was established in 1995-96 to develop indigenous manpower experts in the field of Microbiology and to increase the employability in the field of clinical, industrial, environmental and molecular biology. It offers BS four years Programme, MS / M.Phil. Programme and Ph. D. Programme with the aims to have graduates high knowledge and research abilities and to promote them in private sectors, government organizations in order to develop the manpower with high technology, to organize interdisciplinary discussions, developing research networks and to facilitate the latest technical information pertaining to the emergence of infectious diseases, laboratory bio-safety and the self preventive measures from the hazardous agents.

Microbiology is an exceptionally broad discipline encompassing a number of specialties. This institute has four laboratories for the BS students and two research laboratories for postgraduate Programme. All equipment and facilities are available to students and researchers. Having a huge space, it possesses six class rooms where 120 students in each can be accommodated, one air-conditioned computer laboratory, multimedia rooms a large auditorium and a seminar library and recently two research laboratories are developed from project that funded by Higher Education Commission, Islamabad in 2018. The learning process at the institute comprises a blend of lectures, practical demonstrations, presentations, assignments, group discussions, research projects, study tours, internships in various pathological laboratories, industries etc. Independent studies in the institutional seminar library and the use of computer lab. The efforts have been made by the institute of Microbiology for collaborative research with the co-guidance of various professors and scientists of different universities and research institutions for the MS / M.Phil. and Ph.D. Programme in Microbiology to bridge the gap between the other institutes of region throughout Pakistan in the field of clinical, industrial, molecular biology, genetics and biotechnology.

The teaching faculty comprises the following:

Tunio, Sarfraz Ali, Professor and **Director**
B.Sc. (Hons.), M.Sc. (SU), Ph.D. (UK)

Pathan, Agha Asad Noor, Professor
B.Sc. (Hons.), M.Sc. (SU), M.Phil. (QAU), Ph.D. (SU)

Memon, Shaista Bano, Associate Professor
B.Sc. (Hons.), M.Sc. (SU), Ph.D. (UK)

Patoli, Atif Ahmed, Assistant Professor
B.Sc. (Hons.), M.Sc. (SU), Ph.D. (UK)

Patoli, Bushra Bano, Assistant Professor
B.Sc. (Hons.), M.Sc. (S.U.), Ph.D. (UK)

Farouqui, Munazza Sharif, Assistant Professor (On study leave)
B.Sc. (Hons.), M.Sc. (SU), M.Phil. (QAU)

Brohi, Nazir Ahmed, Assistant Professor
BS (SU), Ph.D. (SU)

Shagufta, Jabeen, Assistant Professor
B.Sc. (Hons.), M.Sc. (SU), M.Phil. (KU), Ph.D. (Malaysia)

Mirjat, Abdul Nabi, Assistant Professor
B.Sc. (Hons.), M.Sc. (SU), Ph.D. (China)

Kumari, Nimerta, Assistant Professor
B.Sc. (Hons.), M.Sc. (SU), Ph.D. (Germany)

Khushik, Faryal Ahmed, Assistant Professor
B.Sc. (Hons.), M.Sc. (SU), Ph.D. ((China)

BS (MICROBIOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite; H.S.C. with Pre-Medical Group: Pre-Entry Test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENGL 300	English-I	3	ENGL 301	English-II	3
PKST 300	Pakistan Studies	2	ISST/ETHS 301	Islamic Studies/Ethics	2
MATH 300	Mathematics-I	3	MATH 301	Mathematics-II	3
MICB310-311	General Microbiology-I	2+1	MICB 312-313	General Microbiology-II	2+1
PHSL320-321	Fundamentals of Physiology-I	2+1	PHSL 322-323	Human Physiology-II	2+1
BIOCHEM 320-321	Biochemistry/ Botany/ Zoology	2+1	BIOCHEM 322- 323	Biochemistry/ Botany/ Zoology	2+1

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 400	English-III	3	ENGL 401	English-IV	3
CIVZ 400	Civilization & Culture	2	ENVS 401	Environmental Sciences	2
MICB 410-411	General Immunology	3+1	MICB 412-413	Microbial Taxonomy	3+1
PHSL 420-421	Human Physiology	2+1	PHSL 422-423	Human Physiology	2+1
BIOCHEM 420-421	Biochemistry/ Botany/ Zoology	2+1	BIOC 422-423	Biochemistry/ Botany/ Zoology	2+1

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
MICB 500-501	Microbial Anatomy & Physiology	3+1	MICB 508-509	General Virology	3+1
MICB 502-503	Bacterial Genetics	3+1	MICB 510-511	Bio-Statistics	3+1
			MICB 512-513	Environmental	3+1
MICB 504-505	Mycology	3+1		Microbiology	
MICB 506-507	Soil Microbiology	3+1	MICB 514-515	Microbial Diagnostic Chemistry	3+1

FOURTH YEAR

Specialization: Candidate are supposed to choose any one of the subjects from the following fields - "A" or "B" during Seventh & Eighth semester.

A. CLINICAL MICROBIOLOGY

Seventh Semester		C.H.	Eighth Semester		C.H.
MICB 600-601	Epidemiology	3+1	MICB 610-611	Immunobiology	3+1
MICB 602-603	Medical Bacteriology	3+1	MICB 612-613	Medical Virology	3+1
MICB 604-605	Dermatology	3+1	MICB 614-615	Antimicrobial Agents	3+1
MICB 606-607	Clinical Hematology & Parasitology	3+1	MICB 616-617	Clinical Bacteriology	3+1
MICB 608-609	Molecular Biology & Genetic Engineering	3+1	MICB 618	Mini Research Project & Viva Voce	4

B. INDUSTRIAL MICROBIOLOGY

Seventh Semester		C.H.	Eighth Semester		C.H.
MICB 620-621	Food and Dairy Microbiology	3+1	MICB 630-631	Fermentation Biotechnology	3+1
MICB 622-623	Pharmaceutical Microbiology	3+1	MICB 632-633	Principles & Applications of Biotechnology	3+1
MICB 624-625	Cell and Molecular Biology	3+1	MICB 634-635	Cell & Tissue Culture Technology	3+1
MICB 626-627	Microbial Enzyme Technology	3+1	MICB 636-637	Bioinformatics and Protein Structure Function	3+1
MICB 628-629	Introductory Microbial Technology	3+1	MICB 638	Mini Research Project & Viva Voce	4

INSTITUTE OF PHYSICS

Institute of Physics (formerly Department of Physics) is one of the oldest departments (established in 1955) of University of Sindh Jamshoro. It was upgraded and named as Institute of Physics and Technology in 1979. In 1998 Physics and Technology disciplines were separated and given independent status as Department of Physics and Institute of Information Technology. Department of Physics was again upgraded to the present status of **Institute of Physics** in 2005.

Institute of Physics offers BS (four year) and M.Sc. (Two Year) degree Programmes in Physics. In addition, it offers MS/M.Phil. and Ph.D. degree Programmes in the following areas:

Recently, 18-CH course for Ph.D. degree Programme has been introduced as per criteria approved by the HEC, which provides an excellent forum for students to develop and enhance their specialist and other more general theoretical and research skills. The Institute of Physics welcomes post-graduate applications from prospective students in this Programme. Successful applicants after completing 18 CH course can pursue their research as full-time students leading to Ph.D.

The teaching faculty comprises the following:

Kalhoro, Muhammad Siddique, **Meritorious Professor/ Vice-Chancellor**
M.Sc. (S.U.), Ph.D. (London), 1999

Shaikh, Nek Muhammad, Professor & **Director**
M.Sc. 1993, Ph.D. 2007 (QAU) Islambad

Memon, Irfan Ali, Professor
M.Sc. (QAU), 1993, Ph.D. (London) 2008

Mari, Riaz Hussain, Professor
M.Sc. (SU), 1999, Ph.D. (Nottingham, UK) 2011

Nizamani, Altaf Hussain, Associate Professor
M.Sc. (SU), 1996, Ph.D. (Sussex, UK) 2011

Abbasi, Mazhar Ali, Associate Professor
M.Sc. (SU), 2001 Ph.D. (Sweden), 2014

Khaskheli, Murad Ali, Associate Professor
M.Sc. (SU), 1999, Ph.D. (China) 2015

Shah, Syed Gul Sher, Assistant Professor
M.Sc. (S.U.) 1987

Soomro, Muhammad Yousuf, Assistant Professor
M.Sc. (SU), 2003, Ph.D. (Sweden), 2014

Halepoto, Imran Ali, Assistant Professor
BS (SU) 2006, Ph.D. (S.U) 2019

Bhutto, Waseem Ahmed, Assistant Professor
M.Sc. (SU), 2004, Ph.D. (China) 2015

Soomro, Abdul Majid, Assistant Professor
M.Sc. (SU), 2005, Ph. D (China) 2016

Lohat, Ishfaque Ahmed, Lecturer
BS (SALU) 2009, MS (NED Karachi) 2016

Kalhoro, Asma, Lecturer
BS (SU) 2013

BS (PHYSICS): 4 YEARS DEGREE PROGRAMME 8 SEMESTERS CH-136

Pre-requisite: H.S.C. Pre-Engineering/General Science Group with Maths & Physics, and Pre- Entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENGL 300	English-I	3	ENGL 301	English-II	3
PKST 300	Pakistan Studies	2	ISST/ETHS 301	Islamic Studies/Ethics	2
MATH 300	Mathematics-I	3	MATH 301	Mathematics-II	3
	(Compulsory)		PHYS 312-313	Mechanics-II &	3+1

PHYS 310-311	Mechanics-I, Waves & Optics	3+1		Thermodynamics		
MATH 320	Applied Mathematics-I) (Optional	3	MATH 322	Applied Mathematics-II	3	
STAT 320-321	Statistics-I (Optional)	2+1	STAT 322+323	Statistics-II	2+1	
CHEM/GEOL 320-321	Chemistry/Geology (Optional)	2+1	CHEM/GEOL 322-323	Chemistry/Geology	2+1	

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 400	English-III	3	ENGL 401	English-IV	3
CIVZ 400	Civilization	2	ENVS 401	Environmental Science	2
PHYS 410-411	Electricity & Magnetism-I Modern Physics-I	3+	PHYS 412-413	Electricity & Magnetism-II Modern Physics-II	3+1
MATH 420	Applied Mathematics-III	3	MATH 422	Applied Mathematics-IV	3
STAT 420-421	Statistics-III	2+1	STAT 422-423	Statistics-IV	2+1
CHEM/GEOL420	Chemistry/ Geology	2	CHEM/GEOL 422	Chemistry/Geology	2

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
PHYS 500	Methods of Mathematical Physics-I	3	PHYS 508	Methods of Mathematical Physics-II	3
PHYS 501	Modern Physics Lab-I	2	PHYS 509	Modern Physics Lab-II	1
PHYS 502	Classical Mechanics	3	PHYS 510	Thermal & Statistical Physics	3
PHYS 503	Spectroscopy Lab	1	PHYS 511	Statistical Physics Lab	1
PHYS 504	Electrodynamics-I	3			

PHYS 505	Computer Programmeming Lab	1	PHYS 512	Electrodynamics-II	3
PHYS 506-507	Electronics	3+1	PHYS 513	Computer Programmeming Lab	1
			PHYS 514-515	Digital Electronics	3+1

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
PHYS 600-601	Solid State Physics-I	3+1	PHYS 608	Solid State Physics-II	3
PHYS 602-603	Atomic & Molecular Physics	3+1	PHYS 609	Lasers and X-Rays Lab	1
PHYS 604-605	Computational Physics/ Medical Physics–I	3+1	PHYS 610-611	Nuclear Physics	3+1
PHYS 606	Quantum Mechanics-I	3	PHYS 612	Quantum Mechanics-II	3
PHYS 607	Detector Development Lab	1	PHYS 613	Computer Programmeming Lab	1
			PHYS 614	Condensed Matter & Materials Physics/Health Physics/ParticlePhysics/ Plasma Physics	3
			PHYS 614	Medical Physics–II	3
			PHYS 615	Health Physics Lab / Medical Physics Lab	1
			PHYS 620	Comprehensive Viva Voce	2

Note:1 *PHYS: 614* is compulsory only for PHYS: 604* and not allowed to opt PHYS: 614, others may opt any one of PHYS: 614.*

M.Sc. (PHYSICS): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: H.S.C. Pre-Engineering, 2-years B.Sc. (Pass) with Physics, Mathematics (PURE) & Chemistry / Statistics as optional subjects; Pre- Entry Test.

PREVIOUS

First Semester		C.H.	Second Semester		C.H.
PHYS 500	Methods of Mathematical Physics-I	3	PHYS 508	Methods of Mathematical Physics-II	3
PHYS 501	Modern Physics Lab-I	1	PHYS 509	Modern Physics Lab-II	1
PHYS 502	Classical Mechanics	3	PHYS 510	Thermal & Statistical Physics	3
PHYS 503	Spectroscopy Lab	1	PHYS 511	Statistical Physics Lab	1
PHYS 504	Electrodynamics-II	3	PHYS 512	Electrodynamics II	3
PHYS 505	Computer Programmeming Lab	1	PHYS 513	Computer Programmeming Lab	1
PHYS 506	Electronics	3	PHYS 514	Digital Electronics	3
PHYS 507	Electronics Lab	1	PHYS 515	Digital Electronics Lab	1

FINAL

Third Semester		C.H.	Fourth Semester		C.H.
PHYS 600	Solid State Physics-I	3	PHYS 608	Solid State Physics-II	3
PHYS 601	Solid State Physics Lab	1	PHYS 609	Lasers and X-Rays Lab	1
PHYS 602	Atomic & Molecular Physics	3	PHYS 610	Nuclear Physics	3
			PHYS 611	Nuclear Physics Lab	1
PHYS 603	Atomic & Molecular Physics Lab	1	PHYS 612	Quantum Mechanics II	3
			PHYS 613	Computer Programmeming	1

PHYS 604	Computational Physics / Medical Physics-I	3		Lab	
			PHYS 614	Condensed Matter & Materials Physics / Health Physics/ High Energy Physics / Plasma Physics	3
PHYS 605	Computational Physics Lab / Medical Physics Lab	1			
PHYS 606	Quantum Mechanics-I	3			
PHYS 607	Detector Development Lab	1	PHYS 614*	Medical Physics-II	3
			PHYS 615	Health Physics Lab / Medical Physics Lab	1
			PHYS 620	Comprehensive Viva Voce	2

Note: 1. *PHY:614* is compulsory only for PHY:604* and not allowed to opt PHY: 614; others may opt any one of PHY: 614.*
2. *Courses bearing even and odd numbers are of theory and practical respectively*

INSTITUTE OF PLANT SCIENCES

University of Sindh is the Second Oldest University of Pakistan. Botany and Mathematics were the first science subjects in which the postgraduate teaching was started in the University of Sindh in 1954. The Institute has well equipped Laboratories, Herbarium, and Botanical Garden.

The institute introduced M.Phil./Ph.D. Programmes in 1965. After Chemistry, Botany is second discipline to award M.Phil. and Ph.D. degrees in the faculty of Natural Sciences. So far many scholars have obtained their M.Phil. and Ph.D. degrees in Botany. More than 300 research articles have been published in the National and International Journals by the faculty members and they have also produced more than 30 Ph.D. and 60 MS/M.Phil. scholars in the field of Botany. The institute is committed to provide advance knowledge about plants to the society and students at large.

The Institute of Plant Sciences offers Programme leading to the Bachelor of Science / Master of Science and Master of Philosophy and the Doctor of Philosophy degrees in a variety of special areas including Plant Taxonomy, Physiology, Phycology, Mycology and Plant Pathology, Genetics, Paleobotany, Ecology and Environmental Studies. 4-year Forestry degree was introduced as Evening Programme from 2010 session, besides Postgraduate Diploma in Medicinal Plants.

Students are urged to take courses which provide a broad background in Botany as well as in the Natural Science in addition to the training in special areas.

The teaching faculty comprises the following:

Qureshi, Sadaf Tabassum, Professor and **Director**
M.Sc. (S.U.), M.Phil. (QAU), Ph.D. (QAU) 2010

Pirzada, Abdul Jabbar, Professor
M.Sc. (SALU), M.Phil. (S.U.) 2003, Ph.D. (S.U.) 2008

Memon, Rabia Asma, Professor
M.Sc. (SALU), Ph.D. (SALU) 2005

Abro, Saeed Akhtar, Associate Professor
M.Sc. (SALU), M.Phil. (SALU) 2005, Ph.D. (S.U.) 2017

Bozdar, Hadi Bux, Associate Professor
M.Sc. (QAU), Ph.D. (QAU) 2011

Panhwar, Mahjabeen, Assistant Professor
M.Sc. (S.U.) 1993, Ph. D (SAU) 2017

Khanzada, Amina Kabir, Assistant Professor
M.Sc. (SALU), Ph.D. (SU) 2011

Soomro, Noor Ul Ain, Assistant Professor
M.Sc. (S.U.) 2004, Ph.D. (SU) 2017

Shah, Nabila, Assistant Professor
M.Sc. (S.U.) 2004, Ph.D. (S.U.) 2018

Mangi, Jamaluddin, Assistant Professor
M.Sc. (S.U.) 2001, Ph.D. (S.U.) 2019

Khanzada, Samina Kabir, Assistant Professor (Adhoc)
M.Sc. (SALU), Ph.D. (S.U.)

Ujjan, Aziz Ahmed, Assistant Professor
M.Sc. (QAU) 2000, Ph.D. (KU) 2011

Korejo, Mai Farzana Bibi, Assistant Professor
M.Sc. (S. U) 1997, M.Phil. (S.U.) 2009, Ph.D. (KU) 2015

Bughio, Farooque Ali, Assistant Professor (Adhoc)
M.Sc. (S.U.) 2007, Ph.D. (S.U.) 2018

Jakhar, Ali Murad, Lecturer (On Study Leave)
M.Sc. (SALU) 1999

Jamali, Abdul Rauf, Lecturer
BS (S.U.) 2010, MS (S.U.) 2017

Lashari, Zubeda, Curator-Cum-Lecturer
M.Sc. (S.U.) 2007

BS (BOTANY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136
Pre-requisite; H.S.C. with Pre-Medical Group: Pre-entry Test

FIRST YEAR

First Semester		*C.H.*
ENGL 300	English-I (Functional English)	3
PKST 300	Pakistan Studies	2
MATH 300	Mathematics	3
BOTN 302-303	Diversity of Plants (Major I)	3+1
ZOOL 320-321	Zoology (Minor I)	2+1
FWBF/PHSL 320-321	Fresh Water Biology & Fisheries (Minor-I Optional)/ Physiology (Minor-I Optional)	2+1

Second Semester		C.H.
ENGL 301	English-II (Communication Skills)	3
ISST/ ETHS 301	IslamicStudies/Ethics	2
ENVS 301	Environmental Science	3
BOTN 304-305	Plant Systematics, Anatomy & Development/Embryology- Major II	3+1
ZOOL 322-323	Zoology (Minor II)	2+1
FWBF/ PHSL 322-323	Fresh Water Biology & Fisheries/ Physiology (Minor-II Optional)	2+1

SECOND YEAR

Third Semester		C.H.
ENGL 400	English-III (Technical report writing and presentation skills)	3
CIVIZ 400	Civilization	2
COMP 400	Introduction to computer	3
BOTN 402-403	Cell Biology, Genetics & Evolution-Major III	2+1
ZOOL 420-421	Zoology (Minor III)	2+1
FWBF/ PHSL 420-421	Fresh Water Biology & Fisheries/ Physiology (Minor-III Optional)	2+1

Fourth Semester		C.H.
BOTN 404-405	Plant Physiology and Ecology-Major IV	2+1
BOTN 406-407	Biodiversity and Conservation- Major V	2+1
BOTN 408-409	Biostatistics	2+1
BOTN 410	Research Methodology	2
ZOOL 422-423	Zoology (Minor IV)	2+1
FWBF/ PHSL 422-423	Fresh Water Biology & Fisheries/ Physiology (Minor IV Optional)	2+1

THIRD YEAR

Fifth Semester		C.H.	*Sixth Semester*		C.H.
BOTN 500-501	Bacteriology & Virology	2+1	BOTN 510-511	Plant Anatomy	2+1
BOTN 502-503	Phycology & Bryology	2+1	BOTN 512-513	Genetics I	2+1
BOTN 504-505	Mycology & Plant Pathology	2+1	BOTN 514-515	Plant Biochemistry-I	2+1
			BOTN 516-517	Plant Ecology-I	2+1
BOTN 506-507	Diversity of Vascular Plants	2+1	BOTN 518-519	Plant Physiology-I	2+1
BOTN 508-509	Plant Systematics	2+1			

FOURTH YEAR

Seventh Semester		C.H.	*Eighth Semester*		C.H.
BOTN 600-601	Molecular Biology	3+1	BOTN 608-609	Plant Physiology-II	2+1
BOTN 602-603	Plant Biochemistry-II	2+1	BOTN 610-611	Genetics-II	2+1
BOTN 604-605	Plant Ecology-II	2+1	BOTN 612-613	Environmental Biology	3+1
BOTN 606-607	Elective (Special-I)	3+1			
BOTN 616	Research Project/ Internship	4	BOTN 614-615	Elective (Special-II)	3+1
			BOTN 617	Comprehensive Viva Voce	3

M.Sc. (BOTANY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-72

Pre-requisite: B.Sc. (Pass) degree with Botany as one of the elective subjects; Pre-Entry Test.

First Semester		C.H.
MBOT 500-501	Biostatistics	2+1
MBOT 502-503	Bacteriology & Virology	2+1
MBOT 504-505	Phycology & Bryology	2+1
MBOT 506-507	Mycology & Plant Pathology	2+1
MBOT 508-509	Diversity of Vascular Plants	2+1
MBOT 510-511	Plant Systematics	2+1
ENGL 540	Remedial English	

Second Semester		C.H.
MBOT 512-513	Plant Anatomy	2+1
MBOT 514-515	Biodiversity & Conservation	2+1
MBOT 516-517	Plant Biochemistry	2+1
MBOT 518-519	Plants Ecology – I	2+1
MBOT 520-521	Plant Physiology	2+1
MBOT 522-523	Research Methodology & Phytotechnology/Kitchen Garden	2+1
ENGL 541	Remedial English	

Third Semester		C.H.
MBOT 600-601	Molecular Biology	2+1
MBOT 602-603	Paleobotany & Palynology	2+1
MBOT 604-605	Plant Ecology - II	2+1
MBOT 606-607	Plant Physiology – I	2+1
MBOT 608-609	Genetics – I	2+1
MBOT 610-611	Environmental Biology	2+1

Fourth Semester		C.H.
MBOT 612-613	Genetics - II	2+1
MBOT 614-615	Special Paper – I*	3+1
MBOT 616-617	Special Paper – II*	3+1
MBOT 618	Research Project	4
MBOT 620	Comprehensive Viva Voce	3

*Special paper will be taught according to the expertise available in the Institute.

BS (FORESTRY): 4 YEARS EVENING DEGREE PROGRAMME (8 SEMESTERS) CH-136
Pre-requisite: H.S.C. With Pre-Medical Group: Pre-entry Test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENGL 300	English-I	3	ENGL 301	English-II	3
PKST 300	Pakistan Studies	2	ISST/ ETHS 300	Islamic Studies/ Ethics	2
MATH 300	Basic Mathematics-I (PM)	3	FRST 302	Forest Economic	3
FRST 310-311	Dendrology	3+1	FRST 320-321	Forest Environment &Ecology	3+1
FRST 312-313	Forest Biodiversity & Conservation	2+1	FRST 322-323	Tree Anatomy	2+1
FRST 314-315	Soil Sciences	2+1	FRST 324-325	Plant Biochemistry	2+1

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 301	English-III	3	ENGL	Communicative English	3
FRST	Geography & World Forestry System	2	FRST	GIS & Remote Sensing	2
			FRST	Environmental Science	3
FRST	Forest Statistics	3	FRST 420-421	Tree Physiology	3+1
FRST 410-411	Genetics & Tree Breeding	3+1	FRST 422-423	Forest Resources of Pakistan	2+1
FRST 412-413	Forest Pathology & Entomology	2+1	FRST 424-425	Wild Life Management	2+1
FRST 414-415	Rangeland Management	2+1			

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
FRST 500-501	Forest Products & Utilization	2+1	FRST 512-513	Tree Breeding & Improvement	2+1
FRST 502-503	Agroforestry	2+1	FRST 514-515	Principles & Practices in Silviculture	2+1
FRST 504-505	Sericulture, Apiculture & Lac Culture	2+1	FRST 516-517	Nursery Management	2+1
FRST 506-507	Forest Medicinal & Aromatic Plants	2+1	FRST 518-519	Saline Forestry	2+1
FRST 508-509	Forest Biotechnology	2+1	FRST 520-521	Tree Seed Technology	2+1
FRST 510-511	Wood Science & Technology	2+1	FRST 522-523	Forest Ethnobotany	2+1

FOURTH YEAR

Seventh Semester		C.H.
FRST 600-601	Forest Protection	2+1
FRST 602-603	Forest & Rangeland Management	2+1
FRST 604-605	Practices in Silviculture	2+1
FRST 606-607	Fertility of Forest Soils & Nutrients Management	2+1
FRST 608-609	Logging & Ergonomics	2+1
FRST 610-611	Forest Surveying & Roads	2+1

Eighth Semester		C.H.
FRST 612-613	Forest Biometrics	2+1
FRST 614-615	Research Techniques in Forestry	2+1
FRST 616-617	Forest Surveying & Landscaping	2+1
FRST 618-619	Forest Management Policy and Legislation	2+1
FRST 620	Research Project	4
FRST 621	Comprehensive Viva Voce	3

PGD IN MEDICINAL PLANTS: 1 YEAR DIPLOMA PROGRAMME (2 SEMESTERS) CH-30

Pre-requisite: B.Sc. (with Botany as an elective subject) BS (Botany), B. Pharm, M.B.B.S. and B.Sc. (Forestry) with minimum 45% aggregate marks.

First Semester		C.H.
DMP 101	Elements of Herbology	3
DMP 102	Ethnomedicinal Studies & Medicinal Plants	2
DMP 103	Raw Material Resources & Collection, Primary Healthcare & Herbs	3
DMP 104	Phytotechnology & Pharmacological Screening of Herbal Drugs	3
DMP 105	Practical Courses on Identification of Medical Plants, Phytochemistry, Processing & Value	3

Second Semester		C.H.
DMP 201	Herbal Raw Material Processing & their Products	3
DMP 202	Quality Control & Phytochemical Method Project Work	3
DMP 203	Project Work	3
DMP 204	Practical Course on Herbal Classical Drug Preparation, Quality Control	3

DEPARTMENT OF ANTHROPOLOGY & ARCHAEOLOGY

Anthropology and Archaeology are the integration of knowledge of the past and present of mankind. Anthropology deals with evaluation of man, societies and cultures, while Archaeology is the study of prehistoric civilizations and societies. While the discipline of Anthropology covers the study of man, Archaeology is concerned with the past life style, culture and civilization of man.

The establishment of this department fulfills a long term desire of scholars and intellectuals to which has now been added the demand of Government and NGOs to produce professionals in order to explore save, and preserve relics and archeological sites which are being destroyed by humans and natural factors. The University of Sindh has, therefore, established the Department of Anthropology and Archaeology to produce trained professionals in Anthropology and Archaeology.

This department is imparting knowledge of both the disciplines from academic session, 2008, by introducing the 8-semester BS 4-year Programme in Anthropology and Archaeology. During the first four semesters, students will study combined core courses and after that they will study major courses in both Anthropology and Archaeology. In the third year, the students will be required to opt for special courses in either Anthropology or Archaeology. The degrees will be accordingly awarded in the respective subject, i.e., BS Anthropology or BS Archaeology.

The teaching faculty comprises the following: -

Shar, Manik Mustafa, Assistant Professor (Archaeology) and **Incharge**
M.Sc. Archaeology (SALU) 2001, M.Phil. (S.U.) 2016

Laghari, Muhammad Hanif, Assistant Professor (Archaeology)
M.Sc. Archaeology (SALU) 1989, M.Phil. (SALU) 2009, Ph. D (SALU) 2018

Channa, Abdul Razaque, Assistant Professor (Anthropology)
M.Sc. Anthropology (QAU) 2004, M.Phil. (QAU) 2007, Ph. D (ANU) 2016

Shah, Syed Muhbat Ali, Assistant Professor (Anthropology)
M.Sc. Anthropology (QAU) 2005, M.Phil. (S.U.) 2016 (Abroad for Ph.D.)

Suneel Kumar, Lecturer (Anthropology)
M.Sc. Anthropology (QAU) 2007, M.Phil. (QAU) 2016 (Abroad for Ph.D.)

Wassan, Muhammad Rafique, Lecturer (Anthropology)
MSc Anthropology (QAU) 2004, (Abroad for Ph.D.)

Jatt, Zahida Rehman, Lecturer (Anthropology)
BS Anthropology (S.U.) 2011, (Abroad for Ph.D.)

Soomro, Umbreen, Lecturer (Anthropology)
M.Sc. Anthropology (QAU) 2012

Syed Ali Taqui Shah, Lecturer (Anthropology)
BS Anthropology (S. U) 2012, M.Phil. (QAU) 2017

Quratulain, Teaching Assistant
BS Archaeology (S. U) 2015

Salman Ahmed, Teaching Assistant
M.Sc. Anthropology (QAU) 2013

BS (ANTHROPOLOGY & ARCHAEOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-146

Pre-requisite: H.S.C. with Pre-Engineering / Pre-Medical/General Science Group; Pre-entry Test.

Combined BS I & II Anthropology and Archaeology

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENGL300	English	2	ENGL 301	English	2
PKST 300	Pakistan Studies	2	ISST/ETHS 301	Islamic Studies / Ethics	2
COMP 300	Computer Skills	2	COMP 301	Computer Skills	2
ANTH 310	Introduction to Anthropology (Major)	4	ANTH 312	Kinship and Social Organization (Major)	4
ARCH 320	Introduction to Archaeology (Major)	4	ARCH 322	Introduction to Prehistoric Archaeology (Major)	4
GEOG 322	Human Geography / Geology (Minor)	3	GEOG 322	Environmental Geography (Minor)	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 400	English	2	ENGL 401	English	2
CIVZ 400	Civilizations	2	STAT 401	Statistical Analysis of Field Data	2
STAT 400	Statistics	3			
ANTH 410	Theories in Anthropology (Major)	4	PSYL 401	Human Psychology	2
ARCH 420	Field Archaeology (Major)	4	ANTH 412	Economics Anthropology (Major)	4
SOCL 420	Sociology (Minor)	2	ARCH 422	Theories in Archaeology (Major)	4
			SOCL 422	Sociology of Pakistan (Minor)	2

BS ANTHROPOLOGY (OPTION)

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
ANTH 500	Political Anthropology	4	ANTH 510	Anthropology of South Asia	4
ANTH 502	Medical Anthropology	3	ANTH 512	Ethnological Study of Pakistan	4
ANTH 504	Anthropology of Religion	3	ANTH 514	Urban Anthropology	4
ANTH 506	Cultural Anthropology	4	ANTH 516	Anthropology of Art and Music	3
ANTH 508	Linguistic Anthropology	4	ANTH 518	Women and Development	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
ANTH 600	Applied Anthropology	3	ANTH 610	Research Design and Review of Relevant Literature	4
ANTH 602	Social Change & Development	4			
ANTH 604	Migration and Globalization	3	ANTH 611	Field Data Collection	6
ANTH 606	Philosophical Anthropology	3	ANTH 612	Seminar	2
ANTH 608	Research Methodology	3	ANTH 613	Thesis	4
			ANTH 614	Defense	2

BS ARCHAEOLOGY (OPTION)

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
ARCH 500	Methods and Techniques in Archaeology	4	ARCH 510	Art and Architecture of Mesopotamia	3
ARCH 502	World Civilizations-I	4	ARCH 512	World Civilization-II	4
ARCH 504	Art and Architecture of South Asia	4	ARCH 514	Indus Civilization	4
			ARCH 516	Ancient Religions of Pakistan and India	3
ARCH 506	Prehistory of South Asia	3			
ARCH 508	Museum Study	3	ARCH 518	Research Methodology	4

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
ARCH 600	Indus Civilization Craft & Technology	4	ARCH 610	Internship with report writing and presentation in a Seminar	4
ARCH 602	Archaeological Thoughts	3	ARCH 611	Field Data Collection	6
ARCH 604	Muslim Architecture of South Asia	3	ARCH 612	Seminar	2
			ARCH 613	Thesis	4
ARCH 606	Environmental Archaeology	3	ARCH 614	Defense	2
ARCH 608	Cultural Heritage Management	3			

DEPARTMENT OF FRESH WATER BIOLOGY & FISHERIES

The Department of Fresh Water Biology & Fisheries was first conceived as a section of the Department of Zoology. Then in 1973, the Department of Fresh Water Biology and Fisheries was established as an independent department at Allama I.I Kazi Campus, Jamshoro.

Initially sharing accommodation with Department of Botany, the Department shifted to its new building in January 1993. Since then it has been further expanded with addition of new labs and Classrooms.

The Department offers BS (4-Year Programme), M.Sc. (2-Year Programme), M.Phil. and Ph.D. degree programmes by course work and researchThe mission of the department is to provide well qualified personnel to the market related to fisheries and fish farming, aquatic ecology and fisheries technology in Government and Private Sectors.

The teaching faculty comprises the following: -

Baloch, Wazir Ali, Professor & **(Dean)**
M.Sc. (S.U.) 1987, MS (Japan) 1995, Ph.D. (Kagoshima, Japan) 1998

Lashari, Khalid Hussain, Professor & **Chairman**
M.Sc. (S.U.) 1995, M.Phil. (S.U.) 2002, Ph.D. (S.U.)2009

Narejo, Naeem Tariq, Professor
M.Sc. (S.U.) 1987, M.Phil. (S.U.) 1997, Ph.D. (Dhaka, Bangladesh) 2003

Mahar, Mukhtar Ahmed, Professor
M.Sc. (S.U.) 1995, Ph.D. (S.U.) 2004

Soomro, Anila Naz, Professor
M.Sc. (S.U.)1998, MS (Japan)2007, Ph.D. (Kagoshima, Japan) 2010

Laghari, Muhammad Younis, Associate Professor
M.Sc. (S.U.), M.Phil. (S.U.)2008, Ph.D. (Beijing, China) 2014

Lashari, Punhal Khan, Associate Professor
M.Sc. (S.U.), M.Phil. (S.U.)2008, Ph.D. (Beijing, China) 2014

Baradi, Waryani, Associate Professor
M.Sc. (S.U.), M.Phil. (K.U) 2008, Ph.D. (Beijing, China) 2014

Kalhoro, Hameeda, Assistant Professor (Adhoc basis)
M.Sc. (S. U) 2010, Ph.D. (China) 2018

BS (FRESH WATER BIOLOGY & FISHERIES): 4 YEARS PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite; H.S.C. with Pre-Medical Group: Pre-Entry Test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENGL 300	English I	3	ENGL 301	English- II	3
PKST 300	Pakistan Studies	2	ISST/ETHS 301	Islamic Studies/Ethics	2
MATH 300	Mathematics- I	3	MATH 301	Mathematics- II	3
FWBF 310-311	Introduction FW Biology	3+1	FWBF 312-313	Ichthyology	3+1
ZOOL 320-321	Zoology - I	2+1	ZOOL 322-323	Zoology- II	2+1
PHSL 320-321	Physiology /Biochemistry	2+1	PHSL 322-323	Physiology /Biochemistry	2+1

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 400	English- III	3	ENGL 401	English- IV	3
CIVZ 400	Civilization (Non Credit)		ENVS 400	Environmental Science (NC)	
FWBF 410-411	Aquatic Microbiology	3+1	FWBF 414-415	Developmental Biology	3+1
FWBF 412-413	Development Biology	3+1	FWBF 416-417	Introductory Fish Culture	3+1
FWBF 420-421	Zoology III	2+1	ZOOL 422-423	Zoology IV	2+1
PHSL 420-421	Physiology /Biochemistry	2+1	PHSL 422-423	Physiology /Biochemistry	2+1

THIRD YEAR

Fifth Semester		C.H.
FWBF 500-501	Limnology	3+1
FWBF 502-503	Cell & Molecular Biology	3+1
FWBF 504-505	Fish & Fisheries Biology	3+1
FWBF 506-507	Fishery Technology	3+1

Sixth Semester		C.H.
FWBF 508-509	Phycology	3+1
FWBF 510-511	Fish Genetics	3+1
FWBF 512-513	Freshwater Invertebrates	3+1
FWBF 514-515	Aquactic Macrophytes & Management	3+1

FOURTH YEAR

Seventh Semester		C.H.
FWBF 600-601	Fish Breeding & Conser	3+1
FWBF 602-603	Water Pollution	3+1
FWBF 604-605	Elective 1-3*	2+1
FWBF 606-607	Elective 1-3**	2+1

Eighth Semester		C.H.
FWBF 608-609	Fish Nutrition	3+1
FWBF 610-611	Fish Hygiene & Disease	3+1
FWBF 612-613	Zooplankton	3+1
FWBF 614-615	Elective 1-5***	3+1
FWBF 616	Comprehensive Viva	4

Elective courses: -Any one to be offered CH-(3+1)

FWBF 604-605 Elective 1-3*

i.   Integrated Fish Farming
ii.   AquaticToxicology
iii. Inland Fisheries Management

FWBF 606-607 Elective 1-3**

i.   Fish Behaviour
ii.   Fish Post Harvest Technology
iii. Endocrinology

FWBF 614-615 Elective 1-3***

i.   Water Quality Management
ii.   Ecotoxicology
iii. Fisheries Science
iv.   Aquaculture
v.   Lake Management

*Odd numbered courses are Lab courses/Practicals

M.Sc. (FRESH WATER BIOLOGY AND FISHERIES): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: B.Sc. (Pass) with Fresh Water Botany-Zoology, Botany-Zoology, Fresh Water Biology-Botany and Fresh Water Biology-Chemistry as elective subjects.

A.   M.Sc. (Previous) requirements:

FWBF 500 to FWBF 515 as per 5th & 6th Semester of BS Programme

AND

FWBF 600 to FWBF 618 as per 7th & 8th Semester of BS Programme

Optional for other major subjects

DEPARTMENT OF GEOGRAPHY

The Department of Geography was established on Elsa Kazi Campus Hyderabad in 1955 with Prof. M.M. Memon as its first Chairman and was shifted to its own building on the Allama I. I. Kazi Campus, Jamshoro in 1970.

The Department offers BS and M.Sc. degree Programmes. Some of the special courses offered in the Department are: Environmental Geography, Soil and Water Analysis, Geographical Information System (GIS), Remote Sensing (RS). Recently a new course Digital Cartography has been introduced.

It has full-fledged Computer Lab., Cartographic Lab., and Geo-Physical Lab. Its seminar library contains more than 3500 books.

The teaching faculty comprises the following:

Junejo, Shafique Ahmed, Professor **and Chairman**
M.Sc. (S. U) 1996, M.Phil. (Peshawar) 2008, Ph.D. (China) 2015

Leghari, Muhib Ali, Assistant Professor
M.Sc. (S.U.) 1997

Khan, Shaista Naz, Assistant Professor
M.Sc. (S.U.) 1998

Meghwar, Sujomal, Assistant Professor
M.Sc. (S.U.) 1998

Rahoojo, Saadullah, Lecturer
M.Sc. (S.U.) 2004

BS (GEOGRAPHY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-140

Pre-requisite: H.S.C. with Pre-Engineering / Pre-Medical/General Science Group; Pre-entry Test.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENGL 300	English	3	ENGL 301	English	3
MATH 300	Mathematics	3	MATH 301	Mathematics	3
PKST 300	Pakistan Studies	2	ISST/ETHS 301	Islamic Studies/Ethics	2
GEOG 310	Fundamentals of Geography-I	3	GEOG 312	Physical Geography	3
GEOG 311	Lab	1	GEOG 313	Lab	1
	Minor-I (Optional)	3		Minor-I (Optional)	3
	Minor-II (Optional)	3		Minor-II (Optional)	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENGL 400	English	3	ENGL 402	English	3
CIVZ 400	Civilization	2	ENVS 402	Environmental Science	2
GEOG 410	Human Geography	3	GEOG 412	Geography of Pakistan	3
GEOG 411	Map Work (Lab)	1	GEOG 413	Land Surveying (Lab.)	1
	Minor-I (Optional)	3		Minor-I (Optional)	3
	Minor-II (Minor)	3		Minor-II (Minor)	3

THIRD YEAR

Fifth Semester		C.H.
GEOG 500	History and Development of Geographic Thought	3
GEOG 502	Principles of Cartography	3
GEOG 503	Cartographic Techniques	1
GEOG 504	Geomorphology	3
GEOG 505	Identification of Rocks & Minerals (Lab)	1
GEOG 506	Climatology	3
GEOG 507	Interpretation of Weather Maps (Lab)	1
GEOG 508	Oceanography	3

Sixth Semester		C.H.
GEOG 510	Quatitative Geography	3
GEOG 511	Adv. Quantitative Techniques (Lab)	1
GEOG 512	Environmental Geography	3
GEOG 513	Soil & Water Analysis	1
GEOG 514	Economic Geography	3
GEOG 515	Advanced Cartographic Techniques	1
GEOG 516	Research Methods	3
GEOG 518	Regional Concepts	3

FOURTH YEAR

Seventh Semester		C.H.
GEOG 600	Geographical Information Sciences	3
GEOG 601	Lab.	1
GEOG 602	Remote Sensing	3
GEOG 603	Lab.	1
GEOG 604	Desert Morphology	3
GEOG 608	Plant Geography	3
GEOG 614	Digital Cartography	3
GEOG 615	Lab.	1

Eighth Semester		C.H.
GEOG 620	Field Study	6
GEOG 622	Population Geography	3
GEOG 624	Hydro Geography	3
GEOG 626	Agricultural Geography	3
GEOG 630	Zoo Geography	3
GEOG 640	Comprehensive Viva Voce	2

M.Sc. (GEOGRAPHY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-74

Pre-requisite: Bachelor of Science (Pass) degree in subject.

M.Sc. (Previous)

First Semester		C.H.
GEOG 500	History and Development of Geographic Thought	3
GEOG 502	Principles of Cartography	3
GEOG 503	Cartographic Techniques	1
GEOG 504	Geomorphology	3
GEOG 505	Identification of Rocks & Minerals (Lab)	1
GEOG 506	Climatology	3
GEOG 507	Interpretation of Weather Maps (Lab)	1
GEOG 508	Oceanography	3

Second Semester		C.H.
GEOG 510	Quatitative Geography	3
GEOG 511	Adv. Quantitative Techniques (Lab)	1
GEOG 512	Environmental Geography	3
GEOG 513	Soil & Water Analysis	1
GEOG 514	Economic Geography	3
GEOG 515	Advanced Cartographic Techniques	1
GEOG 516	Research Methods	3
GEOG 518	Regional Concepts	3

M.Sc. (Previous)

First Semester		C.H.
GEOG 600	Geographical Information Sciences	3
GEOG 601	Lab	1
GEOG 602	Remote Sensing	3
GEOG 603	Lab	1
GEOG 604	Desert Morphology	3
GEOG 608	Plant Geography	3
GEOG 614	Digital Cartography	3
GEOG 615	Lab.	1

Second Semester		C.H.
GEOG 620	Field Study	6
GEOG 622	Population Geography	3
GEOG 624	Hydro Geography	3
GEOG 626	Agricultural Geography	3
GEOG 630	Zoo Geography	3
GEOG 640	Comprehensive Viva Voce	2

DEPARTMENT OF PHYSIOLOGY

Department of Physiology was established by University of Sindh in 1974. Professor Dr. Abdul Qadir Ansari was the founder chairman of the department. This department has very significant role in the advancement of applied biological and health sciences. Department of Physiology University of Sindh Jamshoro is the second department outside medical colleges/universities in Pakistan. This is serving the nation by teaching and research Programmes at basic, experimental and applied physiology, at undergraduate and graduate levels. Healthy atmosphere, committed working, highly qualified teaching faculty, well equipped computer added experimental/research laboratories and seminar library with digital library system are main features of the Physiology department. This department is playing an active role in the advancement of physiological sciences, with a variety of vigorous research Programmes supporting undergraduate physiology education and graduate studies in the relevant fields. Since years the Alumni of Physiology department having degree of B.Sc. (Hons.), B.Sc. (Pass), M.Sc., BS (4-years), M.Phil. and Ph.D. are in the stream line services inside country and abroad.

Presently we offer **BS-Physiology, BS-Medical Laboratory Technology**, and M.Sc., at undergraduate level and **MS/M.Phil and Ph.D. Programmes** at graduate level with special interests in the fields of Endocrinology, Reproductive Physiology, Histo and Patho-Physiology, Neuro-Physiology, Hematology, Pharmacology, Toxicology, Molecular Biology and Epidemiology.

Graduation Requirements

To receive the degree of BS in Physiology and BS Medical Laboratory Technology, a student must fulfill all requirements of the degree Programmes, complete all the assigned courses of 136 credits (including internship), with an overall grade point average (GPA) of 2.5/4.0.

The teaching faculty comprises the following:

Laghari, Zulfiqar Ali, Professor **and Chairman**
M.Sc. Physiology (S.U.) 1997, Ph. D (Nottingham, UK) 2011

Warsi, Jamshed, Associate Professor
M.Sc. Physiology (S.U.) 2000, Ph.D. (Tubingen, Germany) 2015

Talpur, Aabroo, Assistant Professor (On Lien)
M.Sc. Physiology (S.U.) 1995

Mughal, Zaib-un-Nisa, Assistant Professor
M.Sc. Physiology (S. U) 2004, M.Phil. (QAU, Islamabad) 2011

Zai, Jawed Ahmed, Assistant Professor
M.Sc. Physiology (S. U) 1999, M.Phil. (QAU, Islamabad) 2011

Khand, Aftab Ahmed, Assistant Professor
M.Sc. Physiology (S.U.) 1999, Ph.D. (Tsinghua University, Beijing, China) 2021

Samo, Ayaz Ali, Assistant Professor (TTS & Approved Supervisor)
BS Physiology (S.U) 2007, MS (CW) 2012, Ph.D. (Beijing Normal University, China) 2018

Samoo, Atta Muhammad, Lecturer (on study leave)
M.Sc. Physiology (S.U.) 2005

Baloch, Farzana Gul, Lecturer
BS Physiology (S.U.) 2007, M.Phil. (Physiology) 2020

Khoso, Ghulam Murtaza, Lecturer
M.Sc. Physiology (S.U.) 2013

BS (PHYSIOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. with Pre-Medical Group, Pre-Entry Test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 300	English I	3	ENG 301	English- II	3
PKST 300	Pakistan Studies	2	ISST/ETHS 301	Islamic Studies / Ethics	2
STAT/MATH 300	Biostatistics-I/ Mathematics- I	3	STAT/MATH 301	Biostatistics-II / Mathematics- II	3
PHSL 310-311	Cell Biology I	2+1	PHSL 314-315	Cell Biology-II	2+1
PHSL 312-313	Functional Anatomy & Physiology-I	2+1	PHSL 316-317	Functional Anatomy & Physiology- II	2+1
BIOC 320-321	Biochemistry-I	2+1	BIOC 322-323	Biochemistry-II	2+1
ZOO/FWB/BIOT/ IPS 320-321	Functional Anatomy & Physiology-I	2+1	ZOOL/FWB/ BIOT IPS 322-323	Functional Anatomy & Physiology II	2+1

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENG 400	English- III	3	ENG 401	English- IV	3
CVZ 400	Civilization	2	ENVS 401	Environmental Science	2
PHSL 410-411	Physiology of blood & body fluids	2+1	PHSL 414	Introduction to Bioinformatics	2
PHSL 412-413	Plant Physiology	2+1	PHSL 416-417	Neuro-muscular Physiology	2+1
BIOC 420-421	Biochemistry-III	2+1			
ZOOL/FWB/ BIOT/IPS 420-421	Cell Biology	2+1	PHSL 418-419	Principles of Immunology	2+1
			BIOC 422-423	Biochemistry-IV	2+1
			ZOO/FWB/BIOT IPS 422-423	General Physiology	2+1

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
PHSL 500-501	Molecular Biology	2+1	PHSL 510-511	Endocrinology	2+1
PHSL 502-503	Cardiovascular System	2+1	PHSL 512-513	Reproductive & Developmental Physiology	2+1
PHSL 504-505	Pulmonary Physiology	2+1	PHSL 514-515	Physiology of Special Senses	2+1
PHSL 506-507	Renal Physiology	2+1	PHSL 516-517	Comparative Animal Physiology	2+1
PHSL 508-509	Gastroentropancreartic Physiology	2+1	PHSL 518-519	Toxicology	2+1

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
PHSL 600-601	Pharmacology	2+1	PHSL 610-611	Patho-Physiology	2+1
PHSL 602-603	Environmental Physiology	2+1	PHSL 612-613	Behavioral Physiology	2+1
			PHSL 614-615	Hematology	2+1
PHSL 604-605	Physiology of Health, Fitness and Exercise	2+1	PHSL 616	Internship/Project	4
PHSL 606-607	Physiological Biotechnology	2+1	PHSL 618	Comprehensive Viva-Voce	2
PHSL 608	Research Methodology	3			

BS (MEDICAL LABORATORY TECHNOLOGY) (MLT): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: H.S.C. with Pre-Medical Group, Pre-Entry Test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 300	English-I	3	ENG 300	English-II	3
PKST 300	Pakistan Studies	2	ISST 300	Islamic Studies	2
MLT 301	Biostatistics	3	MLT 310-311	Cell Biology-II	2+1
MLT 302-303	Cell Biology-I	2+1	MLT 312-313	General Microbiology	2+1
MLT 304-305	Functional Anatomy & Physiology-I	2+1	MLT 314-315	Functional Anatomy & Physiology-II	2+1
MLT 306-307	Laboratory Techniques-I	2+1	MLT 316-317	Laboratory Techniques-II	2+1
MLT 308-309	Bio-Chemistry-I	2+1	MLT 318-319	Bio-Chemistry-II	2+1

SECOND YEAR

Third Semester		C.H.
ENG 400	English-III	3
MLT 400-401	Applied Microbiology	2+1
MLT 402-403	General Pathology	2+1
MLT 404-405	Hematology-I	2+1
MLT 406	Physiology of Body Fluids	3
MLT 408-409	Molecular Biology	2+1

Fourth Semester		C.H.
ENG 400	English-IV	3
MLT 410	Principles of Toxicology	3
MLT 412-413	Clinical Pathology	2+1
MLT 414-415	Hematology-II	2+1
MLT 416-417	Immunology	2+1
MLT 418-419	Computer Application in Laboratory	2+1

THIRD YEAR

Fifth Semester		C.H.
MLT 500-501	Serology and Blood Banking	2+1
MLT 502-503	Endocrine and Hormone Assay-I	2+1
MLT 504-505	Histo-Pathological Techniques-I	2+1
MLT 506-507	Community Medicine & epidemiology	2+1
MLT 508-509	Clinical Chemistry-I	2+1

Sixth Semester		C.H.
MLT 510-511	Endocrine and Hormone Assay-II	2+1
MLT 512	Bio-analytical Techniques	3
MLT 514-515	Chemical Pathology	2+1
MLT 516-517	Laboratory Management	2+1
MLT 518	Molecular Diagnosis	3

FOURTH YEAR

Seventh Semester		C.H.
MLT 602	Behavioral Sciences	3
MLT 604	Research Methodology	3
MLT 606	Research Project	9
MLT 608	Comprehensive Viva-Voce	3

Eighth Semester		C.H.
MLT 610	Laboratory Internship / House Job	12

M.Sc. (PHYSIOLOGY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-60

Pre-requisite: - B.Sc. (Pass) with Botany/ Zoology/ Microbiology/Biochemistry/Fresh water Biology/Chemistry **OR** after passing Second year BS with Physiology as a subject.

PREVIOUS

First Semester		C.H.
PHSL-N.C*	Functional Anatomy & Physiology-I	N.C*
PHSL 500-501	Molecular Biology	2+1
PHSL 502-503	Cardiovascular System	2+1
PHSL 504-505	Pulmonary Physiology	2+1
PHSL 506-507	Renal Physiology	2+1
PHSL 508-509	Gastroentropancreatic Physiology	2+1

Second Semester		C.H.
PHSL-N.C*	Functional Anatomy & Physiology-II	N.C*
PHSL 510-511	Endocrinology	2+1
PHSL 512-513	Reproductive & Developmental Physiology	2+1
PHSL 514-515	Physiology of Special Senses	2+1
PHSL 516-517	Comparative Animal Physiology	2+1
PHSL 518-519	Toxicology	2+1

FINAL

Third Semester		C.H.
PHSL 600-601	Pharmacology	2+1
PHSL 602-603	Environmental Physiology	2+1
PHSL 604-605	Physiology of Health, Fitness & Exercise	2+1
PHSL 606-607	Physiological Biotechnology	2+1
PHSL 608	Research Methodology	3

Fourth Semester		C.H.
PHSL 610-611	Patho – Physiology	2+1
PHSL 612-613	Behavioral Physiology	2+1
PHSL 614-615	Haematology	2+1
PHSL 616	Internship / Project	4
PHSL 618	Comprehensive Viva voce	2

NC* = Non Credit

DEPARTMENT OF STATISTICS

The Department of Statistics started functioning in 1964 and within three years, it became a full-fledged department. In 1972, it was merged with the Department of Mathematics. In July 1978 it was separated again. Since then, it has been working as an independent department, offering 4-year BS. (Stat), M.Sc. and Diploma Programmes. The M.Phil./ Ph.D. Programmes have been introduced from 2002 session. The department has well equipped Computer Laboratories and senior qualified and trained faculty. The importance of Statistics is growing day by day in every field of life and there is increasing demand for trained and qualified personnel.

There are numerous public and private organizations in Pakistan where qualified manpower in Statistics is needed. The job opportunities are available at Government level in the Statistics Division and its four departments, i.e., Federal Bureau of Statistics, Population Census Organization, Agricultural Census Organization, Pakistan Institute of Training and Research, Bureau of Statistics and other organizations at provincial level. A number of Research Papers on different Statistical topics have been published by the faculty in National and International Journals. In addition, there are number of scholars are enrolled for MS/M.Phil Programmes in Statistics each year.

Moreover M.Sc. in Actuarial Sciences is also started in 2016.

Actuarial Science is the discipline that applies Mathematical and Statistical methods to assess risks in insurance and finance industries. Actuaries are experts in analyzing financial impacts of tomorrow's uncertain events. Actuaries add value by enabling businesses and individuals to make informed decisions with a clear view of the likely range of financial outcomes from different future events.

The teaching faculty comprises the following: -

Talpur, Ghulam Hyder, Professor and **Chairman**
M.Sc. (S.U.) 1986, Ph.D. (Shanghai Sc. & Tech. Univ.) 1994

Soomro, Imdad Hussain, Assistant Professor
M.Sc. (S.U.) 1987

Junejo, Ishtiaque Ahmed, Assistant Professor
M.Sc. (S.U.) 1989

Chandio, Javed Iqbal, Assistant Professor
M.Sc. (S.U.) 1989

Rind, Umed Ali, Assistant Professor
M.Sc. (S.U.) 1990

Gill, Nazia Parveen, Assistant Professor
M.Sc. (S.U.) 2001, Ph.D. (University of Groningen, Netherland) 2016

Daudpota, Mohammad Rafique, Assistant Professor
M.Sc. (S.U.) 1998, Ph.D. (S.U.) 2019

Sabayo, Abdul Sattar, Lecturer/Programmer
BCS (CS) (S.U.) 2004 and B.Sc. (Pass) in Statistics 1998

BS (STATISTICS): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136

Pre-requisite: - H.S.C. with Pre-Engineering/ General Science Group with Maths & Physics, Pre- Entry Test.

FIRST YEAR

First Semester		C.H.
ENGL 300	English I	3
ISST/ETHS 300	Islamic Studies/Ethics	2
MATH 300	Mathematics I (P.E)	3
STAT 310	Statistics I	3
STAT 311	Statistics I (Lab.)	1
COMP 320	Computer Fundamental	2
COMP 321	Computer Fundamental (Lab.)	1
ECON 320	Basic Economics- I	3

Second Semester		C.H.
ENGL 301	English- II	3
PKST 301	Pakistan Studies	2
MATH 301	Mathematics- II (P.E)	3
STAT 312	Statistics- II	3
STAT 313	Statistics- II (Lab.)	1
COMP 322	Computer Application	2
COMP 323	Computer Application (Lab.)	1
ECON 322	Basic Economics- II	3

SECOND YEAR

Third Semester

		C.H.
ENGL 400	English- III	3
CIVZ 400	Civilization	2
STAT 410	Applied Statistics I	3
STAT 411	Applied Statistics I (Lab.)	1
COMP 420	Computer Skills/Programming	2
COMP 421	Computer Skills/Programming (Lab.)	1
BUAD/PUAD 420	Business/Public Administration	3

Fourth Semester

		C.H.
ENGL 401	English- IV	3
ENVS 400	Environmental Science	2
STAT 412	Applied Statistics II	3
STAT 413	Applied Statistics II (Lab.)	1
COMP 422	Computer Skills/Programming	2
COMP 423	Computer Skills/Programming (Lab.)	1
SOCL/PSYC 422	Sociology/Psychology	3

THIRD YEAR

5th Semester

		C.H.
STAT 500	Decision Theory (Optional)	3
STAT 501	Decision Theory (Optional) (Lab.)	1
STAT 502	Probability & Probability Distribution-I	3
STAT 503	Probability & Probability Distribution-I (Lab.)	1
STAT 504	Population Studies- I (Optional)	3
STAT 505	Population Studies- I (Optional) (Lab.)	1
STAT 506	Design and Analysis of EXP-I	3
STAT 507	Design and Analysis of EXP-I (Survey/Lab.)	2

6th Semester

		C.H.
STAT 508	Linear Model & Reg. Analysis (Optional)	3
STAT 509	Linear Model & Reg. Analysis (Optional) (Lab.)	1
STAT 510	Probability & Probability Distribution-II	3
STAT 511	Probability & Probability Distribution-II (Lab.)	1
STAT 512	Population Studies- II (Optional)	3
STAT 513	Population Studies- II (Optional) (Lab.)	1
STAT 514	Design and Analysis of EXP.- II	3
STAT 515	Design and Analysis of EXP.- II (Survey/Lab.)	2

FOURTH YEAR

7th Semester

		C.H.
STAT 600	Statistical inference I	3
STAT 601	Statistical inference I (Lab.)	1
STAT 602	Sampling & Survey Method I	3
STAT 603	Sampling & Survey Method I(Survey/Lab.)	2
STAT 604	Regression Analysis & Econometrics (Optional)	3
STAT 605	Regression Analysis & Econometrics (Optional) (Lab.)	1
STAT 606	Data Processing & Stat. Computing (Optional)	3
STAT 607	Data Processing & Stat. Computing (Optional) (Lab.)	1

8th Semester

		C.H.
STAT 608	Statistical inference- II	3
STAT 609	Statistical inference- II (Lab.)	1
STAT 610	Sampling & Survey Method II	3
STAT 611	Sampling & Survey Method II (Survey/Lab.)	2
STAT 612	Operation Research (Optional)	3
STAT 613	Operation Research (Optional) (Lab.)	1
STAT 614	Stochastic Process/ Time Series Analysis & Forecasting (Optional)	3
STAT 615	Stochastic Process/ Time Series Analysis & Forecasting (Optional) (Lab.)	1
STAT 616	Research Project/Comprehensive Viva-Voce	2

* Odd number courses are Labs

Specializations

In view of the rapid expansion in the discipline, the department offers opportunity to study any field of specialization as optional subject. The fields identified here and the courses listed under each are to be opted and studied both by BS 4-Year students from 7th semester onward as well as MSc. Statistics student's Programme (Credit Hours 70)

Statistics
FOURTH YEAR

7th Semester		C.H.
STAT 600	Statistical inference I	3
STAT 601	Statistical inference I (Lab.)	1
STAT 602	Sampling & Survey Method I	3
STAT 603	Sampling & Survey Method I (Survey/Lab.)	2
STAT 604	Regression Analysis & Econometrics (Optional)	3
STAT 605	Regression Analysis & Econometrics (Optional) (Lab.)	1
STAT 606	Data Processing & Stat. Computing (Optional)	3
STAT 607	Data Processing & Stat. Computing (Optional) (Lab.)	1

8th Semester		C.H.
STAT 608	Statistical inference- II	3
STAT 609	Statistical inference- II (Lab.)	1
STAT 610	Sampling & Survey Method II	3
STAT 611	Sampling & Survey Method II (Survey/Lab.)	2
STAT 612	Operation Research (Optional)	3
STAT 613	Operation Research (Optional) (Lab.)	1
STAT 614	Stochastic Process/ Time Series Analysis & Forecasting (Optional)	3
STAT 615	Stochastic Process/ Time Series Analysis & Forecasting (Optional) (Lab.)	1
STAT 616	Research Project/Comprehensive Viva-Voce	2

* odd number courses are Labs

Operations Research
FOURTH YEAR

7th Semester		C.H.
STAT 600	Statistical Inferences-I	3
STAT 601	Statistical Inferences-I (Lab.)	1
STAT 602	Sampling & Survey Methods-I	3
STAT 603	Sampling & Survey Methods-I (Lab.)	2
STAT 604	Stochastic Process	3
STAT 605	Stochastic Process Lab.	1
STAT 606	Data Processing & Statistical Computing-II	3
STAT 607	Data Processing & Statistical Computing-II (Lab.)	1

8th Semester		C.H.
STAT 608	Statistical inferences- II	3
STAT 609	Statistical inferences- II (Lab.)	1
STAT 610	Sampling & Survey Methods-II	3
STAT 611	Sampling & Survey Methods-II (Lab.)	2
STAT 612	Operation Research	3
STAT 613	Operation Research (Lab.)	1
STAT 614	Queuing Models	3
STAT 615	Queuing Models Lab.	1
STAT 616	Research Project/Comprehensive Viva-Voce	2

* odd number courses are Labs

Population Sciences
FOURTH YEAR

7th Semester		C.H.
STAT 600	Statistical Inferences-I	3
STAT 601	Statistical Inferences-I (Lab.)	1
STAT 602	Sampling & Survey Methods-I	3
STAT 603	Sampling & Survey Methods-I (Lab.)	1
STAT 604	Techniques of Demographic Analysis (PS)	3
STAT 605	Techniques of Demographic Analysis (PS) (Lab.)	2
STAT 606	Data Processing & Statistical Computing-I	3
STAT 607	Data Processing & Statistical Computing-I (Lab.)	1

8th Semester		C.H.

8th Semester		C.H.
STAT 608	Statistical inferences- II	3
STAT 609	Statistical inferences- II (Lab.)	1
STAT 610	Sampling & Survey Methods-II	3
STAT 611	Sampling & Survey Methods-II (Lab.)	1
STAT 612	Population and Environment (PS)	3
STAT 613	Population and Environment (PS) (Lab.)	2
STAT 614	Nuptiality & Fertility	3
STAT 615	Nuptiality & Fertility(Lab.)	1
STAT 616	Research Project/Comprehensive Viva-Voce	2

* odd number courses are Labs

M.Sc. (STATISTICS): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-70

Pre-requisite: -B.Sc. (Pass) degree with Mathematics/ Statistics as elective subject.

M.Sc. (Prev.)

5th Semester		C.H.
STAT 500	Statistical Methods-I	3
STAT 501	Statistical Methods-I (Lab.)	1
STAT 502	Probability & Probability Distributions-I	3
STAT 503	Probability & Probability Distributions-I (Lab.)	1
STAT 504	Population Studies-I (Optional)	3
STAT 505	Population Studies-I (Optional) (Lab.)	1
STAT 506	Design and Analysis of EXP-I	3
STAT 507	Design and Analysis of EXP-I (Survey/Lab.)	2

6th Semester		C.H.
STAT 508	Statistical Methods-II	3
STAT 509	Statistical Methods-II (Lab.)	1
STAT 510	Probability & Probability Distributions –II	3
STAT 511	Probability & Probability Distributions –II (Lab.)	1
STAT 512	Population Studies-II (Optional)	3
STAT 513	Population Studies-II (Optional) (Lab.)	1

STAT 514	Design and Analysis of EXP-II	3
STAT 515	Design and Analysis of EXP-II (Survey/Lab.)	2

M.Sc. (Final)

7th Semester		C.H.
STAT 600	Statistical inference I	3
STAT 601	Statistical inference I (Lab.)	1
STAT 602	Sampling & Survey Method I	3
STAT 603	Sampling & Survey Method I (Survey/Lab.)	2
STAT 604	Regression Analysis & Econometrics (Optional)	3
STAT 605	Regression Analysis & Econometrics (Optional) (Lab.)	1
STAT 606	Data Processing & Stat. Computing (Optional)	3
STAT 607	Data Processing & Stat. Computing (Optional) (Lab.)	1

8th Semester		C.H.
STAT 608	Statistical inference- II	3
STAT 609	Statistical inference- II (Lab.)	1
STAT 610	Sampling & Survey Method II	3
STAT 611	Sampling & Survey Method II (Survey/Lab.)	2
STAT 612	Operation Research (Optional)	3
STAT 613	Operation Research (Optional) (Lab.)	1
STAT 614	Stochastic Process/ Time Series Analysis & Forecasting (Optional)	3
STAT 615	Stochastic Process/ Time Series Analysis & Forecasting (Optional) (Lab.)	1
STAT 616	Research Project/Comprehensive Viva-Voce	2

* odd number courses are Labs

M.Sc. (ACTUARIAL SCIENCES): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH 67

M.Sc. Actuarial sciences will contain a total of 67 Credit Hours out of which 64 (16+16+16+16) will comprise course work in the four (04) semester and 03 Credit Hours for Report Writing & Comprehensive Viva-Voce.

Eligibility

The eligibility criteria for admission in M.Sc. Actuarial Science:
Graduate students with 50% Marks in Mathematics, Statistics, Computer Science, B. Com, B.B.A and relevant subjects.

M.Sc. (Prev.)

First Semester		C.H.
ACTU 500	Statistical Methods-I (Th.) (Compulsory)	3
ACTU 501	Statistical Methods-I (Lab.) (Compulsory)	1
ACTU 502	Mathematical Probability & Statistics-I (Th.) (Compulsory)	3
ACTU 503	Mathematical Probability & Statistics-I (Lab.) (Compulsory)	1
ACTU 504	Economics-I (Th.) (Optional)	3
ACTU 505	Economics-I (Lab.) (Optional)	1
ACTU 506	Asset and Liability Management-I (Th.) (Major)	3
ACTU 507	Asset and Liability Management-I (Lab.)(Major)	1

Second Semester		C.H.
ACTU 508	Statistical Methods-II (Th.) (Compulsory)	3
ACTU 509	Statistical Methods-II (Lab.) (Compulsory)	1
ACTU 510	Mathematical Probability & Statistics-II (Th.) (Compulsory)	3
ACTU 511	Mathematical Probability & Statistics-II (Lab.) (Compulsory)	1
ACTU 512	Economics-II (Th.) (Optional)	3
ACTU 513	Economics-II (Lab.) (Optional)	1
ACTU 514	Asset and Liability Management-II (Th.) (Major)	3
ACTU 515	Asset and Liability Management-II (Lab.)(Major)	1

M.Sc. (Final)

First Semester		C.H.
ACTU 600	Actuarial Risk Management-I (Introd.) (Th.) (Major)	3
ACTU 601	Actuarial Risk Management-I (Introd.) (Lab.) (Major)	1
ACTU 602	Life Contingencies and Life Tables-I (Th.) (Compulsory)	3
ACTU 603	Life Contingencies and Life Tables-I (Lab.) (Compulsory)	1
ACTU 604	Financial Economics-I (Th.) (Compulsory)	3
ACTU 605	Financial Economics-I (Lab.) (Compulsory)	1
ACTU 606	Stochastic Processes (Th.) (Optional)	3
ACTU 607	Stochastic Processes (Lab.)(Optional)	1

Second Semester		C.H.
ACTU 608	Actuarial Risk Management-II (Introd.) (Th.) (Major)	3
ACTU 609	Actuarial Risk Management-II (Introd.) (Lab.) (Major)	1
ACTU 610	Life Contingencies and Life Tables-II (Th.) (Compulsory)	3
ACTU 611	Life Contingencies and Life Tables-II (Lab.) (Compulsory)	1
ACTU 612	Financial Economics-II (Th.) (Compulsory)	3
ACTU 613	Financial Economics-II (Lab.) (Compulsory)	1
ACTU 614	Survival Model (Th.) (Optional)	3
ACTU 615	Survival Model (Lab.) (Optional)	1
ACTU 616	Report Writing & Comprehensive Viva-Voce (Compulsory)	3

DEPARTMENT OF ZOOLOGY

The Department was established in 1956, it was shifted at the Allama I.I Kazi Campus, Jamshoro in 1961 and to its present premises in 1965. Two of its new laboratories were constructed in 1993 and were named after the former Chairman, Late Prof. S. Ishfaque Hussain Shah who died to heart failure on August 27, 1991.

Since its inception, the department has been imparting instructions for the 3-year B.Sc. (Hons.) courses and one/ two year M.Sc. Degree Programmes. 4-year BS Programme has been introduced since 2003. From academic year 2021 the Department has achieved another milestone to lauch BS Evening Programmes. It has been disseminating specialized knowledge in the five fields of Entomology, Parasitology, Vertebrate Biology, Endocrinology and Genetics. The Department also offers Programmes leading to M.Phil. and Ph.D. Degrees in these specialized fields. It has produced 53 Ph.Ds. and 118 M.Phils. since its inception. Present enrolment in the Department is 1050 including M.Phil. / Ph.D. students. The Department has been progressing steadily and at present it is the second largest department in the Faculty of Natural Sciences, University of Sindh.

The teaching faculty comprises the following:

Presently the teaching faculty comprises: 01 Professor Meritorious, 04 Professors, 04 Associate Professor, 08 Assistant Professors and 02 Lecturers.

Kaka, Naheed, Professor and **Chairperson**
M.Sc. 1994, Ph.D. (S.U.) 2002

Gachal, Ghulam Sarwar, Professor Meritorious, Focal Person S.U Larkana Campus
M.Sc. (S.U.) 1989, Ph.D. (U.K) 2002

Ursani, Tahira Jabeen, Professor
M.Sc. (S.U.) 1989, M.Phil. (S.U.) 1991, Ph.D. (S.U.) 2014

Qadri, Ayaz Hussain, Professor
M.Sc. (S.U.) 1995, Ph.D. (S.U.) 2014

Riffat, Sultana, Associate Professor
M.Sc. (S.U.) 2003, Ph.D. (S.U.) 2008

Sanjota, Bai, Associate Professor
M.Sc. (S.U.) 2004, Ph.D. (K.U) 2012

Birmani, Nadir Ali, Associate Professor
M.Sc. (S.U.) 2005, Ph.D. (S.U.) 2011

Bughio, Barkat Ali, Associate Professor
M.Sc. (S.U.) 1993, Ph.D. (S.U.) 2012

Shah, Nadir Ali, Assistant Professor
M.Sc. (S.U.) 1999, Ph.D. (S.U.) 2019

Malik, Samina, Assistant Professor
M.Sc. (S. U) 1993, M.Phil. (S.U.) 2014

Saima Naz, Assistant Professor
M.Sc. (K.U) 1999, Ph.D. (K.U) 2010

Shah, Mansoor Ali, Assistant Professor
M.Sc. (S.U.) 2002, Ph.D. (S.U.) 2013

Shaikh, Kalsoom, Assistant Professor
M.Sc. (S.U.) 2008, Ph.D. (S.U.) 2015

Khokhar, Jawaid, Assistant Professor
M.Sc. (S. U) 2001, M.Phil. (S.U.) 2008, Ph.D. (S.U.) 2017

Shah, Naheed, Assistant Professor
M.Sc. (S.U.)2004, M.Phil. (S.U.) 2016, Ph.D. (S.U.) 2021

Jahejo, Noshen, Assistant Professor
M.Sc. (S.U.)2004, M.Phil. (S.U.) 2014

Shaikh, Farheen, Lecturer
M.Sc. (S.U.) 2000, Ph.D. (S.U.) 2021

Karmoon Lal, Lecturer (On Study Leave)
M.Sc. (S.U.) 2010

BS (ZOOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-133

Pre-requisite: - H.S.C. with Pre-Medical, / General Science Biology Group, Pre-Entry Test

FIRST YEAR

First Semester		C.H.
ENGL 300	English I (Compulsory)	3
PKST 300	Pakistan Studies (Compulsory)	2
MATH 300	Mathematics (Compulsory)	3
ZOOL 310-311	Principle of AnimalLife	3+1
BOTN 320-321	Botany	2+1
PHYSO/FWBF/ CHEM/ BIOCHEM 320-321	Physiology/F-W.Biology/Chemistry/Biochemistry	2+1

Second Semester		C.H.
ENGL 301	English- II (Compulsory)	3
ISST/ETHS 301	Islamic Studies/ Ethics (Compulsory)	2
BIOSTA 306-307	Biostatistics (Compulsory)	2+1
ZOOL 312- 313	Principle of Animal Life	3+1
BOTN 322- 323	Botany	2+1
PHYSO/FWBF/CHEM/ BIOCHEM322-323	Physiology/F-W.Biology/Chemistry/ Biochemistry	2+1

SECOND YEAR

Third Semester		C.H.
ENGL 400	English- III (Compulsory)	3
COMPU 406-407	Introduction to Computer (Compulsory)	1+2
ZOOL 410- 411	Animal Diversity: Invertebrates	3+1
BOTN 420- 421	Botany	2+1
PHYSO/FWBF/CHEM/ BIOCHEM420-421	Physiology/F-W.Biology/Chemistry/ Biochemistry	2+1

Fourth Semester		C.H.
ENGL 401	English- IV (Compulsory)	3
ZOOL 412- 413	Animal Diversity: Vertebrates	3+1
ZOOL 414- 415	Animal Form & Function-I	3+1
ZOOL 416- 417	Animal Form & Function-II	3+1
BOTN 422- 423	Botany	2+1

THIRD YEAR

Fifth Semester		C.H.
ZOOL 500-501	General Biochemistry	3+1
ZOOL 502-503	Cell & Molecular Biology	3+1
ZOOL 504-505	Physiology	3+1
ZOOL 506-507	Animal Behaviour	2+1
PSYC 522	Psychology	2

Sixth Semester		C.H.
ZOOL 508-509	Biological Techniques	1+2
ZOOL 510-511	Evolution & Principlesof Systematics	2+1
ZOOL 512-513	Developmental Biology	3+1
ZOOL 514-515	Genetics	3+1
ZOOL 516	Wildlife	2

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FOURTH YEAR

Seventh Semester		C.H.
ZOOL 600-601	Environmental Biology	3+1
ZOOL 602-603	Zoogeography & Palentonology	2+1
ZOOL 604-605	Special Paper-I	2+1
ZOOL 606-607	Special Paper-II	3+1
ZOOL 608	Research Methodology	2

Eighth Semester		C.H.
ZOOL 610-611	Bioinformatics & Biotechnology	3+1
ZOOL 612-613	Immunology & Economic Zoology	2+1
ZOOL 614-615	Special Paper-III	2+1
ZOOL 616-617	Special Paper-IV	3+1
ZOOL 618	Research Project/Comprehensive Viva Voce	3

M.Sc. (ZOOLOGY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: -B.Sc. (Pass) degree with Zoology as one of the elective subjects, Pre-Entry Test.

M.Sc. (Previous)

First Semester		C.H.
ENG	Remedial English	NC
ZOOL 500-501	General Biochemistry	3+1
ZOOL 502-503	Cell & Molecular Biology	3+1
ZOOL 504-505	Physiology	3+1
ZOOL 506-507	Animal Behaviour	2+1
PSYC 522	Psychology	2

Second Semester		C.H.
ENG	Remedial English	NC
ZOOL 508-509	Biological Techniques	1+2
ZOOL 510-511	Evolution & Principles of Systematics	2+1
ZOOL 512-513	Developmental Biology	3+1
ZOOL 514-515	Genetics	3+1
ZOOL 516	Wildlife	2

M.Sc. (Final)

Third Semester		C.H.
ZOOL 600-601	Environmental Biology	3+1
ZOOL 602-603	Zoogeography & Palentonology	2+1
ZOOL 604-605	Special Paper-I	2+1
ZOOL 606-607	Special Paper-II	3+1
ZOOL 608	Research Methodology	2

Fourth Semester		C.H.
ZOOL 610-611	Bioinformatics & Biotechnology	3+1
ZOOL 612-613	Immunology & Economic Zoology	2+1
ZOOL 614-615	Special Paper-III	2+1
ZOOL 616-617	Special Paper-IV	3+1
ZOOL 618	Research Project/Comprehensive Viva Voce	3

*Odd numbered courses are Lab courses/Practicals

FACULTY OF
PHARMACY

The Department of Pharmacy established in 1974, was upgraded to the institute of Pharmacy in 1999 and became Faculty of Pharmacy on 2nd May 2005, constituting four Departments, i.e., Departments of Pharmaceutics, Pharmacology, Pharmaceutical Chemistry and Pharmacognosy. Later on the recommendation of Pharmacy Council of Pakistan and Higher Education Commission, Department of Pharmacy Practice is also established as fifth component Department in the Faculty of Pharmacy.

Earlier it offered courses leading to the degree of B. Pharmacy (4 years program). However from 2004 session, nomenclature of the degree is changed to doctor of Pharmacy (Pharm. D.) and it has been made five years (10-semester) degree program. Pharm. D. degree is offered jointly by five component departments. The Faculty also offers M.Phil./Ph.D. in the field of Pharmaceutics, and M.Phil in the field of Pharmacology. The faculty comprises of skilled professionals.

The Faculty has to date produced 2800 pharmacists out of whom more than 90% are working in different professional organizations of national and international repute. At present the faculty has on its role 1036 local students in both morning and evening batches and about 40 (both Male and Female) from more than 06 different countries, that give a look of international gathering.

Prof. Dr. Khalida Faryal Almani
Ph.D (SU)
Incharge Dean

The component departments are:

(1)   Department of Pharmaceutics
(2)   Department of Pharmacy Practice
(3)   Department of Pharmacology
(4)   Department of Pharmaceutical Chemistry
(5)   Department of Pharmacognosy

PROGRAMME

Doctor of Pharmacy (Pharm-D)

5 Years Degree Programme

Department of Pharmaceutics

The Department of Pharmaceutics was established in May 2005 with the up-gradation of the Institute of Pharmacy to "Faculty of Pharmacy". Prof. Dr. Abdullah Dayo was appointed as the first Chairman of the Department.

Mughal, Ubed Ur Rehman, **Professor & Chairman**
B.Pharm. (S. U) 1998, M.Phil. (S.U.) 2009, Ph.D. (S.U.) 2016

Suheryani, Imran, Associate Professor
B. Pharm (S. U) 2005, M.Phil. (H.U) 2013, Ph.D. (China) 2017

Rajput, Salman Ahmed, Assistant Professor
Pharm D (S. U) 2009, M.Phil. (S.U.) 2015

Qureshi, Ali, Assistant Professor
Pharm D (S. U) 2011, M.Phil. (S.U.) 2017

Umrani, Shoaib Muhammad, Lecturer
Pharm D (S. U) 2011, M.Phil. (S.U.) 2020

Rustmani, Fozia, Lecturer
Pharm D (S. U) 2011, M.Phil. (S.U.) 2019

Sabzoi, Waqar Ahmed, Lecturer
Pharm D (S. U) 2014, M.Phil. (S.U.) 2020

Department of Pharmaceutical Chemistry

The Department of Pharmaceutical was established in May 2005 with the up-gradation of the Institute of Pharmacy to "Faculty of Pharmacy".

Prof. Dr. Muhammad Usman Memon was appointed as the first Chairman of the Department.

Maheshwari, Madan Lal, **Assistant Professor** (On Study Leave)
B. Pham. (S. U) 1998, M.Phil. (S.U.) 2013

Qureshi, Yasmeen, Lecturer
Pharm D (S.U.) 2011

Khan, Tooba, Lecturer
Pharm D (S. U) 2012, M.Phil. (S.U.) 2018

Lakho, Saeed Ahmed, Lecturer
Pharm D (S.U.)

Department of Pharmacology

The Department of Pharmacology was established in May 2005 with the up-gradation of the Institute of Pharmacy to "Faculty of Pharmacy". Ms. Ozra Ahsan was appointed as the first Chairperson of the Department.

Panhwar, Fouzia, **Professor & Chairperson**
B.Pharm. 1993, M.Pharm. (S.U.) 1997, Ph. D (U.K) 2012

Khatri, Muhammad Akram, Associate Professor
B.Pharm. (S.U.) 2005, Ph. D. (South Korea) 2016

Memon, Mazhar Mustafa, Assistant Professor
B.Pharm. (S. U) 2002, M.Phil. (Q.U) 2012

Kumari, Geeta, Assistant Professor
Pharm.D (S.U.) 2009, Ph. D. (Singapore) 2017

Muhammad Aslam, Assistant Professor
Pharm.D (S. U) (FUUAST) 2008, M.Phil. (KU) 2013, Ph. D. (KU) 2016

Khokhar, Muhammad Ali, Lecturer
Pharm D (S.U.) 2008

Shah, Bibi Shah, Lecturer
Pharm D (S.U.)

Department of Pharmacognosy

The Department of Pharmacognosy was established in May 2005 with the up-gradation of the Institute of Pharmacy to "Faculty of Pharmacy".

Prof. Dr. Muhammad Usman Memon was appointed as the first Chairman of the Department.

Memon, Abdul Hakeem, Professor & Chairman
B. Pharm 2001, M.Phil. (S.U.) 2007, Ph. D. (Malaysia) 2016

Syed Ahmed Shah, Assistant Professor
B. Pharm 2006, Pharm.D (S.U.) (condensed Course 2008), Ph. D. (South Korea) 2016

Jamali, Jameela, Lecturer
Pharm D (S.U.) 2010

Department of Pharmacy Practice

The Department of Pharmacy Practice was established in May 2016.

Dr. Muhammmad Ali Ghoto was appointed as the First chairman of the Department.

Ghoto, Muhammad Ali, Professor & Chairman
B. Pharm (S.U.) 1999, MBA 2005, MA (S.U.) 2007, Ph.D. (S.U.) 2013

Arain, Mudassar Iqbal, Assistant Professor
Pharm D (S.U.) 2010, Ph.D. (S.U.) 2016

Mangi, Rabia Parveen, Assistant Professor
Pharm D (S.U.) 2011, Ph.D. (S.U.) 2019

Kumar, Narendar, Lecturer
Pharm D (S.U.) 2011

Nargis, Saharan, Lecturer
Pharm D (S.U.) 2016

DOCTOR OF PHARMACY (PHARM-D) MORNING & EVENING PROGRAMME

5 YEARS DEGREE PROGRAMME (10 SEMESTERS) CH-198

Pre-requisite: H.S.C.: Pre-Medical with at least **60%** aggregate score.

Curricula for this **5 Years Professional Degree** Programme, spread over TEN semesters, are organised as under:

A. General Requirements CH-11		C.H.
ENG 300-301	English	2+4
IS 302	Islamic Studies/ Ethics (for non-muslims)	3
PS 303	Pakistan Studies	2

B. Professional Requirements CH-187

FIRST YEAR

First Semester		C.H.
ENG 300	English-A (Functional English)	2
PHARM 310	Pharmaceutics-IA (Physical Pharmacy-I) Th.	3
PHARM 311	Pharmaceutics-IA (Physical Pharmacy-I) Lab	1
PHARM 312	Pharmaceutical Chemistry-IA(Organic) Th	3
PHARM 313	Pharmaceutical Chemistry-IA(Organic) Lab	1
PHARM 314	Pharmaceutical Chemistry-IIA (Biochemistry) Th	3
PHARM 315	Pharmaceutical Chemistry-IIA (Biochemistry) Lab	1
PHARM 316	Physiology-A Th	3
PHARM 317	Physiology-A Lab	1
PHARM 318	Anatomy & Histology Th	3
PHARM 319	Anatomy & Histology Lab	1

Second Semester		C.H.
ENG 301	English-B (Communication & Writing skills)	4
PHARM 320	Pharmaceutics-IB (Physical Pharmacy-II) Th	3

PHARM 321	Pharmaceutics-IB (Physical Pharmacy-II) Lab	1
PHARM 322	Pharmaceutical Chemistry-IB (Organic) Th	3
PHARM 323	Pharmaceutical Chemistry-IB (Organic)Lab	1
PHARM 324	Pharmaceutical Chemistry-IIB (Biochemistry) Th	3
PHARM 325	Pharmaceutical Chemistry-IIB (Biochemistry) Lab	1
PHARM 326	Physiology-B Th	3
PHARM 327	Physiology-B Lab	1

SECOND YEAR

Third Semester		C.H.
IS 402	Islamic Studies	3
PHARM 410	Pharmaceutics-II A (Dosage Form Science-I) Th	3
PHARM 411	Pharmaceutics-II A (Dosage Form Science-I) Lab	1
PHARM 412	Pharmaceutics-III A	
	(Pharmaceutical Microbiology & Immunology-I) Th	3
PHARM 413	Pharmaceutics-III A	
	(Pharmaceutical Microbiology & Immunology-I) Lab	1
PHARM 414	Pharmacology and Therapeutics-IA Th	3
PHARM 415	Pharmacology and Therapeutics-IA Lab	1
PHARM 416	Pharmacognosy-IA (Basic) Th	3
PHARM 417	Pharmacognosy-IA (Basic) Lab	1
PHARM 418	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3

Fourth Semester		C.H.
PS 403	Pakistan Studies	2
PHARM 420	Pharmaceutics-IIB (Dosage Form Science-II) Th	3
PHARM 421	Pharmaceutics-IIB (Dosage Form Science-II) Lab	1
	Pharmaceutics-IIIB	
	(Pharmaceutical Microbiology & Immunology-II) Th	3
PHARM 423	Pharmaceutics-IIIB	

	Pharmaceutical Microbiology & Immunology-II) Lab	1
PHARM 424	Pharmacology and Therapeutics-IB Th	3
PHARM 425	Pharmacology and Therapeutics-IB Lab	1
PHARM 426	Pharmacognosy-IB (Basic)Th	3
PHARM 427	Pharmacognosy-IB (Basic)Lab	1
PHARM 428	Pharmacy Practice-IB (Bio-statistics)	3

THIRD YEAR

Fifth Semester		C.H.
PHARM 510	Pharmacy Practice-IIA (Dispensing Pharmacy) Th	3
PHARM 511	Pharmacy Practice-IIA (Dispensing Pharmacy) Lab	1
PHARM 512	Pharmaceutical Chemistry-IIIA	
	(Pharmaceutical Analysis-I) Th	3
PHARM 513	Pharmaceutical Chemistry-IIIA	
	(Pharmaceutical Analysis-I) Lab	1
PHARM 514	Pharmacology and Therapeutics-IIA Th	3
PHARM 515	Pharmacology and Therapeutics-IIA Lab	1
PHARM 516	Pharmacognosy-IIA (Advanced) Th	3
PHARM 517	Pharmacognosy-IIA (Advanced) Lab	1
PHARM 518	Pathology Th	3
PHARM 519	Pathology Lab	1

Sixth Semester		C.H.
PHARM 520	Pharmacy Practice-IIB	
	(Community, Social & Administrative Pharmacy) Th	3
PHARM 522	Pharmaceutical Chemistry-IIIB	
	(Pharmaceutical Analysis-II) Th	3
PHARM 523	Pharmaceutical Chemistry-IIIB	
	(Pharmaceutical Analysis-II) Lab	1
PHARM 524	Pharmacology and Therapeutics-IIB Th	3

PHARM 525	Pharmacology and Therapeutics-IIB Lab	1
PHARM 526	Pharmacognosy-IIB (Advanced) Th	3
PHARM 527	Pharmacognosy-IIB (Advanced) Lab	1
	Pharmacy Practice-III	
	(Computer and its Applications in Pharmacy) Th	3
PHARM 529	Pharmacy Practice-III	
	(Computer and its Applications in Pharmacy) Lab	1

FOURTH YEAR

Seventh Semester		C.H.
PHARM 610	Pharmacy Practice-IVA (Hospital Pharmacy-I)	3
PHARM 612	Pharmacy Practice-VA (Clinical Pharmacy-I) Th	3
PHARM 613	Pharmacy Practice-VA (Clinical Pharmacy-I) Lab	1
PHARM 614	Pharmaceutics-IVA (Industrial Pharmacy-I) Th	3
PHARM 615	Pharmaceutics-IVA (Industrial Pharmacy-I) Lab	1
PHARM 616	Pharmaceutics-VA	
	(Biopharmaceutics & Pharmacokinetics-I) Th	3
PHARM 617	Pharmaceutics-VA	
	(Biopharmaceutics & Pharmacokinetics-I) Lab	1
PHARM 618	Pharmaceutics-VIA	
	(Pharmaceutical Quality Management-I) Th	3
PHARM 619	Pharmaceutics-VIA	
	(Pharmaceutical Quality Management-I) Lab	1

Eighth Semester		C.H.
PHARM 620	Pharmacy Practice-IVB (Hospital Pharmacy-II)	3
PHARM 622	Pharmacy Practice-VB (Clinical Pharmacy-II) Th	3
PHARM 623	Pharmacy Practice-VB (Clinical Pharmacy-II) Lab	1
PHARM 624	Pharmaceutics-IVB (Industrial Pharmacy-II) Th	3
PHARM 625	Pharmaceutics-IVB (Industrial Pharmacy-II) Lab	1
PHARM 626	Pharmaceutics-VB	

	(Biopharmaceutics & Pharmacokinetics-II) Th	3
PHARM 627	Pharmaceutics-VB	
	(Biopharmaceutics & Pharmacokinetics-II) Lab	1
PHARM 628	Pharmaceutics-VIB	
	(Pharmaceutical Quality Management-II) Th	3
PHARM 629	Pharmaceutics-VIB	
	(Pharmaceutical Quality Management-II) Lab	1

FIFTH YEAR

Ninth Semester		C.H.
PHARM 710	Pharmaceutics-VIIA Pharmaceutical Technology-I) Th	3
PHARM 711	Pharmaceutics-VIIA Pharmaceutical Technology-I) Lab	1
PHARM 712	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-I) Th	3
PHARM 713	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II) Lab	1
PHARM 714	Pharmacy Practice-VIIA (Forensic Pharmacy-I) Th	3
PHARM 716	Pharmacy Practice-VIIIA	
	(Pharmaceutical Management & Marketing-I) Th	3
PHARM 718	Pharmaceutical Chemistry-IVA (Medicinal Chemistry-I) Th	3
PHARM 719	Pharmaceutical Chemistry-IVA (Medicinal Chemistry-I) Lab	1

Tenth Semester		C.H.
PHARM 720	Pharmaceutics- VIIB (Pharmaceutical Technology-II) Th	3
PHARM 721	Pharmaceutics- VIIB (Pharmaceutical Technology-II) Lab	1
PHARM 722	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II) Th	3
PHARM 723	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II) Lab	1
PHARM 724	Pharmacy Practice-VIIB (Forensic Pharmacy-II) Th	3
PHARM 726	Pharmacy Practice-VIIIB	
	(Pharmaceutical Management & Marketing-II) Th	3
PHARM 728	Pharmaceutical Chemistry-IVB	
	(Medicinal Chemistry-II) Th	3
PHARM 729	Pharmaceutical Chemistry-IVB	
	(Medicinal Chemistry-II) Lab	1

FACULTY OF
SOCIAL SCIENCES

The Faculty of Social Sciences was established in 1989, following division of the former Faculty of Arts into present Faculties of Arts, Commerce & Business Administration, Education, Islamic Studies, Law & Social Sciences, with Prof. G.H. Khaskheli as the first Dean of the Faculty. This is the Second largest Faculty of the University. The Faculty has been actively involved with research. The journal of the Faculty of Social Sciences is a regular publication. The 3 years Honours degree programmes offered earlier by the Faculty have been changed to 4 years Bachelor degree programmes, effective from 2006 session. Two years, Master Degree programme is also continuing. Classes in all disciplines are held in the morning session, except for Public Administration, Crimimology and Media & Communication Studies where Evening programmes are also conducted.

Prof. Dr. Zareen Abbasi
Dean
Ph.D (KU)

CENTRE/INSTITUTE/DEPARTMENTS

01. Abida Taherani Sindh Development Study Centre
02. Institute of Gender Studies
03. Department of Economics
04. Department of General History
05. Department of International Relations
06. Department of Library and Info. Sci. & Archive St.
07. Department of Media & Commun. Studies
08. Department of Political Science
09. Department of Psychology
10. Department of Public Administration
11. Department of Sociology
12. Department of Social Work
13. Department of Criminology
14. Area Study Centre Far East
    & South East Asia (M.Phil/Ph.D)
15. Pakistan Study Centre
16. Centre for Rural Development Communication

PROGRAMMES

BS Criminology	BS Pakistan Studies
BS Economics	BS Public Administration
BS General History	BS Psychology
BS Gender Studies	BS Political Science
M.Sc Home Economics	BS Rural Development Communication
BS International Relations	BS Rural Development Studies
BS Library & Information Science	BS Social Work
BS Media & Communication Studies	BS Sociology

*Admission on district wise quota basis

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CENTRE FOR RURAL DEVELOPMENT COMMUNICATION

The Centre for Rural Development Communication (CRDC) is the premier institute of Rural Development Communication in Pakistan. It was established in the year 2002 with the mission to facilitate the proponents of rural development in their endeavor toward the socio-economic well-being of the rural masses by overcoming their information and communication problems and requirements.

The Centre, initially, has following objectives:

- Research on communication related problems and issues of rural areas.
- Training & capacity-building workshops/seminars on communication related problems/needs of organizations working for rural development.
- Extending institutional development expertise/services to rural organizations in planning, developing and implementing their communication strategies.
- Developing effective strategies and communication modules/charts for sustainable development; ensuring vital participation of the stakeholders.
- Creating linkages between public and civil society organizations, policymakers, donors and Programme managers of rural development.
- Since it's founding the CRDC has undertaken many training and research activities in collaboration with many international, national, provincial organizations and NGOs. Its academic Programmes including:
- Professional Diploma in Rural Development Communication
- Professional Diploma in Health Communication
- BS 4-year Programme in Development Communication

The teaching faculty comprises the following:

Memon, Bashir Ahmed, Professor and **Director**
MA (Mass Communication) (S.U.) 2000, Ph. D (U.K) 2011

Khuhro, Rashid Ali, Assistant Professor (Adhoc)
MA (Hons) Mass Communication (S.U.) 2007

Shaikh, Sara Rehman, Lecturer
MA (Mass Communication) (S.U.) 2002

BS (DEVELOPMENT COMMUNICATION): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136
Pre-requisite: H.S.C. or Equivalent, Pre-Entry Test.

FIRST YEAR

First Semester		*C.H.*
ENG 300	English	3
IS/ET 302	Islamic Studies/Ethics for Non Muslims	2
CS/STAT 306	Computer Skills/Statistics	3
DevCom 310	Introduction to Communication	4
	Minor-I	3
	Minor-II	3

Second Semester		*C.H.*
ENG 301	English	3
PS 303	Pakistan Studies	2
CS/STAT 308	Computer Skills/Statistics	3
DevCom 312	Introduction to Development Communication	4
321	Minor-I	3
331	Minor-II	3

SECOND YEAR

Third Semester		*C.H.*
ENG 400	English	3
S/U 402	Sindhi/Urdu	2
GS/GEO/CIV 406	General Mathematics/Geography/Civilization	3
DevCom 410	Mass Communication	4
	Minor-I	3
	Minor-II	3

Fourth Semester		*C.H.*
ENG 401	English	3
S/U 403	Sindhi/Urdu	2
RD/ENV/GSC408	Rural Development/Environmental Sciences/General Sciences	3
DevCom 412	Development Support Communication	4
	Minor-I	3
	Minor-II	3

THIRD YEAR

Fifth Semester		*C.H.*
DevCom 501	Rural Development in Pakistan	3
DevCom 502	Theories of Communication-I	3
DevCom 503	Mass Media & Society	3
DevCom 504	Community Media	3
DevCom 505	Media Writing	3

SixthSemester		*C.H.*
DevCom 551	Theories of Communication-II	3
DevCom 552	Mass Media Laws & Ethics	3
DevCom 553	Social Media	3
DevCom 554	ICTs for Development	3
DevCom 555	Research Methods-I	3

FOURTH YEAR

Seventh Semester		*C.H.*
DevCom 601	Research Methods-II	3
DevCom 602	Crisis Communication	3
DevCom 603	Strategic Communication	3
DevCom 604	Participatory Communication	3
DevCom 605	Social & Behavior Change Communication	3

Eighth Semester		*C.H.*
DevCom 651	Inter-Cultural Communication	3
DevCom 652	Health Communication	3
DevCom 653	Organizational Communication	3
DevCom 654	Environmental Communication	3
DevCom 655	Seminar in Development Communication	3
DevCom 656	Thesis & Viva Voce	4

PROFESSIONAL DIPLOMA IN RURAL DEVELOPMENT COMMUNICATION: 01 SEMESTER PROGRAMME CH-16

Pre-requisite: The Candidates with graduate (BA / BS / BE / MBBS / MBA / MPA) degree from HEC recognized universities may apply for admission. Relevant experience of writing in the field of health or participation in health relatd Programmes will be given preference in admission.

Semester Courses		*C.H.*
DHC 101	Development Communication	3
DHC 102	Understanding Rural Society	3
DHC 103	Mdia Workshop	5
DHC 104	Research Report	5

For more information, student may contact the Director CRDC.

PROFESSIONAL DIPLOMA IN HEALTH COMMUNICATION: 01 SEMESTER PROGRAMME CH-16

Pre-requisite: The Candidates with graduate degree in medical health, nursing, natural or social sciences from HEC recognized universities may apply for admission. Relevant experience of writing in the field of health or participation in health related Programmes will be given preference in admission.

Semester Courses		*C.H.*
DHC 101	Health Care Systems in Pakistan	3
DHC 102	Health Communications	3
DHC 103	Writing Health Matters	3
DHC 104	ICTs & Social Medial in Health	3
DHC 105	Health Communication Research	3

PAKISTAN STUDY CENTRE

INTRODUCATOIN

In exercise of the powers conferred by section 10 of the Centre of Excellence Act No. XXIV of 1974, the Pakistan Study Centre started functioning in 1974 under the supervision of The University of Sindh in accordance with the directives of the University Grants Commission [now Higher Education Commission (HEC) of Pakistan], Islamabad. Consequently, the Pakistan Study Centre Act No. XXVII of 1976 was passed by the National Assembly of Pakistan in 1976.

According to Section 6(1), the management, overall control and supervision of the affairs of the Pakistan Study Centre established in a University shall vest in a Board of Governors and the Vice Chancellor of the University, who shall also be its Chairman.

According to Section-4 of the Act of Pakistan Study Centre (Act No. XXVII of 1976) the objectives and functions of the Pakistan Study Centre are to:

a) *engage in the study of languages, literature, social structure, customs, attitudes and motivation, of the people of various regions of Pakistan;*

b) *establish under-graduate, graduate, post-graduate degrees and other Programmes in the relevant discipline in accordance with the standard and requirements of the University in which the Centre is established;*

c) *promote cooperation in inter-disciplinary relationship with other centres, teaching and research establishments;*

d) *arrange conferences, seminars and refresher courses for the development of teaching and research; and*

e) *promote teaching and research in particular subjects as assigned to it by the Federal Government in consultation with the University in which the Centre is established.*

MISSION STATEMENT

Pakistan Study Centre's mission is to work with strong commitment to advancement of knowledge through quality education and provision of advanced courses to the students wishing to develop their professional skills.

VISION STATEMENT

The Pakistan Study Centre also strives to improve its stature as an institution of broad based research. The Centre's aim is to further improve the quality of research through innovative ways of creating new knowledge for the benefit of society on local, regional, national and international level. It is putting forth the best of its efforts and potential to foster a culture of academic freedom and independent scholarship.

MANDATE

Pakistan Study Centre (PSC) is established under the Act of Parliament 1976 (Act No. XXVII of 1976). The Centre is engaged in the study of languages, literatures, social structures, customs, attitudes and motivation of people of various regions of Pakistan. PSC has established various degrees Programmes. It also collaborates with other research institution in the field of research. The Centre disseminates knowledge through conferences, seminars and workshops for the benefit of academic community.

The teaching faculty comprises of the following:

Mahesar, Shuja Ahmed, Professor and Director and HEC approved Supervisor & Editor Biannual Research Journal *Grassroots* and *Research Journal of Social Sciences*
M.Sc. (QAU) 2001, Ph.D. (University of London, UK) 2012

Khowaja, Mashooq Ali, Assistant Professor
MA (SU) 1997, M.Phil. (QAU) 2002

Baloch, Farah,
MA (SU), Ph.D. (KU)

Burfat, Irshad Ali, Teaching Assistant
MA English (SU) 2008, MA (SU) 2015, M.Phil. (SU) 2020

Visiting Faculty

Khatwani, Mukesh Kumar
MA (SU), Ph.D. (UK)

Abbasi, Ishrat Afshan
MA (SU) 1999, M.Phil. (QAU) 2012, Ph.D. (Germany) 2018

Daudpoto, Muhammad Rafique
M.Sc. (SU) 1998, Ph.D. (SU) 2019

Sahito, Muhammad Shoban
MA (SU) 2003, Ph.D. (SU) 2021

Bhutto, Niaz Ahmed
MA (SU) 2010, Ph.D. (SU) 2019

Soomro, Muhammad Rafu
M.Sc. (SU)

Rahoojo, Saadullah
M.Sc. (SU) 2004

DEGREE PROGRAMMES OFFERED AT PSC

The centre offers various degree Programmes including BS (4 Year), M.A., M.Phil. and Ph.D. (Pakistan Studies). Thus Pakistan Study Centre, University of Sindh has a distinction of being only institution in the country which has launched BS Programme in Pakistan Studies.

BS (PAKISTAN STUDIES): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-130

Pre-requisite: Intermediate with 45% marks, Pre-Entry Test.

FIRST YEAR

First Semester		C.H.
PSC 300	English-I (Functional English)	3
PSC 301	Islamic Studies/Ethics	2
PSC 302	Basic Mathematics	3
PSC 303	Sindhi (General-I)	3
PSC 304	Muslim Struggle for Pakistan (1857-1947)	3
PSC 305	Geography of Pakistan	3

Second Semester		C.H.
PSC 306	English-II (Communication skills)	3
PSC 307	Computer Applications-I	2
PSC 308	Statistics Social Sciences	3
PSC 309	Economics	3
PSC 310	Political History of Pakistan (1947 to date)	3
PSC 311	Pakistani Society and Culture	3

SECOND YEAR

Third Semester		C.H.
PSC 400	English-III	3
PSC 401	Computer Applications-II	2
PSC 402	Land and Life in Sindh/ History of Sindh	3
PSC 403	Pakistani Society and Culture (Urban Life)	3
PSC 404	Economic Development of Pakistan	3
PSC 405	Pakistan's Foreign Policy	3

Fourth Semester		C.H.
PSC 406	Federation in Pakistan	3
PSC 407	Pakistani Languages and Literatures	3
PSC 408	Indus Valley Civilization	3
PSC 409	Local Self Government in Pakistan	3
PSC 410	Mass Media & Communication in Pakistan	3
PSC 411	Social Change and Development in Pakistan	3

THIRD YEAR

Fifth Semester		C.H.
PSC 500	Human Rights in Pakistan	3
PSC 501	Pakistani Languages and Literatures	3
PSC 502	Political Parties and Pressure Group	3
PSC 503	Legal System in Pakistan: Civil and Criminal	3
PSC 504	Water Resources and Immigration System	3

Sixth Semester		C.H.
PSC 505	Administrative System and Institutions	3
PSC 506	Pakistan: Government and Politics	3
PSC 507	Muslim Rule in Sub-continent (712-1526)	3
PSC 508	Research Methodology	3
PSC 509	Environmental Problems of Pakistan	3

FOURTH YEAR

Seventh Semester		C.H.
PSC 600	Seminar on an Issue of National Importance	3
PSC 601	Pakistan's National Security: External & Internal Dynamics	3
PSC 602	Research Methodology	3
PSC 603	Urbanization in Pakistan	3
PSC 604	Muslim Rule in Sub-continent (1526-1857)	3

Eighth Semester		C.H.
PSC 605	Research Project and Comprehensive Viva Voce	6
PSC 606	Land, People and Economy of Pakistan	3
PSC 607	Disaster Management in Pakistan	3
PSC 608	Mystical Folk Heritage of Pakistan	3

MA (PAKISTAN STUDIES): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-80

Pre-requisite: B.A./B. Com/B.Sc. from HEC recognized University/Institution at least C Grade or Second Division, Pre-Entry Test.

FIRST YEAR

First Semester		C.H.
PSC 500	Indus Valley Civilizations	4
PSC 501	Political and Constitutional Development in Pakistan (1947 - 1971)	4
PSC 502	Geography of Pakistan	4
PSC 503	Pakistani Society and Culture (Rural Life)	4
PSC 504	Legal System and Institutions	4

Second Semester		C.H.
PSC 505	Muslim Rule in India (712 to 1857)	4
PSC 506	Political & Constitutional Development in Pakistan (1971 to date)	4
PSC 507	Pakistani Society and Culture (Urban Life)	4
PSC 508	Administrative System and Institutions	4
PSC 509	Pakistani Languages and Literature	4

SECOND YEAR

First Semester		C.H.
PSC 600	Muslim Nationalism in South Asia (1857-1947)	4
PSC 601	Foreign Policy of Pakistan	4
PSC 602	Economic Development in Pakistan	4
PSC 603	Research Methodology	4

Elective Courses:

Students are required to opt **one course** from the following optional courses during 1st semester:

Elective Courses		C.H.
PSC 604	Mystical Heritage of Pakistan (Sufi Orders)	4
PSC 604	Environmental Problems of Pakistan	4
PSC 604	Social Change and Development in Pakistan	4

Second Semester		C.H.
PSC 605	Land and Life in Sindh	4
PSC 606	Human Rights in Pakistan	4
PSC 607	Economic Problems in Pakistan	4
PSC 608	Muslim Political Thinkers in South Asia	4

Elective Courses:

Students are required to opt **one course** from the following optional courses during Secondsemester:

Elctive Courses		C.H.
PSC 609	Bureaucracy, Military and Political System of Pakistan	4
PSC 609	Mystical Heritage of Pakistan (Sufi Poetry)	4
PSC 609	Term Paper	4

Note: Course outlines are available at the Pakistan Study Centre's website: www.pscsu.edu.pk

ABIDA TAHERANI SINDH DEVELOPMENT STUDIES CENTRE (ATSDSC)

Abida Taherani Sindh Development Studies Centre (ATSDSC) established in July 1985, provides undergraduate and postgraduate teaching in rural development economics and conducts socio-economics research and training on development-related issues, particularly in Sindh Province. Through collaborative research and training, ATSDSC maintains close links with several national and international research organizations. From 1991, it availed academic linkage with Wye College, University of London and benefited from exchange of teachers and training of staff. The Centre housed in its purpose- built building is equipped with State- of- Art resources, information unit, conference room, computer and audio- visual facilities. The Centre provides four categories of expert services, which include Graduate and Post-Graduate Degree Programmes, Academic Research Programmes, Applied Research and Information Sharing.

The Centre is offering M.Phil./Ph.D. in Development Studies and has produced 16 Ph.D. Scholars. At Present, 08 students are in Ph.D. and 31 students in M.Phil. are enrolled. ATSDSC has produced its eleventh batch of BS four years Programme in Rural Development since 2009; This is a unique opportunity for the students, interested in acquiring fundamental knowledge of rural development issues, particularly related to socio-economic aspects of rural and agriculture-based economies, in Pakistan and around the globe. The Programme mainly emphasizes on theoretical, analytical and policy perspectives pertaining to agriculture, livestock, irrigation, fisheries, forests, gender and institutional aspects necessary for rural development.

The teaching faculty comprises the following:

Mughal, Shahabuddin, Professor and **Director**
MA Economics (S.U.) 1987, LLB (S.U) 1989, PGD (University of London) 1992, Ph.D. (University of Sindh) 2014

Baloch, Zareen Khan Rind, Assistant Professor
MBA (S. U) 1989 & M.Sc. Agril.Eco. (University of London) 1994, Ph.D. (US) 2020

Talpur, Musharaf Ali, Assistant Professor
M.Sc. Econ. (Q.A.U.) 1994 & M.Sc. Agril.Econ. (University of London) 1998

Bughio, Raheel Maroof, Assistant Professor
M.Sc. Computer Tech. (S.U.) 1998 &. M.Sc. R.D (S.U.) 2002

Baghal, Ghazala, Assistant Professor
MA Economics (S.U.) 2006, Ph.D. (US) 2019

Nosheen Abdul Raheem, Lecturer
MA Economics (S.U.) 2005

Mughal, Shahzeb, Teaching Assistant
BS Rural Development (S.U) 2009, M.Phil. Development Studies (S.U) in Process

Jariko, Ghulam Ali, Visiting Professor
MA Eco. 1989, MPA 1987, M.Sc. Rural Dev. 1994 (S.U.), M.Sc. Agril. Econ (University of London) 1999 & Ph.D. (S.U.) 2012

Wagan, Shoib Ahmed, Visiting Faculty
M.Sc. (Hons.) Agricultural Economics (SAU), Ph.D. Regional Rural Planning 2019 (China)

Memon, Qurat-ul-Ain, Visiting Faculty
M.Sc. (Hons.) Agricultural Economics (SAU), Ph.D. Regional Rural Planning 2019 (China)

BS (RURAL DEVELOPMENT): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-143
Pre-requisite: - H.S.C. or equivalent with 45%, Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	SecondSemester		C.H.
ENG 300	English	3	ENG 301	English	3
IS 302	Islamic Studies or Ethics for Non-Muslims	2	PK 303	Pakistan Studies	2
			CS/STAT 308	Computer Skills/Statistics	3
CS/STAT 306	Computer Skills/Statistics	3	RD 312	Major - **Rural Change & Policy**	3
RD 310	Principles of Economics	3			
	Minor- I	3		Minor- I	3
	Minor- II	3		Minor- II	3

SECOND YEAR

First Semester		C.H.	SecondSemester		C.H.
ENG 400	English	3	ENG 401	English	3
SIND/URD/402	Sindhi / Urdu	2	SIND/URD 403	Sindhi / Urdu	2
GMATHS 408	General Mathematics/		ENVI/GSC 408	Environmental Science/	3
GEOG/	Geography/ Culture &			General Science	
CIVZ 406	Civilization –I	3	RD 411	Major - **Development**	3
RD 410	Development &	3		**Experience in Pakistan**	
	Sustainability			Minor- I	3
	Minor- I	3		Minor- II	3
	Minor- II	3			

THIRD YEAR

First Semester		C.H.	SecondSemester		C.H.
RD 501	Gender & Development	4	RD 551	Development Change &	4
RD 502	Small Project Design	4		NGO	
RD 503	New Institutional	4	RD 552	Micro Finance	4
	Economics		RD 553	Marketing System and	4
RD 504	Small Medium Enterprise	3		Development	
RD 505	Basic Statistics and	3	RD 554	Population, Health and	3
	Mathematics			Infrastructure	
			RD 555	Livestock Development	3

FOURTH YEAR

First Semester		C.H.	SecondSemester		C.H.
RD 601	Large Scale Project	4	RD 651	Water Policy	4
	Design		RD 652	Environmental Theory	4
RD 602	Local Government	4		& Policy	
	Devolution Plan		RD 653	Rural Poverty	4
RD 603	Natural Resources	4	RD 654	Financial Management	3
	Management			of Rural Enterprises	
RD 604	Agrarian Management	3	RD 655	Research/Technical Paper	3
RD 605	Research Methods	3			

M.Sc. (DEVELOPMENT STUDIES): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: Bachelor degree in Social Sciences. Preferably with Economics, with at least "C" Grade or Second Division (The Programme will only be offered when the number of registered candidates is at least 15).

A. *Core courses Requirements:*
M.Sc. (PREVIOUS)

		C.H.
DS 500	Micro Economics-I	
DS 501	Macro Economics-I	
DS 502	Basic Mathematics & Statistics	
DS 503	Development Economics	
DS 504	Micro Economics-II	
DS 505	Macro Economics-II	
DS 506	Basic Econometrics	

M.Sc. (FINAL)

		C.H.
DS 600	Project Planning Monitoring & Evaluation	
DS 601	Research Methodology	
DS 602	Environmental Business in Development	
DS 603	Agricultural Marketing	
DS 620	Comprehensive Viva-Voce	

B. (i) *Elective Courses Requirements*:

Any **ONE** course to be offered during First & Second Semester

		C.H.
DS 507	Agricultural Economics for Development	
DS 508	Production Economics	
DS 509	Computer Concepts & Application in Development	

ii) *Elective Courses Requirements in Final year*:

Any **FOUR** courses to be offered

		C.H.
DS 604	Human Resource Development	
DS 605	Gender Relations & Agrarian Change	
DS 606	Economic Development in Pakistan	
DS 607	Economics of Water Resources	
DS 608	Development Policy of Pakistan	
DS 609	Natural Resources Economics	

M.Sc. (RURAL DEVELOPMENT): 2 YEARS DISTANCE LEARNING OFF-CAMPUS DEGREE PROGRAMME CH-66

Pre-requisite: - M.A. in Social Sciences or B.E. / B.Sc. Agri./ MBBS/DVM/BS four-year degree in related discipline.

The two year Programme is designed to develop professional skills in the field of Social and Economic Development, particularly in rural areas. Interested candidates may contact the Director of the Centre for details.

FIRST YEAR

		C.H.
RD-701	Agricultural Economics for Development (Compulsory)	
RD-702	Project Planning, Monitoring and Evaluation (Compulsory)	
RD-703	Economics of Water Resources (Compulsory)	
RD-704	Gender Relations and Rural Change (Optional-1)	
RD-705	Business Management for Agricultural Enterprises (Optional-2)	
RD-706	Managing Agricultural Development (Optional-3)	

SECOND YEAR

		C.H.
RD-707	Economic and Social Survey Methods and Data Analysis (Compulsory)	
RD-708	Environmental Management in Agricultural Development (Compulsory)	
RD-709	Thesis/Dissertation (Compulsory)	
RD-710	NGO and Development (Optional-1)	
RD-711	Livestock Development (Optional-2)	
RD-712	Policy Analysis for Agricultural Sector (Optional-3)	

INSTITUTE OF GENDER STUDIES

The Institute of Gender Studies, University of Sindh, Jamshoro was established by the University of Sindh, in 1994, since that day, it has contributed to the cause of gender and development in Sindh province. The Institute has launched postgraduate academic Programmes in Women Studies, Gender Studies and Home Economics and have organised several continuing educational Programmes at Jamshoro, Hyderabad as well as in rural areas for the training and capacity building of various clientele groups including women, academic administrative staff, political leadership and gender and development professionals. Apart from this, the Institute has started classes for postgraduate diploma in Community Development from 2005. Since 2009, the Institute of Gender Studies produces an Annual Research Journal "*THE WOMEN*" (Recognized by Higher Education Commission Islamabad).

In addition, "Women Studies and Gender Studies I and II" are also being offered as Minor subjects for students of other disciplines in Social Sciences and various Programmes of short certificate courses have been introduced in this institute. Moreover, The Institute has also started two new Programmes, BS 4 Year Degree and MS/M.Phil. Degree in Gender Studies from 2014, and started (Ph.D.) Degree in Gender Studies from 2016.

The teaching faculty comprises the following:

Qureshi, Misbah Bibi, Professor and **Director**
M.Sc. Psyschology (S.U) 1995, M.Phil. Psyschology (S.U.) 2000, MA (Gender Studies) (Leeds, England) 2004 and Ph.D. (Gender Studies) (Leeds, England) 2012

Buriro, Ameer Ali, Assistant Professor
MA (Social Work) (S.U.)2004, Ph.D. Gender Studies (USM, Malaysia) 2020

Gopang, Najma, Lecturer
MA Economics (S. U) 2000, Diploma in Gender Studies (AIOU) 2006, Ph.D. (Gender Studies) (in progress)

Soomro, Sadaf Saeed, Lecturer
M.Sc. Home Economics (S. U) 2006, Ph.D. (Gender Studies) (in progress)

Rajar, Aftab Hussain, Lecturer
MBA Human Resource (S.U.) 2002, Ph.D. (Gender Studies) (in progress)

Soomro, Junaid Razzaque, Teaching Assistant
M.Sc. International Relation (Q.U.I) 2013, M.Phil. (Gender Studies) (in progress)

BS (GENDER STUDIES): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-134

Pre-requisite: - H.S.C. or equivalent. Pre Entry Test at least 45% Marks.

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 300	English	3	ENG 301	English	3
IS 302	Islamic Studies / Ethics for Non- Muslims	2	PS 303	Pakistan Studies	2
COMP/ STAT 306	Computer Skills/ Statistics	3	COMP/ STAT 308	Computer Skills/ Statistics	3
GS 310	Introduction to Gender Studies	3	GS 312	Women in Islam and the Contemporary World	3
	Minor-I	3		Minor-I	3
	Minor-II	3		Minor-II	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENG 400	English	3	ENG 401	English	3
SIND/URD 402	Sindhi/Urdu	2	SIND/URD 403	Sindhi/Urdu	2
GEOG/CIV 406	Geography/ Culture Civilization	3	RD/GES/ENVI 408	Rural Development/ General Science/Environmntal Science	3
GS 410	Gender & Education	3	GS 412	Violence against Women / Gender	3
	Minor-I	3		Minor-I	3
	Minor-II	3		Minor-II	3

THIRD YEAR

Fifth Semester		C.H.
GS 501	Feminist Research	3
GS 502	Gender issues in Psychology	3
GS 503	Women's History in South Asia	3
GS 504	Women and Feminist Movements	3
GS 505	Status of Women in Pakistan	3

Sixth Semester		C.H.
GS 551	Women & Economic Empowerment	3
GS 552	Women and Health in the context of Pakistan	3
GS 553	Internship in Gender Studies	3
GS 554	Social Construct of Masculinities	3
GS 555	Gender, Islamic Laws & Human Rights	3

FOURTH YEAR

Seventh Semester		C.H.
GS 601	Gender and Environment	3
GS 602	Women and Work	3
GS 603	Gender, Sexuality and Society	3
GS 604	Women & Peace Building	3
GS 605	Counseling for women in Distress	3

Eighth Semester		C.H.
GS 651	Gender and Development	3
GS 652	Feminist theories and Research	3
GS 653	Gender and Politics	3
GS 654	Research Project	6
GS 655	Women Technology & Entrepreneurship	3
GS 660	General Viva-Voce (Compulsory)	3

M.Sc. (HOME ECONOMICS): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: - B.Sc. Home Economics

FIRST YEAR (PREVIOUS)

First Semester		C.H.
MHE 502	Statistics-I	3
MHE 504	Research Methods-I	3
MHE 506-507	Advanced Nutrition-I (**Specialization in Food and Nutrition**)	2+1
MHE 508-509	Biochemistry-I (**Specialization in Food and Nutrition**)	2+1
MHE 510-11	Food Microbiology-I(**Specialization in Food and Nutrition**)	2+1

Second Semester		C.H.
MHE 512	Statistics-II	3
MHE 514	Research Methods-II	3
MHE 516-517	Advanced Nutrition-II (**Specialization in Food and Nutrition**)	2+1
MHE 518-519	Biochemistry-II (**Specialization in Food and Nutrition**)	2+1
MHE 520-521	Food Microbiology-II (**Specialization in Food and Nutrition**)	2+1

SECOND YEAR (FINAL)

Third Semester		C.H.
MHE 602-603	Home Economics Education-I (**Specialization in Food and Nutrition**)	3+1
MHE 604-605	Advanced Dietetics-I (**Specialization in Food and Nutrition**)	3+1
MHE 606-607	Food Technology-I (**Specialization in Food and Nutrition**)	3+1
MHE 608	Economic System of Islam	4

Fourth Semester		C.H.
MHE 620-621	Home Economics Education-II **(Specialization in Food and Nutrition)**	3+1
MHE 622-623	Advanced Dietetics-II **(Specialization in Food and Nutrition)**	3+1
MHE 624-625	Food Technology-II **(Specialization in Food and Nutrition)**	3+1
MHE 626	Institutional Management	4
MHE 630	Project & Comprehensive Viva- Voce **(Specialization in Food and Nutrition)**	4

MA (WOMEN DEVELOPEMENT STUDIES): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: - Bachelor Degree in any discipline preferably in Social Sciences

FIRST YEAR (Previous)

First Semester		C.H.
WS 501	Introduction to Women Studies	3
WS 502	Feminist Research-I	3
WS 503	Women's History in South Asia	3
WS 504	Social Contract of Gender	3
WS 505	Gender & Development International Strategies	3

Second Semester		C.H.
WS 506	Women's Movement in Global Perspective	3
WS 507	Feminism Research- II	3
WS 508	Women in Islam	3
WS 509	Gender & Development Planning in Pakistan	3
WS 510	Women & Development in Third World Countries	3

SECOND YEAR (Final)

Third Semester		C.H.
WS 600	Women & Law in Pakistan-I	4
WS 601	Women & Environment	4
WS 602	Women & Media	4
WS 603	Women & Health	4

Fourth Semester		C.H.
WS 604	Women & Law in Pakistan-II	4
WS 605	Women, Technology & Entrepreneurship	4
WS 606	Women & Media-II	4
WS 607	Women & Work	4
WS 630	Thesis & Comprehensive Viva- Voce	4

DEPARTMENT OF ECONOMICS

Economics is concerned with the way individuals or societies allocate scarce resources and distribute goods and services. Any situation requiring choice among competing alternatives can be viewed as an economic problem. Economics courses enable students to study the way individuals make these choices (microeconomics), the way governments make these choices (public choice), and the aggregate consequences of these choices (macroeconomics). In addition, the Economics curriculum addresses international trade, money and banking, and economic development of the less developed nations.

The Department of Economics is one of the oldest Departments of the University; it was established in the year 1953-54 and recognized nationwide for its importance in the teaching excellence and prospective research activities. The department of Economics is largest one in the faculty of Social Sciences in terms of students' enrollment which stands close to 660. At present department consists of 15 faculty members and most of them have to their credit education and training from reputed Universities of Pakistan as well as from abroad.

The Department offers BS 4 year Programme in economics and 2 year masters in economics.

An important aspect of the department's educational approach is the emphasis placed on students' involvement in research, independent study and the creative process as complements to classroom study as well as independent research in laboratories, field study, participation in writing workshops. The Department integrates into the curriculum Programmes and courses which involve students in original research and creative activities.

The different Programmes and courses of Economics aim to:

- Introduce the students to an understanding of the domain of economics as a social theory.
- Introduce the students to the main analytical tools which are used in economic analysis.
- To introduce to students, the main conclusions derived from economic analysis and to develop understanding of their organizational and policy implications.
- To enable students in participating in debates on economics matters.

Seminar Library and Electronic study materials:

All of the printed materials of economics are available at seminar library Department of Economics, also there is a computer lab where all the resources are available to download related materials, to give you flexibility in how and where you study total number of books of seminar library Department of Economics are approximately 8500.

The Faculty

Faculty members in the Department of Economics have research and teaching interests that span a broad range of fields. In addition to their strength in micro theory, macroeconomics and econometrics, the Department has expertise in many applied fields, including economic history, industrial organization, international economics, labor economics, public choice and public finance, transportation economics and urban economics. Members of the Department maintain close ties with members of the Department of Political Science the Departments of Statistics and The Business Faculty.

The teaching faculty comprises the following:

Chandio, Rafique Ahmed, Professor and **Chairman**
MA (S.U.) 1994, Ph.D. (London, UK) 2006

Khaskhelly, Ambreen Zeb, Professor
M.Sc. (S.U.) 1999, MA (S.U.). 2002, M.Sc. (RD) 2003, Ph.D. (SU) 2013

Nanik Ram, Professor
MA (S.U.) 1989, M.Phil. (SALU) 2002, Ph.D. (SALU)2010

Mirza, Albeena, Professor
MA (S.U.) 1989, Ph.D. (SU) 2016

Shaikh, Najma, Professor
MA (S.U.) 1989, Ph.D. (SU) 2016

Gilal, Muhammad Akram, Associate Professor
M.Sc. (QAU) 2000, Ph.D. (Glasgow University, UK) 2012

Shaikh, Erum Khushnood, Associate Professor
MA (S.U.) 1999, Ph.D. (S.U.) 2015

Pirzada, Imtiaz Ahmed, Assistant Professor
M.Sc. (QAU) 1987, Ph.D. (SALU) 2018

Soomro, Sikandar Hussain, Assistant Professor
MA (S.U.) 1995

Talpur, Urooj, Assistant Professor
MA (S.U.) 2000, Ph.D. (S.U.) 2019

Khowaja, Imdad Ali, Assistant Professor
MA (S. U) 1989, M.B. A 1994, M.Phil. (S.U.) 2005, Ph.D. (S.U.)2012

Pasha, Muhammad Ali, Assistant Professor
MA (SU) 2006, Ph.D. (SALU, Khairpur) 2018

Bhutto, Mehwish, Assistant Professor
MA (SU) 2008

Khushik, Ali Gul, Assistant Professor
M.Sc. (Q.A.U) 2002, Ph.D. (S.U.) 2017

Nizamani, Abdul Rahman, Assistant Professor
MA (SU) 2009, Ph.D. (Malaysia) 2018

BS (ECONOMICS): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-130

Pre-requisite: H.S.C. with Science/ Commerce OR Humanities group, with Economics & Pre-Entry Test.

FIRST YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
ECO 101	English - I	3	ECO 107	English - II	3
ECO 102	Principles of Micro Economics	3	ECO 108	Principles of Micro Economics	3
ECO 103	Islamic Studies	2	ECO 109	Pakistan Studies	2
ECO 104	Mathematics - I	3	ECO 110	Mathematics - II	3
ECO 105	Introduction to Computer	3	ECO 111	Optional (Non-Economics)	3
ECO 106	Optional (Non-Economics)	3	ECO 112	Optional (Non-Economics)	3

SECOND YEAR

Third Semester		*C.H.*	*Fourth Semester*		*C.H.*
ECO 201	English - III	3	ECO 207	English - IV	3
ECO 202	Intermediate of Microeconomics	3	ECO 208	Intermediate of Microeconomics	3
ECO 203	Development Economics	3	ECO 209	Statistics - II	3
ECO 204	Statistics - I	3	ECO 210	World Economic History	3
ECO 205	Optional (Non-Economics)	3	ECO 211	Optional (Non-Economics)	3
ECO 206	Optional (Non-Economics)	3	ECO 212	Optional (Non-Economics)	3

THIRD YEAR

Fifth Semester		*C.H.*	*Sixth Semester*		*C.H.*
ECO 301	Microeconomics	3	ECO 306	Economic Growth	3
ECO 302	Macroeconomics	3	ECO 307	Econometrics - I	3

ECO 303	Mathematical Economics - I	3	ECO 308	Mathematical Economics - II	3
ECO 304	Issues in Pak Economy	3	ECO 309	Elective - I	3
ECO 305	Optional (Non-Economics)	3	ECO 310	Elective - II	3

FOURTH YEAR

Seventh Semester		C.H.	Eighth Semester		C.H.
ECON 401	International Trade Theory	3	ECON 406	Entrepreneurial Economics	3
ECON 402	Research Methods	3	ECON 407	Entrepreneurial Economics	3
ECON 403	Public Sector Economics	3	ECON 408	Monetary Economics	3
ECON 404	Econometrics - II	3	ECON 409	Elective - IV	3
ECON 405	Elective - III	3	ECON 410	Elective - V	3

List of Elective Courses

01.	Research Project / Internship	02.	Institutional Economics
03.	Welfare and Happiness Economics	04.	Labour Economics
05.	Population Economics	06.	Comparative Economics System
07.	Project Appraisal and Investment Analysis	08.	Environmental & Natural Resource Economics
09.	Dynamic Macro Economics	10.	Public Policies
11.	Rural Development	12.	Ethics in Economics
13.	International Finance	14.	Development Policy
15.	Institutional Economics	16.	Financial Markets
17.	Managerial Economics	18.	Political Economy
19.	Industrial Economics	20.	Transport Economics
21.	Health Economics	22.	Experimental and Behavioural Economics
23.	Urban Economics	24.	Regional Economics
25.	Poverty and Economic Distribution	26.	Energy Economics
27.	Economics of Educations	28.	Agricultural Economics

MA (ECONOMICS): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-57

Pre-requisite: Bachelor (Pass) degree preferably with Economics as one of the elective subjects. Pre-Entry Test

MA (PREVIOUS)

FIRST & SECOND SEMESTER		C.H.
ECO 500-550	Advanced Micro Economics	3+3
ECO 501-551	Advanced Macro Economics	3+3
ECO 502-552	International Economics	3+3
ECO 503-553	Economic Statistics	3+3
ECO 504-554	MonetaryEconomics& Public Finance-I & II	3+3

MA (FINAL)

FIRST & SECOND SEMESTER		C.H.
ECO 600-650	Mathematical Statistics	3+3
ECO 601	Economic Development and Planning	3
ECO 602	Marketing	3
ECO 603	History of Economic Thought	3
ECO 651	Managerial Economics	3
ECO 652	Agricultural Economics	3
ECO 653	Research Methodology	3
ECO 655	Comprehensive Viva-Voce	3

DEPARTMENT OF HISTORY

The Department of History is one of the oldest Departments of the University of Sindh. Initially this department was spatiallyattached with the Department of Economics and then with the Department of Political Science. It however, gained its independent status in February 1959. In September 1971 the Departments of General History and Muslim History were merged under the name of History. Again in 1978 it was bifurcated into General History and Muslim History. The curricula of General History have been revised and updated from time to time. The Department offers twenty-six courses for the 4-year BS degree Programme, providing advanced and upto-date knowledge of Historiography & Research Methodology, Muslim Rule in South Asia, History of Modern Europe, History of Modern Muslim World, and the History of Pakistan, particularly Sindh. This department has also started M.Phil. Programme. The students of this Department under the guidance of their teachers have formed "Historians Forum". The forum provides opportunity of debates and discussion on important topics.

The teaching faculty comprises the following: -

Shaikh, Irfan Ahmed, Assistant Professor & **Incharge Chairman**
M.Sc. History (QAU) 1997, Ph.D. in History and Civilization (International Islamic University, Malaysia) 2017

Khatti, Deedar Hussain, Assistant Professor
MA History (S.U.)1996

Rehana Kausar, Lecturer
MA History (KU) 2001

Jatoi, Bashir Ahmed, Lecturer
M.Sc. History (QAU)2007, M.Phil.(QAU) 2014

Khan, Shafique Ahmed, Teaching Assistant
M.Sc. History (QAU) 2011, M.Phil. (QAU) 2016

Veesar, Koyal, Teaching Assistant
M.Sc. History (QAU) 2014

BS (GENERAL HISTORY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-133
Pre-requisite: H.S.C. or equivalent. Pre-Entry Test

FIRST YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
ENG 300	English	3	ENG 301	English	3
IS/ ET 302	Islamic Studies/Ethics for Non- Muslims	2	PS 303	Pakistan Studies	2
CS/STAT 306	Computer Skills/Statistics	3	CS/STAT 308	Computer Skills/ Statistics	3
GH 310	History of Muslim Rule in South Asia (711-1526)	4	GH 312	History of Muslim Rule in South Asia (1526-1707)	3
GH 350	Minor-I	3	351	Minor-I	3
GH 350	Minor-II	3	351	Minor-II	3

SECOND YEAR

Third Semester		*C.H.*	*Fourth Semester*		*C.H.*
ENG 400	English	3	ENG 401	English	3
SIND/URD 402	Sindhi /Urdu	2	SIND/URD 403	Sindhi /Urdu	2
GS/GEOG/ CIV406	General Mathematics/ Geography/Civilization	3	RD/ENVI/ GSC 408	Rural Development/ Environmental Science/ General Science	3
GH 410	History of Europe (1453-1789)	4			
GH 450	Minor-I	3	GH 412	History of Europe (1789-1870)	4
GH 450	Minor-II	3	GH 451	Minor-I	3
			GH 451	Minor-II	3

THIRD YEAR

Fifth Semester		*C.H.*
GH 500	Research Methodology	3
GH 502	An outline of the World History (From Earliest Times up to the beginning of the Middle ages)	3
GH 504	History of Europe (1870-1919)	3
GH 506	History of Muslim Rule in South Asia (Socio-Economic History,1206-1707)	3
GH 508	History of Sindh (Ancient times to Sammas)	3

Sixth Semester		C.H.
GH 501	Philosophy of History and Historiography	3
GH 503	An outline of the World History (Middle ages to Modern World)	3
GH 505	History of Europe (1919-1945)	3
GH 507	History of Muslim Rule in South Asia (1707-1857)	3
GH 509	History of Sindh (Arghuns to Talpurs)	3

FOURTH YEAR

Seventh Semester		C.H.
GH 612	Ancient History of India (Aryans to Greek Invasions)	3
GH 614	History of British Rule in India (1757-1857)	3
GH 616	History of Modern Sindh (1843-1900)	3
GH 618	History of Freedom Movement (1857-1906)	3
GH 620	An Introduction to Archaeology of Sindh	3

Eighth Semester		C.H.
GH 613	Ancient History of India (Mauriya Empire to Gupta Kingdom)	3
GH 615	History of British Rule in India (1857-1947)	3
GH 617	History of Modern Sindh (1900-1947)	3
GH 619	History of Freedom Movement (1906-1947)	3
GH 622	Research Project & Viva Voce	6

MA (GENERAL HISTORY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: Bachelor (Pass) degree, preferably with General History as one of the elective subjects. Pre-Entry Test

		C.H.
GH 500-501	Philosophy of History (Research Methodology, Historiography)	4+4
GH 502-503	An outline of the World History	3+3
GH 504-505	History of Europe	3+3
GH 506-507	History of Sindh	3+3
GH 508-509	History of Muslim Rule in South Asia (712- 1526 A.D.)	3+3
GH 600-601	History of Modern Sindh 1843-1947	4+4
GH 602-603	History of Modern Europe 1878-1960 A.D.	4+4
GH 604-605	History of Modern Muslim World 1919-1962	4+4
GH 606-607	History of Muslim Rule in South Asia 1526- 1857 A.D.	4+4
GH 610	Comprehensive Viva-Voce	2

DEPARTMENT OF INTERNATIONAL RELATIONS

The Department of Media and Communication Studies was founded in 1977 as the Department of Journalism. Then it was renamed as the Department of Mass Communication in 1985. However, considering the latest job-market requirements, this department was again renamed as "THE DEPARTMENT OF MEDIA AND COMMUNICATION STUDIES" in the year 2013. It trains students for career in the fields of communication and journalism offering 4-year BS and 2-year Master of Arts (MA) degree Programmes in Media and Communication Studies. The courses of both Programmes have been designed to provide professional education with theory-cum-research and practice oriented approach in every day life like situation and meet the needs of the job-market and professional fields i.e., print media, electronic media, journalism, advertising, public relations and development support communication.

The Department has a well stocked seminar library with a fine collection of more than 3500 latest books, periodicals and also has two well-equipped media laboratories, comprising sufficient number of computers, well-established TV Studio, video cameras, editing processors, tape recorders, multimedia projectors and laser printers etc.

Moreover, to train the students to be media practitioners, this department publishes two publications i.e weekly newspaper "Roshni" and monthly magazine "Shaoor", both tri-lingual (English, Sindh and Urdu). Therefore, the students are required to report and write news stories, columns, articles and features for weekly newspaper 'Roshni and monthly magazine 'Shaoor'. Additionally, under these Programmes students are treated as student *journalists* who would one day be called upon to accept the responsibilities for administrative or supervisory positions in national and international media organizations.

The teaching faculty comprises the following:

Qureshi, Zulfiqar Ali, Associate Professor and **Chairman**
MA Mass Communication (S.U.) 1989

Memon, Bashir Ahmed, Professor
MA Mass Communication (S.U.) 2000, Ph.D. (UK) 2011

Nizamani, Muhammad Qasim, Assistant Professor
MA Mass Communication (S.U.) 2002

Soomro, Muhammad Siddique, Assistant Professor
MA Mass Communication (S.U.) 2002

Chhachhar, Abdul Razaque, Assistant Professor
MA Mass Communication (S.U.) 2003, MS (Malaysia) 2014, Ph.D. (China) 2017

Shaikh, Shazia Shahab, Assistant Professor
MA Mass Communication (S.U.) 2004, Ph.D. (KU) 2017

Memon, Farheen Ashfaque, Assistant Professor
MA Mass Communication (S.U.) 2005, Ph.D. (Malaysia) 2018

Pahore, Muhammad Ramzan, Assistant Professor
MA Journalism (SALU) 2006, Ph.D. (Malaysia) 2019

Umrani, Liaquat Ali, Lecturer
MA Mass Communication (S.U.) 2005, M.Phil. (S.U.) 2019

Solangi, Jaane Alam, Lecturer
MA Mass Communication (S. U) 2005, M.Phil. (S.U.) 2017

Shahani, Yusra, Lecturer
MA Mass Communication (S.U.) 2012

BS (INTERNATIONAL RELATIONS): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-147

Pre-requisite: H.S.C. or equivalent and Pre-Entry Test

FIRST YEAR

First Semester		C.H.
ENG 300	English	3
IS/ET 302	Islamic Studies/Ethics for Non- Muslims	2
CS/STAT 306	Computer Skills/Statistics	3
IR 310	International Relations	4
	Minor-I	3
	Minor-II	3

Second Semester		C.H.
ENG 301	English	3
PS 303	Pakistan Studies	2
CS/STAT 308	Computer Skills/ Statistics	3
IR 312	International Relations	3
	Minor-I	3
	Minor-II	3

SECOND YEAR

Third Semester		C.H.
ENG 400	English	3
SIND/URD 402	Sindhi /Urdu	2
GS/GEOG/CIV406	General Mathematics/ Geography/ Civilization	3
IR 410	Diplomatic History of Int'l. Relations 1789-1918 - I	3
	Minor-I	3
	Minor-II	3

Fourth Semester		C.H.
ENG 401	English	3
SIND/URD 403	Sindhi/Urdu	2
RD/GS/ENVI 408	Rural Development/General Science/Environmental Science	3
IR 412	Diplomatic History of Int'l.Relations 1789-1918-II	4
	Minor-I	3
	Minor-II	3

THIRD YEAR

Fifth Semester		C.H.
IR 501	Concepts and Principles of Int'l. Relations-I	4
IR 502	International Institutions	3
IR 503	International Political Economy-I	4
IR 504	Foreign Policy Analysis	3
IR 505	Diplomatic History of Int'l. Relations (1918 - 1945)	4

Sixth Semester		C.H.
IR 551	Concepts and Principles of Int'l. Relations-II	4
IR 552-A	International Humanitarian Law**OR**	3
IR 552-B	Human Rights in Int'l. Relations	3
IR 553	International Political Economy-II	4
IR 554	Foreign Policy of Pakistan	3
IR 555	Research Methodology	4

FOURTH YEAR

Seventh Semester		C.H.
IR 601	Peace Studies	4
IR 602	Diplomacy and Statecraft-I	4

IR 603	Area Studies-I	3
IR 604	Fundamentals of Political Geography	4
IR 605	Ideologies and Ideological Movements in 20th Century-I	3

Eighth Semester		C.H.
IR 651	Conflict Resolution: Theory and Practice	4
IR 652	Diplomacy and Statecraft –II	3
IR 653	Area Studies-II	3
IR 654	The Study of Comparative Politics	4
IR 655	Ideologies and Ideological Movements in 20thCentury-II	3
IR 660	Comprehensive Viva Voce	3

MA (INTERNATIONAL RELATIONS): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: Bachelor (Pass) degree, preferably with International Relations as one of the elective subjects, Pre-Entry Test.

IR 501-551	Concept & Principles of International Relations	3+3
IR 502-552	International Institutions	3
	International Humanitarian Law	3
	OR	
IR 556	Human Rights in International Relations	3
IR 503-553	International Political Economy	3+3
IR 504	Foreign Policy Analysis	3
IR 554	Foreign Policy of Pakistan	3
IR 505	Diplomatic History of International Relations (1914-1945)	4
IR 555	Research Methodology in International Relations	4
IR 601-651	Defence& Strategic Studies	4+4
IR 602-652	International Law	4+4
IR 603-653	International Relations since 1945	4+4
IR 604-654	Area Studies	4+4
IR 660	Comprehensive Viva-Voce	2

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE & ARCHIVE STUDIES

The Department of *Library* and Information Science and Archive Studies, University of Sindh, Jamshoro is the third oldest institution imparting Library and Information Science education in Pakistan. It was established in 1965 with the Certificate Course, which in 1966 was upgraded to Diploma Course (undergraduate level). These courses in fact gave great impetus to the introduction of Postgraduate Diploma in Library and Information Science in 1970 and finally Master in Library science in 1974. This Department is also offered as an optional/minor subject of Library Science at the undergraduate level. The BS (4-Year) PROGRAMME in Library and Information Science was introduced from the Academic Session 2014. The Department launched M.Phil. and Ph.D. Programme in 2007

The teaching faculty comprises of the following: -

Subhopoto Nisar Ahmed, Professor & **Chairman**
M.L.I.S. 1990, Ph.D. 2006 (S.U.)

Bhatti Arif Ali, Assistant Professor
M.L.I.S. 2004 (S.U.)

BS (LIBRARY AND INFORMATION SCIENCE): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-131
Pre-requisite: H.S.C or equivalent, Pre-Entry Test.

FIRST YEAR

First Semester		C.H.	SecondSemester		C.H.
ENG 300	English	3	ENG 301	English-II	3
PK 302	Pakistan Studies	2	IS 303	Islamic Studies / Ethics	2
CS 304	Introduction to Computer	3	MATH 305	Mathematics	3
PD 306	Minor- I (Personality Development)	3	ECON 307	Minor- III (Economics)	3
			GEOG 309	Minor- IV (Environmental	3
AR 350	Minor- II (Languages: Arabic / Persian)	3		Geography)	
LIS 311	Information, Library & Society	3	LIS 321	Evolution of Libraries & Information Sources	3

SECOND YEAR

First Semester		C.H.	SecondSemester		C.H.
ENG 400	English-III	3	ENG 401	English-IV (Grammar)	3
STAT 402	Basic Statistics	3	SOC 405	Minor- VII (Sociology)	3
MC 403	Minor-V (Mass Communication)	3	LIS 421	Use of Emerging Technologies in Library	3
ARCH 404	Minor- VI (Archaeology)	3	LIS 422	Organization of Information	3
LIS 411	User Services in Libraries	3	LIS 423	Basic Reference Sources	3

THIRD YEAR

First Semester		C.H.	SecondSemester		C.H.
LIS 501	Management of Library & Information Services	3	LIS 521	Quantitative Research Methods	3
LIS 502	Introduction to Publishing and Book Trade	3	LIS 523	Applied Cataloguing	3+1
LIS 503	Applied Classification	3+1	LIS 524	Library Automation Systems	3+1
LIS 504	Research Methodology	3	LIS 525	Information Literacy	3
LIS 505	Marketing of Library and Information Services	3	LIS 526	Collection Development & Management	3

FOURTH YEAR

First Semester		*C.H.*
LIS 601	Library & InformationServices in Pakistan	3
LIS 602	Indexing and Abstracting	3
LIS 603	Resource Sharing andNetworking	3
LIS 604	Qualitative Research Methods	3

Elective Course Requirements:

(Any Two Courses during the FirstSemester of Fourth Year)

Elective Courses		*C.H.*
LIS 605	Bibliographical Control	3
LIS 606	Digital Library	3
LIS 607	Information Sources onScience, Technology, Humanities, Islam and Pakistan	3
LIS 608	Intellectual Property Rights	3
LIS 609	Project Management	3
LIS 610	Serial Management	3
LIS 613	Databas Design & Management	3

Second Semester		*C.H.*
LIS 623	Internship	3
LIS 624	Information Storage andRetrieval	3+1
LIS 625	Research Project	3

Elective Course Requirements:

(Any Two Courses during the Second Semester of Fourth Year)

Elective Courses		*C.H.*
LIS 626	Web Development	3
LIS 637	Knowledge Management	3
LIS 628	Human Resource Management	3
LIS 629	Financial Management	3
LIS 630	Archives & Records Management	3
LIS 633	Preservation & Conservationof Library Material	3
LIS 634	Media Librarianship	3

DEPARTMENT OF MEDIA & COMMUNICATION STUDIES

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MA Mass Communication (S.U.) 2005, M.Phil. (S.U.) 2019

Solangi, Jaane Alam, Lecturer
MA Mass Communication (S. U) 2005, M.Phil. (S.U.) 2017

Shahani, Yusra, Lecturer
MA Mass Communication (S.U.) 2012

BS (MEDIA & COMMUNICATION STUDIES): 4-YEAR DEGREE PROGRAMME (8-SEMESTERS) CH-136

Pre-requisite: H.S.C. or equivalent. Pre-Entry Test

FIRST YEAR

First Semester		C.H.	SecondSemester		C.H.
ENG 300	English	3	ENG 301	English	3
IS/ET 302	Islamic Studies/Ethics for Non-Muslims	2	PS 303	Pakistan Studies	2
CS/ STAT 306	Computer Skills/Statistics	3	COMP/ STAT 308	Computer Skills/ Statistics	3
MC 310	Introduction to Mass Communication	4	MC 312	History of Mass Media	4
	Minor I	3	321	Minor I	3
	Minor II	3	331	Minor II	3

SECOND YEAR

Third Semester			Fourth Semester		
ENG 400	English	3	ENG 401	English	3
SINDHI/ URDU 402	Sindhi /Urdu	2	SINDHI/ URDU 403	Sindhi /Urdu	2
GS/GEOG/ CIV406	General Mathematics/ Geography/Culture &Civilization	3	RD/ENVI/ GSC 408	Rural Development/ Environmental Sciences/ General Science	3
MC 410	News Reporting (Theory & Practice)	4	MC 412	News Writing (Theory & Practice)	4
	Minor-I	3		Minor-I	3
	Minor-II	3		Minor-II	3

THIRD YEAR

5th Semester		C.H.	6thSemester		
ENG 501	Newsman's English	3	MC 551	Newspaper & Magazine Production (Theory & Practice)	3
MC 502	Theories of Communication	3	MC 552	Media & Human Rights (Theory &Practice)	3
MC 503	Media Psychology(Theory&Practice)	3	MC 553	Creative Writing (Theory & Practice)	3
MC 504	Civic Journalism (Theory& Practice)	3	MC 554	Mass Media Laws & Ethics	3
MC 505	Newspaper & Magazine Production (Theory & Practice)	3	MC 555	Social Media (Theory& Practice)	3

FOURTH YEAR

7th Semester		C.H.	8thSemester		C.H.
MC 601	Development Communication	3	MC 651	Media and Culture (Theory & Practice)	3
MC 602	Print & Online Journalism (Theory & Practice)	3	MC 652	Mobile Journalism (Theory& Practice)	3
MC 603	Radio/TV Production (Theory & Practice)	4	MC 653	Advertising & P.R(Theory& Practice)	3
MC 604	Mass Media Research (Theory & Practice)	3	MC 654	Media Management & Marketing	3
MC 605	Media and Social Movements (Theory & Practice)	3	MC 655	Peace Journalism (Theory& Practice)	3
			MC 660	Research Project & Viva Voce	3

MA (MEDIA & COMMUNICATION STUDIES): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) PROGRAMME CH-66

Pre-requisite: Bachelor (Pass)/(Hons) degree, with Major in Mass Communication/Journalism.

FIRST YEAR

First Semester		C.H.	SecondSemester		C.H.
MC 550	History and fundamentals of Communication	3	MC 562	Newspaper & Magazine Production (Theory & Practice)	3
MC 552	Theories of Communication	3	MC 564	Media & Human Rights (Theory & Practice)	3
MC 554	Media Psychology (Theory & Practice)	3	MC 566	Creative Writing (Theory & Practice)	3
MC 556	Civil Journalism (Theory & Practice)	3	MC 568	Mass Media Laws & Ethics	3
MC 558	News Writing and Reporting (Theory & Practice)	3	MC 570	Social Media (Theory & Practice)	3
MC 560	Newspaper & Magazine Production (Theory & Practice)	3			

SECOND YEAR

Third Semester		C.H.	FourthSemester		
MC 601	Development Communication	3	MC 651	Media & Culture (Theory & Practice)	3
MC 602	Print & Online Journalism (Theory & Practice)	3	MC 652	Mobile Journalism (Theory & Practice)	3
MC 603	Radio/TV Production (Theory & Practice)	3	MC 653	Advertising & P. R (Theory & Practice)	3
MC 604	Mass Media Research (Theory & Practice)	3	MC 654	Media Management & Marketing	3
MC 605	Media & Social Movements (Theory & Practice)	3	MC 655	Peace Journalism (Theory & Practice)	3
			MC 660	Research Project & Viva Voce	3

DEPARTMENT OF POLITICAL SCIENCE

The Department of Political Science was established in 1953 at Elsa Kazi Campus, Hyderabad, with late Dr. Niaz-ul-Haq as its first Chairman. The departments of International Relations and Public Administration are its off- shoots, nurtured by the senior teachers of the Department of Political Science. The alumni of the Department have acquired high positions in provincial and federal Government services and other fields of life.

The Department of Political Science publishes **The Government** Annual Research Journal of Political Science (HEC Recognized in **"Y"** category); its **Vol-X-2021** is under process of publication.

The teaching faculty comprises the following:

Memon, Kiran Sami, Professor and **Chairperson**
MA (S.U.) 1997, Ph. D (SU) 2013

Mahesar, Ghulam Akbar, Professor
Diploma in English, PACC, IVLP, USA, M. A (S.U.) 2000, Ph.D. (S.U.)

Gaho, Ghulam Mustafa, Assistant Professor
MA (S.U.) 1998

Memon, Fehmida, Assistant Professor
MA (S.U.) 1989, Ph.D. (K.U) 2021

Mahesar, Pervaiz Ali, Assistant Professor
MA (SALU) 2005, M.Phil. 2014, Ph.D. (Malaysia) 2021

Noorani, Imran Ali, Assistant Professor
M.Sc. (QAU) 2005, Ph.D. (S.U) 2021

Burfat, Asghar Raza, Assistant Professor
MA (SALU) 1996

Lanjwani, Bisharat Ali, Assistant Professor
M.Sc. (QAU) 2005

Syed Anwar Ul Mustafa Shah, Assistant Professor
MA (SALU) 2005

Baloch, Jamshed Ali, Assistant Professor
MA (S. U) 2000, M.Phil. (S.U.) 2011, Ph.D. (S.U.) 2017

Bukhari, Ahmed Hussain Shah, Lecturer
MA (S.U.) 2003, Diploma (UK) 2010, M.Phil. (S.U) 2021

Oad, Hans Raj, Lecturer
MA (S.U.) 2011

Talpur, Bakhtawar, Lecturer
MA (S.U.) 2013, M.Phil. (S.U) 2021

Mahesar, Khaleeque Zaman, Lecturer
MA (SALU) 2011

BS (POLITICAL SCIENCE): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-137
Pre-requisite: H.S.C. or equivalent, Pre-entry Test

FIRST YEAR

First Semester		C.H.	*Second Semester*		C.H.
ENG 300	English (Compulsory)	3	ENG 301	English (Remedial)	3
IS/ET 302	Islamic Studies / Ethics (For Non-Muslims) Compulsory	2	PS 303	Pakistan Studies (Compulsory)	2
CS/STAT 306	Computer Skills-I / Statistics-I	3	CS/ STAT 308	Computer Skills-II /Statistics-II	3
POLSC.310	Introduction to Political Science-I (Major)	4	POLSC 311	Introduction to Political Science-II (Major)	4
	Minor-I (Group A)	3		Minor-I (Group A)	3
	Minor-II (Group B)	3		Minor-II (Group B)	3

SECOND YEAR

Third Semester		C.H.	*Fourth Semester*		C.H.
ENG 400	English (Functional-I)	3	ENG 401	English (Functional-II)	3
SIND/URD 402	Sindhi / Urdu (Compulsory)	2	SIND/URD 403	Sindhi / Urdu (Compulsory)	2
GM/GEOG/ CIV406	General Mathematics / Geography / Culture & Civilization	3	RD 408	Rural Development	3
POLSC.410	Political Systems (Developed) (UK, USA) (Major)	4	POLSC.411	Political Systems (China, Turkey, India) (Major)	4
	Minor-I (Group A)	3		Minor-I (Group A)	3
	Minor-II (Group B)	3		Minor-II (Group B)	3

THIRD YEAR

Fifth Semester	C.H.	Sixth Semester	C.H.
POL SC 501 Principal & Theories: Int. Relations (Major)	4	POL SC 506 Conflict & Conflict Resolution (Major)	3
POL SC 502 Western Political Philosophy (Major)	3	POL SC 507 Muslim Political Philosophy (Major)	3
POL SC 503 Public Administration (Major)	3	POL SC 508 Civil & Military Bureaucracy In Pakistan (Major)	3
POL SC 504 Research Methodology (Major)	4	POL SC 509 Comparative Local Govt. (Major)	3
POL SC 505 Major Issues of Muslim World (Optional-I)	3	POL SC 510 Political Economy of Pakistan (Optional-I)	3
--- Social Change and Political Development (Optional-II)		--- Political Sociology (Optional-II)	
--- Globalization (Optional-III)		--- Political Parties & Elections in Pakistan (Optional-III)	

FOURTH YEAR

Seventh Semester	C.H.	Eighth Semester	C.H.
POL SC 601 International Law (Major)	3	POL SC 606 Human Rights (Major)	3
POL SC 602 Democracy & Governance (Major)	3	POL SC 607 Defence & Strategic Studies (Major)	3
POL SC 603 Comparative & Developmental Politics (Major)	3	POL SC 608 Federalism in Pakistan (Major)	3
POL SC 604 Foreign Policy of Pakistan (Major)	3	POL SC 609 International Organizations (Major)	3
POL SC 605 Constitutional Development In Pakistan (Optional-I)	3	POL SC 610 Pakistan Movement (Optional-I)	3
--- Local Govt. System in Pakistan (Optional-II)	3	--- Political Geoghraphy (Optional-II)	3
--- Public Policy Analysis (Option-III)	3	--- International Politics since 1945 (Optional-III)	3
		POL SC 611 Research Project & Viva-Voce	3

MA (POLITICAL SCIENCE): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-63

Pre-requisite: Bachelor degree, preferably with Political Science as one of the elective subjects; Pre-Entry Test.

MA (PREVIOUS)

First Semester	C.H.	Second Semester	C.H.
POL SC 550 Theories & Principles of International Relations	3	POL SC 555 Conflict & Conflict Resolution	3
POL SC 551 Western Political Philosophy	3	POL SC 556 Muslim Political Philosophy	3
POL SC 552 Public Administration	3	POL SC 557 Civil & Military Bureauracy In Pakistan	3
POL SC 553 Research Methodology	3	POL SC 558 Comparative Local Government System	3
POL SC 554 Major Issues of Muslim World (Optional-I)	3	POL SC 559 Political Economy of Pakistan (Optional-I)	3
--- Social Change and Political Development (Optional-II)		--- Political Sociology (Optional-II)	
--- Globalization (Option-III)		--- Political Parties & Election in Pakistan (Optional-III)	

MA (Final)

First Semester	C.H.	Second Semester	C.H.
POL SC 650 International Law	3	POL SC 655 Human Rights	3
POL SC 651 Democracy & Governance	3	POL SC 656 Defense & Strategic Studies	3
POL SC 652 Comparative & Developmental Polities	3	POL SC 657 Federation in Pakistan	3
POL SC 653 Foreign Policy of Pakistan	3	POL SC 658 International Organizations	3
POL SC 654 Constitutional Development In Pakistan (Optional-I)	3	POL SC 559 Pakistan Movement (Optional-I)	3
--- Local Government system in Pakistan (Optional-II)		--- Political Geography (Optional-II)	
--- Public Policy Analysis (Option-III)		--- International Politics Since 1945 (Optional-III)	
		POL SC 660 Master Thesis & Viva-Voce	3

DEPARTMENT OF PSYCHOLOGY

Initiated as combined department of Philosophy and Psychology in 1953, headed by Late Dr. K.A. Hameed with only a skeleton staff, the Department emerged as an independent teaching department in 1958 with Dr. Rafia Hassan as its first Chairperson. In 1962, BA (Hons.) classes were introduced; award of B.Sc. and M.Sc. degrees commenced in 1969. The department introduced courses with stress on Cross Cultural Psychology at Honours and Postgraduate levels in 1972, as main area of emphasis; cross cultural comparison of psychological laws and the analysis of social/ psychological problems of every day life and work are its main focus. The department has introduced BS 4-year Programme from 2006 and M.Phil. Programme in 2000. The job opportunities for our graduates are available in Mental Health Clinics, Hospitals, Prisons, National Armed Services and in Educational Institutes, etc.

The teaching faculty comprises the following:

Shah, Irfana, Professor and **Chairperson**
MA 1987, Ph.D. (S.U.) 1999

Mumtaz Shahana, Assistant Professor
M.Sc. 1993, M.Phil. (S.U.) 2006

Shaikh, Muniza, Assistant Professor
M.Sc. 1993, M.Phil. (S.U.) 2005, Ph.D. (S.U.) 2019

Jokhio, Farhat, Assistant Professor
M.Sc. (S.U.) 2001

Siddiqui, Fozia, Assistant Professor
M.Sc. (S.U.) 2000

Soomro, Lubna Ahmed, Assistant Professor
MA (S.U.) 2006

Shaikh, Sheeraz Ilyas, Assistant Professor
M.Sc. (S. U) 2000, MA 2005, B.Ed. (S. U) 2003, M.Phil. (IIUI) 2016

Panhwar, Marvi, Lecturer
M.Sc. (S.U.) 1998. M.Phil. (S.U.) 2019

Gopang, Meroona, Lecturer
M.Sc. (S. U) 2012, M.Phil. (QAU) 2018

Memon, Parvasha, Lecturer
BS (S. U) 2012, M.Phil. (K.U) 2018

BS (PSYCHOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-130

Pre-requisite: H.S.C. Arts/Humanities/Social Sciences with Psychology as one of the elective subjects OR H.S.C. with Pre-Medical/ Pre-Engineerg. or General Science Group. Pre-Entry Test

SCHEME OF STUDIES INTEGRATEDBS IN PSYCHOLOGY 2020

FIRST YEAR

First Semester		C.H.	*Second Semester*		C.H.
ENG 300	English-I	3	ENG 301	English-II	3
PS 302	Pakistan Studies	2	IS 303	Islamic Studies/Ethics	2
MATH 306	Mathematics (Comp)	3	CS 308	Introduction to Computers	3
308	Introduction to Sociology/ Psyschology (Minor-I)	3	PSY 314	Applied Aeas of Psychology (F)	2
			PSY 315	Practicals in Psyschology (F)	1
312	Introduction to Social Work/ Statistics 1 (Minor-II)	3	316	Introduction to Management/ Physiology II (Minor-I)	3
PSY 310	Introduction to Psychology (F)	2	318	Introduction to Mass Communication/Statistics II (Minor-II)	3
PSY 311	Laboratory Work	1			

SECOND YEAR

Third Semester		C.H.	*Fourth Semester*		C.H.
ENG 400	Communication Skills (Eng-III)	3	U/S 402	Urdu/Sindhi	3
PSY 412	Congnitive Psyschology (Maj)	3	410	Introduction to Economics/ Biochemistry II (Minor)	3
BIO 404	Biology	3			
406	Food and Nutrition/ Biochemistry I (Minor-I)	3	412	Physical Education/ Mathematics II (Minor)	3
408	IR/Philosophy/Mathematics-I (Minor-II)	3	PSY 416	Developmental Psychology (Maj)	3
			PSY 418	EducationalPsychology (F)	3
PSY 414	Environmetal Psychology (Maj)	3	PSY 420	Gender Issues in Psychology (Maj)	3

THIRD YEAR

Fifth Semester		C.H.
PSY 504	MentalHealth and Psycho-Pathology-I	3
PSY 506	Schools & Perspectives in Psychology-I	2
PSY 508	Personality Theories-I	3
PSY 510	Research Methods-I	3
PSY 511	Statistics in Psychology	2
PSY 512	Psychological Assessment-I	3
PSY 513	Psychological Assessment Practical	1

Sixth Semester		C.H.
PSY 514	Research Methods-II	3
PSY 516	MentalHealth and Psycho-pathology-II	3
PSY 518	Theories of Personality-II	3
PSY 520	Biological Basis of Behavior	3
PSY 522	Data Analysis using SPSS	3
PSY 524	Psychology Assessment-II	3

FOURTH YEAR

Seventh Semester		C.H.
PSY 600	Social Psychology	3
PSY 602	Cross Cultural Psychology	3
Elective-I		
PSY 604	Clinical Psychology	3
PSY 606	Organizational Psychology	3
PSY 608	Internship	3
PSY 610	Research Report	4

Eighth Semester		C.H.
PSY 612	Positive Psychology	3
PSY 614	Peace Psychology	3
Elective-II		
PSY 616	Introdution to Deviant Behavior/	3
PSY 618	Family Psychology	3
PSY 620	Internship	3
PSY 626	Research Report	4

MA / M.Sc. (PSYCHOLOGY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-66

Pre-requisite: - B.Sc. Home Economics/ B.A. / B.Sc. (Pass) with preferably Psychology as an elective subject, with at least 45% marks; M.B.B.S. degree, Pre- Entry Test.

First Semester		C.H.
PSY 502	Introduction to Psyschology	3
PSY 504	Psyschology Assessment-I	3
PSY 506	Personality Theories-I	3
PSY 508	Mental Health and Psycho-Pathology-I	3
PSY 510	Research Methods-I	3
PSY 512	Schools & Perspectives in Psychology	3

Second Semester		C.H.
PSY 514	DevelopmentalPsyschology	3
PSY 516	Psyschology Assessment-II	3
PSY 518	Pratical in Psychology	3
PSY 520	Mental Health and Psycho-Pathology-II	3
PSY 522	Research Methods-II	3
PSY 524	Theories of Personality	3

Third Semester		C.H.
PSY 600	Cognitive Psyschology	3
PSY 602	Environmental Psyschology	3
PSY 604	Data Analysis using SPSS	3
PSY 606	Statistics in Psychology	3
PSY 608	SocialPsychology	3
PSY 610	Biological Basis of Behavior	3

Fourth Semester		C.H.
PSY 612	Cross CulturalPsyschology	3
PSY 614	Gender Issue in Psyschology	3
PSY 616	Clinical Psychology	3
PSY 618	Positive Psychology	3
Elective Course		
Choose any one		
PSY 620	Organizational Psyschology	3
PSY 621	Practicum	3
PSY 622	Introduction to Deviant behavior	3
PSY 623	Practicum	3
PSY 624	Family Psyschology	3
PSY 625	Practicum	3
PSY 648	Comprehensive viva-voce	

DEPARTMENT OF PUBLIC ADMINISTRATION

Founded in 1985, the Department of Public Administration is a research and academic unit in the Faculty of Social Sciences, University of Sindh. The main objectives of opening this department were to train and equip students in the area of administrative sciences enabling them to contribute productively towards development efforts in Pakistan, to prepare students for managerial career in public and private organizations and for research and teaching of public administration and to equip them with analytical ability to understand the current administrative issues in Pakistan.

The Department offers Morning and Evening Programmes of BS 4-year and Two year MPA (Pass) & Master of Public Policy (MPP) degrees, Department also offers Post Graduate Diploma in Public Administration (Evening). It has recently revised and updated its curricula.

The teaching faculty comprises the following: -

Syed, Naimatullah Shah, Professor & **Chairman**
MPA 1994, Ph.D. (UK) 2009

Abbasi, Zareen, Professor
MPA (QAU) 1993, Ph.D. (K.U) 2006

Kandhro, Sirajul Haque, Professor
MPA (S.U.) 1989, M.Sc. (KIT) 2004, Ph.D. (Thailand) 2012

Panhwar, Khalid Noor, Professor
MPA (S.U.) 1987, Ph.D. (S.U.) 2014

Mangi, Aftab Ahmed, Professor
MPA (S.U.) 1988, Ph.D. (S.U.) 2013

Zaidi, Zulfiqar Hyder Shah, Professor
MPA (SU) 2001. M.S (China) 2011, Ph.D. (China) 2016

Abbasi, Muhammad Sharif, Associate Professor
M.Sc. Computer Sc. (SU) 2003, Ph.D. (UK) 2011

Channar, Sajjad Hyder, Assistant Professor
B.E. (Computer Sc.) (MUET) 1995, MPA (S.U.) 1998, MS (MUET) 2013

Shah, Farwa, Assistant Professor
MPA (S.U.) 2001, (Ph.D. Scholar)

Chachar, Ayaz Ahmed, Assistant Professor
MPA (S. U) 2001, M.SC BY RESEARCH (U.K) 2013, Ph.D. (S.U.) 2019

Bhutto, Noureen, Assistant Professor
MS MUISTD(MUET) 2014

Keerio, Abdul Jabbar, Lecturer
MPA (S. U) 2002, M.Phil. (S.U.) 2019

BS (PUBLIC ADMINISTRATION): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-124 (MORNING & EVENING)

The Programme was introduced in 1995 and in 2006 the same Programme was redesigned as BS in Public Administration (4-year) Programme. Offering professional education and to provide students with an understanding of organizations, their structure and functioning in public sector and the career opportunities.

Pre-requisite: H.S.C. with at least 45% marks. H.S.C. Arts candidates must have offered one of the Social Science subjects as elective. Pre-Entry Test

Scheme of Studies for BS Public Administration
(4 Years Programme) w.e.f 2016

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 300	English Comprehension	3	ENG 301	Technical English Writing	3
PA 306	Introduction to Computer / MS Office	3	PA 310	Islamic Studies / Ethics	3
PA 307	Pakistan Studies	3	PA 311	Fundamentals of Mathematics	3
PA 308	Introduction to Public Administration	3	PA 312	Principles of Marketing	3
PA 309	Microeconomics / Macroeconomics	3	PA 313	Principles of Management	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
PA 405	Communication Skills for Management	3	PA 410	Management Information System (MIS)	3
PA 406	Introduction to Statistics	3			
PA 407	Introduction to Public Policy	3	PA 411	Administrative Law & Accountability	3
PA 408	Administrative Ethics	3			
PA 409	Introduction to Behavioural Sciences	3	PA 412	Financial Accounting	3
			PA 413	Knowledge Management	3
			PA 414	Human Resource Management	3

THIRD YEAR

Fifth Semester		C.H.	Sixth Semester		C.H.
PA 500	Government & Society in Pakistan	3	PA 505	Applied Statistics for Managers	3
PA 501	Change Management	3	PA 506	Organizational Design &Behaviour	3
PA 502	Development Economics	3	PA 507	Operation Research	3
PA 503	Research Methods & Techniques	3	PA 508	Decentralization & Governance	3
PA 504	Financial Management	3	PA 509	Entrepreneurship	3

FOURTH YEAR

Seventh Semester		C.H.
PA 600	Area of Specialization Course-I	3
PA 601	Area of Specialization Course-II	3
PA 602	Strategic Managements	3
PA 603	Office Management &Communication	3
PA 604	Contemporary Issues of PublicAdmin in Pakistan	3

Area of Specialization (only one group is to be offered).

Group-" A" Development Studies		C.H.
PA 600 (A)	Community and Rural Development	3
PA 601 (A)	Human Rights and Development	3

Group-" B" E-Governance		C.H.
PA 600 (B)	e-Management and Public Administration	3
PA 601 (B)	Service Innovation	3

Group-"C" Finance		C.H.
PA 600 (C)	International Financial Management	3
PA 601 (C)	Credit & Risk Management	3

Group-" D" Human Resource Management		C.H.
PA 600 (D)	Labor Laws and Industrial Relations	3
PA 601 (D)	Organization Change and Development	3

Group-" E" Marketing		C.H.
PA 600 (E)	Advertising and Promotion Management	3
PA 601 (E)	Global Marketing Management	3

Group-" F" Public Health Administration		C.H.
PA 600 (F)	Essential of Public Health	3
PA 601 (F)	Hospital Management	3

Group-" G" Public Policy		C.H.
PA 600 (G)	Theories of Public Policies	3
PA 601 (G)	Theories and Actors of Policy Process	3

Eighth Semester		C.H.
PA 605	Area of Specialization Course-III	3
PA 606	Area of Specialization Course-IV	3
PA 607	Project Management	3
PA 608	Research Project	4
PA 609	Internship	3
PA 610	Oral Comprehensive Viva Voce	3

Area of Specialization (only one group is to be offered).

Group-" A" Development Studies		C.H.
PA 605 (A)	Sustainable Development	3
PA 606 (A)	Development Planning and Administration	3

Group-" B" E-Governance		C.H.
PA 605 (B)	Implementing e-Government Projects	3
PA 606 (B)	ICTs Management	3

Group-"C" Finance		C.H.
PA 605 (C)	Analysis of Financial Statement	3
PA 606 (C)	Portfolio Management Investment Strategy	3

Group-" D" Human Resource Management		C.H.
PA 605 (D)	Compensation, Incentives & Corporate Governance	3
PA 606 (D)	Strategic Human Resource Management	3

Group-" E" Marketing		C.H.
PA 605 (E)	Marketing Research	3
PA 606 (E)	Supply Chain Management	3

Group-" F" Public Health Administration		C.H.
PA 605 (F)	Disaster Management	3
PA 606 (F)	Public Health Policy Analysis	3

Group-" G" Public Policy		C.H.
PA 605 (G)	Media, Politics and Public Policy	3
PA 606 (G)	Economics for Public Policy	3

COMPULSORY REQUIREMENTS

Course#	Course Title	C.H.
PA 608	Master thesis (in the area of specialization)	3
PA 609	Intership (6-8 weeks) plus report on host organization	3
PA 610	Oral Comprehensive Viva-vice	3

MASTER OF PUBLIC ADMINISTRATION (MPA) (PASS) MORNING & EVENING 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-78

Pre- requisite: - B.Com. / B.A. (Pass) with one Social Science subject as Elective/ B.Sc. (Pass) with Physics/ Mathematics/ Statistics/ Chemistry as one of the Elective subjects, with at least 45% marks. Candidates who have cleared Part-I and Part-II of B.Com. (Hons.), B.B.A.(Hons.) with major in Political Science /Economics/International Relations/ Sociology/ Social Work/ Psychology/ Mass Communication/ Library and Information Science/Physics/Mathematics/ Statistics/ Computer Science/ Electronics/ Computer & Information Technology/ Telecommunication, so as to be eligible for a Bachelor Pass degree from the University of Sindh, with at least 50% marks, are also eligible to compete.

Courses requirement:

MPA (PREVIOUS)

First Semester	C.H.	Second Semester	C.H.
PA 501 English-I (Remedial)	NC	PA 507 English-II (Functional)	3
PA 502 Public Administration: Concepts & Theories	3	PA 508 Managerial Economics	3
		PA 509 Financial Management	3
PA 503 Research Methods & Report Writing	3	PA 510 Principles of Marketing	3
PA 504 Financial Accounting	3	PA 511 Mathematics & Statistics for Management	3
PA 505 Human Resources Management & Innovation	3	PA 512 Management Information System:Theories& Practice	3
PA 506 Computer Applications to Management	3		

MPA (PASS) FINAL

First Semester	C.H.
PA 601 Organizational Design andBehaviour	3
PA 602 Local Government and RuralAdministration	3
PA 603 Comparative PublicAdministration	3
PA 604 Operational Research and Management	3

Specilization Courses (any one group is to be offered)

Group-" A" Financial Management	C.H.
PA 605 (A) Credit Management	3
PA 606 (A) Management of Investment Finance	3

Group-" B" Human Resource Management	C.H.
PA 605 (B) Human Resources: Communication and Development	3
PA 606 (B) Industrial Relation and Labor Laws	3

Group-"C" Marketing Management	C.H.
PA 605 (C) Advanced Marketing Management	3
PA 606 (C) Consumer Behaviour & Marketing Management	3

Group-" D" Management Information System	C.H.
PA 605 (D) Database Management System	3
PA 606 (D) Telecommunication & Networking	3

Second Semester	C.H.
PA 607 Office Management andCommunication	3
PA 608 Administration of IslamicEconomic Systems	3
PA 609 Project Management	3
PA 610 Development Economics	3

Specialization courses (any one Group is to be offered)

Group-" A" Financial Management	C.H.
PA 611 (A) Analysis of Financial Statement	3
PA 612 (A) International Financial Management	3

Group-" B" Human Resource Management	C.H.
PA 611 (B) Human Resource Information System	3
PA 612 (B) Training for Multicultural Managers	3

Group-"C" Marketing Management	C.H.
PA 611 (C) International Marketing	3
PA 612 (C) Sales Promotion and Advertising	3

Group-" D" Management Information System	C.H.
PA 611 (D) Computer Programmeming: C++ OOP	3
PA 612 (D) System Analysis & Design	3

Compulsory requirement	C.H.
PA 613 Internship (6- 8 weeks) +Reporton host Organization	3
PA 614 Master Thesis (In the area ofSpecialization)	6
PA 615 Ora lComprehensive Viva-Voce	3

MASTER IN PUBLIC POLICY (MPP): 4 SEMESTERS (2 YEARS) PROGRAMME CH-54

This degree Programme provides for an in-depth examination of theory and principles in the Public Policy. The incorporates introduction to public policy and analysis, Empirical analysis for public policy, Public Policy research and evaluation, Political and organizational analysis, Public sector reform in developing countries, Statistical techniques on Public Policy negotiation and conflict management, strategies management in public organizations, strategies for poverty alleviation and leadership, urban development and policy, Project management for the public sector, Public policy and management of health system, Crisis management, Social Policy: Issues and Options.

Pre- requisite: - B.Com. / B.A. (Pass) with one Social Science subject as Elective/ B.Sc. (Pass) with Physics/ Mathematics/ Statistics/ Chemistry as one of the Elective subjects, with at least 45% marks. Candidates who have cleared Part-I and Part-II of B. Com(Hons.), B.B.A.(Hons.) with major in Political Science /Economics/International Relations/ Sociology/ Social Work/ Psychology/ Mass Communication/ Library and Information Science/Physics/Mathematics/ Statistics/ Computer Science/ Electronics/ Computer & Information Technology/ Telecommunication, so as to be eligible for an MPP degree from the University of Sindh

First Semester		*C.H.*
PP 701	Introduction to Public Policy and Analysis	3
PP 702	Empirical analysis for Public Policy	3
PP 703	Public policy research and evaluation	3
PP 704	Political and organizational analysis	3

Second Semester		*C.H.*
PP 705	Statistical techniques on Public Policy	3
PP 706	Negotiation and Conflict management	3
PP 707	Strategies management in Public Organization	3
PP 708	Strategies for Poverty alleviation	3

Third Semester		*C.H.*
PP 751	Urban Development and Policy	3
PP 752	Project Management for the Public Sector	3
PP 753	Public Policy and management of health system	3
PP 754	Crisis Management	3

Fourth Semester		*C.H.*
PP 755	Public Sector Reform in Developing Countries	3
PP 756	Public Management and Leadership	3
PP 757	Social Policy: Issues and Option	3
PP 758	Thesis	6
PP 759	Oral Comprehensive Viva-voce	3

POSTGRADUATE DIPLIMA IN PUBLIC ADMINISTRATION: 2 SEMESTERS (1 YEAR) PROGRAMME LEADING TO MPA CH-36

Pre-requisite: Bachelor degree Science/ Social Science; Pre-Entry Test

P.G.D.P.A.

First Semester		*C.H.*	*Second Semester*		*C.H.*
PA 501	English-I (Remedial)	NC	PA 507	English-II (Functional)	3
PA 502	Public Administration: Concepts & Theories	3	PA 508	Managerial Economics	3
			PA 509	Financial Management	3
PA 503	Research Methods & Report Writing	3	PA 510	Principles of Marketing	3
			PA 511	Mathematics & Statistics for Management	3
PA 504	Financial Accounting	3			
PA 505	Human Resources Management & Innovation	3	PA 512	Management Information System: Theory & Practice	3
PA 506	Computer Applications to Management	3	PA 513	Research Project	3
			PA 514	Oral Comprehensive Viva-Voce	3

DEPARTMENT OF SOCIOLOGY

The Department of Sociology was established on Hyderabad Campus in 1964 with Prof. Shafi Mohammad Memon as its first chairman. The department was shifted to Allama I.I Kazi campus Jamshoro in 1970.

This department has been imparting quality education. Courses have been designed to equip students with professional skills and knowledge relevant to the changing needs of society and many of the graduates of this department are currently holding executive positions in private as well as in government sector. The seminar library is equipped with 3000 books and provides access to latest publications and journals on various topics of Sociology.

Research is the basic hallmark of the department. The department has established links with NGOs and the wider community. The Faculty is well-equipped with up to date research tools and techniques. Students are enrolled in M.Phil. Programme and are working hard on their research dissertation under the guidance of qualified faculty.

It aims to create in students the "Sociological imagination" which signifies the ability to see their lives, concerns, problems and hopes as entwined within the larger social and historical context in which they live which develop in students the skill critically and creatively to make their vision broader to envisage and encompass the existing social framework and enable them to apply their theoretical knowledge to the solution of the social problems around them.

Doctoral Programme in Sociology has established throughout its existence the Department of Sociology at University of Sindh has been a major centre of research and graduate training in Sociology. Its graduates can be found at senior academic levels throughout Pakistan and around the world. Presently Sociology is offering Graduate, Post Graduate and Doctoral level Programmes. BS-IV year, MA Pass two year, M.Phil. and Ph.D. Programmes.

The teaching faculty comprises the following:

Kakepoto, Hammadullah, Professor and **Chairman**
MA (SALU) 1994, MA (English) 1997, M.Phil. 2001, Ph.D. (K.U) 2005, Postdoc (Malaysia) 2007

Shaikh, Saima, Professor
MA (S.U.) 1997, Ph.D. (S.U.) 2005

Wassan, Aijaz Ali, Professor
B.E (Agri) (SAU) 1996, MA (S.U.) 1999, Ph.D. (S.U.) 2008

Brohi, Ahmed Ali, Professor
MA 1998, M.Phil. (S.U.) 2006, Ph. D (S.U.) 2013

Panhwar, Ghazala, Associate Professor
M. A (S.U.), Ph.D. (S.U.) 2015

Abro, Ameer Ali, Associate Professor
B.Sc. (SALU) 1993, MA (SALU) 1996, Ph. D (K.U) 2013

Junejo, Muneera, Assistant Professor
MA (S. U) 1997, M.Phil. (KU) 2019

Tunio, Shabana, Assistant Professor
M. A (S.U.) 1997, Ph. D (S.U.) 2016

Narejo, Hameeda, Assistant Professor
MA (S.U.) 1998, MS Management Science (Italy)

Khaskheli, Mumtaz, Assistant Professor
MA (S.U.) 2002, Ph. D (Malaysia) 2014

Khoso, Pasand Ali, Assistant Professor
MA (KU) 2005, Ph. D (Malaysia) 2020

Bhutto, Niaz Ahmed, Assistant Professor
MA (S.U.) 2010, Ph. D (S.U.) 2019

Halepoto, Allah Wadhayo, Lecturer
MA (S.U.) 2003

Shah, Saeeda, Lecturer
MA (S.U.) 2008

Brohi, Adeel Khan, Lecturer
M.Sc. (Q.U) 2013

BS (SOCIOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-147

Pre-requisite: H.S.C. or equivalent. Pre-Entry Test

FIRST YEAR

First Semester		*C.H.*	*Second Semester*		*C.H.*
CC 301	English (Functional English)	3	CC 311	English-II (Communication Skills)	3
CC 302	Islamic Studies/Ethics for Non Muslims	2	CC 312	Pakistan Studies	2
GC 303	Introduction to Environment	3	GC 313	Introduction to Psychology	3

CC 304	Mathematics	3
DSFC 305	Introduction to Sociology	3
GC 306	Mass Communication	3

GC 314	Introduction to Economics	3
DSFC 315	Social Anthropology	3
CC: UNIV/ 316 OPTION	Applied Sociology	3

SECOND YEAR

Third Semester		C.H.
CC 401	English-III (Techinal Writing and Presentation Skills)	3
CC402	Introduction to Computer 1+2	
GC 403	Introduction to Management	3
GC 404	Logic and Critical Thinking	3
DSFC 405	Development of Social Thought	3

Fourth Semester		C.H.
MC 411	Internship	3
CC 412	Social Statistics	3
GC 413	Political Science	3
DSFC 414	Introduction to SocialResearch	3
DSFC 415	Pakistan Society and Culture	3
DSFC 416	Sociological Theories	3

THIRD YEAR

Fifth Semester		
MC 501	Sociology of Religion	3
DSFC 502	Quantitative Research Methodology	3
MC 503	Sociology of Education	3
MC 504	Human Resources Mgt	3
DSFC 505	Social Psyschology	3

Sixth Semester		
DSFC511	Gender Studies	3
MC 512	Sociology of Globalization	3
MC 513	Population Studies	3
MC 514	Rural Sociology	3
MC 515	Sociology of Social Change and Development	3

FOURTH YEAR

Seventh Semester		C.H.
MC 601	Sociology of Health	3
DSFC602	Qualitative Research Methodology	3
MC 603	Project Planning and Mangement	3
EC 604	Group A: Rural Development	3
EC 605	Group B: Urban Development	
EC 606	Group A: Peace and Conflict Resolution	3
EC 607	Group B: Sociology of Media	

Eighth Semester		C.H.
MC 611	Community Development	3
MC 612	Urban Sociology	3
EC 613	Group A: NGO Management	3
EC 614	Group B: Sociology of Aging	3
EC 615	Group A: Human Rights	3
EC 616	Group B: Social Entrepreneurship	
EC 620	Research Thesis	6

MA (SOCIOLOGY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-60

Pre-requisite: Bachelor (Pass) degree, preferably with Sociology as one of the elective subjects, Pre-Entry Test.

PREVIOUS

First Semester			Second Semester		
SOC 501	History of Sociological Thought	3	SOC 551	History of Sociological Thought	3
SOC 502	Sociology of Population	3	SOC 552	Sociology of Population	3
SOC 503	Social Psychology	3	SOC 553	Social Psychology	3
SOC 504	Methods of Social Research	3	SOC 554	Methods of Social Research	3
SOC 505	Principles of Sociology	3	SOC 555	Principles of Sociology	3

FINAL

PREVIOUS

SOC 601	Social Statistics	3	SOC 651	Social Statistics	3
SOC 602	Rural Sociology/Community Development/Social Change & Development/Sociology of Religion Sociology of Education/Urban Sociology & Human Ecology/ Social Entrepreneurship/Sociology of Human Rights	3	SOC 652	Social Change & Development	3
			SOC 653	Sociology of Human Rights	3
			SOC 654	Social Problems of Pakistan	3
			SOC 609	Research Project	3
			SOC 610	Viva-voce Comprehensive	3
SOC 603	Criminology	3			
SOC 604	Social Problems of Pakistan	3			
SOC 605	Sociology of Religion	3			

B. Specialization Requirements:

Any **one** of the under mentioned courses is to be offered:

Specialization
SOC 605-A, B Sociology of Development
SOC 605-A, B Industrial Sociology
SOC 605-A, B Medical Sociology

DEPARTMENT OF SOCIAL WORK

The Department of Social Work was established in 1966 to conduct MA Classes. In the initial stage of its establishment part-time faculty from related disciplines and Directorates of Social Welfare and Health Services were engaged. In 1970, one-year diploma course in Social Welfare was introduced; in 1974, BA (Hons.) Social Work Programme was introduced with induction of regular faculty. Presently 4-year BS and Master in Social Work Programmes are being offered.

The students are imparted theoretical knowledge as well as practical training. The Department prepares students for career in Social Work who are eligible to apply for the post of Case Worker, Community Development Officers, Special and Labor Welfare Officers.

The teaching faculty comprises the following:

Syed Abbas Ali Shah, Assistant Professor and **Incharge Chairman**
MA (S.U.) 1992, LLB 1997, MLA 1998

Syed Lutuful Hasnaen Shah, Assistant Professor
MA (S.U.) 1998

Baloch, Jamshed, Assistant Professor
MA (S.U.) 1993

Syed Faisal Hyder Shah, Assistant Professor
MA 2002, LLB (S.U.) 2006, Ph. D (University Sains, Malaysia) 2018

Zareen Qadeer, Lecturer (On Study Leave)
MA (S.U.) 2003

Khaskheli, Waheed Akbar, Lecturer
MA (S.U.) 2007

Erum Shah, Teaching Assistant
MA (S.U.) 2004, M.B. A 2007, Ph. D (University Sains, Malaysia) 2018

BS (SOCIAL WORK): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-136
Pre-requisite: H.S.C. or equivalent. Pre-Entry Test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 300	English	3	ENG 301	English	3
IS/ ET 302	Islamic Studies/Ethics for Non- Muslims	2	PS 303	Pakistan Studies	2
CS/STAT 306	Computer Skills/Statistics	3	COMP/ STAT 308	Computer Skills/Statistics	3
SW 310	Introduction to Social Work	3	SW 312	Pakistani Society	3
SW 311	Practical Field Work	1	SW 313	Practical Field Work	1
SW	Minor-I	3	SW	Minor-I	3
SW	Minor-II	3	SW	Minor-II	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENG 400	English	3	ENG 400	English	3
SIND/URD 402	Sindhi/Urdu	2	SIND/URD 403	Sindhi/Urdu	2
GS/GEOG/ CIV 406	General Mathematics/ Geography/ Civilization	3	RD/GS/ ENVL 408	Rural Development/General Science/Environmental Science	3
SW 410	Social Needs and Problem of Pakistan	3	SW 412	Family and Child Welfare	3
SW 411	Practical Field Work	1	SW 413	Practical Field Work	1
SW	Minor-I	3	SW	Minor-I	3
SW	Minor-II	3	SW	Minor-II	3

THIRD YEAR

Fifth Semester		C.H.
SW 520	Social Case Work	3
SW 521	Social Group Work	3
SW 522	Sociology of Society and Social Institutions	3
SW 523	Social Services for Special Groups	3
SW 524	Practical Field Work Placement	6

Sixth Semester		C.H.
SW 525	Community Organization & Development	3
SW 526	Social Research	3
SW 527	Social Problems of Pakistan	3
SW 528	Child Rights and Welfare	3
SW 529	Practical Field Work Placement	6

FOURTH YEAR

Seventh Semester		C.H.
SW 600	Social Administration	3
SW 601	Statistics	3
SW 602	Labour Welfare Services	3
SW 603	Rural Government and Local Government	3
SW 604	Practical Field Work Placement	6

Eighth Semester		C.H.
SW 605	Contemporary Social Work	4
SW 606	Human Growth and Personality Development	4
SW 607	Social Legislation	4
SW 608	Practical Community Development Project	6
SW 609	Research Project	3
SW 610	Comprehensive Viva-Voce	1

MA (SOCIAL WORK): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-64

Pre-requisite: Bachelor (Pass) degree preferably with Social Work as one of the elective subjects, Pre-Entry Test.

PREVIOUS

First Semester		C.H.
SW 500	Social Case Work	3
SW 501	Social Group Work	3
SW 502	Sociology of Society and Social Institutions	3
SW 503	Social Services for Special Group	3
SW 504	Practical Field Work Placement	6

Second Semester		C.H.
SW 505	Community Organization & Development	3
SW 506	Social Research	3
SW 507	Social Problems of Pakistan	3
SW 508	Child Rights & Welfare	3
SW 509	Field Project	3

FINAL

Third Semester		C.H.
SW 600	Social Administration	3
SW 601	Statistics	3
SW 602	Labour Welfare Services	3
SW 603	Rural Government and Local Government	3
SW 604	Field Project	6

Fourth Semester		C.H.
SW 605	Contemporary Social Work	3
SW 606	Human Growth & Personality Development	3
SW 607	Social Legislation	3
SW 608	Practical Community Development Project	6
SW 609	Research Project	4
SW 610	Comprehensive Viva-Voce	1

DEPARTMENT OF CRIMINOLOGY

INTRODUCTION

Criminology is the discipline of Social Science that studies making of laws, breaking of laws and reaction towards breaking of laws. Criminology includes within its scope the prevention of crime, control, investigation, criminal psychology, penology, criminal justice system, forensic science, human rights, organized crime, money laundering, security, Islamic perspective on crime and sin, theories about criminality, gender and crime, juvenile delinquency and female criminality. Criminology related jobs are found in Police, investigation, criminal justice, policy making, security, correctional institution, academia, child and women protection and homeland security.

Department of Criminology started its academic working in 1998 in Elsa Kazi Campus as Institute of Criminology. Prof. Izzat Khatoon Khawaja, Dr. Pervaiz Ahmed Pathan and Prof. Bashir Ahmed Rajput were its classic founders. They ran M.Sc. Criminology programme at that time. Presently, the Department of Criminology is placed at Arts Faculty Building, University of Sindh, Jamshoro. At moment, BS, M.Sc., M.Phil., and Ph.D. programmes are being run.

VISION

Criminology visions development and spreading of valuable applied knowledge that helps prevent crime, violence, insecurity, lawlessness and fear related to life and property.

MISSION

Criminology aims to produce manpower of educated and skilled criminologists to secure society from all threats and challenges of life.

The teaching faculty comprises of the following: -

Narejo Nabi Bakhsh, Professor and **Chairaman**
M.A. Applied Criminology (K.U), Ph.D. Criminology (K.U)

Abbasi Waheed Ahmed, Assistant Professor (Adhoc)
M.Sc. Criminology (S.U.), Ph. D Criminology (U.K)

Memon Hyder Ali, Lecturer
M.Sc. Criminology, LLB, LLM, M.Phil. (S.U.)

Shaikh Hassan Latif, Lecturer
M.Sc Criminology, LLB (S.U.)

Mahesar Abdul Hameed, Lecturer
M.Sc Criminology, M.Phil. Criminology, LL.B. (SALU)

BS (CRIMNIOLOGY): 4 YEARS DEGREE PROGRAMME (8 SEMESTERS) CH-142

Pre-requisite: H.S.C. or equivalent. Pre-Entry Test

FIRST YEAR

First Semester		C.H.	Second Semester		C.H.
ENG 300	English-I	3	ENG 301	English-II	3
IS/ET 302	Islamic Studies/Ethics for Non- Muslims	2	PS 303	Pakistan Studies	2
CS/STAT 306	Computer Skills/Statistics	3	COMP/ STAT 308	Statistics	3
CRM 310	Fundamentals of Criminology	4	CRM 314	Crime and Criminology in Pakistan	3
	Minor-I	3		Minor-I	3
	Minor-II	3		Minor-II	3

SECOND YEAR

Third Semester		C.H.	Fourth Semester		C.H.
ENG 400	English-III	3	ENG 401	English-IV	3
CRM 402	Sociology of Deviance	3	CRM 403	Social Ecology	3
CRM 406	Islamic Perspective on Crime & Sin	3	CRM 405	Crime Typology	3
CRM 410	Theoretical Perspective on Crime and Criminal Behavior	3	CRM 407	Criminal Justice System	3
	Minor-I	3		Minor-I	3
	Minor-II	3		Minor-II	3

THIRD YEAR

Fifth Semester		C.H.
CRM 500	Juvenile Delinquency	3
CRM 502	Penology	3
CRM 504	Gender & Crime	3
CRM 506	Terrorism and Violence –I	3
CRM 508	Human Rights	3
CRM 510	Organizational Behavior and Human ResourceDevelopment	3

Sixth Semester		C.H.
CRM 501 A	Offender Rehabilitation and Treatment	3
CRM 503 A	Correctional Institutions	3
CRM 505 A	Terrorism and Violence – II	3
CRM 507 A	Criminology Psychology	3
CRM 509	Policing	3
CRM 555	Cyber Crime	3

FOURTH YEAR

Seventh Semester		C.H.
CRM 601 A	Criminal Investigation Methods	3
CRM 603 A	Organised Crime and Money Laundering	3
CRM 605 A	Forensic Science in Criminology	3
CRM 607	Procedures of Evidence in Criminal Law	3
CRM 609	Crime and Mental Health Issues	3
CRM 611	Crime and Criminality in Pakistan	3

Eighth Semester		C.H.
CRM 600	Community Justice and Crime Prevention	3
CRM 602 A	Community Policing	3
CRM 604 A	Methods of Research in criminology	3
CRM 606	Criminology and Social Policy	3
CRM 608	Media & Crime	3
CRM 610	Victimology	3

M.Sc. (CRIMINOLOGY): 2 YEARS DEGREE PROGRAMME (4 SEMESTERS) CH-60 (EVENING)

Pre requisite: Bachelor's Degree in any discipline from any recognized University in Pakistan with a good second division score.

M.Sc. (Previous)

First Semester		C.H.
MCRM 501	Fundamentals of Criminology	3
MCRM 502	Criminal Justice System	3
MCRM 503	Introduction to Criminal Law	3
MCRM 504	Islamic Perpective on Crime	3
MCRM 505	Introduction to Security	3

M.Sc. (Previous)

Second Semester		C.H.
MCRM 506	Juvenile Delinquency and Female Criminality	3
MCRM 507	Terrorism and Violence	3
MCRM 508	Penology	3
MCRM 509	Criminal Psychology	3
MCRM 601	Victimology	3

M.Sc. (Final)

Third Semester		C.H.
MCRM 602	Policing	3
MCRM 603	Human Right	3
MCRM 604	Criminal Investigation Methods	3
MCRM 605	Research Methods	3
MCRM 606	Forensic Criminology	3

M.Sc. (Final)

Fourth Semester		C.H.
MCRM 607	Social Policy and Crime	3
MCRM 608	Organised Crimes and Money Laundering	3
MCRM 609	Viva Voce	3
MCRM 701	Dissertation/Research Project	6

SINDH UNIVERSITY LAAR CAMPUS
BADIN

The University of Sindh, the second oldest University in the Pakistan was established in Karachi under Sindh University Act xvii of 1947, published in the Sindh Government Gazette in April 1947. It was relocated in Hyderabad in 1951 and started functioning as teaching University whereas prior to this it was examining body. Realizing the dire need to provide access to higher education to people living in far flung areas with mediocre infrastructural facilities, such as in Laar region, the University established Laar College at Badin (S.U.L.C) as a constituent college of the University in 2007. The rationale behind this establishment was to provide opportunity of higher education access at their doorsteps to the inhabitants, particularly girls of Laar region, consistent with the education benchmarks prevailing in the competitive higher education industry in the global arena. The College has been re-designated as Laar Campus at Badin in 2011. Laar Campus Badin is 100 km far from Hyderabad, 120 km from Jamshoro, and it lies at 93 km east of Thatta, 98 km west of Mithi, 50 km south east of Tando Muhammad Khan and 200 km from Karachi.

Dr. Muhammad Siddique Kalhoro
Meritorious Professor, Ph.D (London)
Pro Vice-Chancellor

The University of Sindh has made it possible to provide facilities to cater to the needs of the students such as Bursaries/free ship on the basis of merit-cum-poverty to 15% enrolled students, free of cost high speed internet, In-campus Wi-Fi network, classrooms equipped with multimedia, computer laboratories with internet facility, Seminar Library with good number of latest Books, Newspapers of various languages, sports facility, Pick and drop transport facility for nearby towns of district Badin, play ground, standby generator, Girls common room, in-campus car parking, water purification system installed with Electric water coolers, one day study tour, arrangement of popular lectures etc.

PROGRAMMES

Bachelor Degree Programmes
BBA (Hons)

BS (Commerce)

BS (Computer Science)

BS (English Language & Literature)

Master Degree Programme
Master of Commerce (M.Com)

ALLOCATION OF SEATS:

The candidates having domicile of Badin, Tharparkar, Thatta, Sujawal, Tando Muhammad Khan, Umerkot, Mirpurkhas and Tando Allahyar are eligible for admission at Laar Campus, Badin. District wise allocation of seats is as under: Merit Seats: Badin 25, Tharparkar 05, T.M. Khan 05, Thatta 02, Sujawal 05, Umerkot 03, Mirpurkhas 03, Tando Allahyar 02, Girls seats will be treated as one pool for the Girl candidates of these districts. Students of these districts admitted at Main Campus, Jamshoro can be transferred to Laar Campus Badin in the corresponding discipline during the first semester provided seats are available. Thereafter no transfer request will be entertained, and not the vice-versa.

Note: If there is no candidate on waiting list of admission in any discipline in one district then the same Seat of that district will be allotted on merit to the candidate of other districts in the jurisdiction.

Degree Programmes Offered: 04 Year (8-Semester) Degree Programme (Morning)

S	Discipline	Seats Available				
		Merit	Female	Employee	Self Finance	Total
1	BBA (Hons)	50	10	02	15	**77**
2	BS (Commerce)	50	10	02	15	**77**
3	BS (Computer Science)	50	10	02	15	**77**
4	BS (English)	50	10	02	15	**77**
5	M.Com **(2 Year Degree**	50	10	02	15	**77**

Faculty Members are:

Kalhoro, Dr. Muhammad Siddique, Meritorious Professor and **Vice-Chancellor**
B. Sc (Hons), M. Sc (S.U.), Ph. D (London)

Baloch, Muhammad Nawaz, Associate Professor
M. Com (SU), Ph. D. (United Kingdom)

Abro, Altaf Hussain, Assitant Professor
BS IT (SU), Ph. D. (Netherland)

Abbasi, Khalid Hussain, Assistant Professor
M.Com (SU), Ph.D. (S.U.)

Bhatti, Khalil-U-Rehman, Assistant Professor **(Incharge, Business Administration)**
MBA (SU), MS (BIZTEK)

Bhatti, Azeem Akhtar, Assistant Professor
M.Com (SU), M.S (MAJU, Karachi)

Talpur, Fozia, Assistant Professor
BS (Electronics) (SU), M.S. (BIZTEK)

Chandio, Muhammad Tufail, Assistant Professor **(Incharge, English)**
MA (English) (SU), M.Phil. (S.U.), Ph.D. (S.U.)

Jamali, Sanaullah, Assistant Professor
BS (SU), M.Phil. (SU)

Keerio, Hayat, Assistant Professor **(Incharge, Computer Science)**
M.Sc (S. U), M.Phil. (NUST)

Memon, Atia Bano, Assistant Professor
BS (SU), Ph.D. (Germany)

Patoli, Abdul Qadir, Assistant Professor **(Incharge, Commerce)**
M.Com (SU), M.S (BIZTEK)

Luhana, Kirshan Kumar, Assistant Professor
BS (CS) (SU), Ph.D. (Austria)

Shah, Ghulam Murtaza, Assistant Professor
MBA (SU), Ph.D. (S.U.)

Makhdoom, Tayyaba, Assistant Professor
MBA (SU), Ph.D. (S.U.)

Awan, Muhammad Irfan, Lecturer
BS (SU)

Dileep Kumar, Lecturer (On Study Leave)
MS- IT, Superior College Lahore

Nohrio, Hakim Ali, Lecturer
BBA (Hons) (SU), MS (MAJU)

Shaikh, Sana Gul, Lecturer
M.Com (SU), M.Phil. (MAJU, Karachi)

Solangi, Haji Ahmed, Lecturer
M.Com (SU)

Tahal Kumar, Lecturer
MBA (SU)

09 Teaching Assistants
07 Visiting Faculty (for various compulsory subjects in 04 Disciplines)

Admission Requirements

Eligibility: Refer General Information Section of this Prospectus for the eligibility of each degree Programme.

Pre Admission Test: The aspirant candidates will have to undergo a screening written test consisting of MCQs from the subjects such as General knowledge, Pakistan Study and Islamic Studies, General Science, Economics, Commerce, Mathematics and Current Affairs.

Curricula: The Syllabus for the Programmes offered at Laar Campus Badin are the same as for the Programmes on the main Campus University of Sindh, Jamshoro.

SINDH UNIVERSITY CAMPUS
MIRPURKHAS

Sindh University Mirpurkhas Campus has been striving hard to provide quality higher education to everyone under the Sindh University slogan "bringing higher education at your doorsteps". The campus presently offers highly career & market-oriented degree programs which would equip our students with 21st century knowledge & skills in order to survive and thrive in knowledge-based & innovation-driven economy. The campus has qualified faculty and professional administrative staff needed for effective delivery of quality higher education and services to students. Overall, we are committed to support our youth in realizing their true potential & achieving their aspirations & life-goals.

Prof. Dr. Imamuddin Khoso
Focal Person
PhD. (Japan)
Post Doctorate (Canada)

PROGRAMMES

Bachelor Degree Programmes

BBA (Hons)
BS (Commerce)
BS (Computer Science)
BS (Information Technology)
BS (English Language & Literature)

Master Degree Programmes (Evening)

M.A (English Language & Literature)
MBA (Evening) 2 Years (6 Semesters)
B.Ed. (Secondary) 1.5 & 2.5 Years

Programmes Offered:

Sindh University Campus, Mirpurkhas offers 4-year (8 semesters) BS Degree Programmes in six disciplines viz. Business Administration, Commerce, Computer Science, Information Technology, English and Geology as under, with admission on rural / urban district-wise quota basis as at the Main Campus.

Seats Distribution

Allocation of Seats Dscipline-wise

S#	Discipline	Number of Seats			
		MeritSeats	Female Quota	Commerce Quota	Total
1.	BBA (Hons)	36	08	04	48
2.	BS (CS)	36	08	---	44
3.	BS (IT)	36	08	---	44
4.	BS Geology	36	08	---	44
5.	BS (Commerce)	36	08	---	44
6.	BS (English)	36	08	--	44

Seats under Commerce Quota above are divided as under: -

	Male	Female	Urban	Rural
BBA (Hons)	2	2	1	1

District-wise allocation of seats on the basis of urban/rural-wise will be as under (subject to confirmation of U/R status by the Secretary Local Government Sindh): -

S#	District	Rural	Urban	Total
1.	Mirpurkhas	09	06	15
2.	Sanghar	03	03	06
3.	Umerkot	03	03	06
4.	Tharparkar	06	03	09

Notes: Candidates having domiciles of Mirpurkhas, Sanghar, Umerkot and Thar will be eligible for admission. Students of these districts admitted in University of Sindh, Jamshoro can be transferred to Sindh University Campus, Mirpurkhas in the corresponding disciplines during Firstsemester. No application for transfer will be entertained thereafter.

Sindh University Employees quota policy is applicable as per policy of University of Sindh.

Teaching Faculty:

Nizamani Sarwat, Professor (Computer Science)
M.Sc. Computer Science (S.U.) 1999, Ph.D. (Southern, Denmark) 2014

Nizamani, Sehrish Basir, Assistant Professor (Information Technology)
BSIT (S.U.) 2005, M.Phil. IT (S.U.) 2014

Nizamani, Saad, Assistant Professor **(HoD Information Technology)**
BS (CS) (S.U.) 2007, MS (CS) PAFKIET Karachi, 2013

Junejo, Dahshilla, Assistant Professor **(HoD Commerce)**
M.Com. (S.U.) 2005, MS (MUET) 2014

Bhutto, Hameedullah, Assistant Professor (Islamic Studies)
M.A. Islamic Culture (S.U) 2002, M.A. Dars-e-Nizami (Lahore) 1999, M.Phil. Islamic Culture (S.U.) 2014, Ph.D (Thailand) 2017

Soomro, Muhammad Hanif, Assistant Professor (Information Technology)
BS Information Technology (S.U.) 2007, MS Information Technology (QUEST) 2014

Laghari, Mehjabeen, Assistant Professor (Information Technology)
BSIT (S. U) 2010, M.Phil. (S.U.) 2016

Gilal, Naeem Gul, Assistant Professor (Business Administration)
M.B.A. (SALU) 2007, MS (China) 2016, Ph.D. (China) 2019

Solangi, Muhammad Ali, Assistant Professor **(HoD Geology)**
M.Sc. (S. U) 2002, M.Phil. (S.U.) 2016

Memon, Zulfiqar Ali, Assistant Professor (Business Administration)
M.B.A. (S.U.) 2012, Ph.D. (China) 2019

Solangi, Nadeem Ahmed, Lecturer **(HoD English Language and Literature)**
M.A. English Literature (S.U.) 2005

Syed Sajid Ali Shah, Lecturer in Commerce **(HoD Business Administration)**
M.Com. (S.U.) 2008

Jamali, Abdul Samad, Lecturer **(HoD Computer Science)**
B.E (QUEST) 2007

Kalhoro, Javed Ali, Lecturer in Geology
BS Geology (S.U.) 2011

Hakro, Tauqeer Hussain, Lecturer (Commerce)
M.Com (S.U) 2010, MBA (S.U) 2017, M.Phil. (In Progress)

Kazi, Nabeel Hussain, Lecturer (Electronics)
BS (Electronics) (S.U.) 2010

MOHTARMA BENAZIR BHUTTO SHAHEED
SINDH UNIVERSITY CAMPUS

DADU

University of Sindh is the oldest University of Pakistan which was established in April 1947 in order to impart quality education to the rural masses of the area. University of Sindh has established its campus in 2011 at Dadu under the **President of Pakistan's directives, fulfilling the vision of Shaheed Mohtarma Benazir Bhutto** who was keen to disseminate education in Pakistan particularly in rural areas, with the untiring efforts of the Senior Minister of education, Government of Sindh.

The establishment of Dadu campus facilitates increasing number of college students of districts of **Dadu, Naushehro Feroze and Jamshoro (Sehwan & Bhan Saeedabad)** who in spite of their keen interest, cannot pursue higher education in Jamshoro / Hyderabad / Karachi due to socio-economic constraints. Poverty is major problem of the rural Sindh and is a barrier for seeking higher education.

Therefore, the University of Sindh has timely established its campus at Dadu which goes a long way for **the betterment and enhancement of education** in the province. It is presently housed in Ustad Bukhari Government Degree College Dadu premises while the Government of Sindh has allotted 50-00 acres of land free of cost in April 2012, at the distance of one kilometer in the south of Dadu city for establishment of Sindh University Campus, Dadu. The development work has been started. The plans are also underway to construct the campus building.

Prof. Dr. Azhar Ali Shah
Focal Person
Ph.D (UK)

PROGRAMMES

Bachelor Degree Programme (4 Years)

BBA (Business Administration)

BS (Information Technology)

BS (English Language & Literature)

Master Degree Programme

MBA 4 Years (8 Semester) (Morning)

MBA (Evening) 2 Years (6 Semesters)

MA (English Language & Literature) 2 Years (4 Semesters) (Evening)

Degree Programmes offered in Morning

Programmes	Merit	Female	Total
BBA/BSIT/BS (English)	50	10	60
MBA 04 YEARS	50	10	60

Degree Programmes offered in Evening

Programmes	Total Seats
MBA 02 Years (06 Semesters)	60
MA (Engilsh) 02 Years (04 Semesters)	60

Distribution of Seats

District-wise allocation of seats on the basis of urban/rural wise will be as under (Subject to confirmation of Urban/Rural status by the Secretary, Local Government of Sindh)

S#	District	Rural	Urban	Total
1.	Dadu	24	16	40
2.	Naushehro Feroz	03	02	05
3.	Jamshoro	03	02	05
	Total	30	20	50

Note: The candidates having domicile of Dadu, Jamshoro, and Naushehro Feroze will be eligible for admission in (Morning Programme). Students of these districts admitted at Main Campus, University of Sindh, Jamshoro can be transferred to Sindh University Campus Dadu in the corresponding discipline during the first semester provided seats are available.

No application for transfer will be entertained thereafter not vice versa.

Faculty Members are:

Shah, Azhar Ali, Professor and **Focal Person**
M.Sc. Electronics (S. U) 1998, M.Phil. (S.U.) 2004, Ph.D. (Nottingham University, UK) 2011

Shaikh, Farhan Bashir, Assistant Professor (On Study Leave)
BE (MUET), MS (SZABIST) and Ph.D. in Progress

Panhwar, Kalsoom, Assistant Professor
BE (CS) 2011, ME (CS)(MUET) 2016

Memon, Muhammad Suleman, Assistant Professor (On Study Leave)
BE (CS) MUET 2008, ME (IT) MUET 2014

Malak, Sarfraz Ali, Assistant Professor (On Study Leave)
MBA (SU) 2007, M.Phil. (S.U.) 2017

Soomro, Mansoor Ahmed, Assistant Professor
MBA 2011, M.Phil. (SALU) 2017

Channa, Muhammad Asif, Assistant Professor
MBA 2008, M.Phil. (SALU) 2017

Lashari, Amjad Hussain, Lecturer
MBA (SALU) 2007, M.Phil. (SALU) 2018

Mallah, Abdul Jabbar, Lecturer
B.Sc. (Maths) (S.U.) 2009, M.Sc. (Maths) (QAU) 2011

Shar, Athar Ali, Lecturer
BBA (SALU) 2010, MS (IIUI) 2015

Kaloi, Muhammad Ashraf, Lecturer
MA (Literature) 2009 (FUAST), MA (Linguistics) (KU) 2011

Magsi, Adnan, Lecturer (on Study Leave Abroad)
MA (English) (S.U.) 2011

Ghanghro, Ali Asghar, Teaching Assistant
BS (English) (SALU) 2013

Jamali, Muhammad Saleem, Teaching Assistant
BE (Telecommunication) (MUET) 2017

Thebo, Nana Hatim, Teaching Assistant
BBA 4-year (S.U Campus Dadu) 2016

Aqsa Shah, Teaching Assistant
BS (English) (S.U Campus Dadu)

SINDH UNIVERSITY CAMPUS

LARKANA

Sindh University Campus Larkano (SUCL) was established on the Presidential Directives of His Excellency Mr Asif Ali Zardari, The then President of Pakistan followed by the directives of then Prime Minister of Pakistan, Chief Minister of Sindh and recommendation of the Higher Education Commission of Pakistan and on 1st Feb 2013 initially at the at the premises of Government Arts and Commerce College Larkano but recently under the dynamic leadership of Prof Dr. Ghulam Sarwar Gachal the campus has been shifted to newly constructed and well furnished Parvin Etesami Building, Wagan Road Larkano.

SUCL is providing state of the art learning facilities through various degree programs through Departments of Business Administration, Department of English Language &Literature and Department of Computer Science. The campus also offers 2 Years Master programs including MBA and MA English in the evening shift. At present more than 700 male and female students from Larkana as well as QambarShahdadkot, Shikarpur, Jacobabad and Kashmoredistricts are benefiting from quality education provided at doorsteps through historic inherited legacy of the University of Sindh.State of the art facilities and resources at SUCL include: well qualified faculty, well resourced library, scholarships, financial aid for deserving students, e-portal with online attendance, results and form submission, sports and extracurricular activities through STAGS, Computer Lab with latest networked computers, well furnished class rooms, girls common room, proper admin and faculty offices, very large auditorium, cafeteria, lush green parks and all that shall make learning an enjoyable experience.

Dr. Ghulam Sarwar Gachal
Meritorious Professor, Ph.D (UK)
Focal Person

PROGRAMMES

Bachelor Degree Programmes

BBA (Business Administration)
BS (Computer Science)
BS (English Language & Literature)

Master Degree Programme (Morning)
MA (English Language & Literature)
2 years (4 Semesters)

Master Degree Programmes (Evening)
MA (English Language & Literature)
2 years (4 Semesters)

MBA 2 years (6 Semesters)

Distribution of Seats

District-wise allocation of urban and rural seats for each Programme discipline is as given below:

S#	District	Rural	Urban	Total
1.	Larkana	16	12	28
2.	Qamber @ Shahdad Kot	04	03	07
3.	Shikarpur	03	02	05
4.	Jacobabad	03	02	05
5.	Kashmore	03	02	05
	Total	**29**	**21**	**50**

The candidates having domicile of Larkana, Qambar @ Shahdadkot, Shikarpur, Jacobabad and Kashmore districts are eligible for admission in the Campus.

The students enrolled at University of Sindh, Allama I.I. Kazi Campus Jamshoro may be transferred to Sindh University Campus Larkana in corresponding discipline during the first semester, provided that the seats are vacant.

No application for transfer will be entertained thereafter not vice versa.

Faculty Members are:

Gachal, Ghulam Sarwar, Professor Meritorious and Focal Person
M.Sc. (S.U.) 1989, Ph.D. (U.K) 2002

Deparment of Business Administration

Shaikh, Ghulam Mustafa, Assistant Professor and **Head of Business Department**
BBA (SALU) 2006, MBA (SU) 2008, MS (IBA, Sukkur, Gold Medalist) 2013 and Ph.D. (SALU) in Progress

Kalhoro, Maryam, Lecturer (On Study Leave)
BS (Commerce) (S.U.), MBA (SZABIST) and Ph.D. in Progress

Maitlo, Ayaz Ali, Lecturer
BBA (SALU), MBA (SZABIST) and Ph.D. in Progress

Sangi, Sartaj Ahmed, Teaching Assistant
MBA (SZABIST), Ph.D. in Progress

Chandio, Quratulain, Teaching Assistant
MBA (SZABIST), B. Com (SALU)

Deparment of Computer Science

Kanasro, Nadeem Ahmed, Assistant Professor (On Study Leave)
MCS (SU), M.Phil. (SU) and Ph.D. in Progress

Jamali, Asif Ali, Lecturer (On Study Leave)
BE (MUET, PK), ME (MUET, PK) and Ph.D. (S.U.) in Progress

Samoon, Shazia, Lecturer and **Head of Computer Science Department**
BSCS Silver and Gold Medalist (SU), M.Phil. in Progress

Deparment of English Language and Litrature

Kumbhar, Chahat Batool, Teaching Assistant and **Head of English Department**
BS English (S. U) 2016, B. Ed. (AIOU) 2019, Ms (MUET) in Progress

Jhatial, Ruzwana, Teaching Assistant
BS English (SUCL) 2016

Kalhoro, Erum, Teaching Assistant
BS English (S.U.)2017, MS (S.U.) in Progress

In addition to the regular Faculty, a large number of professionals and senior faculty members of various Universities, Degree Colleges and Organizations are engaged to impart quality education as visiting faculty at Sindh University Campus Larkana.

SINDH UNIVERSITY CAMPUS
THATTA

Sindh University Campus Thatta was established as an additional campus on 18th August 2012. The Campus was established to provide quality higher education to the students of Thatta, Sujawal and surrounding areas. Up until now, it has produced hundreds of professionals in Business, English and Computer Science discipline. The alumni of this campus are working at key positions in various professions. Currently, more than 300 students are enrolled in various progrmmes offered by the campus.

Mission

Empowering youth to fulfill their academic and professional passions in a university campus whcih is diverse, welcoming and inclusive.

Vision

To develop the campus as a leading institution for providing higher education in the region.

The component department of the campus are:

1. Department of English Language and Literature
2. Department of Business Administration
3. Department of Computer Science
4. Centre for Coastal and Deltaic Studies

Prof. Dr. Rafique. A. Memon
Pro Vice Chancellor
Ph.D (U.K)

PROGRAMMES

Bachelor Degree Programmes

BBA (Business Administration)
BS Computer Science
BS (English Language & Literature)

Master Degree Programmes (Morning)

Master of Commerce (M.Com)
M.A (English Language & Literature)

Master Degree Programmes (Evening)

M.B.A (Evening) Business Administration
M.Sc. Coastal Zone Management

Degree Programmes

The Sindh University Campus Thatta offers 04 years Bachelor Degree Programmes and 02 year Masters degree Programmes in Business Administration, English and Coastal Zone Management under district wise Urban and Rural quota-based admission procedure.

The Campus also offers M.Phil. degree Programme in Coastal and Marine Science and Coastal Zone Management.

Degree Courses offered at University of Sindh Campus Thatta

S#	4 Years Bachelor Degree Courses	Merit	Female Quota	Employees Quota	Self-Finance	Total
1.	Business Administration (BBA)	50	06	02	10	68
2.	Computer Science (BS)	50	06	02	10	68
3.	English (BS)	50	06	02	10	68
	2 Years Master Degree Courses					
1.	English MA (Morning Programme)	50	06	02	10	68
2.	Commerce M.Com (Morning Programme)	50	06	02	10	68
3.	Business Administration MBA (Evening Programme)	60				60
4.	Coastal Zone Management M.Sc.(Evening Programme)	60				60

Distribution of Seats

District-wise allocation of seats on Urban/Rural quota system will be as under (subject to confirmation of U/R status by the Secretary Local Government)

S#	District	Rural	Urban	Total
1.	Thatta	08	05	13
2.	Sujawal	04	03	07
3.	Badin	03	02	05
4.	Tando M. Khan	03	02	05
5.	Tharparkar	03	02	05
6.	Jamshoro	03	02	05
7.	Karachi	05	05	10
		Grand Total		**50**

Eligibility criteria for Admission: Refer to the General Information Section of this Prospectus for the eligibility of each degree Programme. Pre Entry Test will be conducted at Sindh University Campus, Thatta.

The students enrolled at University of Sindh, Allama I.I. Kazi Campus Jamshoro may be transferred to Sindh University Campus Thatta in corresponding discipline during the first semester, provided that the seats are vacant. No application for transfer will be entertained thereafter not vice versa.

In addition to the regular teaching faculty; a large number of professionals and senior faculty members of various universities, degree colleges and organizations are engaged to impart quality higher education as visiting faculty at the Thatta Campus

Faculty Members are:

Memon, Rafique Ahmed, Professor and **Pro Vice Chancellor**
Ph.D. TESOL, 2006 (Leeds). UK, M.Ed. 1995 TESOL (Leeds, UK), MA (S.U.)1990,

Mahar, Mukhtar Ahmed, Professor and **Director**
M.Sc. 1995, Ph.D. (SU) 2009

Bakari, Haroon, Assistant Professor
MBA (S. U) 2009, M.Phil. (NDU) 2016, Ph. D Scholar (S.U.)

Hulio, Mumtaz Ali. Lecturer
MBA (QAU Islamabad) 2011, M.Phil. (S.U.) 2020

Lund, Irfan Ali, Lecturer
MBA (S.U.) 2011, M.Phil. Scholar (S.U.)

Soomro, Suhaib Ahmed, Lecturer
BBA (Suk IBA Uni) 2011, M.Phil. (SALU) 2020

Lashari, Asadullah, Lecturer
BS English (S.U.) 2012, MS (SZABIST) 2018 (On study leave)

Solangi, Hassan Ali - Lecturer
MBA Finance (SZABIST) MS (SZABIST)

Syeda Fiza Shah, Teaching Assistant
MBA Finance (SUTC), M.Phil. Scholar (S.U.)

Jhatial, Soomal, Teaching Assistant
BS CS (SU), M.Phil. Scholar (S.U.)

Memon, Shahryar Ahmed, Teaching Assistant
BS English Linguistics (SUTC), M.Phil. Scholar (S.U.)

Memon, Gul Sana, Teaching Assistant
BS English Linguistics (SUTC), M.Phil. Scholar (S.U.)

Khatri, Muhammad Ali
BS CS (SUTC)

Qureshi, Shoair Ali, Teaching Assistant
BS English Language (NUML), M.Phil. scholar (S.U.)

Jutt, Ayesha Komal, Teaching Assistant
BS English Linguistics (SUTC), M.Phil. Scholar (MUET)

Centre for Coastal and Deltaic Studies, University of Sindh Campus Thatta

Centre for Coastal and Deltaic Studies (CCDS) was established on 8th December 2015 at Sindh University Thatta Campus located at Makli, Sindh, Pakistan. It is an interdisciplinary education and research centre for providing trained human resource and research-based solutions related to coastal and deltaic region of Pakistan. The purpose of the centre is to strive for the improvement, management and socio-economic development of coastal community, fisheries sector, mangrove vegetation, reduction of rapidly changing ecosystem by seawater intrusion and climate change. Pakistan is having coastal line of about 990 km in Baluchistan and Sindh provinces touching to Arabian Sea. The Sindh coastal line is of approximately 350 kilometers extends from the Hub river delta in the north-west to the Runn of Kutch along the indian border covering Karachi and six talukas (sub-districts) of district Thatta such as Keti Bandar, Shah Bandar, Ghorabari, Jati, Mirpur Sakro and Thatta taluka besides the Sujawal and Badin districts. The Indus river delta is the 7th largest delta in the world. It is a productive zone known to be a natural hatchery for a number of marine fauna and floura of Arabian Sea. Due to decrease in water and silt and rising sea levels due to climate change the Indus Delta along with its living resources is under Threat. The CCDS conducts research of appied and basic nature with collaboration of government departments/ministries/agencies, NGOs and National and International Organizations.

Mission

To build human resource capacity and provide research based solutions to challenges and opportunities related to coastal and delta regions of Pakistan in the context of changing ecosystems, seawater intrusions, sea level rise and climate change.

Aim and Objectives

The CCDS with collaboration of academic institutes, government departments/ministries, non-government organizations (NGOs) and international organizations work for the promotion of technical education, scientific research on different aspects and issues related to the marine coastal and delta eco-systems, socio-economics of inhabitant community, natural disasters such as cyclones, floods, seawater intrusion, erosion, sea level rise with special reference to the threat of climate change.

Degree Programme

The Centre for Coastal and Deltaic Studies plans to offer a number of training courses and postgraduate degree courses such as MSc, M.Phil. and Ph.D. in related disciplines.

Disaster Risk Reduction (DRR) Center

To inform and guide practitioners and policy makers about drivers of risk and the way they influence or contribute to the generation of risks within Coastal areas;

To define specific actions that will improve risk management at local, national and regional levels; and

To generate baseline data for measuring progress (or setbacks) of how underlying risk drivers are addressed over time

M.Sc. (Coastal Zone Management): (4 Semesters) Programme (CH-72)
Pre-requisite; B.Sc., BS degree in any Science discipline

FIRST YEAR

First Semester		C.H.
CZM 500	Marine Geology	3
CMZ 502	Marine Resources	3
CMZ 504	Marine Chemistry	3
CMZ 506	Marine Biology	3
CMZ 508	Coastal Zone Interpretation	3
CMZ 510	Marine Physics	3

Second Semester		C.H.
CMZ 512	Marine Ecosystems	3
CMZ 514	Marine Biodiversity	3
CMZ 516	Marine Biogeochemistry and Toxicology	3
CMZ 518	Coastal Line of Pakistan	3
CMZ 520	Geology of Arabian Sea	3
CMZ 522	Marine Pollution and Control	3

SECOND YEAR

Third Semester		C.H.
CMZ 600	Coastal Hazards	3
CMZ 602	Marine and Coastal Conservation	3
CMZ 604	Sea Level Changes and Coastal Zones	3
CMZ 606	Pakistan Marine Fishery Policy	3
CMZ 608	Ocean and Coastal Law	3
CMZ 610	International Integrated Coastal Zone Management	3

Fourth Semester		C.H.
CMZ 612	Coastal Environmental Security	3
CMZ 614	Remote Sensing and Geographic Information Systems	3
CMZ 616	Environmental Risk Assessment and Security	3
CMZ 618	Management of Coastal Water Resources	3
CMZ 620	Coastal Zone Management Dissertation	3
CMZ 622	Comprehensive Viva Voce	3

Disaster Risk Reduction (DRR) Center

To inform and guide practitioners and policy makers about drivers of risk and the way they influence or contribute to the generation of risks within Coastal areas;

To define specific actions that will improve risk management at local, national and regional levels; and

To generate baseline data for measuring progress (or setbacks) of how underlying risk drivers are addressed over time

Master of Commerce (M. Com): 2 Years Degree Programme (4-Semesters) (CH-60)
Pre-requisite: B. Com (Pass) degree, Pre-Entry Test

PREVIOUS

First Semester		C.H.
COM 501	Management	3
COM 511	Fundamental of Marketing	3
COM 521	Quantitative Techniques for Business	3
COM 531	Managerial Economics	3
COM 541	Business Communication & Technical Writing	3
COM	Computer Applications to Business	NC
COM	Remedial English	NC

Second Semester		C.H.
COM 551	Computer Applications to Business	3
COM 561	Financial Management	3
COM 571	International Business	3
COM 581	Company Law & Secretarial Pratices	3
COM 591	Human Resource Management	3
COM	Remedial English	NC

FINAL

Third Semester		C.H.
COM 600	Intership Report & Viva-Voce	3
COM 601	Research Methods in Business	3
COM 611	Organizational Behaviour	3
COM 621	Advanced Cost & Management Accounting	3
Second Semester		C.H.
COM 643	Investment Analysis & Portfolio Management	3
COM 651	Production & Operation Management	3
COM 661	Business Policy	3
COM 671	Management of Public Enterprises	3

Specialization requirements: Any **Two** Courses to be offered from any one of the fields listed here under.

1. Accounting	
COM 631	Advanced Accounting Theory & Problems
COM 632	Governmental Accounting
COM 681	Advanced Auditing Problems
COM 682	Cost Accounting for selected Industries
2. Finance	
COM 641	Islamic Principles of Finance
COM 642	Banking Management
COM 691	ProjectManagement
COM 692	Specialized Financial Institutions
3. Marketing	
COM 645	Marketing Management
COM 646	Retailing Management
COM 695	Advertising
COM 696	Marketing Research
COM 697	Hotel & Restaurant Management

KHAN BHADUR SYED ALLAHNDO SHAH
SINDH UNIVERSITY CAMPUS
NAUSHAHROFEROZE

The establishment of Khan Bhadur Syed Allahndo Shah (KBSAS) Campus is one of the missions of the University of Sindh to support the people of Naushahro Feroze to fulfil their dreams in order to meet the development of intellectuality, management and educational standards and to provide access to the male and female students of different colleges of adjoining areas of District Naushahro Feroze to seek quality education and human resources at their door step. This campus is a vision of Syed Zaffar Ali Shah, the grandson of Khan Bahadur Syed Allahndo Shah on his donated land for the better cause in order to support the easy and approachable institution to the poor communities.

It is located along the side of link road between Naushahro Fezore and Shaheed Benazirabad near the Madrassa High School in the main city. This Campus offers BS four year programme and two year Masters and also the research projects in the field of Business Administration, Computer Science, English and Information Technology. The KBSAS Campus of the University of Sindh at Naushahro Feroze is endeavoring for betterment and enhancement of education in terms of starting new disciplines in coming future.

The qualified Teaching Assistants and visiting faculty members are providing the innovative and excellent learning process through new trends of teaching methodologies.

Prof. Dr. Agha Asad Noor Pathan
Focal Person
Ph.D (S.U)

PROGRAMMES

Bachelor Degree Programmes	Master Degree Programmes
BBA (Hons)	MBA 4 Years (8 Semesters) Morning
BS (Computer Science)	MA (English Language & Literature) Morning
BS (Information Technology)	MBA (Evening) 2 Years (6 Semesters)
BS (English Language & Literature)	

Degree Programmes offered at University of Sindh Campus Naushahroferoz

S#	Degree Programmes	General Merit	Female Quota	Total
1.	BBA (Hons) 4 Years Programme	50	10	60
2.	BS (Computer Science) 4 Years Programme	50	10	60
3.	BS (Information Technology) 4 Years Programme	50	10	60
4.	BS (English) 4 Years Programme	50	10	60
5.	MBA (4 Years Programme)	50	10	60
6.	MA (English) 2 Years Programme	50	10	60
7.	MBA (2 Years Evening Programme)	50		

Distribution of Seats

District-wise allocation of seats on the basis of Urban/Rural quota will be as under:

S#	District	Rural	Urban	Total
1.	Naushahroferoze	30	08	38
2.	Shaheed Benazirabad/ Nawabshah	04	02	06
3.	Khairpur	03	00	03
4.	Dadu	03	00	03
	Total	**40**	**10**	**50**

Addressing at the occasion of International Conference, the Pro-Chancellor (Mr. Nisar Ahmed Khuhro), the Vice Chancellor Sindh University (Prof. Meritorious Dr. Muhammad Siddique Kalhoro), the Vice Chancellor MUET (Prof. Dr. Muhammad Aslam Uqaili) the Faculty Members and the Students.

EHSAAS UNDERGRADUATE SCHOLARSHIPs, cheques distribution ceremony. The Vice Chancellor University of Sindh (Prof. Meritorious Dr. Muhammad SiddiqueKalhoro) along with Faculty Members and Students.

SINDH HEC SCHOLARSHIPs, cheques distribution ceremony. The Vice Chancellor University of Sindh (Prof. Meritorious Dr. Muhammad Siddique Kalhoro) ,with the Students and Faculty Members.

The Vice Chancellor University of Sindh (Prof. Meritorious Dr. Muhammad SiddiqKalhoro),during the visit of semester examination centers 2021.

The Faculty members, students, employees and the Vice Chancellor University of Sindh (Prof. Meritorious Dr. Muhammad Siddique Kalhoro) during the tree-plantation drive at Allama I.I Kazi Campus Jamshoro.

Independence day celebrations and Flag Hoisting Ceremony (14th August 2021) by the Vice Chancellor Sindh University (Prof. Meritorious Dr. Muhammad Siddique Kalhoro), faculty members, students and the employees of the University.

Syed Sardar Ali Shah, Provincial Minister of Sindh for Culture, Tourism, and Antiquities and Education. The Vice Chancellor Prof. Meritorious Dr. Muhammad Siddique Kalhoro, Faculty Members and Students of Institute of Arts and Design at the Occasion of Thesis Show.

HOSTEL FACILITIES

The University provides residential facility to nearly 4000 male & female students in various hostels. There are total 13 hostels, 10 for boys and 3 for girls. Marui Girls Hostels consist one Postgradaute and two Undergradaute Hostels.

It is the responsibility of the Hostel administration to make students stay comfortable. The purpose of student stay on the campus is to equip them with knowledge and skills to face the challenges which demand disciplined behavior. To achieve that the Provost, Deputy Provost and Wardens of the Hostels are available to ensure your well being and resolve your difficulties. Further, the Hostel authorities have plan to designate Wing Monitors and Senior House Monitors in every Hostel address to your immediate or day to-day problems, e.g., maladjustment with room-mate or any grievance concerning food, hygienic conditions, cleanliness and other facilities.

Facilities provided to the Hostlers

1. *Food Facility:* Fifteen Canteens inside Hostels and one Central Canteen is setup on main campus which provide meals and tea on subsidized rates fixed by the Hostel Management.
2. *Drinking Water:* Clean- bacteria free (UV treated) water is available in every Hostel.
3. *Entertainment/Academic:* Internet facility, TV Cable connection and indoor sports facility.
4. *Bus Service:* Shuttle Bus service connecting Hostels to the Jamshoro town and Hyderabad city has been provided.

Hostel Regulations

Accommodation in Sindh University Hostels is allowed to students subject to the availability of seats and in accordance with the University of Sindh Hostel Regulations.

In the interest of your own comfort safety and studies you have to create a conducive environment for this, it is essential that you fully understand and follow following Rules and Regulations.

Dr. Pasand Ali Khoso
Provost Boys Hostels

Note:- Accommodation in hostels will be subject to availability

Dr. Naheed Arain
Provost Girls Hostels

Rules and Regulations for Hostels

What students must avoid getting involved in:

1. Keeping unauthorized persons in the room/seat allotted to a Hostel resident.
2. Subletting the allotted room or any other room lying vacant for any reason.
3. Non payment of Hostel dues during the quarter of the year for which allotment was given in the Hostel.
4. Keeping and using drugs or other intoxicants except drugs prescribed by authorized medical expert on account of illness.
5. Keeping electric appliances such as refrigerators/air conditioners T.V., oven, burners and heaters etc.
6. Parking cars or other vehicles in places other then the designated parking lot.
7. Engaging in any immoral or agitational and violent activities or creating nuisance or disturbing the peace and tranquility on the campus.
8. Inviting or entertaining female visitors in the Hostel rooms of the male Hostel.
9. Causing willful damage or causing damage, acts of vandalism, removing or damaging Hostel / University property.
10. Barricading stairs, corridors, gates, and other areas in the Hostel.
11. Staging sit-in, Lockup, occupying Hostel/ warden / administration offices.
12. Use of abusive language towards other resident's / University authorities and employees.
13. Use of Hostel room / premises for group politics, political assemblies and for purpose, other then those for which they are meant.
14. Inviting outsiders to address Hostel residents without permission of the authorities.
15. Pasting of posters / chalking on Hostels / campus buildings / premises/ compound-walls or any portion thereof.
16. Inciting parochial, linguistic, sectarian / religious / feelings among Hostel residents.
17. Staying away from the Hostel premises after 11.00 pm and before call for Fajar prayer or for longer periods without prior permission from higher authorities. (Applies to boys' hostel only).
18. Late comers or early departees would be required to sign in a register at the Reception, stating valid reasons for late coming or early departure.
19. The Hostel authorities reserve the right to search the personal belongings and baggage of residents at the time of entering the Hostel or while residing in the allotted room.
20. Cooking in the Hostel rooms is strictly prohibited.
21. No visitor shall be allowed to meet the residents of Hostels before 7:00a.m. and after 8:00 p.m. He shall have to record his name and address and signature and time of arrival and departure in the register kept at reception.
22. No guests are allowed to stay in the hostels at any cost.
23. Student will be self-responsible for keeping personal precious belongings (Mobile phone, camera, gold, money and electronic devices etc.) in lockers in their rooms.
24. Students will have to take over and hand over in writing the items (bed, tables, chairs, ceiling fans, tube lights etc.) available in their room.
25. Without the permission of Hostel Administration dismantling, replacement or shifting of any item from one room to another room is strictly prohibited.

PLEASE NOTE:

Hostel accommodation forms are available with the designated branches of HBL on payment of Rs. 50/-. The application forms duly filled-in and completed in all respects, be submitted in the office of the Provost, Boys Hostels/ Provost, Girls Hostels, University of Sindh, **after getting admission in the University**. Hostel accommodation is limited and to be provided subject to the availability of vacant seats.

Students' Financial Aid Office

The University has taken initiative for providing financial relief to meritorious and deprived students with the financial assistances/need based scholarship Programmes. In this regard, University of Sindh has established the "Students' Financial Aid Office" (SFAO), providing access to quality education through Need-based and Merit-based Scholarships.

All Scholarships/Financial Aid Cases are routed through SFAO. A centralized record of all students getting any Financial Aid is kept in SFAO.

At the moment, SFAO covers the following scholarships / financial assistances offered by:

S#	Name of Scholarship	Sponsors/Donors
01	HEC Need-Based Scholarship	Higher Education Commision of Pakistan
02	Pakistan Scottish Scholarship for Women	British Council
03	Ehsaas Scholarship	Higher Education Commision of Pakistan
04	Need-Cum-Merit Scholarship	Auqaf, Religious Affairs, Zakat & Ushr Department, Government of Sindh
05	Minority Scholarship	Ministry of Minority, Govt. of Pakistan
06	Freeships & Bursary	University of Sindh, Jamshoro
07	Scholarship for Disable Students	University of Sindh, Jamshoro
08	Schedule Caste Scholarship	Deputy Commissioner Office
09	Al-falah Scholarsh	Al-Falah Foundation
10	Diya-Pak Scholarship	Diya Pak Foundation
11	Student Welfare Fund	University of Sindh
12	Sindh Educational Endowment Fund Scholarship	The College Education Department, Government of Sindh
13	District Zakat Committee Scholarship	The Government of Balochistan
14	Punjab Educational Endowment Fund (PEEF)	The Government of Punjab

The Students' Financial Aid Office, University of Sindh, under the platform of **HEC Need Based Scholarship**, has managed to provide 350 scholarships among needy and meritorious students during academic year 2012-13, 490 scholarships in 2013-14, 300 scholarships in 2014-15, 611 scholarships in 2015-16, 500 scholarships in 2016-17, 450 scholarships in 2017-18 and 500 scholarships in 2018-19. Furthermore, 400 students belonging to various districts of Sindh have been benifitted with the handsome award of **Need-Cum-Merit Scholarship,** and last but not the least, 5 female scholars have been awarded with the **Pakistan Scottish Scholarship**, in which each candidate received an attractive stipend of Rs. 120,000/-

The Students' Financial Aid Office (SFAO) has also developed the Standard Operating Procedures (SOPs) regarding Internal (University) and external Scholarship Programmes; this office has developed an Application Profarma regarding University Scholarship Programmes.

FINANCIAL ASSISTANCE: The University grants limited Freeships and Bursaries to the deserving students on Poverty-cum-Merit basis. The University has instituted two **new Scholarships** to be awarded every year to: **a) Hundred (100)** Scholarships to meritorious needy students joining the University. **b) fifty (50)** scholarships to students admitted on disabled quota. Dr. Sauer Scholarship is also awarded to local female students on merit basis.

(i) **SCHOLARSHIPS:** Scholarships are also awarded for outstanding performance by the District Councils, Directorate of College Education in Sindh and by other agencies.

INTRODUCTION OF EHSAAS SCHOLARSHIP

The University of Sindh disbursed approx. 2500 scholarships under the "EHSAAS Undergraduate Scholarship programmes" offered by Higher Education Commission, the scholarship contains Rs. 40000/- as stipend and full annual fees. Scholarship targets bachelor students who are enrolled on merit basis.

Prof. Dr. Mushtaque Ali Jariko
Director
Students Financial Aid Office

ANTI-HARASSMENT CELL

The Anti-Harassment Cell is approved on Government approved Act, "The protection against harassment of women at the workplace Act 2010" This Act builds on the principles of equal opportunity for men and women andtheir right to earn a livelihood without fear of discrimination as stipulated in the Constitution. According to this law, the institutions can deal with sexual harassment cases within the institution without going to the police or court of law.

Harassment is an unwanted physical or verbal behaviour that upsets or humiliates the individual. It may cause general stress, insomnia, mental stress, self-dislike, suicidal thoughts, low self-esteem, lack of concentration, reduced self-confidence. The harasser can be your class fellow or a lab fellow, a teacher or supervisor (for marks/ grades/ degree), clerk, laboratory assistant, peon or individual of another department, or even a nonemployee.

Contact

You can send your application on prescribed form at usindh.edu.pk website or you can email your complaint on harassmentcommittee@usindh.edu.pk. Visit personally at our office at COMPLAINT CELL, Administration Block AC-2, First Floor or contact on Phone No. 022 9213247. Also, a complaint box is fixed at First Floor, Syed Ghulam Mustafa Shah Administration building, University of Sindh, Jamshoro.

Your privacy is our first priority. You are totally safe and all complains will be kept confidential. Do not hesitate to come and share your fears.

The inquiry committee and harassment complaint cell constitute the following members:

1. **Prof. Dr. Naseem Aslam Channa**
   Chairperson,
   Director, Institute of Biochemistry
   Email: drnachanna@usindh.edu.pk
2. **Prof. Dr. ZareenAbbasi**
   Member
   Dean, Faculty of Social Sciences
   Email: zareen.abbasi@usindh.edu.pk
3. **Mr. Ghulam Muhammad Bhutto**
   Member
   Director Admission
   Email: gm.bhutto@usindh.edu.pk

DIRECTOR STUDENT AFFAIRS

Welcome to the Department of Student Affairs (DSA). Our main objective is to facilitate students throughout their stay at the university. DSA provides a wide range of activities, services and resources to students in their academic, co-curricular and professional pursuit. The department also aims to remove the hurdles which can impede progress of students.

We believe that education is not only about influx of information, but it is also about imparting values and ideals that help students to have an objective and sober stance about society. Therefore, the department is striving to make students feel proud and instilling the spirit of tolerance, compassion and commitment.

DSA is striving hard to engage the youth in healthy activities such as sport competitions, festivals, rallies, seminars, workshops, trainings and other creative programmes at the University of Sindh,

Objectives to be achieved:

- To provide an atmosphere of unity within the student body so that they may be able to have a good university experience and earn the respect of both the student community and the society at large
- To support the university administration in promoting physical, intellectual, cultural and spiritual wellbeing of students
- To inculcate new knowledge in students for human development and social transformation
- To create an environment of open discussion, inquiry and self-expression to ensure the personal freedom
- To promote a healthy and positive attitude among students in order to make them not only better citizens, but also better future leaders.

Vision:

The vision of the Directorate of Student Affairs resonates with the vision of the University of Sindh i.e., providing students with art facilities and quality education which can enable students to be responsible, tolerant, peaceful and empowered leaders.

ALLAMA I.I. KAZI CENTRAL LIBRARY

Historical Background

The present Allama I. I. Kazi Central Library became functional in 1975. This building is centrally located at a height commanding a grand view of the River Indus. It is in close proximity of the teaching faculties and student hostels.

The present collection of the library and its 48 Seminar libraries and six campuses consists of 448562 books i.e., approximately 80,000 books in the Oriental Section and an almost similar number of books in other sections. The library has precious and rare collection of approximately 711 manuscripts (Mostly 600 to 800 years old) and 25000 (Twenty-five thousand) rare books (19th century publications, both in occidental & oriental languages.

SECTIONS OF THE LIBRARY

1	Acquisition Section
2	Allama I.I Kazi Reference Section
3	General Reference Section
4	Book Bank Section
5	Book Bank Reference Section
6	Circulation Section
7	Circulation Reference Section
8	Manuscript/Rare Book Section
9	Digital Library/Internet Section
10	Newspaper Section
11	Book Binding Section
12	Oriental Section
13	Technical Processing Section
14	Thesis Section (Ph.D/M.Phil)
15	United Nations Publication Section

Students of the University of Sindh are eligible for the membership of the Library. Also, students enrolled in various departments of the university are entitled to borrow the books from the three sections of Allama I.I. Kazi Central Library.

Library Hours

Morning and Evening:

Summer & winter: 8:00am to 10:00pm without any break

Plr Bux Bajeer

Librarian

Tel.No. Direct : 9213239   librarian@usindh.edu.pk

INFORMATION TECHNOLOGY SERVICES CENTRE (ITSC)

In the University of Sindh, different campuses, faculties, institutes/departments and centers are widely using various IT applications and services for teaching, research and administration purposes. This growing usage of IT applications and services has created a high demand to provide the best possible required IT support to all the stakeholders of the University of Sindh. In pursuance of this, the University of Sindh established the centralized Information Technology Services Centre (ITSC) in 2018 with the vision that there should be a centralized IT center, which will provide best IT facilities to all the stakeholders of the university in an efficient and centralized manner.

The IT Services Centre is responsible to execute the following tasks:

1. Maintaining campus-wide network of the University
2. Developing, upgrading and integrating campus management system and Student Teacher Portal
3. Maintaining and updating the university website services
4. Developing and maintaining the university surveillance system
5. Maintaining the library of software applications/tools
6. Providing IT related trainings and technical support to all the stakeholders of the university
7. Online Attendance System
8. Student-Teacher Learning Management System (LMS).
9. Online Result Submission System.
10. Online Exam, Admission Form Submission Systems

Dr. Zeeshan Bhatti
Director
Information Technology Services Centre (ITCS)
itsc@usindh.edu.pk

Note: All queries will be addressed through email in next 48 hours.

SPORTS FACILITIES

The University of Sindh provides the following sports facilities to the enrolled students:

1. Sindh University P.C.B. grassy Cricket ground
2. Hyder Bukhsh Jatoi Pavilion main grassy ground
3. Badminton Hall
4. Table Tennis Hall
5. Boxing Hall
6. Mader e Millat Girls Gymnasium
7. Karate, Taekwondo, Ju-Jitsu, Judo, Wushu Floor
8. Gymnastic Hall
9. Playing Facility Foot Ball
10. Playing Facility Hockey
11. Playing Facility Volley Ball
12. Basket Ball Outdoor Court
13. Tennis Outdoor Court
14. Fitness Centre.

Ajved Ahmed
Director Sports (Boys)
University of Sindh,
Jamshoro.

TRANSPORT FACILITIES

The Transport Section University of Sindh is providing the pick and drop facility to teachers, students, staff members and employees. Moreover, Transport Section of the University of Sindh provides buses and vans to students for study visits, annual picnics and also for research activities. For hostel students including boys and girls, evening point buses are plied for students of Hyderabad city. The shuttles are also used to give service at mid time.

OFFICE OF RESEARCH, INNOVATION & COMMERCIALIZATION (ORIC)

The objective of the Office of Research, Innovation & Commercialization (ORIC) is to develop, expand, enhance and manage the university's research Programmes and to link research activities directly to the educational, social and economic priorities of the university and its broader community. The ORIC is also responsible for assuring that the quality of research reflects the highest international standards and advances the stature of the university internationally.

ORIC shall guarantee that all research Programmes and policies reflect the core values of academic freedom, professional integrity and ethical conduct and full compliance with all policies, legal requirements and operational standards of the university.

For this ORIC wants to improve the environment for all research and scholarship by:

- ✓ Supporting the strategic research directions and policies of universities
- ✓ Improving integration of research and education at all levels of the institution
- ✓ Increasing and diversifying external research funding
- ✓ Improve recruitment and retention of the top faculty
- ✓ Translating research for the public's benefit
- ✓ Improving and strengthening university-industry relationships
- ✓ Promoting entrepreneurship, technology-transfer and commercialization activities which improve and support the economy
- ✓ Promoting and improve multi-disciplinary research initiatives.

Dr. Muhammad Aqeel Bhutto
Director (ORIC)
Phone No. +92 -22- 9213210

QUALITY ENHANCEMENT CELL (QEC)

QEC of the University is working under the esteemed guidance of the Vice Chancellor and the parameter laid down by the QAA, HEC, Islamabad. Following are the functions of QEC

- To promote public confidence that the Quality and standards of the award of degrees are enhanced and safeguarded.
- To review the quality standards and the quality of teaching and learning in each subject area.
- To review the academic affiliation with other institutions in terms of effective management of standards and quality of Programmes
- To define clear and explicit standards as point of reference to the reviews to be carried out. It should also help the employees to know as to what they should expect from candidates.
- To develop qualification framework by setting out the attributes and abilities that can be expected from the holder of a qualification i.e. Bachelors, Bachelor with Honors, Master's, M. Phil, Doctoral.
- To Develop Programme Specifications. These are sets of standards to inform and clarify what knowledge, understanding, skills and other attibutes a student will have developed on successfully completing a specific Programme.
- To develop quality assurance processes and methods of evalution to affirm the quality of provision and the standard of awards are being maintained and to foster curriculum, subject and staff development, together with research and other scholarly activities.
- To ensure that the university's quality assurance procedures are designed to fit in with the arrangements in place nationally for maintaining and improving the quality of Higher Education.

QEC is fulfilling this commitment by implementation of self-Assessment processes of academic Programmes; participate in national and international events on higher education quality assurance. Futhermore, the QEC organizes various HEC indigenous on campus trainings, skill development workshops and hands on trainings for all the stakeholders (students, faculty members and the supporting staff) to actively engage them in establishment of quality culture in the University.

QEC is the member of international quality assurance agencies including Asia Pacific Quality Network (APQN), The International Network for Quality Assurance Agencies in Higher Education (INQAAHE) and The Talloires Network. The directorate is also actively in contact with international ranking agencies (QS, THE, UI Green metrics, UniRank) and has participated in UI Green Metrics 2018, QS Asian University Ranking 2019 and UniRank 2019.

Dr. Altaf Hussain Nizamani
Director, Quality Enhancement Cell
University of Sindh, Jamshoro

BUREAU OF STAGS

The Bureau of Students Tutorial Guidance/Counseling Services and Co-Curricular Activities (STAGS) was established on August 16th, 1993 with the idea that there should be an institution in the university to guide and counsel the students coming from various regions and to provide them chance to explore their hidden talent and polish their skills.

STAGS provides information and guidance to the students regarding job openings in the private and public sectors. The Bureau remains in touch with recruitment agencies and keeps students informed and updated about job and internship opportunities. The department also holds the responsibility to chalk out programmess for the betterment welfare and enhancement of knowledge of the students such as Orientation Programmess, Departmental, Provincial and National level contests including Qirat, Naat, Debate, Declamation, Quiz, Essay, Music and Exchange of Student Delegation Programmess.

SOCIETIES & CLUBS

Bureau of STAGS hasintroduced six (6) extra curricular societies and clubs covering 44 different areas of learning and skills developing where each club will be having a complete team working for their related activities and such groups play an essential role in tutoring, personality development to make them self-groomed individuals when they enter the professional world. Membership can be obtained through formal registration procedure.

The societies include Debating Society, Media Club, Writers' Club, Art & Music Club, Iqra Society (for Qirrat, Na'at&Hamd) and Software Developers Club.

SINDH UNIVERSITY VOLUNTEERS

Serving as a volunteer is one of the best and most impactful ways to contribute to our combined success. From the platform of Bureau of STAGS, University of Sindh for the first time introduced the volunteer programmes to create positive change in the development.

The students undertake volunteering by organizing and managingvarious official events i.e. (Pre-EntryTest, Convocation & Orientation etc.) andfacilitating others student to promote their participation as well as gaining new skills, experience working through formal and informal avenues/fora.

Dr. Ghazala Panhwar
Director Bureau of STAGS

PROSPECTUS COMMITTEE

Convener
Prof. Dr. Lachhman Das Dhomeja
Director
Dr. AHS Bhukhari, IICT, University of Sindh

Members
Prof. Dr. Muhammad Khan Sangi
Professor, IELL, University of Sindh

Prof. Dr. Ayaz Keerio
Director Admissions, University of Sindh

Prof. Dr. Rabia Asma Memon
Professor, Institute of Plant Science, University of Sindh

Dr. Altaf Hussain Nizamani
Director, QEC, University of Sindh

Mr. Muhammad Aqeel Bhutto
Director, ORIC, University of Sindh

Dr. Abdul Hameed Panhwar
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