



Government College University Faisalabad



PROSPECTUS 2014



*In the name of Allah
the Most Gracious,
the Most Merciful*

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Chancellor



Ch. Mohammad Sarwar
Governor, Punjab

Chief Minister



Mian Muhammad Shahbaz Sharif
Chief Minister, Punjab

Pro Chancellor



Rana Mashhood Ahmad Khan
Education Minister

Vice Chancellor



Prof. Dr. Zakir Hussain
Vice Chancellor GCUF



Prof. Dr. Zakir Hussain
Vice Chancellor

Prof. Dr. Zakir Hussain, PhD in Agri Economics from Colorado State University, Colorado, USA, joined Government College University Faisalabad as Vice Chancellor on October 25, 2010. He has been associated with teaching, research and administration with local as well as foreign institutions including University of Agriculture Faisalabad and University of Sargodha as Dean; US-Aid, FAO, Colorado State University and Kansas State University as project manager; Agricultural Assessment International Corporation USA as Director; Ministry of Labor, Manpower and Overseas Pakistanis as Joint Secretary; RNEP Cairo Egypt as Policy Officer; Agri Business Cell as Federal Cotton Commissioner and Pakistan Central Cotton Committee as Vice President. He has supervised a number of M.Phil and PhD theses. A strong exponent of research he has more than 100 research publications to his credit. His area of academic interest is rural poverty alleviation, its dynamics and economic policies at national and international levels. Highly charismatic and innovative, Dr. Zakir Hussain has revolutionized the academic, administrative and research culture of GCUF. He developed not only departments but also faculties in different universities and is known for his academic ideas and contribution in the field of higher education specially research.

The Message

Government College University, Faisalabad is a dynamic seat of learning. It provides inspiring and stimulating environment for research, formal education and professional growth. Research output and quality of education of our University in the past four years has been phenomenal. This improvement is reflected in rapidly ascending ranking of the University in the HEC from 59th to the 5th position and growing confidence of the social and business community of the region.

One of the hallmarks of the university is its innovative and up to date syllabi are in accordance with the international standards. Our curricula inculcate creativity, objectivity and critical thinking. Government College University, Faisalabad imparts values of commitment to learning and professionalism. The students develop confidence, adaptability and high level communication skills.

Our University offers a wide range of courses in the fields of Natural and Physical Sciences, Information Technology, Telecom Engineering, Food and Home Sciences, Law, Pharmacy, Management & Business Sciences, Humanities, Social Sciences, Fine Arts, Bio-technology and Bio-informatics etc. Directorate of Continuing Education and Institute of English and Modern Languages have added a new dimension to the University teaching. These two institutions impart communication and professional skills necessary for professional life.

The Directorate of Distance Learning has been catering to the academic and professional educational needs of the large number of male and female students by striving to provide them easy access to quality education without the constraints of space and time.

Our University ensures a successful and bright career for its students. It is hoped that GC University will earn more laurels in future by responding to the needs of society and market.



The City of Faisalabad

Faisalabad, the Manchester of Pakistan is one of the first planned and systematic cities in the sub continent envisaged by the British Government, after the name of Sir James Lyall. Lyallpur was the first name ascribed to this fertile land of Sandal Bar. The unique bond present between the sister countries Pakistan and Saudi Arabia paved the way to rename the city after the name of our friend, late King of Saudi Arabia, King Faisal. The City is catering to the needs of more than six million people. Agriculture and industry remains the hallmark of Faisalabad with a powerful and ever developing thrust in these sectors. Faisalabad International Airport, Faisalabad Dry Port and Industrial Zone linked with the Motorway are facilitating this hub of industrial activities.

The historical Clock-Tower with Eight Bazars designed after Union Jack, presents a magnificent example of town planning located in the province of Punjab to the west of Lahore, the provincial capital. With the proper infrastructure, road linkages Faisalabad serves as an example as district, as division and as a city for the developing world. The Faisalabad International cricket and hockey stadiums host international matches. The city has produced great leadership in the fields of politics, education, sports, agriculture, economy, bureaucracy and biotechnology.



Government College University Faisalabad

Mission Statement

Our Mission is to provide students an enabling environment where dialogue is encouraged and ideas envisioned. We provide the intellectual and physical infrastructure that holds students to the highest moral and ethical values. We achieve these goals with the cooperation of both public and private sectors as well as the faculty and students of GCUF.

A black and white photograph of a large, multi-story building with a series of arched windows. The building is partially obscured by the branches and leaves of trees in the foreground. A sign on the left side of the building reads "NIAH MOHAMMAD YOUSUF BLOC".

NIAH MOHAMMAD
YOUSUF BLOC

History & Introduction

Government College University, Faisalabad has emerged as a leading center of learning and research in a short span of time. The University with its dynamic faculty and innovative syllabi has become a catalyst of intellectual, social and industrial change. It caters to the diverse needs of society by imparting education in almost all the major fields of learning.

The Government College University's journey started as a primary school in 1897 in the present building of Government College for Women, Karkhana Bazar, Faisalabad. It was promoted to High School and Intermediate College in 1905 and 1924 respectively. It was elevated to the degree level in 1933 and postgraduate disciplines were introduced in 1963. The long journey that started with the humble beginning reached its climax when it was granted the status of University in October 2002.

The Government University, Faisalabad has a long history of excellence and distinction as an institution. Renowned scholars and eminent personalities have served this institution in various capacities at various stages of its history. It has produced outstanding personnel who have earned great fame not only for themselves but also for the nation.

The luminaries like Mr. Abdul Hameed, Mr. W.H.F. Armstrong, Mr. Lala Chattan Annand, Mr. Hashmat Khan, Mr. Taj Khyal, Mr. Namdar Khan, Mr. Karamat Hussain Jafari, Mr. Mukhtar Mahmood Qureshi, Dr. Asif Iqbal Khan and Dr. Arif Zaidi have served this institution.

Dr. Zakir Hussain

Vice Chancellor

VC Secretariat
Mr. Zeeshan Ahmad Khan Staff Officer to Vice Chancellor

Office of the Treasurer
Mr. Ghulam Nabi Additional Treasurer
Mr. Nadeem Mushtaq Deputy Treasurer
Mr. Faisal Asghar Assistant Treasurer
Mr. Muhammad Azhar Assistant Treasurer

Resident Auditor
Mr. Muhammad Aslam Rana Resident Auditor

IT Services
Mr. Khuram S. A. Qureshi IT Manager
Mr. Moeen Qureshi Network Administrator
Mr. Karim Jawad Lab Engineer
Mr. Abdul Qaddus Software Engineer
Mr. Hassan Mahmood Computer Programmer
Mr. Mohsin Ali Network Engineer

Transport Office
Prof. Dr. Farhat Abbas Transport Officer
Mr. Khawar Riaz Transport Supervisor

Registrar Office
Mr. Muhammad Ayub Registrar
Mr. Muhammad Akram Advisor (HRP)
Mr. Muhammad Asif Latif Additional Registrar (Academics)
Mr. Ghulam Ghous Additional Registrar (Recruitment & Meetings)
Ms. Shazia Afzal Assistant Registrar (Registration)
Mr. Muhammad Farhan Iqbal Assistant Registrar (Establishment)
Mr. Taimur Nawaz Assistant Registrar (Registration & DVC)

Project Management Unit
Ch. Muhammad Alam Project Director (Old Campus)
Mr. Ajaz ul Hassan Project Director (New Campus)
Mr. Muhammad Afzal SDO

Legal Cell
Mr. Muhammad Asif Latif University Attorney
Mr. Mushtaq Ahmad Malik Legal Advisor / Counsel
Mr. Muhammad Javed Pansoota Legal Advisor / Counsel

Media Cell
Mr. Zulqarnain Media Consultant
Mr. Naeem Sarwar Khan Photographer

Office of the Controller of Examination
Prof. Dr. Iftikhar Hussain Bokhari Advisor, Examinations
Ms. Kishwar Naheed Rana Additional Controller of Examinations
Ms. Farah Naz Deputy Controller of Examinations
Mr. Khuram S. A. Qureshi Incharge Monitoring Cell
Mr. Asim Ismail Assistant Controller of Examinations
Mr. Muhammad Ehsan Lodhi Assistant Controller of Examinations
Mr. Muhammad Mehran Arshad Khan Assistant Controller of Examinations (Layyah)
Mr. Khalid-ur-Rehman Lab Engineer
Mr. Touseef Murtaza Computer Programmer

Health Care
Dr. Muhammad Afzal Deputy Chief Medical Officer
Dr. Misbah Ishtiaq (On study Leave) Senior Medical Officer

Student Financial Aid Office
Ms. Saima Perveen Assistant Registrar (SFAO)

Directorates
Prof. Dr. Riaz Hussain Dab Director, Directorate of Medical Sciences
Ch. Muhammad Mushtaq Director / Senior Advisor Administration
Prof. Dr. Haq Nawaz Director, Planning & Development
Prof. Dr. Iftikhar Hussain Bukhari Advisor, Directorate of Procurement & Inventory Control
Mr. Jaweed Anjum, Director Procurement & Inventor Control
Mr. Muhammad Mazhar Waseem Director External Linkages
Prof. Dr. Hazoor Muhammad Sabir Director Advanced Studies
Dr. Hidayat Rasool Director Undergraduate Studies
Prof. Dr. Farhat Abbas Director Academics / Director Quality Enhancement Cell (QEC) / Director Research Innovation & Commercialization (ORIC)
Dr. Nadeem Sohail Director Student Affairs
Dr. M. Naeem Mohsin Director Distance Learning Education
Mr. Nadeem Saeed Assistant Registrar, Distance Learning Education
Mr. Muhammad Rafique Wahla Director Sports

Institutes
Prof. Dr. Naureen Aziz Qureshi Director Institute of Biological Sciences
Prof. Dr. Nighat Bhatti Director Institute of Home and Food Sciences
Prof. Dr. Muhammad Zuber Director Institute of Chemistry
Prof. Dr. Muhammad Shahbaz Arif Director Institute of English and Modern Languages

Constituent Colleges
Dr. Hazoor Muhammad Sabir Principal College of Management & Administrative Sciences
Dr. Nadeem Sohail Principal College of Commerce
Mr. Sibqat Ullah Tahir Principal University Community College

Security
Rana Masroof Ahmad Security Officer

Deans / Incharge Officers
Prof. Dr. Muhammad Shahbaz Arif Dean Faculty of Arts & Social Sciences
Prof. Dr. Naureen Aziz Qureshi Acting Dean Faculty of Science & Technology
Prof. Dr. Humayun Abbas Coordinator Faculty of Islamic & Oriental Learning
Prof. Dr. Riaz ul Haq Tariq Advisor Faculty of Management & Administrative Sciences
Prof. Dr. Khwaja Zafar Ahmad Supervisory Officer Faculty of Pharmaceutical Sciences
Prof. Dr. Farhat Abbas Coordinator Faculty of Engineering

Library
Mr. Nisar Jameel Consultant Libraries
Tariq Latif Librarian
Mr. Muhammad Ishfaq Librarian
Ms. Anila Shamim Librarian (University Community College)

Hall Council
Prof. Dr. Sofia Anwar Chairperson Hall Council

Libraries

Introduction

The Libraries are wonderful gathering places to study, to write and to pursue scholarly research, to learn and use information technology, and draw on collections of printed and electronic resources. The University Library acts as a gateway to information and knowledge. GC University Faisalabad has a rich Library system, including a Main Library and Libraries in Faculties, Departments, Directorates, Institutes and Colleges.

Mission

The mission of the GCUF Library is to achieve excellence in the provision and promotion of information services to meet the research, teaching and learning needs of the University. We are committed to help the students and the faculty to take advantage of these resources. An effective use of information resources is a necessary precondition to an academic success and even throughout life. It is our goal at the libraries to provide excellent service to students and faculty that will advance each user's learning, teaching, and research experience at the GC University Faisalabad.

Objectives

Our main objective is to provide the information to our users that they want. The effectiveness of this function is directly related to provision, development and organization of information services. In this desire, we are making systematic efforts in building up the collection development by identifying, evaluating, selecting, processing and making it available to the users. Whether it is a book, a journal or an online database, or any other learning resource that gets added, goes through a rigorous selection process.

Collections

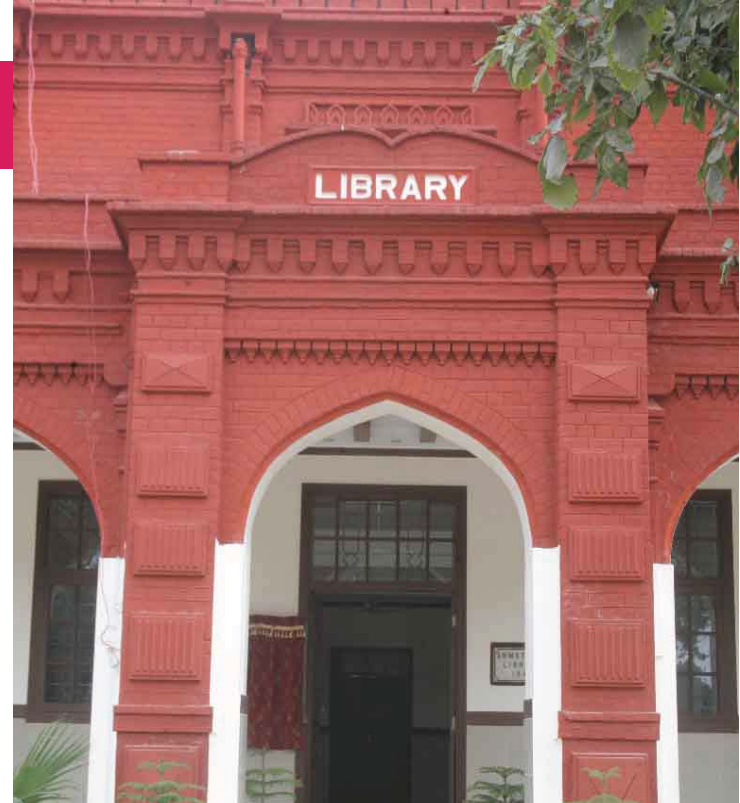
The GCUF Library collection of scholarly materials catering to the needs of the University Community, comprising students to staff members, teachers/scholars, and visiting researchers. The largest Library is the Main Library. The total stock of libraries is about 90,000 books/Library materials. All Libraries have well organized collections of considerable value. Our book collection contains rare editions, reference volumes, critical guides and latest releases. We have a large collection of research journals/periodicals including magazines. You will also find copies of the daily newspapers for reference. We subscribe current titles of journals from all over the world to meet the needs of students, faculty members and researchers.

Organization of Materials

The Dewey decimal classification scheme is used for the classification of books. Anglo American Cataloging Rules are followed in the cataloging process.

Access / Facilities

Most of the Libraries have open shelf systems and users can get free access to the library materials. Computers with access to library resources and the Internet are available in Libraries mostly. Research access is available to all University Community in the form of catalogues, licensed library resources and websites. Priority for use is given to students, faculty, and staff pursuing research. The concerned library staff is available to advise and guide the users. Information about the library use policy is available at the Library Circulation Desks.



Scholarships (Students' Financial Aid Office)

The University Authority established the Students Financial Aid Office (SFAO) on October 28th, 2007 in collaboration with the Higher Education Commission Islamabad to provide financial help to the needy and deserving students of the University and to award scholarships under various programs. Ms. Saima Parveen, Assistant Registrar/Incharge, Students Financial Aid Office deals all the financial matters of the needy and deserving students.

Mission

The Students' Financial Aid Office is primarily responsible for providing all information, services, and assembling financial resources that are available to and/or needed by students who are attending GC University in order to obtain an undergraduate or graduate degree. Financial aid resources are those that are provided by both internal (university and/or endowment funds), governmental (PEEF, Professional Education Internal Merit and District Merit Scholarship) and private agencies or organizations.

Vision

The Students' Financial Aid Office (SFAO) is an integral part of and partner in carrying out and actualizing GC University's overall purpose and strategic planning. The fundamental purpose of the financial aid program is to make education possible for students who might otherwise be deprived of this higher education opportunity due to inadequate funds and /or previous limited educational opportunities.

Goals

1. Establish essential manual and automated processes to support awarding financial aid in a timely manner.
2. Award financial assistance to qualified students, according to institutional and Govt requirements and with a focus on individual student needs.
3. Establish regular communication flow between the SFAO and the students/parents.
4. Provide individual student/parent assistance in completing necessary applications and managing personal resources as they are needed to augment financial assistance in covering educational expenses.

Scholarships available in GCUF

- Pakistan Scottish Scholarship Scheme (S-3)
- Prime Minister's Fee Reimbursement Scheme
- Kayla Gift Fund Trust
- Karwan-e-Ilam Foundation
- Punjab Zakat Department (MORA)
- District Council Internal Merit Scholarships
- Pakistan, Bait-ul-Maal
- Professional Education Foundation (PEF)
- NBP Student Loan Scheme.
- Faisalabad Development Trust (FDT)

• Punjab Educational Endowment Fund (PEEF)

is an initiative of the Government of the Punjab under the leadership and patronage of Mian. Muhammad Shahbaz Sharif, Chief Minister of Punjab. It is established with the objective of providing scholarships/monetary assistance to talented and needy students to Graduate and Master level students.

• Prime Minister's Fee Reimbursement Scheme

Prime Minister of Pakistan has initiated Prime Minister's Fee Reimbursement Scheme for Less Developed Areas. The Federal Govt., in move to support the educational sector of less developed areas of Balochistan, Gilgat/Baltistan, FATA, Interior Sindh, South Punjab, Malakand, Kohistan and D.I.Khan areas of Khyber Pakhtunkhwa has decided to pay the tuition fee of all the students of these areas studying in Masters, M.Phil and Ph.D in the Public Universities of their respective area of domicile.

• Japanese Needs Based Scholarship & HEC Needs Based Scholarship

Higher Education Commission, Islamabad, is also providing Need Based Scholarships like Japanese Need Based and HEC Need Based Merit Scholarship for needy students to the students of Basic Sciences and Social Sciences at Graduate & Master level.

• The Student Advancement Endowment Fund (SAFE)

PEP Foundation made an initial donation to the University to support the principal of SAFE. SAFE account will be utilized only for the sole purpose of awarding scholarships to needy students and for capacity building projects/programs for the direct benefit of students. The funds will be treated as endowment principal money and will not be used for any other purposes under any circumstances.

Note:

Students who have received any other financial assistance/scholarship and admitted on bench fee cant' apply for another scholarship.



Transport Facility (for Female Students)

The University runs a fleet of buses for facilitating students (ONLY FEMALE STUDENTS) and female staff to commute to and from campus around the city. All buses are deluxe and high capacity. The transport facility is being provided within a radius of 30 km. Public transport buses are also available near the campus. The students are required to apply for the same at least 15 days before the start of session. Students can board a bus after showing the bus pass to the bus in-charge, which will be issued to him/her in advance.

Transport facility is allotted on semester basis for students admitted for regular programme for the duration of regular academic session.

All rights of permission to avail the transport facility are reserved with the University and can be denied to any student. No student shall be entitled to claim this facility as a matter of right.

Transport facility will be allotted on First Come First Serve basis.

Routes and pick up points are indicative and are subject to change from time to time.

Transport facility will be provided till the end of the regular academic session including regular exams. It is generally not provided after the end of academic session for any purpose like summer school/reappear examination/ make up examination/PEP classes etc. However in case Transport facility is provided by the University after the end of regular academic session for any other purpose, additional proportionate transport fee will have to be paid by the student as prescribed by the University.

Normally timings for University Bus to arrive at the University Campus will be 7:45 a.m. and departure (Morning at 2:00 pm, Evening at 5:30 pm) unless otherwise announced by the University.



ROUT # 1 (Morning)

Abdullahpur – Mansoorabad – Noor Fatima, Kashmir Mor – Pipan wala pul – Lasania Hotel Madina town – Faizan-e-Madina – Social Security Hospital –D-ground, Hameed Chowk – Shell Petrol pump, Satiana road – Gate Chowk, Satiana road –Paharri Chowk – Borr Chowk – Siddiqia Qabrastan – Nalka Stop – Saleemi Chowk – GTS Chowk – University

ROUT # 3: Samnabad and D-type, etc.

ROUT # 4: Ghulam Muhammadabad

ROUT # 5: Millat Road, Sheikhpura Road, etc.

ROUT # 2 (Noon)

Abdullahpur – Mansoorabad – Noor Fatima, Kashmir Mor – Pipan wala pul – Lasania Hotel Madina town – Faizan-e-Madina – Social Security Hospital – Tezab Mill Chowk -- D-ground, Hameed Chowk – Shell Petrol pump, Satiana road – Gate Chowk, Satiana road –Paharri Chowk – Borr Chowk – Siddiqia Qabrastan – Nalka Stop – Saleemi Chowk – GTS Chowk – University

ROUTES TO BE STARTED ON DEMAND OF UPCOMING STUDENTS

Health Services

The University Medical Health Center consists of Senior Medical Officers Dr. Misbah Ishtiaq, Dr. Muhammad Afzal and one Dispenser.

The Medical Health Center provides first aid and outdoor medical facilities to the students. The outdoor medicines are also provided to the students and emergency cases are referred to Allied Hospital and DHQ hospital on University Ambulance.

The staff members of the university are also examined by University Medical Officers and prescribe the medicine. Only in emergency condition medicines are provided. The University provides the services to refer the University employees for outdoor and indoor medical treatment to Government / Private hospitals on the panel of the university, and the outdoor and indoor medical re-imbursment facility is also provided through the Medical Health Center under the supervision of the Medical Re-imbursment committee headed by the convener.

The medical health center provides first aid facilities to university athletes during university games.



IT Services

The Department of IT Services is working with highly qualified and skilled personnel to provide, maintain and manage the IT infrastructure of the University. One of the primary objective is to facilitate all the departments in both their educational and training activities relevant to computers and Information Technology. The following facilities are available at the campus

Campus Management Solution

The Campus Management System, designed to promote paperless university administration. It is unique and comprehensive software. Its features allow users to maintain academic history of students with complete transparency in records and provides a medium for teachers, staff and administration to work in harmony. The application encompasses all the features relevant to the university. The system has a complete role based access where in various resources are made available depending upon the role assigned.

- Admin Portal
- Chairperson Portal
- Dean Portal
- Faculty Portal
- Student Portal
- Examination Portal
- Registration Portal
- Portal for Affiliated Colleges
- Portal for Distance Learning Education
- Portal for University Community College
- Fee Portal
- Hostel Portal
- DSA Portal
- Online Admission
- Online Attendance
- Online Results
- Online Salary Slips
- Student & Faculty ID Cards Printing



Video Conferencing

GC University Faisalabad has its own Video Conferencing Unit provided by the Higher Education Commission. GCUF conducts its scholarship interviews through video conferencing via HEC. This unit provides the facility to take online lectures, seminars, conferences, thesis defence from both national and international universities.

Digital Library

To facilitate research in the University, HEC has provided access to digital libraries. A programme has been formulated to provide researchers and students with access to latest, authentic literature from high quality journals, database and articles covering a wide range of disciplines. Digital library resources provided by HEC are: Springerlink, Blackwell Synergy, Ebrary, Ebscohost, McGraw Hill's Collections McGraw-Hill's Access Science, McGraw Hill's Digital Engineering Library, Taylor & Francis Journals, Oxford University Press, E-Books and free medical journals.

Digital Book Bank

GC University has its own digital book bank which has been developed through the sole effort of University's IT Services Department. It contains over 25000 e-books for different fields of interest, downloadable software and virtual lectures videos. Domain of this book bank is expanding day by day to cater to the needs of academicians and students.

Wireless and Wired Internet Facility

GC University is amongst the very few universities of the country which have given the facility of wireless internet to both the students and the staff members. The University has the credit of being the first university which is using this hi-end intelligent Wi-Fi system. The wireless setup comprises modern state of the art technology which is both robust and resilient. The IT Services Department provides 24/7 internet access.

PERN

Pakistan Education & Research Network is the only research and education network of Pakistan. The purpose of this national research and education network is to provide communication infrastructure to the universities, institutions of higher learning and research organizations to meet their networking and internet requirements. The network has evolved significantly and is providing valuable services, like high-speed internet, audio/video conferencing, access to digital library resources. GC University Faisalabad has obtained the bandwidth of 64 MB from this PERN project.



Hall Council

In the Hall Council office presently two girls hostels, named Federal Hostel and Khadija Hostel are situated in the Allama Iqbal Campus, having residential capacity of about 300 students. Keeping in view, the growing demand of accommodation, for the students coming from remote areas, another girl's hostel with the capacity of 400 students is already under completion that will be available at the strength of Hall Council in few months. One another Girls hostel is under construction at new campus GCUF with the capacity of 300 students, going to be completed in next 6 months.

The admission of students in the hostels is purely on merit and here merit means the distance of their home district from GC University, Faisalabad. Student after securing her admission, has to submit an application in the office of chairperson Hall council, Dr. Sofia Anwar on printed application form duly recommended by concerned head of department. Admission form may be obtained from the same office with the deposit of Rs. 300.

One Assistant superintendent and one superintendent hostel is being appointed from the regular female faculty of GCUF in each hostel, who reside in the respective hostel with the students to look after them and facilitate in various matters. Both hostels are provided with the facility of Mess, run by the committee of students itself under the supervisory control of Superintendent hostel and Hall warden. Facility of Generator and DSL connection is also provided to the students' for their smooth study and research work. Recently a water cooling tank with the capacity of 300 liters is also established to provide the drinking water day and night. In case of medical emergency students are rushed to nearby hospitals, the university ambulance facility is available all time. Round the clock security guards are standing on the gate for the protection of students.

Students residing in the hostels have to strictly follow the rules and regulations made by Hall Council office. All the dues have to be paid in time. If any student is found in violation of any disciplinary or financial rules, her admission may be cancelled by Chairperson Hall Council with confiscation of all types of deposited security if required.

Security

Security staff comprises 88 security personnel. The primary function of the security staff is to help Principal Security Officer in maintaining law and order in the university campus. Security staff also ensures safety of university property. The security guards also assist Directorate of Student Affairs in dealing with the issues arising out of the violation of university code of conduct. It is all due to the untiring efforts of the Principal Security Officer and his staff that university is successfully maintaining discipline since GCUF is a crowded campus of over 28000 students of various academic disciplines.





DIRECTORATES

Directorate of Undergraduate Studies

The Government College University Faisalabad is striving hard to achieve excellence through quality education and research. This institution is providing education to students according to the growing demands of Academia, Research organizations, Industry and thus contributing to the development of Nation at National & International level.

The University has 6 faculties comprising of 40 departments imparting education in various disciplines. Before the establishment of Directorate of Undergraduate Studies, every department was maintaining the complete student's record at individual level. The University authorities have realised the need to centralize the complete process of Admissions & maintenance of student's record.

Keeping in view the above, Directorate of Undergraduate Studies was established in 2012 in order to maintain the complete record of the Undergraduate students from Admission till completion of degrees. The Directorate has also the responsibility to facilitate the students in their academic issues i.e. enrollment, re-enrollment, freezing, de-freezing and other relevant academic matters during the course of studies.

Moreover, the Directorate is maintaining the record file of every individual student admitted in Undergraduate programs including the students of affiliated colleges. Despite meager resources in terms of infrastructure facilities and limited human resource, the Directorate has been working successfully since 2012.

Staff:

- | | | |
|----|--------------------|-----------------|
| 1. | Mr. Zeeshan Nawaz | Deputy Director |
| 2. | Ms. Zahida Perveen | Assistant |
| 3. | Hafiz Sohrab Ali | Assistant |
| 4. | Mr. Adnan Ali | Assistant |

Phone: +92-41-9200584 Ext: 107

Email: dugs@gcuf.edu.pk

Directorate of Advanced Studies

Government College University Faisalabad was chartered by the Government of Punjab in 2002. This is very new and the only general university in the central Punjab that is growing fastly and accommodating more than 28000 students at present. Many innovative, need based cross cutting academic programmes have been introduced in this University within short span of its establishment and many more are expected to be launched very soon. This will help to meet the ever growing needs of fast growing textile industrial hub, commercial centre and business cosmopolitan city of Faisalabad in particular and for the central Punjab in general. The University has now entered into consolidation and coordinating phase.

The Directorate of Advances Studies has been established to stream line the functioning of different programmes that have been either already launched at all academic disciplines or to be launched in near future. This Directorate has been given the mandate to facilitate all the post-graduate students for their admission, enrollment, approval of supervisory committees, approval of synopsis, approval and organization of defense of synopsis and thesis.

The Directorate of Advanced studies has also been entrusted with the task to prepare and recommend new rules and procedures to further strengthen and improve the academic discipline in the light of different directives and precedents of Higher Education Commission (HEC) of Pakistan. This Directorate is striving hard and burning mid night oil for achieving excellence and ensuring authenticity, transparency, competitiveness and timely completion of all degree programmes within the stipulated period. We are confident, optimistic and sincerely hope that the incoming students for higher studies in GC University, Faisalabad shall find pleasant and learning environment at the campus and shall also find their alma mater quite conducive and helpful for completing their study work and doing post-graduate research work.



Directorate of Academics

Introduction

The Government College University Faisalabad is striving hard to establish and promote quality education and research culture. For this purpose several departments have been established. Among these departments at GC University, Faisalabad Directorate of Academics was established in 2010 to streamline and improve academic activities at the University and for improving and maintaining the quality of education and academic activities at GC University Faisalabad.

Objectives

- To improve student academic activity and instructional practices.
- To improve teacher's communication skills and teaching methods.
- To improve learning environment.
- To support teachers for new trends in learning.
- To ensure affective interaction between student and teacher.

Activities

- Revision and up gradation of course contents.
- Curriculum development and implementation.
- Student counseling guidance on academic issues.
- To maintain regularity of classes and online attendance system.
- Reviewing rules and regulation regarding academic program.
- Improving examination system and transparency of this system.



Government College University Faisalabad



18

Quality Enhancement Cell (QEC)

History of QEC

QEC was established under the guidelines of the HEC to enhance, maintain and monitor quality of higher education. GC University Faisalabad is among those thirty universities in Pakistan in which QECs have been established since 2006. The Higher Education Commission issued directions for the establishment of QEC on Oct. 16, 2006. In October 2006, GCUF authorities constituted the cell according to the guidelines of HEC.

Vision of QEC

The Vision of the Quality Enhancement Cell, Govt. College University Faisalabad is to be a bench mark in respect of Quality of Research and Quality of Education among HEC Recognized Universities.

Mission of QEC

The Mission of the Quality Enhancement Cell, Govt. College University Faisalabad is to ensure and enhance the Quality of Higher Education and Establishment of Research Oriented Environment at Govt. College University, Faisalabad so that the students can play a vital role in the development of our mother-land "Pakistan"



Prospectus 2014

Office of Research, Innovation and Commercialization (ORIC)

As per HEC requirements, the nomenclature of the Directorate of Research GCUF has been changed as the Office of Research Innovation & Commercialization (ORIC), GCUF. Therefore, from now onward, we would refer this office as ORIC.

GCUF Research Projects Database

The ORIC prepared a “Research Project Database” for all completed and existing research projects of GCUF. The ORIC assists PI’s for completing their new proposals. All new proposals are submitted to ORIC for initial review (at least for format and necessary attachments, if not for technical components). The ORIC gets these proposals signed from the competent authority before sending them to the respective funding agencies through registrar office. Successful projects count considerably during calculations for university ranking. Researchers of GCUF have to bring good number of projects to the university as do the researchers of institutes of higher ranks. Therefore, ORIC organizes workshops for tips on writing winning proposals.

GCUF Publications Database

Publications play pivotal role in HEC university ranking. The ORIC has prepared a “Publication Database” to record all published work of the researchers of GCUF. The database enlist publications in impact factor, national, and international journals. Since HEC will not give considerations to non-impact factor publications after June 30, 2012, it has been decided to encourage GCUF researchers to publish in high impact journals. Through generating the Publication Database, the ORIC calculates impact factors of

individual researchers, departments, and the four faculties of GCUF to give fair credit to researchers/departments/faculties for achievements of GCUF.

GCUF Research News

A “GCUF Research News” letter is published on monthly basis, to i) portray one GCUF scientist/researcher every month, ii) update and report impact factor of researchers, departments, and the four faculties of GCUF, iii) introduce successful research project(s) during the previous month, iv) highlight grant writing tips, and v) upcoming deadlines for submitting research proposals.

Synopses and Theses Writing

The Directorate of Advance Studies (DAS) and the University Review Committee for Synopses and Theses require research students to follow certain rules set by DAS for synopses and theses writing. The students are usually unable to submit these documents within due date because of improper guidance and/or training. The ORIC organizes workshops on how to write synopses and theses with the help of DAS and the University Review Committee for Synopses and Theses.

Internal and External Linkages

The ORIC is open to suggestions for improvements. Our goal is to upgrade GCUF’s ranking. GCUF is striving for excellence. The ORIC will create good working relationship with higher learning institutions, industries and donor agencies especially NIAB, NIBGE, UAF, HEC, PSF, PARB, PARC, PCSIR, British Council, USDA, JICA, CIDA, and others to enhance entrepreneurship, academic and research excellence.

Directorate of Student Affairs

Directorate of Student Affairs (DSA), GC University, Faisalabad focuses not only on the overall personality grooming of students but also covers discipline, health facilities, workshops, career services, counseling services, and financial assistance to students in the back-drop of emerging modern trends in the education sector. This office was assigned the task of working for the promotion and facilitation of co-curricular and cultural activities. In a short span, DSA has been successfully providing a forum with nine functional societies to the students to express their recreational and literary talents. Life on campus for students, teaching and non-teaching staff in marked with multidimensional cultural functions and academic activity.

Various seminars on current national and international issues have also been organized. Musical evenings, Sham-e-Ghazal, theatrical performances by the students, debate competitions, fun fair and regular sports activities in the University keep the students involved in creative activities, polish their organizational skills thus keeping them away from getting themselves involved in any anti-social or extremist activity.

In the shape of University magazine The Beacon, the students find the best way to present their creative talent in prose and poetry. Inter-university tours provide students with opportunity to get the latest information and update their knowledge with a sense of positive comparison and develop in them a sense of belonging.

To add to it, DSA has established Departmental Cultural and character building societies in order to promote healthy cultural environment at grass root level. The Recently held “All Pakistan Bilingual Declamation” is the first kind of its activity since the inception of university in which debaters from 25 major universities of Pakistan participated. Another significant achievement is the launching of inter departmental tutorial group programmes at under-graduate level which provides an excellent opportunity to the students of various departments to interact with each other resulting in competitive atmosphere in areas of research and other co-curricular fields.

Directorate of Sports

Introduction

The Directorate of Sports was established on October 23, 2002. The Govt. College Faisalabad, was granted the status of G.C University, Faisalabad, it has produced eminent professional players like, Shahbaz Senior, Best hockey player of the world.

Mission

Close collaboration and healthy competition within the Departments of the University and participation of G.C.U.F sports teams in Pakistan Inter Universities Sports competitions, under the auspices of Higher Education Commission Islamabad promote sports at various levels.

Objectives

- The directorate is striving to provide national and international players for promotion of sports at University and National level.
- Capacity building of both male & female players.
- To organize training programs for students separately for male and female players.
- The award of cash prizes and sports scholarships to encourage the budding student players, who won medals at Inter-Varsity and National Championships.
- To create healthy environment in the campus through sports activities.
- To organize sports competitions among the Departments and award the certificates and trophies to the position holder players.



Directorate of Medical Science

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Email: dms@gcuf.edu.pk

Message of the Vice Chancellor

Government College University Faisalabad is a dynamic seat of learning. It provides inspiring and stimulating environment for research, formal education and professional growth. Research output and quality of education of our university in past two years has been phenomenal. This improvement is reflected in rapidly ascending ranking of the University in HEC

We have therefore an enormous responsibility that can only be fulfilled by cultivating, nurturing and mentoring young minds, employing the best of available human and material resources

As the tertiary level educational institution and the largest and most comprehensive general University in Faisalabad we offer a wide range of courses in the fields through Natural and Physical Sciences (Environmental Sciences, Botany, Chemistry, Industrial Chemistry, Wild life and Fisheries, Physics, Mathematics, Statistics, etc.) to Information technology and Computer Sciences, Telecom. Engineering, Food and Home Sciences, Law, Pharmacy, Management & Business Sciences, the Humanities, Social Sciences, Fine Arts, and also in emerging areas of Bio-technology, Bio-informatics, etc.

With the vision and idea to serve the ailing humanity, new educational horizons for the pre medical intermediate students are opened and newly established directorate of medical sciences is established under the leadership of Dr Riaz Hussain Dab. The directorate is already offering graduate courses in Physical Therapy and Allied Health Sciences

This year we have started Bachelor of Eastern Medicine and Surgery a five year degree program duly approved by Board of Studies, Academic Council and Syndicate. We are prepared to start 6 month certified program for diabetes educators.

One of the hallmarks of the directorate of medical sciences is its innovative and up to date syllabi are in accordance with the international standards. Our curricula inculcate creativity, objectivity and critical thinking in diagnostic and treatment methods for our graduates. GCUF imparts values of commitment to learning and professionalism. The students develop confidence adaptability and high level of interpersonal communication skills

Our university ensures a successful and bright career for its students. It is hoped that GC University will earn more honors in future by responding to the needs of society and the medical community

With best wishes for your career.

Prof. Dr. Zakir Hussain

Vice Chancellor

Message of the Director

All the praise is to our CREATOR and HOLY PROPHET (peace be upon Him) who ordered human being to read and learn. The knowledge and skills which help to relieve the pain of humanity is very dear to Him. Worthy Vice Chancellor Prof. Dr. Zakir Hussain is a visionary planner and committed educationist with strong qualities of appreciating community needs. His constant encouragement and guidance persuaded me to put in all my experience of medical teaching in starting Allied Health Professionals training programs and College of Physical Therapy. We are all committed to start these programs in which the students will be given problem solving knowledge and training under direct supervision for which MoU have been signed with three major hospitals of Faisalabad. We aim at teaching and training these students not only in their professional knowledge and applied professional skills in addition they will be taught Behavioral Science, Basic I.T Knowledge and Research Methodology.

They will be assets in health care programs both nationally and internationally. I and my team make commitment to work as strong team to conduct the programs to excellence under strong leadership of Vice Chancellor.

Prof. Dr. Riaz Hussain Dab

MBBS, FRCS (Ed), FCPS (Pak)

Colleges and Departments

1. College of Allied Health Professionals (AHP)
2. College of Physical Therapy (CPT)
3. Department of Eastern Medicine (DEM)

Note:

The admissions in different programs under Directorate of Medical Sciences do not follow the general timeline of admissions in GCUF. Rather admissions are taken after the entry test for different medical colleges in Punjab to facilitate the students who are unable to secure their admissions in medical colleges.

College Of Allied Health Professionals (AHP)

Allied Health Professional is a new Program in Faisalabad, which is a need of the day. In this regard, the need base survey was conducted within Faisalabad among Health Educational of Faisalabad, 92% respondents agreed/appreciated the Program.

In today's modern health care systems, an individual cannot deal with the all the patients and equipment's alone. Now, it is a combined team effort in which a doctor, nurse, paramedical staff and most importantly allied health professionals participate equally. Allied Health Care Professionals are the persons who have different education and training from the individuals practicing medicine, dentistry, nursing, and pharmacy. An estimate stated that the allied health professionals constitute about 60% of the total man power of health care system. They work in health care teams to make the system function by making available a wide variety of investigative, practical, technical, curative, and therapeutic and to provide direct patient care. They also sustain the services that are critical to the other health professionals with whom they work and serve the patients adequately

Programs Offered:

1. Bachelor's Degree BS (Hons) (4 year program)

- i) Medical Lab Technology (MLT)
- ii) Radiography & Imaging Technology (RIT)
- iii) Operation Theater Technology (OTT)

2. Associate Degree (2 year program)

- i) Medical Lab Technology (MLT)
- ii) Radiography & Imaging Technology (RIT)
- iii) Operation Theater Technology (OTT)

Eligibility and Selection Criteria

Intermediate (pre medical) with 60% marks for Bachelor's Degree program

Intermediate (pre medical) with 50% marks for Associate Degree program

Open merit for both male and female.

The students finally selected will be interviewed for personality and aptitude for the medical education.

Mode of Admission

Once in a year (Annually)

Aim and Objectives

The aim of the course is to produce Allied Health Professionals who are well skilled to work at an entry level and have capabilities to precede higher levels in the Hospital.

On completion of this course graduates will be able to:

- Demonstrate the understanding of the paramedical techniques.
- Possess an introduction to medical sciences.
- Demonstrate ethical behavior and decision-making.
- Formulate policy and practice producing healthy environmental impacts.

Career Paths

Allied Health Professionals have been on the rise in the last decade. The Associate Degree in AHP would serve the needs of those wishing to pursue a career related to the Medical sciences. Having gained an understanding in the following paramedical trainings, student can excel his abilities by continue his education on the same lines and become the technologist in Allied Health Sciences.

- Operation Theater Technology,
- Medical Laboratory Technology,
- Radiography and Imaging Technology,
- Training programs in Medical Laboratory Technology, Radiography & Imaging

Training Program

Associate degree and BS degree programs has been started at Government College University Faisalabad, Pakistan in 2012. The community has responded well and there was tough competition for admission. It is expected that the graduates of this program will fill the gap. This program envisages as pyramid system, with 2 years Associate degree a base and apex is PhD in 9 years (in between there are BS and MPhil programs).

Achievements

- A project in regard to Allied Health Professional was submitted to TNE (Trans National Exchange) for financial grant. The project was accepted and approved by TNE (British Council) in June, 2013, and released the grant in favor of GCUF.
- Establishment of Anatomy
- A library having good collection of medical books.

College of Physical Therapy (CPT)

Program Offered

Doctor of Physical Therapy (DPT) (5 year program)

Physical Therapy is an essential segment of modern health care system. It pertains to the clinical examination, evaluation, assessment, diagnosis and treatment of Musculo-skeletal, Neurological, Cardio-Vascular and Respiratory systems disorders including symptoms of pain, oedema including physiological, structural and psychosomatic ailments. It deals with methods of treatment by movement's manipulations, manual therapy, physical agents, and therapeutics modalities. Physical therapy covers basic parameters of healing sciences i.e. preventive, promotive, diagnostic, rehabilitative, and curative.

Eligibility and Selection Criteria

Intermediate (pre medical) with 60% marks,

Open merit for both male and female.

The students finally selected will be interviewed for personality and aptitude for the medical education.

Duration of the Course

10 semesters (5 years degree program) + One year of house job (Rotational)

Mode of Admission: Once in a year (Annually)

Goals of the program

The purpose of the doctor of physical therapy program (dpt) is to prepare physical therapists who will:

- Be primary providers of physical therapy care.
- Serve as responsible members in the professional community and are willing and able to assume leadership roles in the communities they serve.
- Identify researchable problems, advocate and participate in research, and incorporate research findings into clinical practice.
- Understand and place in context the social, economic and cultural issues of practice and effectively advocate for changes in policy
- Correlate theory with practice and think creatively about, react to, adapt or shape new practice environments.
- Participate in and provide education for communities, patients, peers, students and others.

Scope for physical therapist

Outpatient, In door patients, Intensive care, Women's health, Care of the elderly, Stroke patients, Orthopedics, Mental illness, Sports departments, Learning difficulties, Occupational health, Pediatrics, Special schools, private practice, Education (teaching and coordination), Leisure & Sport activities centers

Department of Eastern Medicine

Program offered

Bachelor Eastern Medicine and Surgery (BEMS) 5 Year Program

Eastern Medicine is being practiced continuously in many countries all over world. The countries where it has, to some extent, enjoyed and official status are, India, Pakistan, Bangladesh, Srilanka and South Africa. In Pakistan the government under the order of president started registration of Hakeems. Tibb enjoys wider public acceptability in the countries of Middle East, Far East, Europe and North America.

Eligibility and Selection Criteria

Intermediate (pre medical) with 50% marks or equivalent.

Open Merit for both male and female

The student finally selected will be interviewed for personality and aptitude for the medical education.

Aims

The aim of 5 year degree program is to equip students with relevant professional knowledge, skills, techniques and ethical values to enable them to apply their acquired expertise.

Career options

- Medical practice
- Public health
- Academia
- Teaching
- Research
- Pharmaceutical industry

Duration of the Course

10 semesters (5 years degree program) + One year of house job (Rotational)

Mode of Admission

Once in a year (Annually)

Note:

Admission of Medical Sciences run by Directorate of Medical Sciences and done after Completion of Admission in the medical Colleges. This is to avoid confusion and duplication of efforts. Admission process is started after completion of Entry Test of Medical Colleges. Admission process is completed in six weeks and classes are started by First January.

Faculty of Directorate of Medical Science

Prof. Dr. Riaz Hussain Dab

Director, Directorate of Medical Sciences
MBBS, FRCS (Ed), FCPS (Pak)

Mr. Atif Saleem

Deputy Director of Medical Sciences
MSc, BUMS

College of Allied Health Professional

Dr. Naheed Akhter

Assistant Professor
MSc, M.Phil, PhD

Dr. Naveeda Gilani

Assistant Professor
MBBS, FCPS

Dr. Aurangzaib

Assistant Professor (Visiting)
MBBS, DMRD

Dr. Altaf Ur Rehman

Assistant Professor (Visiting)
MBBS, MCPS, PhD

Mr. Imtiaz Mehmood Tahir

Lecturer
BSc (MLT), MSc, MPhil

Dr. Sammia Gul Niazi

Research Officer / Incharge AHP
Pharm D

Ms. Naila Iftikhar

Lecturer
BS (RIT)

Mr. Muhammad Naeem

Lecturer
BS (OTT)

Mr. Mohsin Khurshid

Lecturer
BS (MLT), M.Phil

College of Physical Therapy

Dr. Awais Bin Inam

Incharge College of Physical Therapy
BSPT

Dr. Muhammad Asif Saleem

Lecturer
BSPT, t-DPT

Dr. Rafia Imtiaz

Lecturer
BSPT

Dr. Ramiza Khalid

Lecturer
BSPT, DPT

Dr. Mehr-un-Nisa

Lecturer
BSPT., DPT

Dr. Rehan

Lecturer
DPT

Dr. Hafiz Mohammad Anas

Research Officer
BSPT

Dr. Sundas Zahra

Research Officer
BSPT

Department of Eastern Medicine

Dr. Syed Muhammad Ali

Assistant Professor
BEMS, MPhil, PhD

Mr. Atif Saleem

Lecturer, In charge DEM
BUMS, MSc

Mr. Riaz-ul-Rehman

Lecturer
BEMS, MPhil

Mr. Hamad Ahmed

Lecturer
BEMS, Mphil (PATH)



Directorate of Distance Learning Education

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Message of the Vice Chancellor

Distance Education is an important part of the educational options. Distance education has a very critical role in advancing the development of Pakistan as it plays a central role in enhancing participation and access in higher education. G.C University, Faisalabad has established the Directorate for Distance Learning Education to promote quality education without the constraints of space and time. The aim is to reach the remote parts of Pakistan and beyond to achieve the objective of training man power and reaching the doorsteps of learners in every alcove and corner of not only Faisalabad, but also throughout the country and abroad.

The programs that are innovative and relevant to the society are offered with moderate cost and modern facilities. G.C University has clear vision to cater to the needs of learners in various fields. Accessibility, quality, flexibility and relevance are the major strengths of directorate for distance learning, G.C University.

I hope the directorate for Distance Learning Education, G.C University will provide the best educational opportunities to our entire student population, while providing specialized service to learners of remote areas. I welcome all to join the GCUF family and wish all the success in your learning endeavor.

With best wishes for your career.

Prof. Dr. Zakir Hussain

Message of the Director

Education has been playing a vital role in the development of the societies of the world since long. At present, education is not only a social and moral imperative; it is also an economic necessity. Moreover, education, health and shelter are considered to be the basic human needs.

At present the literacy rate of Pakistan is measured as 54% and the female literacy rate is 42% only and in rural areas the female literacy rate is 29%. Distance education is appropriate to address the issue of gender discrimination and to provide opportunities of equal access to quality education at all levels to all individuals in Pakistan. It is feasible for providing education to not only female population but also working class where they do not have enough time to attend regular classes.

Directorate of Distance Learning Education (DLE) is a comparatively new and novel project in its initial phase, and is hopeful to eliminate gender discrimination in Pakistan. The continuous support and collaboration of all the academic departments can play an important role in taking this project ahead. We, at Directorate of Distance Learning Education welcome all to collaborate to ensure quality education and promote higher education throughout Pakistan.

Dr.M.Naeem Mohsin

Vision

To provide commendable role model in academics, professionalism, operations and service by using innovative technologies and methodologies by ensuring convergence of existing systems for massive human resource required for promoting integrated national development and global understanding.

Mission

To provide an intelligent and flexible system of education to meet the challenges of access and equity, and work towards development of a knowledge society.

Objectives

The objectives of Distance Learning Education are to:

provide educational facilities to people on their door step.

provide facilities to ensure quality education and promote entrepreneurship education.

hold examinations and to award and confer degrees, diplomas, certificates and other academic distinctions.

increase competitiveness, quality of life with short and practical studies

enhance professional knowledge and skills through Practical courses

develop, foster and carry out cooperation with various institutions

Introduction

The Distance Education has evolved as an alternative to the formal system of education after an increasing realization that it is not perfectly coping with the educational needs and demands of the rapidly growing population. The demand for education in Pakistan through formal system has consistently run ahead of resources and the bulk of their population, therefore, remains educationally deficient, and there are failings in formal system, the need of non-formal education in various disciplines becomes evident in concept of distance education. The distance education help to: 1) cope with the rapid increasing demand of education, 2) provide mass education at reasonable and low costs, 3) acquire education at any stage of their life and, 4) boost up the professional development of working people on their job place.

Instead of bringing students to the seats of learning, it was proposed to take schools to the students and hence this concept of distance education came into existence in G.C University Faisalabad.

The main components of its teaching system are:

1. Correspondence package which includes self-learning printed study material.
2. Correspondence tuition and face to face tutorial meetings with qualified tutors.
3. Workshop of each selected course at the end of each semester
4. Course assignments (as an instrument both for teaching and continuous assessment).
5. Final examination at the end of the Semester.

Programs Offered

Business Administration
BBA Business Administration
MBA- Executive
MBA 3.5 Year

Computer Science
BS in Computer Science

Commerce
M.Com
B.Com

Mathematics
M.Sc Mathematics

Economics
M.Sc Economics

Pakistan Studies
M.Sc Pakistan Studies

Applied Psychology
M.Sc Applied Psychology

Education
M.Phil Education
M.Ed, M.Ed Special Education
B.Ed, B.Ed Special Education

Public Administration
MPA

English Literature
M.Phil English
M.A English

Sociology
M.Sc Sociology

International Relations
M.A International Relations

Urdu
M.A Urdu

B.Tech (Pass)
Electrical, Civil, Mechanical & Electronics

New Programs for the Coming Semester / Term

M.Phil
Mathematics,
Administrative Sciences
Special Education
Persian
Urdu
Punjabi
Arabic

M.A/M.SC Administration
Computer Science
History
Library Science

B.S
Islamic Studies
Computer Science, Dars-e-Nizami

Admission Policy/Criteria for Undergraduate BS (4-Year) Programmes

1. All genders having domicile of Punjab are eligible for admission.
2. The maximum age limit for the eligibility is 22 years on the closing date of the applications. However, the age may be relaxed upto two years by the Competent Authority.
3. The candidates with at least 45% marks in FA/F.Sc./I.Com/ICS or equivalent examination are eligible to apply for all programmes except BS (SE), Pharm-D, B.Sc. Electrical Engineering (specialization in Telecommunication) and BS Engineering/ Electrical/ Electronics/ Telecommunication Technology, where, at least, 60% marks are required as per the requirement of the respective councils.
4. Admission applications will be submitted to the office of the Director Undergraduate Studies and the said office shall display the merit list (s) of the eligible candidates accordingly.
5. Admission will be granted strictly on merit i.e. on the basis of the marks obtained in FA/F.Sc./I.Com/ICS or equivalent examinations in 2014 and 2013 for morning programmes only. However, candidates of the earlier sessions will be considered by deducting 10 marks for each year for evening programmes only.
6. Admission will be granted provisionally subject to verification of the certificates of the candidates from the relevant Secondary Board. Equivalence certificate is required from IBCC Islamabad/Lahore (where applicable).
7. Clearance of UET, Lahore Entry test is compulsory for B.Sc. Electrical Engineering (specialization in Telecommunication) BS (Software Engineering) programmes and BS Engineering Technology programmes.
8. Pre-requisites:

The following pre-requisites have been proposed for the respective undergraduate programmes with the condition that the candidates must have studied these subjects at secondary or higher secondary level for respective programmes:

BS Home Economics:	FA/F.Sc. or equivalent and Matric with Science (Equivalence certificate from IBCC)
BS Food Science & Nutrition	i) F.Sc. (Pre-Medical/Pre-Engineering) OR equivalent (Equivalence certificate from IBCC) ii) DAE, Food Technology (2 seats)
B.Sc. Electrical Engineering (Specialization in Telecommunication)	i) F.Sc. (Pre-Engineering/ Pre-Medical with additional subject Mathematics) / ICS with Physics and Mathematics ii) DAE, Electrical (only 2 seats)
BS (Software Engineering)	i) F.Sc. (Pre-Engineering/ Pre-Medical with additional subject Mathematics) / ICS or equivalent (Equivalence certificate from IBCC)
BS Engineering/ Electrical/ Electronics and Telecommunication Technology	DAE Electrical, Electronics, Telecom
Pharmacy	F.Sc. (Pre-Medical) or equivalent (Equivalence certificate from IBCC)
BS Physics & Mathematics	F.Sc. (Pre-Engineering)/ Pre-Medical, with additional subject Mathematics) / ICS with Physics and Mathematics
BFA	a) Intermediate b) The candidate will have to pass the aptitude test.
LLB (5-years)	Intermediate or equivalent (Equivalence certificate from IBCC)

Admission Policy/Criteria for Undergraduate BS (4-Year) Programmes

B.Ed. (H) (Elementary) (One year)	Intermediate or equivalent
B.Ed. (SS) (One year)	i) BA/B.Sc./B.Com ii) Additional 10 marks will be awarded to those students who have passed MA in any subject iii) 3 marks will be awarded for teaching experience (maximum upto three years, one mark for each year)
BS Microbiology & BS Physiology	FSc Pre-Medical
BS (CS) & BS (IT)	FSc Pre-Engineering/ ICS with mathematics or equivalent

9. Two seats shall be fixed for the candidates who have passed DAE in the respective departments.
10. Besides the open merit, the candidates may apply against the reserved seats for different programmes as explained below:
 - a. For Morning Programmes:**
Besides the open merit, the candidates may apply against the reserved seats i.e. 2% seats for sports, 2% seat for disabled, 2% seats for children of university employees (1% for teaching and 1% for non-Teaching), 5% seats for FATA/FANA (Gilgit/ Baltistan) and Balochistan, 2% seat for co-curricular activities and 5% seats for overseas Pakistanis. However, there will be no sports and co-curricular quota for Pharm-D, BSc Electrical Engineering, BS(SE), BS(Public Administration), BBA, BBA (Banking & Finance)
 - b. For Evening Programmes:**
Besides the open merit, the candidates may apply against the reserved seats i.e. 2% seats for children of university employees (1% for teaching and 1% for non-Teaching).
11. Hafiz-e-Quran will be given 20 marks. A Hafiz-e-Quran candidate shall be evaluated by the following committee.

i.	Prof. Dr. Hamayun Abbas Shams Chairman, Department of Islamic Studies & Arabic	Convener
ii.	Prof. Dr. Iftikhar Hussain Bukhari Chairman, Department of Chemistry	Member
iii.	Dr. Sher Ali Assistant Professor, Department of Islamic Studies & Arabic	Member

The fee shall be charged from the candidates under the quota of overseas Pakistanis of two times of regular fee.

Note:

- a. Only such candidates will be admitted on sports quota who have played at Board level.
- b. Admission on the reserved/quota seats will be completed by the specified committee (s) in accordance with the admission rules for reserved seats

Admission Policy/Criteria for Graduate Programmes

Master (2-Year) & Professional programmes i.e. MBA (3 ½ Year), MBA Banking & Finance (3 ½ Year)
MBA Industrial Management (3 ½ Year), MPA (2-Year) & LLB (3-Years)

1. All genders having domicile of Punjab are eligible for admission.
2. The candidates shall be eligible to apply for admission, who have:
 - a. At least 45% marks in terminal degree.
 - b. At least 45% marks in the major subject in which admission is being sought (where applicable) i.e. Applied Linguistics, Applied Psychology, Botany, Chemistry, Economics, English, Applied Chemistry, Mathematics, Computer Science, Physics, Statistics and Zoology.
3. The candidates who have passed BA/B.Sc./B.Com or equivalent examination in 2014 and 2013 will be considered for admission in morning programmes. In case of evening programs, the candidates of earlier sessions will be considered by deducting 10 marks for each year.
4. Maximum age limit is 26 years on the last date of receipt of applications.
5. Age relaxation shall be granted in special cases by the Competent Authority upto 2 years.
6. Admission applications will be submitted to the office of the Director Advanced Studies and the said office shall display the merit list (s) of eligible candidates accordingly.
7. The admission will be granted on open merit on the basis of following formula:
 - a. Total marks in BA/BSc/B.Com, in case of variation total marks will be converted out of 800 + marks obtained in the major subject (where applicable). However, *Hafiz-e-Quran will be given additional 20 marks.
 - b. In professional programmes as MBA (3-½ years), MBA B&F (3-½ years), MBA IM (3-½ years), MBA Entrepreneurship (1-½ years), MPA (2-years) & LLB (3-years), admission will be granted according to the following formula and as per HEC policy/guidelines:
Total marks in BA/BSc/B.Com or equivalent + 20 marks for Hafiz-e-Quran*.
* 20 marks for hafiz e Quran will be granted to those candidates who will be declared successful after evaluation by the requisite committee constituted for this purpose. A Hafiz-e-Quran candidate shall be evaluated by the following committee.

i.	Prof. Dr. Hamayun Abbas Shams Chairman, Department of Islamic Studies & Arabic	Convener
ii.	Prof. Dr. Iftikhar Hussain Bukhari Chairman, Department of Chemistry	Member
iii.	Dr. Sher Ali Assistant Professor, Department of Islamic Studies & Arabic	Member

Note: Disable candidates will have to provide a disability certificate from the Social Security Department in Masters programme also.

- c. Criteria for M.Ed. will be as under:
Total marks in B.Ed. + 10 additional marks will be awarded to the candidates having Masters degree in any subject.

Admission Policy/Criteria for Graduate Programmes

Master (2-Year) & Professional programmes i.e. MBA (3 ½ Year), MBA Banking & Finance (3 ½ Year)
MBA Industrial Management (3 ½ Year), MPA (2-Year) & LLB (3-Years)

8. Pre-requisites:

The following pre-requisites have been approved for the respective graduate programme with the condition that the candidates must have studied these subject at secondary or higher secondary level for respective programmes:

MBA (1-½ year) Entrepreneur	i. BBA ii. MBA (2-year) iii. 16 years of business education
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9. Besides the open merit, the candidates may apply against the reserved seats for different programmes as explained below:

a. For Morning Programmes:

Besides the open merit, the candidates may apply against the reserved seats i.e. 2% seats for sports, 2% seat for disabled, 2% seats for children of university employees (1% for teaching and 1% for non-teaching), 5% seats for FATA/FANA (Gilgit & Baltistan) and Balochistan, 2% seat for co-curricular activities and 5% seats for overseas Pakistanis. However, there will be no sports quota and curriculum quota in MBA, MBA (B&F) and MPA.

b. For Evening Programmes:

Besides the open merit, the candidates may apply against the reserved seats i.e. 2% seats for children of university employees (1% for teaching and 1% for non-teaching).

Note:

- Only such candidates will be admitted on sports quota who have played at Board level/ University level.
- Admission on the reserved/quota seats will be completed by the specified committee (s) in accordance with the admission rules for reserved seats
- Disable candidate: take for master programme

Admission Policy/Criteria for MS/M.Phil Programmes

1. The candidates must have passed MA/M.Sc. or BS 4-years (minimum 130 credit hours) or equivalent degree in the relevant field from HEC recognized institution with at least 50% marks (Under Annual System) or 2.50 CGPA (Under Semester System) for admission to M.S/M.Phil programmes. However, 45% marks are required for admission to M.S./M.Phil in English/Applied Linguistics.
2. Admission applications will be submitted to the office of the Director Advanced Studies and the said office shall display the merit list (s) of eligible candidates accordingly.
3. Following merit computation formula (percentages) will be adopted for M.Phil Programmes:

A	B	C	Total
Academics (80)	Interview (15)	Research Publication(s) (5)	A+B+C (100)

Note:

1- While calculating the merit, 10% marks of the candidates shall be enhanced who have passed under annual system of A category.

2- Gat General Test is abolished under the judgment of Lahore High Court, Lahore and on the analogy of the other public sector Universities of the Punjab.

a. Academics: Merit will be calculated on the basis of the percentage of the Marks of the terminal degree.

b. Interview:

Interview will be taken by the committee headed by the respective Dean. Other members shall be as below:

- Director Advanced Studies/ Nominee
- Chairman of the respective department
- Senior faculty member from the respective department

c. Research Publication (s):

Following additional marks will be awarded to the candidates for publication of research paper (s)/ publication (s) in HEC recognized journal (s) as under:

- 1 research paper/ publication = 3 marks
- 2 or more research papers/publications = 5 marks

Admission Policy/Criteria for Ph.D. Programmes

1. The candidates must have passed M.S./M.Phil with minimum CGPA 3.00 out of 4.00 (Under Semester System) or 1st Division (Under Annual System) in M.S/ M.Phil/ or equivalent degree from HEC recognized institution.
2. Admission to PhD programmes will be made through Directorate of Advanced Studies.
3. Admission applications will be submitted to the office of the Director Advanced Studies and the said office shall display the merit list (s) of eligible of candidates accordingly.
4. The candidate must have passed with 60% score of departmental subject test as the GRE subject test of NTS has been abolished in pursuance of the decision of the Lahore High Court Lahore on the analogy of other public sector Universities of the Punjab. For this purpose, a following committee has been proposed to design and conduct the test.

a. Prof. Dr. Muhammad Zuber	Convener
Chairperson, Department of Applied Chemistry & Biochemistry	
b. Director Advanced Studies/ Nominee	Member
c. Chairperson of the respective department	Member/ Secretary

The respective Dean/ acting Deans of the respective faculty shall ensure the secrecy and transparency of the test.

5. Candidates working in the Government/Semi Government or private institutions shall have to submit “No Objection Certificate” from the concerned organization.

6. Merit Computation for Ph.D. Programmes:

Following merit computation formula (percentages) will be adopted:

A	B	C	D	Total
Academics	Interview	Research Publication(s)	Departmental Subject Test	A+B+C
(80)	(15)	(5)	(Qualify)	(100)

Note:

While calculating the merit, 10% marks may be enhanced of the candidates passed under annual system of A category.

a. Academics:

MS/M.Phil or equivalent:

1st Division (Annual System)/ 60% marks
and 3.00/ 4.00 CGPA (Under Semester System)

b. Interview:

Interview will be taken by the committee headed by the respective Dean.

Other members shall be as below:

- i. Director Advanced Studies
- ii. Chairman of the respective department
- iii. Senior faculty member of the respective department

c. Research Publication (s):

Following additional marks will be awarded to the candidates for publication of research paper (s)/ publication (s) in HEC recognized journal (s) as under:

- i. 1 research paper/ publication = 3 marks
- ii. 2 or more research papers/publications = 5 marks

d. Departmental subject test:

Qualifying (with 60% marks)

* HEC guidelines will be followed for admission to Ph.D.

Reserved Seats Committee

The admission will be made on all reserved seats by the following committee:

- | | |
|---|-------------------|
| i. Prof. Dr. Muhammad Zuber
Chairperson, Department of Applied Chemistry | Convener |
| ii. Dr. Hazoor Muhammad Sabir
Director Advanced Studies | Member |
| iii. Mr. Abdul Qadir Mushtaq
Coordinator, Department of History & Pakistan Studies | Member |
| iv. Dr. M. Nadeem Sohail
Director Student Affairs | Member |
| v. Dr. Hadayat Rasool
Director Undergraduate Studies | Member |
| vii. Mr. Muhammad Rafique Wahla
Director Sports | Member/ Secretary |

Chart of Seats: BS (4-Year) Programmes

Sr	Disciplines	No. of Seats (Open merit)	
		(Morning)	(Evening)
1	Applied Chemistry	50	50
2	Applied Linguistics	50	N.A.
3	Applied Psychology	50	N.A.
4	Arabic	50	N.A.
5	B.Ed (H) Elementary	50	N.A.
6	B.Ed (SS) (One year)	N.A.	50
7	Banking and Finance (BBA)	50	50
8	Bio Chemistry	50	50
9	Bioinformatics & Biotechnology	50	50
10	Botany	50	50
11	BS Engineering Technology, Electrical, Electronics & Telecom	N.A.	120
12	BSc Electrical Engineering (specialization in Telecommunication) (subject to the approval of PEC)	80	N.A.
13	Business Administration (BBA)	50	50
14	Chemistry	50	50
15	Commerce	50	50
16	Computer Science		
	BS (CS)	50	50
	BS (SE)	50	50
	BS (IT)	50	50
17	Economics	50	N.A.
18	English Literature	50	N.A.
19	Environmental Sciences	50	N.A.
20	Fine Arts (FITFD)		
	Graphic Design	50	N.A.
	Textile Design	50	N.A.
	Fashion Design	50	N.A.
	Fine Arts	25	N.A.

Sr	Disciplines	No. of Seats (Open merit)	
		(Morning)	(Evening)
21	Food Science & Nutrition	50	50
22	Geography	50	N.A.
23	History	50	N.A.
24	Home Economics	50	N.A.
25	Industrial Management (BBA)	50	N.A.
26	Islamic Studies	50	N.A.
27	Law	50	N.A.
28	Mass Communication	50	N.A.
29	Mathematics	50	50
30	Microbiology	50	N.A.
31	Pakistan Studies	50	N.A.
32	Pharmacy (Pharm-D) (As approved by Pharmacy Council)	60	60
33	Physics	50	50
34	Physiology	50	N.A.
35	Political Science	50	N.A.
36	Public Administration	50	N.A.
37	Sociology	50	N.A.
38	Statistics	50	N.A.
39	Urdu	50	N.A.
40	Zoology	50	50

Chart of Seats: M.Sc. (2-Year) Programmes

Sr.	Disciplines	No. of Seats (Open merit)	
		(Morning)	(Evening)
1	Applied Chemistry	50	N.A.
2	Applied Linguistics	50	N.A.
3	Applied Psychology	50	N.A.
4	Arabic	50	N.A.
5	Banking and Finance (MBA-3 ½ years)	50	50
6	Botany	50	50
7	Business Administration (MBA-3 ½ years)	50	50
8	Chemistry	50	50
9	Commerce	50	50
10	Criminology*	50	50
11	Economics	50	50
12	Education	50	50
13	English	50	50
14	Environmental Sciences	50	N.A.
15	Geography	50	50
16	History	50	50
17	Industrial Management (MBA-3 ½ years)	50	50
18	International Relations	50	50

Sr.	Disciplines	No. of Seats (Open merit)	
		(Morning)	(Evening)
19	Islamic Studies	50	N.A.
20	Law (3 years)	N.A.	50
21	M.Ed (SS) (One year)	N.A.	50
22	Mass Communication	50	50
23	Mathematics	50	50
24	MBA Entrepreneur (1-½ year)	20	30
25	Pakistan Studies	50	50
26	Physical Education and Sports Science	50	50
27	Physics	50	50
28	Political Science	50	50
29	Public Administration	50	50
30	Punjabi	50	N.A.
31	Social Work	50	N.A.
32	Sociology	50	50
33	Statistics	50	N.A.
34	Urdu	50	N.A.
35	Zoology	50	50

*

- i. The seats of MSc Criminology can be increased.
- ii. Age 50 for government servant/ semi government with nomination

Chart of Seats: MS/M.Phil. Programmes

Sr.	Disciplines	No. of Seats
		(Evening)
1	Analytical Chemistry	20
2	Applied Chemistry	20
3	Applied Linguistics	20
4	Applied Psychology	20
5	Arabic	20
6	Bio Chemistry	20
7	Bioinformatics	30
8	Biotechnology	20
9	Botany	30
10	Business Administration	20
11	Computer Science	20
12	Economics	30
13	Education	20
14	English	20
15	Environmental Engineering	20
16	Environmental Sciences	30
17	Food & Nutrition	30
18	Food Science & Technology	20
19	History	20
20	Information Technology	20

Sr.	Disciplines	No. of Seats
		(Evening)
21	Inorganic Chemistry	20
22	International Relations	20
23	Islamic Studies	30
24	LLM	20
25	Mathematics	20
26	Microbiology	20
27	Organic Chemistry	20
28	Pakistan Studies	20
29	Pharmaceutics	20
30	Pharmacology	20
31	Physical Chemistry	20
32	Physics	25
33	Physiology	20
34	Political Science	20
35	Public Administration	20
36	Sociology	20
37	Software Engineering	20
38	Textile & Clothing	20
39	Urdu	20
40	Wildlife & Fisheries	20
41	Zoology	25

* The seats will be linked with the strength of the requisite faculty concerned. However on the recommendations of the admission committee the Competent Authority will decide to enhance the seats where necessary.

Chart of Seats: Ph.D. Programmes

Sr.	Disciplines	No. of Seats
1	Applied Chemistry	10
2	Applied Linguistics	10
3	Arabic	10
4	Biochemistry	10
5	Biotechnology	10
6	Botany	10
7	Business Administration	10
8	Chemistry	25
9	Computer Science	10
10	Economics	10
11	Environmental Sciences	10
12	Food & Nutrition	10

Sr.	Disciplines	No. of Seats
13	Food Science and Technology	10
14	Information Technology	10
15	Islamic Studies	10
16	Mathematics	10
17	Microbiology	10
18	Physics	10
19	Physiology	10
20	Sociology	10
21	Software Engineering	10
22	Urdu	10
23	Wildlife & Fisheries	10
24	Zoology	10

* The seats will be linked with the strength of the requisite faculty concerned. The research proposal be submitted by the candidate with admission form. However, on the recommendations of the admission committee, the Competent Authority will decide to enhance the seats where necessary.

Admission Policy

- Cut-off degree in BS programmes will not be awarded as it was already discontinued from the academic year 2009-2010.
- 10 seats in addition to the existing seats in every department in the morning & evening programmes (BS & Master) shall be allowed on payment of Rs. 25000/- (Twenty five thousands) per semester as bench fee in addition to the regular fee of the programme except the BSc Electrical Engineering (specialization in Telecommunication) & BS (Software Engineering) programmes .
- Following seats have also been fixed in the following programmes as per HEC – FDP (LD) Scholarship Programme for FATA in addition to regular seats.

BS (H)	=	2
M.Sc.	=	1
MS/M.Phil	=	1
- After completion of admission subject to the availability of seats, the transfer of forms from one department to other department in the morning programme shall be allowed through admission committee subject to deposit of Rs. 2000/- in University account as transfer fee if the seats in the parent department are filled and if the seats are vacant in the desired department.
- Eligibility for admission to MA Punjabi/ MA Urdu programmes will be granted only with anyone of these subjects (Arabic, Urdu, Persian, Punjabi) in BA.
- After completion of the admission, the registration return of all the admitted candidates will be sent to the office of the Controller of Examinations by the Dean of faculty as per the schedule announced by the Controller of Examinations within 15 days from the date of commencement of classes. All the Deans and Directorate of Advance Studies will also reconcile the fee data with University Treasurer within 15 days.
- Parallel admission in any programme is not allowed. The candidate may get admission in the higher degree.
- University reserves the right to change any clause of admission policy or refuse admission to any applicant on disciplinary grounds.
- Admission will be conducted in two phases i.e. in 1st Phase “Admissions of M.Phil and PhD programmes”, in 2nd Phase “Admissions of Masters and BS programmes after declaration of results from the respective boards/ universities.
- The Vice Chancellor is authorized to amend any clause of the admission policy and admission schedule according to requirement.

Note:

Admission schedule will be announced separately with the permission of the Vice Chancellor.

FEE STRUCTURE

Masters 2- Year (Science Programs)																							
Morning: Botany, Chemistry, Applied Chemistry, Statistics, Environmental Sciences, Physics, Zoology, Geography, Microbiology, Mathematics.																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	10500	1750	625			2300	700	175	225	250			1150	575	1150	2225	230	500	175	120	25,450
2			10500	1750	625				700	175	225	250		1500	1150	575	1150	2225	230	500	175	120	21,850
3			10500	1750	625		1500		700	175	225	250			1150	575	1150	2225	230	500	175	120	21,850
4			10500	1750	625				700	175	225	250	2500		1150	575	1150	2225	230	500	175	120	22,850
Total:																						92,000	
Note:- Evening Programme Tution Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Bachelor 4-Year (Science Programs)																							
Morning: Physics, Chemistry, Mathematics, Zoology, Environmental Sciences, Botany, Geography, Statistics, Bioinformatics & Biotechnology, Food Science and Nutrition, Physiology, Micro Biology, Home Economics.																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	8000	1750	700			2300	700	175	150	250			1150	575	1200	2262	230	500	175	120	23,037
2			8000	1750	700				700	175	150	250		1000	1150	575	1200	2262	230	500	175	120	18,937
3			8000	1750	700				700	175	150	250			1150	575	1200	2262	230	500	175	120	17,937
4			8000	1750	700				700	175	150	250			1150	575	1200	2262	230	500	175	120	17,937
5			8000	1750	700				700	175	150	250			1150	575	1200	2262	230	500	175	120	17,937
6			8000	1750	700				700	175	150	250			1150	575	1200	2262	230	500	175	120	17,937
7			8000	1750	700		1900		700	175	150	250			1150	575	1200	2262	230	500	175	120	19,837
8			8000	1750	700				700	175	150	250	2500		1150	575	1200	2266	230	500	175	120	20,441
Total:																						154,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Morning: M.A. Home Economics (2 Years)

Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	18000	2500	600			2300	725	175	225	250			1500	575	1150	2375	230	500	175	120	34,200
2			18000	2500	600				725	175	225	250		1500	1500	575	1150	2375	230	500	175	120	30,600
3			18000	2500	600		1500		725	175	225	250			1500	575	1150	2375	230	500	175	120	30,600
4			18000	2500	600				725	175	225	250	2500		1500	575	1150	2375	230	500	175	120	31,600
Total:																						127,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

MS / M. Phil (Science Programs)

Evening:

Botany, Chemistry, Environmental Sciences, Industrial Chemistry, Mathematics, Physics, Zoology, Geography, Bioinformatics & Biotechnology, Bio Chemistry, Pharmacy, Food & Nutrition, Textile & Clothing, Physiology, Microbiology

Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	3500	1400	32450	1750	600			2300	700	175	125	250			1150		1150	2300	230	500	175	120	48,875
2			32450	1750	600				700	175	125	250		1500	1150		1150	2300	230	500	175	120	43,175
3			32450	1750	600		4100		700	175	125	250			1150		1150	2300	230	500	175	120	45,775
4			32450	1750	600				700	175	125	250	2500		1150		1150	2300	230	500	175	120	44,175
Total:																						182,000	

Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.

Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.

FEE STRUCTURE

Ph.D. (Science Programs)																							
Biotechnology, Botany, Chemistry, Environmental Sciences, Food & Nutrition, Zoology, Home Economics, Physiology, Microbiology																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	3500	1400	34400	1750	600			2300	700	175	135	250			1150		1150	2300	230	500	175	120	50,835
2			34400	1750	600				700	175	135	250		1500	1150		1150	2300	230	500	175	120	45,135
3			34400	1750	600				700	175	135	250			1150		1150	2300	230	500	175	120	43,635
4			34400	1750	600				700	175	135	250			1150		1150	2300	230	500	175	120	43,635
5			34400	1750	600		4990		700	175	135	250			1150		1150	2300	230	500	175	120	48,625
6			34400	1750	600				700	175	135	250	2500		1150		1150	2300	230	500	175	120	46,135
Total:																						278,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Masters 2- Year (Non Science Programs)

Morning: Arabic, English Linguistics, English Literature, Economics, Education, Islamic Studies, Urdu, Applied Psychology, Sociology, Punjabi, Political Science, International Relations, History, Pakistan Studies, Library Sciences, Mass Communication, Health & Physical Education

Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	9400	1750	520			2300	700	175	100	250				575	1150	2225	230	500	175	100	22,950
2			9400	1750	520				700	175	100	250		1500		575	1150	2225	230	500	175	100	19,350
3			9400	1750	520		1500		700	175	100	250				575	1150	2225	230	500	175	100	19,350
4			9400	1750	520				700	175	100	250	2500			575	1150	2225	230	500	175	100	20,350
Total:																						82,000	

Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.

Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.

FEE STRUCTURE

Bachelor 4-Year (Non Science Programs)																							
Morning: Applied Linguistics, Economics, Education, English Literature, Islamic Studies, Mass Communication, Urdu, Political Science, Sociology, Applied Psychology																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	6800	1750	575			2300	700	175	125	250				575	1200	2262	230	500	175	120	20,537
2			6800	1750	575				700	175	125	250		1000		575	1200	2262	230	500	175	120	16,437
3			6800	1750	575				700	175	125	250				575	1200	2262	230	500	175	120	15,437
4			6800	1750	575				700	175	125	250				575	1200	2262	230	500	175	120	15,437
5			6800	1750	575				700	175	125	250				575	1200	2262	230	500	175	120	15,437
6			6800	1750	575				700	175	125	250				575	1200	2262	230	500	175	120	15,437
7			6800	1750	575		1900		700	175	125	250				575	1200	2262	230	500	175	120	17,337
8			6800	1750	575				700	175	125	250	2500			575	1200	2266	230	500	175	120	17,941
Total:																						134,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Morning: Masters in Fine Arts (2 Years)																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	16000	2500	700			2300	725	300	225	250			1700	700	1350	2375	230	500	175	120	32,950
2			16000	2500	700				725	300	225	250		1500	1700	700	1350	2375	230	500	175	120	29,350
3			16000	2500	700		1500		725	300	225	250			1700	700	1350	2375	230	500	175	120	29,350
4			16000	2500	700				725	300	225	250	2500		1700	700	1350	2375	230	500	175	120	30,350
Total:																						122,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Morning: Bachelor 4-Year of Fine Arts

Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	15000	1750	600			2300	700	175	125	250			1150	575	1200	2262	230	500	175	120	29,912
2			15000	1750	600				700	175	125	250		1000	1150	575	1200	2262	230	500	175	120	25,812
3			15000	1750	600				700	175	125	250			1150	575	1200	2262	230	500	175	120	24,812
4			15000	1750	600				700	175	125	250			1150	575	1200	2262	230	500	175	120	24,812
5			15000	1750	600				700	175	125	250			1150	575	1200	2262	230	500	175	120	24,812
6			15000	1750	600				700	175	125	250			1150	575	1200	2262	230	500	175	120	24,812
7			15000	1750	600		1900		700	175	125	250			1150	575	1200	2262	230	500	175	120	26,712
8			15000	1750	600				700	175	125	250	2500		1150	575	1200	2266	230	500	175	120	27,316
Total:																						209,000	

FEE STRUCTURE

MS / M. Phil (Non Science Programs)																							
Evening: Applied Linguistics, Clinical Psychology, Islamic Studies, Pakistan Studies, Urdu, Arabic, English Literature, Economics, Sociology																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	3500	1400	27450	1750	600			2300	700	175	125	250			1150		1150	2300	230	500	175	120	43,875
2			27450	1750	600				700	175	125	250		1500	1150		1150	2300	230	500	175	120	38,175
3			27450	1750	600		4100		700	175	125	250			1150		1150	2300	230	500	175	120	40,775
4			27450	1750	600				700	175	125	250	2500		1150		1150	2300	230	500	175	120	39,175
Total:																						162,000	
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Ph.D. (Non-Science Programs)																							
Arabic, Islamic Studies, Urdu, English																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	3500	1400	30300	1750	600			2300	700	175	135	250			1150		1150	2300	230	500	175	120	46,735
2			30300	1750	600				700	175	135	250		1500	1150		1150	2300	230	500	175	120	41,035
3			30300	1750	600				700	175	135	250			1150		1150	2300	230	500	175	120	39,535
4			30300	1750	600				700	175	135	250			1150		1150	2300	230	500	175	120	39,535
5			30300	1750	600		4590		700	175	135	250			1150		1150	2300	230	500	175	120	44,125
6			30300	1750	600				700	175	135	250	2500		1150		1150	2300	230	500	175	120	42,035
Total:																						253,000	
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Morning: B.Sc (Electrical Engineering)																									
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	BBS	BR	Mosque Fund	Total
1	1400	1400	25000	1750	675			2300	800	175	125	350			3500	575	1800	2262	430	500	175	1100	500	120	44,937
2			25000	1750	675				800	175	125	350		1000	3500	575	1800	2262	430	500	175	1100	500	120	40,837
3			25000	1750	675				800	175	125	350			3500	575	1800	2262	430	500	175	1100	500	120	39,837
4			25000	1750	675				800	175	125	350			3500	575	1800	2262	430	500	175	1100	500	120	39,837
5			25000	1750	675				800	175	125	350			3500	575	1800	2262	430	500	175	1100	500	120	39,837
6			25000	1750	675				800	175	125	350			3500	575	1800	2262	430	500	175	1100	500	120	39,837
7			25000	1750	675		1700		800	175	125	350			3500	575	1800	2262	430	500	175	1100	500	120	41,537
8			25000	1750	675				800	175	125	350	2500		3500	575	1800	2266	430	500	175	1100	500	120	42,341
Total:																								329,000	

FEE STRUCTURE

B.S. Technology (4-Years Program)																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	ID Card	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	2300	1400	24500	1725	1150			2300	505	115	115	230			1320		675	2160	430	500	115	120	39,660
2			24500	1725	1150				505	115	115	230		1000	1320		675	2160	430	500	115	120	34,660
3			24500	1725	1150				505	115	115	230			1320		675	2160	430	500	115	120	33,660
4			24500	1725	1150				505	115	115	230			1320		675	2160	430	500	115	120	33,660
5			24500	1725	1150				505	115	115	230			1320		675	2160	430	500	115	120	33,660
6			24500	1725	1150				505	115	115	230			1320		675	2160	430	500	115	120	33,660
7			24500	1725	1150		1725		505	115	115	230			1320		675	2160	430	500	115	120	35,385
8			24500	1725	1150	3450			505	115	115	230	2500		1320		675	2205	430	500	115	120	39,655
Total:																						284,000	

FEE STRUCTURE

Morning: Commerce, BBA, BBA (Banking & Finance), Public Administration																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	15700	1750	576			2300	700	150	125	250				575	1200	2162	230	500	175	120	29,313
2			15700	1750	576				700	150	125	250		1000		575	1200	2162	230	500	175	120	25,213
3			15700	1750	576				700	150	125	250				575	1200	2162	230	500	175	120	24,213
4			15700	1750	576				700	150	125	250				575	1200	2162	230	500	175	120	24,213
5			15700	1750	576				700	150	125	250				575	1200	2162	230	500	175	120	24,213
6			15700	1750	576				700	150	125	250				575	1200	2162	230	500	175	120	24,213
7			15700	1750	576		1700		700	150	125	250				575	1200	2162	230	500	175	120	25,913
8			15700	1750	576				700	150	125	250	2500			575	1200	2162	230	500	175	120	26,713
Total:																						204,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Bachelor 4-Year (Business & Professional Programs)

Morning: B.S (Software Engineering)

Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	BBS	BR	Mosque Fund	Total
1	1400	1400	20625	1750	625			2300	800	180	325	350			3000	700	1200	2262	400	500	175	900	300	120	39,312
2			20625	1750	625				800	180	325	350		1000	3000	700	1200	2262	400	500	175	900	300	120	35,212
3			20625	1750	625				800	180	325	350			3000	700	1200	2262	400	500	175	900	300	120	34,212
4			20625	1750	625				800	180	325	350			3000	700	1200	2262	400	500	175	900	300	120	34,212
5			20625	1750	625				800	180	325	350			3000	700	1200	2262	400	500	175	900	300	120	34,212
6			20625	1750	625				800	180	325	350			3000	700	1200	2262	400	500	175	900	300	120	34,212
7			20625	1750	625		1700		800	180	325	350			3000	700	1200	2262	400	500	175	900	300	120	35,912
8			20625	1750	625				800	180	325	350	2500		3000	700	1200	2266	400	500	175	900	300	120	36,716
Total:																							284,000		

FEE STRUCTURE

Bachelor 4- Year (Business & Professional Programs)																							
Morning: BS (Computer Science, IT)																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	15700	1750	635			2300	700	175	128	250			3000	575	1200	2200	230	500	175	120	32,438
2			15700	1750	635				700	175	128	250		1000	3000	575	1200	2200	230	500	175	120	28,338
3			15700	1750	635				700	175	128	250			3000	575	1200	2200	230	500	175	120	27,338
4			15700	1750	635				700	175	128	250			3000	575	1200	2200	230	500	175	120	27,338
5			15700	1750	635				700	175	128	250			3000	575	1200	2200	230	500	175	120	27,338
6			15700	1750	635				700	175	128	250			3000	575	1200	2200	230	500	175	120	27,338
7			15700	1750	635		1700		700	175	128	250			3000	575	1200	2200	230	500	175	120	29,038
8			15700	1750	635				700	175	128	250	2500		3000	575	1200	2200	230	500	175	120	29,838
Total:																						229,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Bachelor 5-Year (Business & Professional Programs)																							
Morning: Pharm-D																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	25895	1750	1000			2300	700	175	400	450			3000	575	1200	3300	230	500	175	120	44,570
2			25895	1750	1000				700	175	400	450		1000	3000	575	1200	3300	230	500	175	120	40,470
3			25895	1750	1000				700	175	400	450			3000	575	1200	3300	230	500	175	120	39,470
4			25895	1750	1000				700	175	400	450			3000	575	1200	3300	230	500	175	120	39,470
5			25895	1750	1000				700	175	400	450			3000	575	1200	3300	230	500	175	120	39,470
6			25895	1750	1000				700	175	400	450			3000	575	1200	3300	230	500	175	120	39,470
7			25895	1750	1000				700	175	400	450			3000	575	1200	3300	230	500	175	120	39,470
8			25895	1750	1000				700	175	400	450			3000	575	1200	3300	230	500	175	120	39,470
9			25895	1750	1000		1700		700	175	400	450			3000	575	1200	3300	230	500	175	120	41,170
10			25895	1750	1000				700	175	400	450	2500		3000	575	1200	3300	230	500	175	120	41,970
Total:																						405,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Bachelor 5-Year (Business & Professional Programs)																							
Morning: LLB (Hons) 5 Year																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	14465	1725	575			2300	690	170	115	230						2300	230	500	176	120	26,396
2			14465	1725	575				690	170	115	230		1000				460	230	500	176	120	20,456
3			14465	1725	575				690	170	115	230						460	230	500	176	120	19,456
4			14465	1725	575				690	170	115	230						460	230	500	176	120	19,456
5			14465	1725	575				690	170	115	230						460	230	500	176	120	19,456
6			14465	1725	575				690	170	115	230						460	230	500	176	120	19,456
7			14465	1725	575				690	170	115	230						460	230	500	176	120	19,456
8			14465	1725	575				690	170	115	230						460	230	500	176	120	19,456
9			14465	1725	575				690	170	115	230						460	230	500	176	120	19,456
10			14465	1725	575				690	170	115	230	2500					460	230	500	176	120	21,956
Total:																						205,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Master 3-Year (Business & Professional Programs)																							
Morning: LLB (3 Year)																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	1400	1400	20120	575	575			2300	4600	175	117	230						2300	230	500	175	120	34,817
2			20120	575	575				4600	175	117	230		1500				420	230	500	175	120	29,337
3			20120	575	575				4600	175	117	230						420	230	500	175	120	27,837
4			20120	575	575				4600	175	117	230						420	230	500	175	120	27,837
5			20120	575	575				4600	175	117	230						420	230	500	175	120	27,837
6			20120	575	575				4600	175	117	230	2500					420	230	500	175	120	30,337
Total:																						178,000	
Note:- Evening Programme Tution Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Master 3½-Year (Business & Professional Programs)

Morning: MBA, MBA (Banking & Finance), MBA (Industrial Management)

Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	2300	1400	32800	1725	800			2300	800	173	227	230			1150	575	1150	1850	400	500	173	115	48,668
2			32800	1725	800				800	173	227	230		1500	1150	575	1150	698	400	500	173	115	43,016
3			32800	1725	800				800	173	227	230			1150	575	1150	698	400	500	173	115	41,516
4			32800	1725	800				800	173	227	230			1150	575	1150	698	400	500	173	115	41,516
5			32800	1725	800				800	173	227	230			1150	575	1150	698	400	500	173	115	41,516
6			32800	1725	800		1736		800	173	227	230			1150	575	1150	698	400	500	173	115	43,252
7			32800	1725	800				800	173	227	230	2500		1150	575	1150	698	400	500	173	115	44,016
Total:																						303,500	

Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.

Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.

FEE STRUCTURE

Master 2-Year (Business & Professional Programs)																							
Morning: Master of Commerce (M. Com), Master of Public Administration (MPA)																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	2300	1400	30425	1750	600			2300	700	175	125	250			1150	575	1150	1750	230	500	175	120	45,675
2			30425	1750	600				700	175	125	250		1500	1150	575	1150	460	230	500	175	120	39,885
3			30425	1750	600		2170		700	175	125	250			1150	575	1150	460	230	500	175	120	40,555
4			30425	1750	600				700	175	125	250	2500		1150	575	1150	460	230	500	175	120	40,885
Total:																						167,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Master 2-Year (Business & Professional Programs)																							
M.Sc. (CS)																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	2300	1400	35000	1725	1750			2300	1150	170	150	250			1150	500	1050	2280	230	500	175	120	52,200
2			35000	1725	1750				1150	170	150	250		1500	1150	500	1050	800	230	500	175	120	46,220
3			35000	1725	1750		1640		1150	170	150	250			1150	500	1050	800	230	500	175	120	46,360
4			35000	1725	1750				1150	170	150	250	2500		1150	500	1050	800	230	500	175	120	47,220
Total:																						192,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

Master 2-Year (Business & Professional Programs)																							
MS (CS)																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	3500	1400	41400	1725	2575			2300	1150	345	125	250			1150		1150	2030	230	500	175	120	60,125
2			41400	1725	2575				1150	345	125	250		1500	1150		1150	2030	230	500	175	120	54,425
3			41400	1725	2575		4100		1150	345	125	250			1150		1150	2030	230	500	175	120	57,025
4			41400	1725	2575				1150	345	125	250	2500		1150		1150	2030	230	500	175	120	55,425
Total:																						227,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

FEE STRUCTURE

MS / M. Phil 2-Year (Business & Professional Programs)																							
MS / M. Phil / LLM / Business Administration / Public Administration / Commerce																							
Semester	Admission Fee	Registration Fee	Tuition Fee	Examination Fee	Computer Fee	Thesis Fee	Project Fee	Library Security	General Fund	Student Fund	Internet Usage	Medical Fund	Degree Fee	Degree Verification Fee	Breakage Fund	Sports Fund	Field Trip	Development Fund	Study Tour	Training Research & Endowment Fund	Magazine Fund	Mosque Fund	Total
1	3500	1400	41585	1725	1725			2300	1150	345	125	250								500	175	120	54,900
2			41585	1725	1725				1150	345	125	250		1500						500	175	120	49,200
3			41585	1725	1725				1150	345	125	250								500	175	120	47,700
4			41585	1725	1725				1150	345	125	250	2500							500	175	120	50,200
Total:																						202,000	
Note:- Evening Programme Tuition Fee Rs. 7000/- in addition per Semester.																							
Note:- Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.																							

CODE OF CONDUCT

The Code of Conduct is the set of rules regulations to maintain discipline among the students. This Code of Conduct will be enforced in the university, in the constituent institutes and sub campuses.

The GC University Faisalabad (GCUF) has emerged as a leading research university in Pakistan. The university is fulfilling its responsibility of graduating culturally enlightened, technologically knowledgeable, academically competent, and research oriented productive citizens who are prepared to lead, inspire, and serve humanity. The university wholeheartedly commits itself and all its resources to this sacred trust and responsibility.

The GCUF community comprises a diverse population of students in pursuit of academic excellence. It strives to refine the ability of students to reason and to communicate freely and clearly so as to become responsible, morally equipped and moderate. It is therefore expected that these attributes, in turn, should be reflected in their everyday behavior, attitude and dress.

GCUF believes that the regulations, guidelines, and safeguards described herein are indispensable features to maintaining an academic environment.

Definition of Terms

Unless there is anything repugnant in the subject or context, the expressions used in these regulations and defined or used in this Code of Conduct shall have the meaning assigned to them respectively.

Definitions of different terms are:

1. Complainant means a person who makes a complaint or reports a violation of the University Code of Conduct or University regulations and policies.
2. Intentional means deliberate.
3. Respondent means a person who has been accused of violating the University Code of Conduct.
4. Student means any currently enrolled person for whom the institution maintains educational records, as defined by the University regulations.
5. Reckless means careless or heedless of the potentially harmful consequences of one's behavior, where risk of harm to persons, property or normal University operations exists or can be reasonably foreseen.
6. University Official is a person employed by the University in an administrative, supervisory, academic, research, or support staff position.
7. Authority: means Vice Chancellor, Discipline Committee and DSA as the case may be.
8. Discipline committee: means a committee constituted under rules of the university consisting of members and co-opted members.
9. Punishment: includes any penalty which Discipline Committee deems fit, defined in the rules.
10. DSA: means Director Student's Affairs and includes other officers of the Directorate.
11. DDC: means Departmental Discipline Committee consisting of not more than three members out of which one will be the Convener.
12. Officer: means officers of BPS-17 and above of the university in academic & nonacademic departments and includes members of vigilance squad.
13. Fine: Fine imposed by the committee or recommended by an officer, member of vigilance squad or by any person approved by the Authority.
14. Chairperson: means chairman of the teaching department.

CODE OF CONDUCT

Academic Dishonesty

Academic dishonesty is an act of fraud, which may include misrepresentation, deceit, falsification, or trickery of any kind that is done by the student with the purpose, intent, or expectation of influencing a grade or other academic evaluation.

Academic dishonesty also includes forgery and falsification of University academic documents, intentionally impeding or damaging the academic work of others, or assisting other students in acts of dishonesty. Common examples of academically dishonest behavior include, but are not limited to, the following:

- a. **Cheating:** Intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise; copying from another student's examination sheet; submitting work prepared in advance for an in-class examination; taking an examination for another person or conspiring to do so.
- b. **Fabrication:** Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
- c. **Facilitating academic dishonesty:** Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.
- d. **Plagiarism:** Intentionally or knowingly or unknowingly representing the words or ideas of another as one's own in any academic exercise; failure to attribute direct quotation, paraphrase, or borrowed facts or information.
- e. **Unauthorized Collaboration:** Providing, either knowingly or through negligence, one's own work to assist a student in satisfying a course requirement, or representing material prepared by or with another as one's own independent work. In instances where students are permitted to work jointly to complete an assignment, instructors will offer clear guidelines about when and how to collaborate; if a student is unsure, it is the responsibility of the student to ask the instructor.

Unfair means

Use of unfair means generally covers the following:

- a. An attempt to have access to the question paper before the test/examination.
- b. Use/possession of unauthorized reference material during test/examination.
- c. Any form of communication by the examinees with any one in or outside the test/examination room while the test/examination is in progress.
- d. Unauthorized entry into faculty's office or that of his staff with the intention of having an access to or tampering with the official record/exam paper etc.

Moral Dishonesty

Moral dishonesty means act which does not conform to known norms of decency.

CODE OF CONDUCT

Extension of the GCUF Code of Conduct: The GCUF Code of Conduct applies to conduct that occurs on the University premises, at GCUF sponsored activities, and to off-campus conduct that adversely affects the University reputation and/or the pursuit of its objectives. Each member of GCUF shall be responsible for his/her conduct.

Classroom Standards: The individual faculty member is primarily responsible for managing the classroom environment. If a student engages in any prohibited or unlawful acts or other behavior that results in disruption of a class, he or she may be directed by the faculty member to leave the class for the remainder of the class period and report the matter to the concerned Chairperson/ Incharge, who will forward the matter to DDC/Director Students Affairs. Students must be protected against infringement of their rights and unfair practices.

Identification/Registration Card: Each member of the University community is issued a picture Identification / Registration card or visitor's pass, and must wear it at all times while on University premises or at University-sponsored activities. Identification/Registration cards must be presented upon entering University buildings and must be worn while on University premises.

Identification/Registration cards are not transferable. The owner of the card will be called upon to account for any fraudulent use of his or her identification card and will be subject to disciplinary action by the University if he or she has aided such fraudulent use. The card will be forfeited if the student to whom it was issued allows any other person to use the same.

Upon card owner's withdrawal from the University, all rights and privileges related to the identification card will automatically cease. If the student withdraws, or is suspended or expelled, from the University, the identification card must be surrendered to the College/institute as the case may be.

Visitors and Guests: Students cannot invite any visitor without the permission of Competent Authority. Students may be held accountable for the acts of misconduct of their guests while on University premises or at University-sponsored activities. Visitors, including invitees shall conduct themselves, at all times, in a manner which is consistent and in line with maintenance of orderly behavior in the University premises

Acts of In-discipline/Prohibited Conduct: All students are prohibited from engaging in conduct resulting in, or leading to, any of the following:-

Academic Dishonesty: Violating the University Policy on Academic Dishonesty by committing, or attempting to commit, academic dishonesty including, but not limited to, cheating, plagiarism, fabrication, facilitating academic dishonesty of others and unauthorized collaboration.

Abuse, Assault, Threatening Behavior: Intentionally or recklessly endangering, threatening, or causing physical or mental harm to any person/ student, or oneself, on University premises or at University-sponsored activities, or intentionally or causing reasonable apprehension of such harm including, but not limited to abusive language and/or physical or verbal intimidation, harassment, coercion etc.

Firearms, Explosives and Other Weapons: Illegal or unauthorized use, possession, or storage of firearms, explosives (including, but not limited to fireworks), other weapons, or dangerous chemicals on University premises, with or without a license to possess the same has been issued to the possessor.

Violation of Disciplinary Sanction: Violating terms of any disciplinary sanction imposed in accordance with GCUF Statutes.

CODE OF CONDUCT

Furnishing False Information, Forgery or Unauthorized Use of Documents: Intentionally furnishing false information to the University and its officials; or misusing affiliation with the University to gain access to outside agency/services; or using false information or University resources to compromise the name of the University. Forgery, unauthorized alteration, or unauthorized use of any University document or electronic transmission, or instrument of identification, or academic and non-academic records, signatures, seals, or stamps thereof.

Disorderly Conduct or Indecent Behavior: Engaging in disorderly or indecent conduct; breaching of peace; or aiding, abetting, or hiring another person to breach the peace on University premises or at University-sponsored functions/activities. Any unauthorized use of electronic or other devices to make an audio or video record of any person while on University premises without his or her prior knowledge.

Theft: Theft, or attempted theft, of property or services on University premises or at University-sponsored activities.

Damage to Property or its Destruction: Intentionally or recklessly destroying or damaging, or attempting to destroy or damage, University property or the property of others on University premises or at University-sponsored activities.

Non-Compliance With Official Direction: Failure to comply with reasonable direction of University officials acting in performance of their duties.

Violation of University Regulations and Policies: Violating University regulations or policies including amendments and additions adopted since the publication date.

Alcohol/Drugs/Intoxicants: Distribution, possession, and consumption of alcohol/drugs/intoxicants on University premises or at University-sponsored activities.

Unauthorized Access to Facilities: Unauthorized access or entry to, or use of, University facilities and equipment Unauthorized possession, duplication or use of keys to any University premises, facilities or equipment; or, unauthorized entry to or use of University premises.

Unauthorized, Use of Computer or Electronic Communication Devices: Theft or other abuse of computer facilities and resources including, but not limited to:-

- a. Unauthorized entry into a file, to use, read, or change the contents, or for any other purpose.
- b. Unauthorized transfer of a file.
- c. Use of another individual's identification and/or password.
- d. Interference with the work of another student, faculty member or University official.
- e. Sending obscene, abusive or threatening messages.
- f. Transmission of computer viruses.
- g. Interfering with normal operation of the University computing system.
- h. Unauthorized duplication of software or other violation of copyright laws.
- i. Unauthorized access to, or unauthorized, mischievous or malicious use of University computer equipment or networks, or electronic communication devices, or the use of such equipment or devices to gain unauthorized access to, and/or use of, off-campus computer equipment.

CODE OF CONDUCT

Provoking Others to Misconduct Intentionally using words or actions to provoke or encourage others to violent or retaliatory behavior, or other acts of misconduct.

Identification/Registration Cards: Failure to wear, or to produce or surrender the identification card upon the request of a University official.

Animals: Bringing an animal into any University building, with the exception of animals used for authorized laboratory purposes, or animals being used for security purpose for which express permission has been granted by the University Authority.

Demonstrations: Walking in large groups, shouting and talking loudly near class rooms, aimless sitting in corridors after class timings, demonstrations exceeding the bounds of free assembly and demonstrations engaging in unlawful acts that cause or imminently threaten injury to person or property, infringes on the rights of other members of the University community leading to or inciting others to disrupt scheduled and/or normal activities within any campus building or area (or any University sponsored activity).

Political Activities: Unauthorized use of University facilities or equipment for political activities.

Harassment: Includes the following:

- a. Passing remarks, placing visual or written material, aimed at a specific person or group:-
 - i. with the intention of causing harm to the person or group; and/or,
 - ii. Creating an environment which limits a student's educational opportunity.
- b. Making unwanted verbal or physical advances or explicit derogatory statements toward individuals, which cause them discomfort or humiliation or which interferes with their educational opportunity.
- c. Physical assault.

Gambling: Unauthorized and/or illegal exchange of money favors or services as a result of an organized or unorganized game or competition.

Smoking: Smoking is prohibited on University premises.

Mobile Phones: Use of mobile phone in the class room is completely banned. It should be switched off during class hours. No one can bring mobile phone during exams in the examination room/hall.

Abuse of the Student Conduct System. Abusing the student conduct system including, but not limited to:

- a. Failure to obey the notice from a University official to appear for a meeting or hearing as part of the student conduct system.
- b. Falsification, distortion or misrepresentation of information before a hearing body or designated hearing officer of the University.
- c. Disruption or interference with the orderly conduct of a hearing proceeding.
- d. Causing a violation of University Code of Conduct hearing to convene in bad faith.

Indecent Behavior at the Campus / Disturbing Academic Atmosphere: Indecent behavior exhibited at the campus including classes, cafeteria, laboratories etc, defying the norms of decency, morality and religious/cultural/social values by single or group of students.

Damage to the university fixtures/furniture, scribbling/carving on desks, wall chalking, misusing of lab/university equipment, etc.

Use of mobile phone/ listening music in class rooms, examination halls, labs and library thus disrupting the calm of the said rooms.

Off-Campus Conduct: Conduct occurring off University premises is such that it should not affect the interest/image of the University.

CODE OF CONDUCT

Enforcement of Code of Conduct

Matters of indiscipline would be referred to the college, institution or GCUF authorities, which are authorized to check indiscipline matters and decide as per GCUF rules, regulations and policy, or as per the decision of Discipline Committee it deems fit. Parents of those students who disobey authority and violate the code of conduct will be informed. Students are not allowed to bring their guests at the Campus except their parents.

Punishment or Penalty for Acts of In-Discipline

Punishment or penalty for acts of in-discipline shall be according to the gravity of the case and may be any one or more of the following:-

Minor Punishments

- a. **Warning in writing:** Notice to the offender, orally or in writing, that continuation or repetition of prohibited conduct may be cause for further disciplinary action.
- b. **Probation:** Probation for a specific period not exceeding four months.
- c. **Fine.** Fine which may amount upto Rs.5000/-.
- d. **Hostel Suspension/Permanent Removal:** Expulsion from the hostel for a specified period, or permanent removal from the residence hall.
- e. **Withholding of certificate:** Withholding of a certificate of good moral character.
- f. **Removal of privileges:** Deprivation from the privileges enjoyed by the students.
- g. **F Grade:** Award of "F" grade in a paper/ cancellation of the examination for one paper or more.

Major Punishments

- a. **Rustication:** Rustication from the class for a specified period up to two semesters after the expiry of the punishment, the student shall be admitted in the semester where he/ she left.
- b. **Fine:** Fine which may amount up to Rs.10000
- c. **Exam Result:** Cancellation of examination result.
- d. **Expulsion:** includes expulsion from the University for indefinite period, cancellation of studentship and admission, ineligibility for further admission.
- e. **Degree:** Non conferment of degree/transcript.

Other sanctions or a combination of above mentioned punishments as deemed appropriate.

CODE OF CONDUCT

Discipline in the Hostels

Instructions already issued in this regard by the Administrative Directorate will be followed.

Discipline Process

- a. **Case referrals:** Each case of in-discipline shall be reported to the Chairperson Hall Council of the College/Institute/Centre/ through HOD or the warden of the hostel. Any charge should be submitted as soon as possible after the alleged violation takes place. Chairperson Hall Council depending upon the gravity of the case will decide to award minor punishment or refer the same to GCUF Discipline Committee for decision by senior competent authority for major punishment.
- b. **Procedure-disciplinary hearing:** A disciplinary hearing is a formal process conducted by the GCUF Discipline Committee. This formal process is designed to gather and consider relevant information regarding the alleged violation/s of the Code and to determine and recommend a punishment. Every effort will be made to expedite proceedings pursuant to allegations within a reasonable period.
- c. **Punishments:** GCUF Discipline Committee will recommend/ impose a penalty (major or minor) as a punishment according to the gravity of the case after giving full opportunity to the defaulter to give his/ her point of view or as the case may be.
- d. **Appeals:** An appeal against the Discipline Committee decision can be filed to the Vice Chancellor within fifteen days of the notification of the decision.

CODE OF CONDUCT

General

1. **Federal/Provincial Laws and Ordinances:** Violation of a Federal/Provincial law or ordinance will be dealt accordingly under these laws.
2. **Gender Mixing:** Students are strictly reminded to follow the accepted social and cultural norms of the society. Undue intimacy and unacceptable proximity, openly or in isolated areas will not be tolerated.
3. **Littering:** It is the responsibility of all to keep the Campus environment clean and tidy. Therefore, no littering or trash should be carelessly thrown or left on the Campus premises. The designated waste boxes should be used for the purpose.
4. **Sports**
 - a. Sports: all individuals and teams involved in sports should participate showing sportsmanship, respect, consideration and appreciation towards their opponents, team-mates, officials and University staff at all times.
 - b. Under no circumstances should participants react in a violent manner nor use any form of foul or abusive language, whether it is directed at a member of staff, match official, opponent, playing colleague, team official or spectator.
 - c. Individuals signing the player registration form agree to abide by this code of conduct and will accept that any deviation from these rules will result in disciplinary action being taken by the University.
 - d. Persons under the influence of drugs are not permitted to participate in sport activities at the University and as such will result in disciplinary action by GCUF.
 - e. Director Sports, GC University, Faisalabad will be responsible for maintaining discipline in all the playgrounds.
5. **Library:** The Librarian shall be responsible to maintain discipline in the library. He may require a student to leave the library on an act of indiscipline or report to DSA.
6. **Parking:** Wrong Parking at the University will result in fine Rs. 200/- for car and Rs.100/- for motorcycle or as the case decided by the Committee or Incharge Parking Stands.
7. **Dress Code.** In order to maintain academic dignity and sanctity of the institution, students and staff of the university are required to wear decent dress keeping in view the local cultural values. The dress restriction is not to impose any rigidity or regimentation but is in accordance with the spirit of discipline and punctuality which is the cardinal aspect of life style at GCUF campuses. Purpose of Dress Code is to establish the basic guide lines for appropriate work dress that promotes a positive image of GCUF and also allow maximum flexibility to maintain good morale, respect, cultural values and due consideration for safety while working at laboratories. To abide by the student dress code, student should not:-
 - a. Wear tight or see-through dress.
 - b. Wear Shorts, or sleeve-less shirts.
 - c. Wear Tee-Shirts/dress bearing language or Art, which appears to be provocative or indecent and is likely to offend others.
 - d. Wear torn clothing.
 - e. Wear jogging or exercise clothing during classes.
 - f. Put on excessive makeup or wear expensive jewelry.
 - g. Wear untidy, gaudy or immodest dress in classrooms, cafeteria and university offices.
 - h. Wear unprofessional attire in formal programs and interviews.

All faculty members and administrative officers, support staff and students will be expected to monitor this code of conduct and report any such disregard or violations to college/ institution/ headquarter GCUF for taking appropriate action/remedial measures.

Rules & Regulations Relating to Bachelor Degree Programs

1. ADMISSION CRITERIA

- 1.1 Minimum Academic Requirement:** A candidate seeking admission to the degree of B.Sc. (Hons)/ BS (4 years) / Bachelor of Fine Arts (BFA)/ Bachelor of Fashion Design (BFD)/ Bachelor of Textile Design (BTD)/ Bachelor of Graphic Design (BGD) / Bachelor of Business Administration (BBA)/ Bachelor of Commerce (B.Com) / LLB (5 years program) must have passed FA / F.Sc./ ICS / A level or equivalent (to be determined by the Equivalence Committee) from a recognized institution with at least 45% marks or 2nd division on the basis of the respective category of admission, excluding 20 marks of Hafiz-e-Quran. For the subjects of Engineering and Pharmacy etc., the minimum admission requirement is 1st division.
- 1.2 Domicile:** The candidate should submit the domicile of Punjab Province. The candidate with domicile other than the Punjab province has to produce a nomination letter from his/her respective provincial government against reserved seats if any. Foreign students and overseas can also apply through the relevant Federal Ministry.
- 1.3 Medical Certificate:** The candidate must produce at the time of the first enrollment, a certificate from the University Resident Medical Officer to the effect that the student is free from any communicable (contagious) disease or mental or physical disability which is likely to stand in the way of his/her pursuing the chosen field of study.
- 1.4 Age/Gender:** There shall be no gender discrimination for admission to all the Bachelor degree programs. The maximum age limit is 22 years, which may be relaxed up to 2 years by the competent authority in hardship cases.

2. MEDIUM OF INSTRUCTION

The medium of instruction and examination shall be English (except faculty of Islamic and Oriental Learning, which will be Urdu or their relevant subject languages).

3. DURATION OF THE COURSE

The duration for the B.Sc. (Hons) / BS/BBA shall not be less than 8 and more than 12 semesters. In case of Pharm-D and LLB (5 years program) the minimum duration shall not be less than 10 and more than 14 semesters.

4. DURATION OF THE SEMESTER

There shall be 2 semesters (Fall and Spring) of 18 weeks each in a academic year. The commencement of semesters shall be regulated by the Academic Council.

(Explanation: Out of 18 weeks, 16 weeks shall be actual teaching time, the rest may be utilized for enrollment, conduct of examinations and declaration of results, etc.).

5. SCHEME OF STUDIES

The subjects of study for the various degree program are given in the Prospectus which may be amended from time to time.

6. CREDIT HOURS REQUIREMENT FOR VARIOUS DEGREES

The minimum credit hour requirement for instituting various degree programs shall be as following;

BS (4 years) / Bachelor of Fine Arts (BFA)/ Bachelor of Fashion Design (BFD)/ Bachelor of Textile Design (BTD)/ Bachelor of Graphic Design (BGD) / Bachelor of Business Administration (BBA)/ Bachelor of Commerce (B.Com)	124 credit hours
LLB (5 years)	184 credit hours
Pharm-D	192 credit hours

Rules & Regulations Relating to Bachelor Degree Programs

7. ROUTING OF ACADEMIC MATTERS

All the academic matters shall be routed through proper channel i.e. through the Chairman/Incharge of the Department/Director and Principal/Dean/Coordinator of the faculty concerned.

8. TIME FOR ADMISSION

Admissions shall be conducted in the Fall semester and only once in a calendar year. If a candidate fails to complete enrollment, his/her admission shall be cancelled. In special situation the worthy vice chancellor may allow admission to any program in spring semester.

9. AUTHORITY OF ADMISSION

The admission to a Bachelor degree programs shall be made by Directorate of Under graduate studies on the basis of merit list prepared by the said directorate.

- (i) Lists of selected candidates shall be displayed by the office of the **Director of Under Graduate Studies** (DUS) and if needed subsequent lists shall be displayed till the last seat is filled up.
(Explanation: The last list would be displayed keeping in view that 75 percent attendance in lectures would not suffer).
- (ii) The competent authority may refuse admission to a candidate without assigning any reason.

10. ENROLLMENT REQUIREMENT

A candidate admitted to the course shall for so long as the student has not completed all the requirements for the degree, enroll for each semester subject to the maximum admissible limit of semesters.

11. DISCONTINUATION/FREEZE OF STUDY/SEMESTER

- 11.1 A student may discontinue enrolled semester before appearing in the final examination with the permission of the Vice Chancellor obtained through the Director,(DUS) on the recommendations of the Dean/Coordinator of respective faculty and Director/Principal/ Chairman/incharge, on account of sickness duly certified by the University Medical Officer or due to circumstances beyond his/her control subject to fulfillment of condition that the student has passed the final examination of previous semester with minimum prescribed GPA/CGPA required for the said degree program.
- 11.2 The facility of discontinuation can be availed only once during whole degree program and it could be for two semesters only (one academic year).
- 11.3 A student so permitted to discontinue is required to resume his/her studies after the two semesters(one freezed semester and other gap with zero credit hour semester) on the recommendation of Director/ Principal/ Chairman concerned and the Dean/Coordinator and notified by Directorate of Undergraduate Studies .
- 11.4 During the semester freeze, bonafide status of the student shall remain suspended. The student will not be entitled to avail any privilege as that of a regular student. Student has to submit the complete fee dues for the freeze semester and Rs.,5000 for the gap semester also along with Under Graduate Course Registration (UG-1) form to maintain his/her studentship.
- 11.5 A candidate shall not ordinarily be allowed to discontinue his/her studies during 1st semester.

12. ENROLLMENT

- 12.1 An application for enrollment on the prescribed Course Registration Form (UG-1) accompanied by proof of fee paid (bank receipt) shall be presented to the office of the **Director of Undergraduate Studies** on the day(s) notified for enrollment.
- 12.2 The office of the Dean/Coordinator under special circumstances and on payment of late fee of Rs. 500/- may permit a student to enroll within 5 working days after the commencement of the classes.
- 12.3 The Vice Chancellor may allow a student to enroll till the last day of the 4th week after the commencement of classes, with double late fee of Rs. 1000/-
- 12.4 Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.

Rules & Regulations Relating to Bachelor Degree Programs

- 12.5** Enrollment will only be considered complete when Course Registration Form (UG-1) is submitted to the office of the **Director of Undergraduate Studies** and it is mandatory for the completion of the enrollment process.
- 12.6** A candidate admitted to a degree program shall, far so long as the student has not submitted thesis / Research report / Research paper/internship report (whichever is applicable), have to enroll for each semester.
- 12.7** The maximum duration for completion of various degree programs shall be as under
- | <u>Normal Stipulated Period for the program</u> | <u>Maximum Duration</u> |
|---|-------------------------|
| 8 Semesters (4- Years) | 12 Semesters (6- Years) |
| 10 Semesters (5- Years) | 14 Semesters (7- Years) |
- The students who will enroll in the first additional semester beyond the normal tenure of the program will have to pay an additional tuition fee of 50% and for rest of the additional semesters will have to pay 100%, additional tuition fee over and above the regular fee.

13. RE-ADMISSION

- 13.1** If a student fails to enroll in any semester(s) without permission of the competent authority, the student shall cease to be on the rolls of the University and in case the student desires re-admission, the student shall have to apply for the same in the next coming admissions..
- 13.2** The office of the Director, **DUS** on the recommendation of Dean/Coordinator may re-admit such a candidate subject to the payment of Rs. 2,000/- as re-admission fee and Rs. 5,000/- as per semester gap fee, if applicable.
- 13.3** The Dean/Coordinator may refuse the re-admission if the reasons presented are not convincing.
Note: The period of gap semester will not be counted towards residential requirements.

14. REVISION OF COURSE REGISTRATION FORM

- 14.1** A student may be permitted to revise his/her Course Registration (UG-1) Form within 20 days from the commencement of classes. After this period the student may be allowed to revise UG-1 Form up to the 4th week from the commencement of classes on payment of Rs. 1,000/- as late Course Registration fee.
- 14.2** The student of first semester may be allowed to revise his/her Course Registration Form within first four weeks of the last date of enrollment without any late fee.

15. COURSE OF STUDY

- 15.1** All graduate courses will be designated appropriate course code numbers and will be preceded by the suitable alphabets indicating the name of the respective department.
- 15.2** The teachers / instructors will be required to hand over detailed course outline to the students within 7 days of the beginning of semester and will send a copy of course outline and work plan to the chairman of the concerned department
- A full time student can enroll up to 24 credit hours in a regular semester including regular plus repeat courses.
 - A course can be repeated two times (maximum three times enrollment) at the most. The Controller of Examinations office will mention corresponding repetitions in the result notification and the student shall mention repetition status in the Course Registrations (UG-1) Form at the time of enrolment.
 - The Dean/Coordinator may consider credits earned by a student at another recognized institution, subject to a maximum of 50 percent of the minimum credits requirements for the degree, on the recommendations of Equivalence Committee provided that:
 - The contents of the course(s) for which credit is claimed, are identical or similar to the course included in his/her planned course work and the courses for which credit is claimed have not been used for another degree.
 - Courses with less than B grade shall not be considered for the transfer of credit.

Rules & Regulations Relating to Bachelor Degree Programs

15.3 Credit earned for a course shall lapse on the expiry of five years for regular student and seven years for part time student from the end of the semester in which the course was qualified. The Dean/Coordinator may revalidate the lapsed courses for special reasons to be recorded.

15.4 No course shall carry more than 4 credits.

16. EXAMINATIONS

16.1 Examination Fee: University examination fee shall be charged at the time of enrollment of each semester.

16.2 Tests and Examinations:

- (i) There shall be two examinations mid and final in each semester. In addition to these examinations the teacher shall give home assignments and quizzes etc. to the students. The mode of these examinations will be left to the teacher who will be solely responsible for the conduct of examination as well as evaluation in his/her course. The grade given in the course by the teacher shall be final.
- (ii) Only those students, who have at least 75% attendance in theory and practical (where applicable) separately in each course, shall be eligible to appear in the final examination.
- (iii) A teacher shall report to the Dean/Coordinator/Director/Principal concerned through the Chairman of the respective Department the names of students who are absent from the lectures/ practical (where applicable) continuously for seven days to enable the office of the Dean/Coordinator to strike off names of such students. The student may be readmitted under the university rules or may be refused admission if the reasons provided for readmission are not convincing.

16.3 Final examination

The final examination for a semester shall be held on a date and time and place to be notified by the teacher in advance.

16.4 The scripts of each examination shall be discussed with the students.

- 16.5**
- (i) The mid-semester examination shall be held during 9th week of the semester which shall carry 30 % of the total allocated marks for the course. This examination shall be held by the teacher concerned who shall proceed according to the University rules.
 - (ii) For the purpose of evaluation, one credit will carry 20 marks e.g. a four credits course will carry 80 marks. These marks will be divided in accordance with the credits assigned to theory and practical (where applicable) for each course.
 - (iii) The following weightage shall be given to the examinations, home assignments, etc.

(a) Mid-semester examination	30%
(b) Home assignments / quizzes, presentations etc.,	20%
(c) Final examination	<u>50%</u>
Total:	100%

(Fraction in total marks of a course will be rounded to the nearest whole number)

16.6 To qualify a course, it is essential to pass separately in the theory and practical (where applicable) examinations with aggregation to be at least 40 percent except for Engineering and Pharmacy Degree programs where aggregation pass marks requirement is 50%.

16.7 The teacher shall send the final award list along with answer sheets of mid, final and practical (where applicable) of the course to the office of the Controller of Examinations within 10 days after the end of a semester. The Dean/Coordinator may condone the delay in result submission. A soft copy of the award list should also be sent to the office of the Director/Principal/ Chairman and the Dean/Coordinator concerned.

16.8 On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the office of the Dean/Coordinator, Director/Principal and the Chairman of the concerned Department.

Rules & Regulations Relating to Bachelor Degree Programs

17. GRADE POINT AVERAGE

17.1 Grade point and equivalence between letter grading and numerical grading shall be as follows:

Grade	Value	Marks (%)	Remarks
A	4	80-100	Excellent
B	3	65 – 79.99	Good
C	2	50 – 64.99	Satisfactory
D	1	40 – 49.99	Pass

17.2 If a student fails to obtain CGPA of 1.75 at the end of each academic year (after two consecutive Fall and Spring semesters) his/her admission shall stand cancelled. However the student may seek fresh admission.

17.3 A student, who obtains CGPA of 1.75 or more but less than 2.50 upon the completion of entire approved course work, may be allowed to repeat once the courses of the previous semesters in which the student had obtained the lowest grades in order to improve the CGPA so as to obtain the minimum of 2.50, failing which the student shall cease to be on the rolls provided that he/she has availed the maximum permissible repetitions.

17.4 CGPA of 2.5 out of 4.0 is required to qualify for the award of degree.

18. THESIS/ RESEARCH REPORT

18.1 A student can opt for thesis in lieu of two optional courses of 3 credit hours each or whatever decided by Board of Studies of respective department.

18.2 Student with minimum 3.00 CGPA shall be eligible for opting the thesis option.

18.3 A student shall be required to submit a project research report and present it in a seminar/ viva for evaluation conducted by an external examiner or committee of departmental examiners.. The student has to clear all the courses before appearing in the final seminar/viva of the research project.

18.4 There shall be 120 marks corresponding to 6 credit hours (equivalent to 2 optional courses of minimum 6 credit hours) and likewise 60 marks for 3 credit hours allocated for thesis and research paper respectively and these may be divided as under:

Total marks so awarded will be converted into a letter grade and average grades on the basis of course work and project report will then be worked to calculate the final CGPA

18.5 The supervisor through the respective HOD shall send the award list of thesis/paper/internship report in sealed envelope to the office of the Controller of Examinations. The Controller of Examinations shall notify the final result of the student.

19. SUPERVISORY COMMITTEE

- The supervisory committee of a student shall be proposed by the respective Board of Studies of the Department/Institute during the 1st semester for the thesis and for research paper only one supervisor will be appointed by HOD.
- Supervisory Committee shall consist of the 03 teachers of the department. However, if an outstanding specialist in a major or minor/elective field of study is available outside the University, he/ she may be taken as a member of the Supervisory Committee in place of a teacher or as an additional member.
- Supervisor of the student will act as chairman of the supervisory committee.
- Supervisory committee proposed by the respective Board of Studies and recommended by the Chairman/ Director of the Institute/ Principal, shall be approved by the competent authority.
- Supervisory committee may be revised according to the regulation (19.1 (a) to (d)) with the reasons of change to be recorded.

Rules & Regulations Relating to Bachelor Degree Programs

- 19.2** In case, a student duly recommended by the Chairman/ Director/ Principal concerned to conduct his/her complete/part of thesis research in other institution/laboratory, is allowed by the office of the Dean/Director; the helping scientist may be taken as co-supervisor/special member on the supervisory committee of the student. However, the university will not bear any financial liability in this context.
- 19.3** Foreign Faculty members, HEC National Professors/HEC Eminent Scientists may act as supervisor/member of the supervisory committee provided that they are appointed for three years.
- 19.4** Adhoc/contract teachers may act as supervisor / member of the supervisory committee only where there is shortage of regular faculty members. Faculty on Tenure Track System (TTS) / Interim Placement of Fresh PhD program (IPFP) will be considered as regular faculty for the subject purpose.

20. General

- 20.1** The student who will enroll beyond their minimum limit of the semesters will be have to pay an additional tuition fee of 50% and for rest of the additional semesters will have to pay 100%, additional tuition fee over and above the regular fee.
- 20.2** After submission of the thesis, the students will not be allowed to stay in the University hostels.
- 20.3** Office of the Dean/Coordinator will maintain student record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of the Vice Chancellor.
- 20.4** Office of the Controller of Examinations shall keep scripts of student's examinations for two semesters (one year)

Rules & Regulations Relating to Masters Degree Programs

1. ADMISSION CRITERIA

- 1.1 **Minimum Academic Requirement:** A candidate seeking admission to the degree of M.Sc. / MA./ M.BA/ M.Com/ MPA/ LLB, must have passed Bachelor's degree or equivalent examination in second division with at least 45% marks (under annual system) at least 2.0 CGPA out of 4.0 (under semester system) from any HEC recognized institution, in a field of study relating to the respective subject he/she desires to take admission.
- 1.2 **Domicile:** The candidate should submit the domicile of Punjab. Candidate with domicile other than the Punjab has to produce a nomination letter from his / her respective provincial government against the reserved seats if there are any. Foreign students can also apply through relevant Federal Ministries and department(s). However, no restriction of domicile is imposed in case of evening program
- 1.3 **Medical Certificate:** At the time of the first enrollment, candidate must produce a certificate from the University Resident Medical Officer to the effect that he/she is free from any communicable (contagious) disease or mental or physical disability which is likely to stand in the way of his/her pursuing the chosen field of study.
- 1.4 **Age/Gender:** There shall be no gender discrimination for admission to the master programs the maximum age limit is **28 years**, which may be relaxed up to **3 years** by the Competent Authority in exceptional cases. No second master degree program can be offered to an applicant, who has already completed a master degree program in any discipline at GCUF.
- 1.5 **No Objection Certificate (NOC):** NOC is required from candidates other than GC, Universities to be registered in GC University Faisalabad.

2. MEDIUM OF INSTRUCTION

- 2.1 The medium of instruction and examination shall be English (Except Faculty of Islamic and Oriental Learning, which shall be in Urdu or their relevant subject language).

3. DURATION OF THE COURSE

- 3.1 The duration for the Master Degree shall not be less than four and more than **six** semester in full residence and not less than six and more than eight semesters for the university employees admitted as part time students. However, in case of M.B.A (3 $\frac{1}{2}$) the minimum residential period shall not be less than seven and more than **nine** semesters. In case of LLB (3years), it shall not be less than six semesters and more than **eight** semesters.
- 3.2 The employees of the government/other agencies nominated for admission at this University shall have to take study leave to pursue studies as a regular student, failing to fulfill this conditions, his/her admission shall be cancelled. However, after getting admission by a nominee in the university, it would be obligatory for the parent department to sanction the study leave or grant extension in the leave in favour of the nominee within one semester of his/her admission, otherwise the admission shall stand cancelled.

4. DURATION OF THE SEMESTER

- 4.1 There shall be 2 semesters (fall and spring) of 18 weeks in each academic year. The commencement of semesters shall be regulated by the Academic Council (**Explanation:** Out of 18 weeks, 16 weeks shall be actual teaching time; the rest can be utilized for enrollment, conduct of examinations and declaration of results, etc.)

5. SCHEME OF STUDY

The subjects of study for the degree programs are given in **Schedule- I** which may be amended from time to time. A student shall present an acceptable thesis/research report in addition to completing his/her approved Course Work in order to qualify for the award of the degree.

6. CREDIT HOURS REQUIREMENT FOR VARIOUS DEGREES

6.1 The minimum credit hours requirement for instituting the various degree programs shall be as following;

M.Sc. / MA. / M.Com/ MPA	66 credit hours
MBA (3 ½ years)	96 credit hours
LLB (3 year)	99 credit hours

Note: Students are required to complete the prescribed number of credit hours by opting one of the following options.

1. Course work only
2. Course work and a thesis of 06 credit hours
3. Research report of 5 credit hours or internship for those subjects where it is required.

7. ROUTING OF ACADEMIC MATTERS

7.1 All the academic matters shall be routed through proper channel i.e. through the Chairman/Incharge of the Department/Director and Principal/Dean of the college/faculty concerned.

8. DEFICIENCY COURSES

8.1 If the course(s) studied by a candidate in his /her previous degree (on the basis of which admission is requested) does not provide adequate background for the degree program of study, he/she may be required to rectify the deficiency by taking additional course(s) as determined by the respective Departmental Board of Studies.

9. TIME FOR ADMISSION

9.1 Admission may be conducted in the fall semester only once in a calendar year. If a candidate fails to complete enrollment, his / her admission shall stand cancelled. However, nominees of HEC, GCUF, foreign countries and other government organizations, may be admitted up to the end of each semester with the condition that they will have to cover up the courses by taking seminars, special problem and research project.

10. UNIVERSITY EMPLOYEES

10.1 **The Academic Staff:** A teacher / researcher of the GC University, Faisalabad (regular) may be allowed to enroll himself / herself for post graduate courses after getting permission from the Competent Authority under prescribed rules of the university. He / she under this arrangement will be a part time student and a full time employee. He / She will be allowed to enroll a maximum of two courses and one seminar or special problem and pay half dues of the semester along with the examination fee. In case, he / she intends to take maximum credit hours allowed to a full time student then he / she will have to take leave from the University and pay full University dues.

10.2 **Administrative Staff:** The administrative staff of the GC University, Faisalabad (regular) will be treated at par for admission to various post graduate courses under evening program after getting permission from the competent authority under prescribed rules of the university. He / She will be allowed to enroll a maximum of two courses and one seminar or special problem and pay half dues of the semester along with the examination fee. He / she under this arrangement will be a part time student and a full time employee. In case, he / she intend to take maximum credit hours or take morning course, he / she will have to take leave from the university and pay full dues. However, the number of seats for admission to various degree programs for administrative staff might be fixed by the Vice Chancellor.

Rules & Regulations Relating to Masters Degree Programs

11. AUTHORITY OF ADMISSION

- 11.1 The admission to degree programs shall be made by the Advanced Studies and Research Board on the basis of merit list prepared by the Directorate of Advanced Studies.
- 11.2 Lists of selected candidates would be displayed by the Director Advanced Studies and if needed subsequent lists would be displayed till the last seat is filled up. (**Explanation:** The last list would be displayed keeping in view that 75 percent lectures are still remaining).
- 11.3 The Advanced Studies and Research Board may refuse admission of a candidate without assigning any reason.

12. DISCONTINUATION/FREEZE OF STUDY/SEMESTER

- 12.1 A student may discontinue enrolled semester before appearing in the final examination with the permission of the Vice Chancellor obtained through the Director Advanced Studies on the recommendations of the Chairman/Incharge/Director/Principal and Dean/Coordinator, on account of sickness duly certified by the University Medical Officer or due to circumstances beyond his/her control subject to fulfillment of condition that the student has passed the final examination of previous semester with minimum prescribed GPA/CGPA required for the said degree program
- 12.2 The facility of discontinuation can be availed only once during the whole degree program and that too for one semester only.
- 12.3 A candidate shall not ordinarily be allowed to discontinue studies during the 1st semester.
- 12.4 A student so permitted to discontinue is required to resume his/her studies from next semester on the recommendation of Chairman/Incharge/ Director/ Principal/Dean concerned and notified by the Director Advanced Studies.
- 12.5 During the semester freeze, bonafide status of the student shall remain suspended. He/She will not be entitled to avail any privilege of a regular student.
- 12.6 An HEC fellowship awardee will be allowed to join a training program with the condition that his / her training would not disturb his/her enrollment in the University will remain in contact with the concerned department. On his returning and rejoining the University, he / she would have to meet the enrollment formalities (Ex-post-facto) of this period (the whole period of HEC scholarship) and it would also be included in the period of residential requirements of the scholar.

13. ENROLLMENT

- 13.1 An application for enrollment on the prescribed form; Course Registration Form accompanied by proof of paid fee (bank receipt) shall be presented to the office of the Director Advanced Studies on the day(s) notified for the enrollment.
- 13.2 The Director, Advanced Studies under special circumstances and on payment of late fee of Rs.500 /- may permit a student to enroll within ten days after the commencement of the classes.
- 13.3 The Vice Chancellor may allow a student to be enrolled till the last day of the 4th week after the commencement of classes, with double late fee i.e., Rs.1000.
- 13.4 Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.
- 13.5 Enrollment will only be considered complete when Course Registration Form is submitted to the office of the Director, Advanced Studies. Only depositing of fee will not serve the purpose.
- 13.6 A candidate admitted to a degree program shall, for so long as he/she has not submitted thesis, have to enroll for each semester.
- 13.7 The student who enrolls extra semester beyond his/her minimum residential requirement will have to pay full semester fee for each and every extra semester.

14. RE-ADMISSION

- 14.1 If a student fails to enroll in any semester(s) without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desires re-admission, he/she shall have to apply for the same.

Rules & Regulations Relating to Masters Degree Programs

14.2 The Advanced Studies and Research Board may readmit such a candidate subject to the payment of Rs. 2,000/- as re-admission fee and Rs. 10,000/- as per semester gap fee, if applicable.

14.3 The ASRB may refuse the re-admission if the reasons presented before the Board are not convincing.

Note: The period of gap semester will be counted towards residential requirements..

15. SUPERVISORY COMMITTEE

15.1

a) The supervisory committee of a student shall be proposed by the respective Board of Studies of the Department/Institute during 1st semester.

b) Supervisory Committee shall consist of two teachers from the major field of study and one from the minor/elective field of study. However, if an outstanding specialist in a major or minor/elective field of study is available outside the University, he/ she may be taken as a member of the Supervisory Committee in place of a teacher or as an additional member.

c) Supervisor of the student will act as chairman of the supervisory committee.

d) Supervisory committee proposed by the respective Board of Studies and recommended by the Chairman/ Director of the Institute/ Principal and Dean of the faculty concerned, shall be approved by the Advanced Studies and Research Board and notified by the Director Advanced Studies.

e) Supervisory committee may be revised according to the regulation (15.1 (a) to (d)) with the reasons of change to be recorded.

15.2 In case, a student duly recommended by the Chairman and Dean/Director/ Principal concerned to conduct his/her complete/part of research thesis in other institution/laboratory, is allowed by the Director Advanced Studies, then the helping scientist / specialist may be taken as co-supervisor/special member on the supervisory committee of the student. However, the university will not bear any financial liability in this context.

15.3 The Professor emeritus may act as supervisor/member of supervisory committee of postgraduate students if he/she is stationed at Faisalabad.

15.4 Foreign Faculty members, HEC National Professors/HEC Eminent Scientists may act as supervisor/member of the supervisory committee provided that they are appointed for three years.

15.5 Retired teachers of the GC University, Faisalabad may continue as supervisor/member of the supervisory committee to their previous postgraduate students if they had supervised the student up to the approval of the synopsis. However, on re-employment for three years they may be given supervision of a new student.

15.6 Adhoc/contract teachers may act as supervisor / member of the supervisory committee only where there is shortage of regular faculty members. Faculty on Tenure Track System (TTS) / Interim Placement of Fresh PhD Program (IPFP) will be considered as regular faculty for the subject purpose.

16. REVISION OF COURSE REGISTRATION FORM

16.1 A student may be permitted to revise his/her Course Registration Form within 20 days from the commencement of classes. After this period he/she may be allowed to revise Course Registration Form up to 28th day from the commencement of classes on payment of Rs.1, 000/- as Course Registration Form revision fee.

16.2 The students of first semester may be allowed to revise his/her Course Registration Form within 30 days of the last date of enrollment.

17. COURSE OF STUDY

17.1 All post-graduate courses will be designated appropriate course code numbers and will be preceded by suitable alphabets indicating the name of the respective department.

17.2 A full time student can enroll up to 18 credit hours in a semester. However, the Vice Chancellor may relax enrollment rules up to 2 credit hours for a semester in special cases.

Rules & Regulations Relating to Masters Degree Programs

- 17.3** Out of the total number of credits referred to the Regulation 6.1, only one credit hour each shall be earned through Seminar and Special Problem.
- 17.4** A course can be repeated three times (enrolled four times) at the most. The Controller of Examinations office will mention corresponding repetitions in the result notification and the student shall mention repetition status in the Course Registration Form.
- 17.5** **Transfer of Credits:** The Advanced Studies and Research Board, may consider credits earned by a student at another HEC recognized institution, subject to a maximum of 50 per cent of the minimum credits requirements for the degree, on the recommendations of Equivalence Committee provided that:
- The contents of the course(s) for which credit is claimed, are identical or similar to the course included in his/her planned course work and the courses for which credit is claimed has not been used for another degree.
 - Courses with less than B grade shall not be considered for transfer of credit.
- 17.6** Students would submit their **Course Work** Program during first semester and **Synopsis** during the 3rd semester of their **program of study**.
- 17.7** A course studied to qualify a degree will not be taken / considered for any other higher degree program.
- 17.8** Credit earned for a course shall laps on the expiry of five years for regular student and seven years for part time student from the end of the semester in which the course was qualified. The Advanced Studies and Research Board may revalidate the lapsed courses for special reasons to be recorded.
Explanation: Deficiency course once qualified will not lapse and shall not to be called in question again and need not to be revalidated.
- 17.9** No course shall carry more than 4 credit hours.

18. EXAMINATIONS

- 18.1** Examination Fee: University examination fee shall be charged at the time of enrollment of each semester.
- 18.2** **Tests and Examinations:**
- There shall be two examinations mid and final in each semester. In addition to these examinations the teacher shall give home assignments and quizzes etc. to the students. The form of these examinations will be left to the teacher who will be solely responsible for the conduct of examination as well as evaluation in his/her course. The grade given in the course by the teacher shall be final .
 - Only those students, who have at least 75% attendance in theory and practical separately in each course, shall be eligible to appear in the final examination.
 - A teacher shall report to the Dean/Director/Principal concerned through the Chairman of the concerned Department the names of students who are absent from the lectures/ practicals continuously for seven days to enable Director Advanced Studies to strike off names of such students. He/she may be readmitted under the university rules or may be refused admission if the reasons advanced for readmission are not convincing.
- 18.3** The final examination for a semester shall be held on a date and time and place to be notified by the teacher in advance.
- 18.4** To pass a deficiency course a student is required to obtain at least "C" grade.
- 18.5** The scripts of each examination shall be discussed with the students.
- 18.6** The mid-semester examination shall be held during 9th week of the semester which shall carry 30 per cent of the total allocated marks for the course. This examination shall be held by the teacher concerned who shall determine the form of the examination.
- 18.7** For the purpose of evaluation, one credit will carry 20 marks e.g. a four credits course will carry 80 marks. These marks will be divided in accordance with the credits assigned to theory and practical for each course.
- 18.8** The following weightage shall be given to the examinations, home assignments;
- | | |
|---|------------|
| (a) Mid-semester examination | 30% |
| (b) Home assignments quizzes, presentations | 20% |
| (c) Final examination | <u>50%</u> |
| Total: | 100% |
- (Fraction in total marks of a course will be rounded to the nearest whole number)

Rules & Regulations Relating to Masters Degree Programs

- 18.9** The duration of examination shall be as under;
- | | |
|--------------------------|--------------------|
| Mid-Semester Examination | One hour |
| Final Examination | Two to three hours |
- 18.10** Final examination covering the full syllabus with at least 25% of the course of midterm as well, shall be held at the end of each semester.
- 18.11** Question paper for the mid and final term examination shall be set by the respective teacher. However, Chairperson/ Principal/ Director/ Departmental Incharge shall ensure the quality and standard of the question paper set by the teacher.
- 18.12** To qualify a course it is essential to pass separately in the theory and practical examinations.
- 18.13** The teacher shall send the final award list along with answer sheets of mid, final and practical for the course to the office of the Controller of Examinations within 10 days after the end of a semester. Advanced Studies and Research Board may condone the delay in result submission. A soft copy of the award list should also be sent to the office of the Chairman/Director/Principal of the College and Director Advanced Studies.
- 18.14** On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the Director, Advanced Studies, Dean/ Director/Principal and the Chairmen of the Departments concerned.

19. Grade Point Average

- 19.1** Grade point and Equivalence between letter grading and numerical grading shall be as follows:

Grade	Value	Marks (%)	Remarks
A	4	80-100	Excellent
B	3	65 - 79.99	Good
C	2	50 - 64.99	Satisfactory
D	1	40 - 49.99	Pass
F	0	Below 40	Fail

- 19.2** If a student fails to obtain CGPA of 2.00 at the end of each academic year (fall & spring) his / her admission shall stand cancelled. However he / she may seek fresh admission as and when the University offers.
- Note:** The student who avails only one regular semester (fall or spring) must obtain GPA of 2.00 at the end of the same academic year to remain on roll.
- 19.3** A student, who obtains CGPA of 2.00 or more but less than 2.50 upon the completion of entire approved course work, may be allowed to repeat once the **course(s)** of the previous semesters in which he / she obtained the lowest grades in order to improve the CGPA so as to obtain the minimum of 2.50 failing which he / she shall cease to be on the rolls. (A student is allowed to improve two D grades over his degree period)
- 19.4** CGPA of 2.5 out of 4.0 is required to qualify for the award of degree.

20. Thesis/ Research Report

- 20.1** A student shall be entitled to submit thesis for examination after he/she has qualified the approved course work and has also fulfilled the residential requirements. . He/she is required to submit thesis submission form and thesis examination fee before the submission of thesis.
- 20.2** The thesis shall be completed according to the guidelines approved by the Advanced Studies and Research Board and shall be submitted to the office of the Director Advanced Studies within 60 days after the termination of the semester.
- 20.3** The thesis duly certified by the supervisory committee that the contents and form of the thesis are satisfactory for submission shall be sent to the external examiner by the office of the Controller of Examinations (CE) for evaluation. A panel of three examiners per student shall be submitted to the CE office by the Chairman of the respective Board of Studies on or before the submission of thesis.

- 20.4** The thesis shall be evaluated by a Board of Examiners comprising members of the supervisory committee and one external examiner appointed by the Vice Chancellor from the panel of names recommended by the Board of Studies. At least three members of the Boards of Examiners of whom one must be an external examiner shall be appointed to evaluate the thesis, hold a viva voce examination and such other tests as they are considered necessary for the degree. The external examiner shall be given reasonable time to go through the contents of the thesis critically. The viva voce examination would be conducted at least after one week of the receipt of thesis by the external examiner.
- 20.4.1** There shall be 120 marks corresponding to 06 credit hours allocated for thesis.
- 20.4.2** Total marks so awarded will be converted into a letter grade as prescribed in regulation No. 19.1 and average grades on the basis of course work and thesis will then be worked out to calculate the final CGPA.
- 20.4.3** Original Plagiarism report along with the Certificate from Supervisor and Declaration by the student must be submitted while submitting the thesis to the Directorate of Advanced Studies. The Directorate of Advanced Studies shall notify the dates for the semi final and final phases of thesis submission.
- 20.4.4** The thesis evaluation should be completed within six months from the date of dispatch of thesis by the Controller of Examinations to the quarter concerned. The Controller of Examination shall get the approval of the external examiner from the Vice Chancellor and thesis shall be dispatched to him/her accordingly. In case of regret from the first External Examiner nominee (s), second approval of External Examiner nominee (s) shall be sought within eight weeks from the Vice Chancellor by the Controller Examination. However, the Vice Chancellor may allow extension for thesis evaluation up to one year in hardship cases.
- 20.4.5** Supervisor, after consultation with the external examiner shall write to the Controller Examination for notifying the date, time and venue of thesis evaluation.
- 20.4.6** The supervisor shall send the award list of thesis examination after counter signature of the Chairman to the office of the Controller of Examinations after making sure that the student has incorporated the suggested improvements. The Controller of Examinations shall notify the result of the student after receiving three bound copies of thesis.
- 20.4.7** The color of hard bound cover of Master program shall be Maroon.
- 20.5** In case of disagreement between the Supervisory Committee and the External Examiner regarding the acceptance of the thesis it shall be referred to another external examiner whose decision shall be final.
- 20.6** If a candidate fails in the thesis examination, he/she may enroll again and will submit a revised thesis within six months after the date of declaration of the result of the last thesis examination, on payment of the prescribed thesis examination fee. He/she can avail this chance only once.
- 20.7** If the thesis, submitted by a candidate for final evaluation, is proved to be copied/ plagiarized at the time of viva-voce examination, it will be liable to be rejected on the report of Board of Examiners and the Controller of Examinations will declare the candidate fail in thesis examination. The admission of such candidate shall be cancelled and he/she shall not be readmitted under any circumstances.
- 20.8** If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be readmitted under any circumstances.

21. General

- 21.1** The students who enroll extra semesters beyond their minimum residential requirement will not be allowed hostel accommodation.
- 21.2** After submission of the thesis, the students will not be allowed to stay in the University hostels.
- 21.3** Office of the Director, Advanced Studies will maintain student's record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of the Vice Chancellor.
- 21.4** Office of the Controller of Examinations shall keep scripts of student's examinations for one semester.

Rules & Regulations Relating to MS / M.Phil. Degree Programs

1. ADMISSION CRITERIA

- 1.1 **Minimum Academic Requirement:** A candidate seeking admission to the degree must: have sixteen years of education or 4 years education after F.A./F.Sc./A-Level or equivalent (at least 130 credit hours) with at least second division/CGPA 2.50 in the degree on the basis of which admission is requested and qualified a GRE (General) Type Test as may be prescribed by HEC or adopted by the Advanced Studies and Research Board of GC University, Faisalabad. For LLM, the minimum academic requirement is LLB (3 / 5 years).
- 1.2 **Medical Certificate:** The candidate must produce, at the time of the first enrollment, a certificate from the University Resident Medical Officer to the effect that he/she is free from any communicable (contagious) disease or mental or physical disability which is likely to stand in the way of his/her pursuing the chosen field of study.
- 1.3 **Age:** A candidate for admission has no age limit as long as there is no physical or mental handicap.
- 1.4 **No Objection Certificate (NOC):** NOC is required from degree holders from other universities for the registration in GC University, Faisalabad

2. MEDIUM OF INSTRUCTION

- 2.1 The medium of instructions and examinations shall be English (Except Faculty of Islamic and Oriental learning, which shall be in Urdu or their subject language).

3. DURATION OF THE COURSE

- 3.1 The duration for the Degrees of MS/M. Phil / LLM shall not be less than four and more than six semesters in full residence and not less than six and more than eight semesters for the University employees admitted as part time students.
- 3.2 The employees of the government/ other agencies nominated for MS/M. Phil/ LLM degree at this University shall have to take study leave to pursue studies as a regular student, failing which he/ she will not be admitted. However, after getting admission by a nominee in the university, it would be obligatory for the parent department to sanction the study leave or extension in the leave in favour of the nominee within one semester failing which, his/her admission shall stand cancelled.

4. DURATION OF THE SEMESTER

- 4.1 There shall be 2 semesters (fall and spring) of 18 weeks in each academic year. The commencement of semesters shall be regulated by the Academic Council (**Explanation:** Out of 18 weeks, 16 weeks shall be actual teaching time. The rest may be utilized for enrollment, conduct of examinations and declaration of results, etc.)

5. SCHEME OF STUDY

- 5.1 The subjects of study for the degree programs are given in **SCHEDULE II** (Course Detail) which may be amended from time to time. A student shall present an acceptable thesis in addition to completing his/her approved course work in order to qualify for the award of the degree.

6. MINIMUM REQUIREMENT FOR THE VARIOUS DEGREE PROGRAMS

- 6.1 A student admitted to the degree program shall be required to take minimum 24 credits (excluding 06 credits for thesis research). Deficiency course(s) shall not be counted toward the minimum credit hours requirement.

7. ROUTING OF ACADEMIC MATTERS

- 7.1 All the academic matters shall be routed through proper channel i.e. through the Chairman/Incharge of the Department/Director and Principal/Dean of the college/faculty concerned.

Rules & Regulations Relating to MS / M.Phil. Degree Programs

8. DEFICIENCY COURSES

- 8.1** If the course(s) studied by a candidate in his /her previous degree (on the basis of which admission is requested) do not provide adequate background for the degree program of study, he/she may be required to make up the deficiency by taking additional course(s) as determined by the respective Departmental Board of Studies.

9. TIME FOR ADMISSION

- 9.1** Admission may be conducted twice a year i.e. in the fall semester and spring semester. If a candidate fails to complete enrollment, his / her admission shall stand cancelled. However, nominees of HEC, GCUF, foreign countries and other government organizations, may be admitted up to the end of each semester with the condition that they will have to cover up the courses by taking seminars, special problem and research project.

10. UNIVERSITY EMPLOYEE

- 10.1 The Academic Staff:** A teacher / researcher of the GC University, Faisalabad (regular) may be allowed to enroll himself / herself for post graduate courses after getting permission from the competent authority. He / she under this arrangement will be a part time student and a full time employee. He / she will be allowed to enroll maximum of two courses and one seminar or special problem in a semester and pay half dues of the semester along with the examination fee. In case, he / she intends to take maximum credit hours allowed to a full time student then he / she will have to take leave from the University and pay full University dues.
- 10.2 Administrative Staff:** The administrative staff of the GC University, Faisalabad (regular) will be treated at par for admission to various post graduate courses under evening program after getting permission from the competent authority. He / she will take maximum of two courses, one seminar or special problem and pay half dues of the semester along with exam fee. He / she under this arrangement will be a part time student and a full time employee. In case, he / she intend to take maximum credit hours or take morning course, he / she will have to take leave from the university and pay full dues. However, the number of seats for admission to various degree programs for administrative staff might be fixed by the Vice Chancellor.

11. AUTHORITY OF ADMISSION

- 11.1** The admission to a degree program shall be made by the Advanced Studies and Research Board on the basis of merit list prepared by the Directorate of Advanced Studies.
- 11.2** Lists of selected candidates would be displayed by the Director Advanced Studies and if needed subsequent lists would be displayed till the last seat is filled up. **(Explanation:** The last list would be displayed keeping in view that 75% attendance in lectures would not suffer).
- 11.3** The Advanced Studies and Research Board may refuse admission to a candidate without assigning any reason.

12. DISCONTINUATION/FREEZE OF STUDY/SEMESTER

- 12.1** A student may discontinue an enrolled semester before appearing in the final examination with the permission of the Vice Chancellor, obtained through the Director, Advanced Studies on the recommendations of the Chairman/Director/Principal and Dean, on account of sickness duly certified by the University Medical Officer or due to circumstances beyond his/her control, subject to fulfillment of condition that the student has passed the final examination of previous semester with minimum prescribed GPA/CGPA required for the said degree program.
- 12.2** The facility of discontinuation can be availed only once during the whole degree program and that too for one semester only.
- 12.3** A Candidate shall not ordinarily be allowed to discontinue studies during the first semester.
- 12.4** A student, permitted to discontinue is required to resume his/her studies from the next semester on the recommendation of Chairman/ Director/ Principal/Dean concerned and notified by the Director of Advanced Studies.
- 12.5** During the semester freeze, bonafide status of the student shall remain suspended. He/She will not be entitled to avail any privilege as that of a regular student

Rules & Regulations Relating to MS / M.Phil. Degree Programs

- 12.6** An HEC fellowship awardee will be allowed to join a training program with the condition that his/her training would not disturb his/her enrollment in the University and will remain intact. On his/her return and rejoining the University, he would have to meet the enrollment formalities (Ex-post-facto) of this period (the whole period of HEC scholarship) and it would also be included in the period of residential requirements of the scholar.

13. ENROLLMENT

- 13.1** An application for enrollment on the prescribed Course Registration Form accompanied by proof of fee payment (bank receipt) shall be presented to the office of the Director Advanced Studies on the day(s) notified for enrollment.
- 13.2** The Director, Advanced Studies under special circumstances and on payment of late fee of Rs.500 may permit a student to enroll within ten days after the commencement of the classes.
- 13.3** The Vice Chancellor may allow a student to enroll till the last day of the 4th week after the commencement of classes, with double late fee of Rs.1000.
- 13.4** Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.
- 13.5** Enrollment shall only be considered complete when Course Registration Form is submitted to the office of the Director, Advanced Studies. Depositing of fee only will not serve the purpose.
- 13.6** A candidate admitted to a degree program shall, so long as he/she has not submitted thesis, has to enroll for each semester.
- 13.7** The students who enroll extra semesters beyond their minimum residential requirement (four semesters) will have to pay full semester fee for each and every extra semester.

14. REVISION OF COURSE REGISTRATION FORM

- 14.1** A student may be permitted to revise his/her Course Registration Form within 20 days from the commencement of classes. After this period he/she may be allowed to revise Course Registration Form up to 28th day from the commencement of classes on payment of Rs.1, 000/- as Course Registration Form revision fee.
- 14.2** The students of first semester may be allowed to revise his/her Course Registration Form within 30 days of the last date of enrollment.
- 14.3** The ASRB may refuse the re-admission if the reasons presented before the Board are not convincing.
- Note: The period of gap semester will be counted towards residential requirements.

15. SUPERVISORY COMMITTEE

- 15.1** (a) The supervisory committee of a student shall be proposed by the respective Board of Studies of the Department/Institute during 1st semester.
(b) Supervisory Committee shall consist of two teachers from the major field of study and one from the minor/elective field of study. However, if an outstanding specialist in a major or minor/elective field of study is available outside the University, he/ she may be taken as a member of the Supervisory Committee in place of a teacher or as an additional member.
(c) Supervisor of the student will act as chairman of the supervisory committee.
(d) Supervisory committee proposed by the respective Board of Studies and recommended by the Chairman/ Director of the Institute/ Principal and Dean of the faculty concerned, shall be approved by the Advanced Studies and Research Board and notified by the Director Advanced Studies.
(e) Supervisory committee may be revised according to the regulation (15.1 (a) to (d)) with the reasons of change to be recorded.
- 15.2** In case, a student duly recommended by the Chairman and Dean/Director/ Principal concerned to conduct his/her complete/part of thesis research in other institution/laboratory, is allowed by the Director Advanced Studies the helping scientist may be taken as co-supervisor/special member on the supervisory committee of the student. However, the university will not bear any financial liability in this context.
- 15.3** The Professor Emeritus may act as supervisor/member of supervisory committee of postgraduate students if he/she is stationed at Faisalabad.

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- 15.4 Foreign Faculty members, HEC National Professors/HEC Eminent Scientists may act as supervisor/member of the supervisory committee provided that they are appointed at this University for three years.
- 15.5 Retired teachers of the GC University, Faisalabad may continue as supervisor/member of the supervisory committee to their previous postgraduate students if they had supervised the student up to the approval of the synopsis. However, on re-employment for three years they may be given supervision of a new student.
- 15.6 Adhoc/contract teachers may act as supervisor / member of the supervisory committee only where there is a shortage of regular faculty members. Faculty on Tenure Track System (TTS) / Interim Placement of Fresh PhD Program (IPFP) will be considered as regular faculty for the subject purpose.

16-RE-ADMISSION

- 16.1 If a student fails to enroll in any semester(s) without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desires readmission, he/she shall have to apply for the same.
- 16.2 The Advanced Studies and Research Board may readmit such a candidate subject to the payment of Rs. 2,000/- as re-admission fee and Rs. 10,000/- as per semester gap fee, if applicable.
- 16.3 The Advanced Studies and Research Board may refuse the re-admission if the reasons presented are not convincing.
Note: The period of gap semester will not be counted towards residential requirements.

17. COURSE OF STUDY

- 17.1 All post-graduate courses will be designated an appropriate course code number and will be preceded by the suitable alphabets indicating the name of the respective department.
- 17.2 A full time student can enroll up to 15 credit hours in a semester. However, the Vice Chancellor may relax enrollment up to 2 credit hours for a semester.
- 17.3 Out of the total number of credits referred to the Regulation 6.1, only one credit each shall be earned through Seminar and Special Problem.
- 17.4 A course can be repeated three times (enrolled four times) at the most. The Controller of Examinations office will mention corresponding repetitions in the result notification and the student shall mention repetition status in the Course Registration Form.
- 17.5 **Transfer of Credits:** The Advanced Studies and Research Board, may consider credits earned by a student at another HEC recognized institution, subject to a maximum of 50 per cent of the minimum credit requirements for the degree, on the recommendations of Equivalence Committee provided that:
 - a) The contents of the course(s) for which credit is claimed, are identical or similar to the course included in his/her planned course work.
 - b) The course for which credit is claimed should not have been used for any other degree.
 - c) Courses with less than B grade shall not be considered for transfer of credit hours.
- 17.6 Students would submit their **Course Work** during first semester and **Synopsis** should be approved by the 3rd semester of their **program of study**.
- 17.7 A course studied to qualify a degree will not be taken / considered for any other higher degree programme.
- 17.8 Credit earned for a course shall laps on the expiry of five years for regular student and seven years for part time student from the end of the semester in which the course was qualified. The Advanced Studies and Research Board may revalidate the lapsed courses for special reasons to be recorded.
Explanation: Deficiency course once qualified will not lapse and shall not be called in question again and need not to be revalidated.
- 17.9 No course shall carry more than 4 credit hours.

18. EXAMINATIONS

- 18.1 **Examination Fee:** University examination fee shall be charged at the time of enrollment of each semester.

Rules & Regulations Relating to MS / M.Phil. Degree Programs

18.2 Tests and Examinations:

a) There shall be two examinations mid and final in each semester. In addition to these examinations the teacher shall give home assignments and quizzes etc. to the students. The form of these examinations will be left to the teacher who will be solely responsible for the conduct of examination as well as evaluation in his/her course. The grade given in the course by the teacher shall be final.

b) Only those students, who have at least 75% attendance in theory and practical separately in each course, shall be eligible to appear in the final examination.

c) A teacher shall report to the Dean/Director/Principal concerned through the Chairman of the concerned department the names of students who are absent from the lectures/practicals continuously for seven days to enable Director Advanced Studies to strike off the names of such students. He/She may be readmitted under the university rules or refused admission if the reasons given for readmission are not convincing enough.

18.3 The final examination for a semester shall be held on a date, time and place to be notified by the department in advance.

18.4 To pass a deficiency course, a student is required to obtain at least "C" grade.

18.5 The scripts of each examination shall be discussed with the students.

18.6 The mid-semester examination shall be held during 9th week of the semester which shall carry 30 per cent of the total allocated marks for the course. This examination shall be held by the teacher concerned who shall determine the form of the examination.

18.7 For the purpose of evaluation, one credit will carry 20 marks e.g. a four credit course will carry 80 marks. These marks will be divided in accordance with the credits assigned to theory and practical for each course.

18.8 The following weightage shall be given to the examinations and home assignments;

(a) Mid-semester examination	30%
(b) Home assignments quizzes, presentations	20%
(c) Final examination	<u>50%</u>
Total:	100%

(Fraction in total marks of a course will be rounded to the nearest whole number)

18.9 The duration of examination shall be as under;

Mid-Semester Examination	One hour
Final Examination	Two to three hours

18.10 Final examination covering the full syllabus with at least 25% of the course of mid-semester as well shall be held at the end of each semester.

18.11 Question paper for the mid and final semester examination shall be set by the respective teacher. However, Chairperson/Principal/Director/Departmental In charge shall ensure the quality and standard of the question paper set by the teacher.

18.12 To qualify a course, it is essential to pass separately in the theory and practical examinations.

18.13 The teacher shall send the final award list along with answer sheets of mid, final and practical for the course to the office of the Controller of Examinations within 10 days after the end of a semester. Advanced Studies and Research Board may condone the delay in result submission. A soft copy of the award list should also be sent to the office of the Chairman/Director/Principal of the College & Director Advanced Studies.

18.14 On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the Director, Advanced Studies, Dean/ Director/Principal and the Chairman of the Departments concerned.

Rules & Regulations Relating to MS / M.Phil. Degree Programs

19. GRADE POINT AVERAGE

19.1 Grade point and Equivalence between letter grading and numerical grading shall be as follows:

Grade	Value	Marks(%)	Remarks
A	4	80-100	Excellent
B	3	65-79.99	Good
C	2	50-64.99	Pass
F	0	Below 50	Fail

19.2 If a student fails to obtain CGPA of **2.50** at the end of each academic year (fall and spring) his / her admission shall stand cancelled. However he / she may seek fresh admission as and when the University offers.

Notes: The student who avails only one regular semester (fall or spring) must Obtain GPA of **2.50** at the end of the same academic year to remain on roll.

19.3 A student, who obtains CGPA of **2.50** or more but less than 3.00 upon the completion of entire approved course work, may be allowed to repeat once the course(s) of the previous semesters in which he / she obtained the lowest grades in order to improve the CGPA so as to obtain the minimum of 3.00 failing which he / she shall cease to be on the rolls.

19.4 CGPA of 3.00 out of 4.00 is required to qualify for the award of degree.

20. THESIS EXAMINATION

20.1 Thesis must be submitted latest by the 60 days grace period after the closing date of the semester as otherwise candidate admitted to a degree program shall so long as he/she has not submitted thesis, has to enroll for each semester

20.2 The thesis shall be completed according to the guidelines approved by the Advanced Studies and Research Board and shall be submitted to the office of the Director Advanced Studies within 60 days after the termination of the semester.

20.3 The thesis shall be prepared according to the guidelines approved by the Advanced Studies and Research Board and shall be submitted to the office of the Director Advanced Studies.

20.4 The thesis duly certified by the supervisory committee that the contents and form of the thesis are satisfactory for submission shall be sent to the external examiner by the office of the Controller of Examinations (CE) for evaluation. A panel of three examiners per student shall be submitted to the CE office by the Chairman of the respective Board of Studies on or before the submission of thesis.

20.5 The thesis shall be evaluated by a Board of Examiners comprising members of the supervisory committee and one external examiner appointed by the Vice Chancellor from the panel of names recommended by the Board of Studies. At least three members of the Boards of Examiners of whom one must be an external examiner shall "for the purpose of evaluating the thesis," hold a viva voce examination and such other tests as they consider necessary. The external examiner shall be given reasonable time to go through the contents of the thesis critically. The viva voce examination would be conducted at least after one week of the receipt of thesis by the external examiner.

20.5.1 There shall be 120 marks corresponding to 6 credit hours allocated for thesis.

20.5.2 Total marks so awarded will be converted into a letter grade as prescribed in regulation No. 19.1 and average grades on the basis of course work and thesis will then be worked out to calculate the final CGPA.

20.5.3 The thesis evaluation will be conducted within six months from the date of dispatch of thesis from the controller examination to the quarter concerned failing which the student will be declared/assumed fail in the thesis examination and shall be notified by the office of the Controller of Examinations. However, the Vice Chancellor may allow extension for thesis evaluation up to one year in hardship cases.

Rules & Regulations Relating to MS / M.Phil. Degree Programs

- 20.5.4** The thesis evaluation should be completed within six months from the date of dispatch of thesis by the Controller of Examinations to the quarter concerned. The Controller of Examinations shall get the approval of the external examiner from the Vice Chancellor and thesis shall be dispatched to him/her accordingly. In case of regret from the first External Examiner nominee (s), second approval of External Examiner nominee (s) shall be sought within eight weeks from the Vice Chancellor by the Controller Examination. However, the Vice Chancellor may allow extension for thesis evaluation up to one year in hardship cases.
- 20.5.5** Supervisor after consultation with external examiner shall write to the Controller Examination for notifying the date, time and venue of thesis evaluation.
- 20.5.6** The supervisor shall send the award list of thesis examination after counter signature of the Chairman to the office of the Controller of Examinations after making sure that the student has incorporated the suggested improvements. The Controller of Examinations shall notify the result of the student after receiving three bound copies of thesis.
- 20.5.7** Original Plagiarism report along with the Certificate from Supervisor and Declaration by the student must be submitted while submitting the thesis to the Directorate of Advanced Studies. The Directorate of Advanced Studies shall notify the dates for the semi final and final phases of thesis submission
- 20.5.8** The color of hard bound cover of M.Phil. / MS program shall be Black.

- 20.6** In case of disagreement between the Supervisory Committee and the External Examiner regarding the acceptance of the thesis it shall be referred to another external examiner, with the due approval of the Competent Authority (the Vice Chancellor), whose decision shall be final.
- 20.7** If a candidate fails in the thesis examination, he/she may enroll again and will submit a revised thesis within six months after the date of declaration of the result of the last thesis examination, on payment of the prescribed thesis examination fee. He/she can avail this chance only once.
- 20.8** If the thesis, submitted by a candidate for final evaluation, is proved to be copied/ plagiarized at the time of viva-voce examination, it will be liable to be rejected on the report of Board of Examiners and the Controller of Examinations will declare the candidate fail in thesis examination. The admission of such candidate shall be cancelled and he/she shall not be readmitted under any circumstances.
- 20.9** If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to as fail in thesis examination. Such a candidate shall not be readmitted to M.Phil. / M.S. under any circumstances.

21. GENERAL

- 21.1** The students who enroll extra semesters beyond their minimum residential requirement will not be allowed hostel accommodation.
- 21.2** After submission of the thesis, the students will not be allowed to stay in the University hostels.
- 21.3** Directorate of Advanced Studies will maintain student record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of the Vice Chancellor.
- 21.4** Office of the Controller of Examinations shall keep scripts of students' examinations for one semester.

Rules & Regulations Relating to Ph.D. Degree Programs

1. ADMISSION CRITERIA

- 1.1 **Minimum Academic Requirement:** A candidate seeking admission to the degree must have M.Phil./MS/ six years education after F.A./F.Sc./A-Level/ any other equivalent Educational Certification for the degree on the basis of which admission is requested, in at least first division/CGPA 3.00) and have qualified a GRE (subject) Type Test as prescribed by HEC and adopted by the Advanced Studies and Research Board of GC University, Faisalabad.
- 1.2 **Domicile:** The candidate should submit the domicile of Punjab. Candidate with domicile other than Punjab has to produce a nomination letter from his/her respective provincial government against reserved seats if there are any. Foreign students can also apply through the relevant Federal Ministry and their relevant department(s).
- 1.3 **Medical Certificate:** The candidate must produce at the time of the first enrollment, a certificate from the University Resident Medical Officer to the effect that he/she is free from any communicable (contagious) disease or mental or physical disability which is likely to stand in the way of his/her pursuing the chosen field of study.
- 1.4 **Age/Gender:** No age or gender discrimination for the admission in Ph.D. programs shall be observed as long as there is no physical or mental handicap.
- 1.5 **No Objection Certificate (NOC):** NOC is required from degree holders from other universities for registration in GC University, Faisalabad.

2. MEDIUM OF INSTRUCTION

- 2.1 The medium of instruction and examinations shall be English (Except Faculty of Islamic and Oriental learning, which shall be in Urdu or their relevant subject language).

3. DURATION OF THE COURSE

- 3.1 The duration for the Degree of PhD shall not be less than six and more than ten semesters in full residence and not less than eight and more than twelve semesters for the university employee admitted as part time students.
- 3.2 The employees of the government/ other agencies nominated for Ph.D. degree at this University shall have to take study leave to pursue studies as a regular student, failing which he/ she shall not be admitted. However, after getting admission by a nominee in the university, it would be obligatory for the parent department to sanction the study leave or extension in the leave in favour of the nominee within one semester failing which his/her admission shall stand cancelled.

4. DURATION OF THE SEMESTER

- 4.1 There shall be 2 semesters (Fall and Spring) of 18 weeks each in an academic year. The commencement of semesters shall be regulated by the Academic Council.
(Explanation: Out of 18 weeks, 16 weeks shall be actual teaching time; the rest may be utilized for enrollment, conduct of examinations and declaration of results, etc.)

5. SUBJECTS OF STUDY

- 5.1 The subjects of study for the degree programs are given in schedule –III, which may be amended from time to time. A student shall present an acceptable thesis in addition to completing his/her approved course work and comprehensive examination in order to qualify for the award of the degree.

6. MINIMUM REQUIREMENT FOR THE VARIOUS DEGREE PROGRAMS

- 6.1 A student admitted to the degree program shall take minimum 18 credits followed by comprehensive examination. He/she will have to defend Ph.D. synopsis and thesis at university level. Deficiency course(s) shall not be counted toward the minimum credit hours requirement.

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- 6.2** Public thesis defense is mandatory, in the presence of a board of senior researchers, consisting of members from an outside organization or a university. The defense is done in a public presentation in which teachers, students, and the general public can participate. The scholar presents his/her research work and answers the questions of the audience. The University will notify in advance the date, time and venue of the event via its website, newsletters and news papers etc.

7. ROUTING OF ACADEMIC MATTERS

- 7.1** All the academic matters should be routed through the proper channel i.e. through the Chairman/Incharge of the Department/Director and Principal / Dean of the faculty concerned.

8. DEFICIENCY COURSES

- 8.1** If the course(s) studied by a candidate in his /her previous degree (on the basis of which admission is requested) does not provide adequate background for the degree program of study, he/she may be required to makeup the deficiency by taking additional course(s) as determined by the respective Departmental Board of Studies.

9. TIME OF ADMISSION

- 9.1** Admission may be conducted twice a year i.e. in the fall semester and spring semester. If a candidate fails to complete enrollment, his / her admission shall stand cancelled. However, nominees of HEC, GCUF, foreign countries and other government organizations, may be admitted up to the end of each semester with the condition that they will have to cover up the courses by taking seminars, special problem and research project.

10. UNIVERSITY EMPLOYEES

- 10.1** **The Academic Staff:** A teacher / researcher of the GC University, Faisalabad (regular) may be allowed to enroll himself / herself for post graduate courses after getting permission from the competent authority. He / she under this arrangement will be a part time student and a full time employee. He / she will be allowed to enroll maximum of two courses and one semester or special problem in a semester and pay half dues of the semester along with examination fee. In case, he / she intends to take maximum credit hours allowed to a full time student then he / she will have to take leave from the University and pay full University dues.
- 10.2** **Administrative Staff:** The administrative staff of the GC University, Faisalabad (regular) will be treated at par for admission to various post graduate courses under evening program after getting permission from the competent authority. He / she will take maximum of two courses, one seminar or special problem and pay half dues of the semester along with examination fee. He / she under this arrangement will be a part time student and a full time employee. In case, he / she intends to take maximum credit hours or take morning course he / she will have to take leave from the university and pay full dues. However, the number of seats for admission to various degree programs for administrative staff might be fixed by the Vice Chancellor.

11. AUTHORITY OF ADMISSION

- 11.1** The admission to a degree program shall be made by the Advanced Studies and Research Board on the basis of merit list prepared and checked by the Directorate of Advanced Studies.
- 11.2** Lists of selected candidates would be displayed by the Director Advanced Studies and if needed subsequent lists would be displayed till the last seat is filled up. **(Explanation:** The last list would be displayed keeping in view that 75% attendance in lectures would not suffer).
- 11.3** The Advanced Studies and Research Board may refuse admission of a candidate on disciplinary, moral or on the violation of university rules.

12. DISCONTINUATION / FREEZING OF STUDY / SEMESTER

- 12.1** A student may discontinue enrolled semester before appearing in the final examination with the permission of the Vice Chancellor obtained through the Directorate of Advanced Studies on the recommendations of the Dean / Director / Principal because of sickness duly certified by the University Medical Officer or due to any circumstances beyond his/her control.

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- 12.2 The facility of discontinuation can be availed only once during the whole degree program.
- 12.3 A student so permitted to discontinue is required to resume his/her studies from next semester on the recommendation of Chairman/ Director/ Principal/ Dean concerned and notified by the Director Advanced Studies.
- 12.4 A Candidate shall not ordinarily be allowed to discontinue studies during the first semester
- 12.5 During the semester freeze, bonafide status of the student shall remain suspended. He/She will not be entitled to avail any privilege as that of a regular student.
- 12.6 An HEC fellowship awardee will be allowed to join a training program with the condition that his/her training would not disturb his/her enrollment in the University and will remain intact. On his/her returning and rejoining the University, he would have to meet the enrollment formalities (Ex-post-facto) of this period (the whole period of HEC scholarship) and it would also be included in the period of residential requirements of the scholar.

13. ENROLLMENT

- 13.1 An application for enrollment on the prescribed form (Course Registration Form), accompanied by proof of fee payment (bank receipt) shall be presented to the office of the Director Advanced Studies on the day(s) notified for enrollment.
- 13.2 The Director, Advanced Studies under special circumstances and on payment of late fee prescribed for this purpose, may permit a student to enroll within ten days after the commencement of the classes.
- 13.3 The Vice Chancellor may allow a student to be enrolled till the last day of the 4th week after the commencement of classes under special circumstances, in individual cases and reasons to be recorded, with double late fee prescribed for this purpose.
- 13.4 Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.
- 13.5 Enrollment will only be considered complete when Course Registration Form is submitted to the office of the Director, Advanced Studies. Only depositing of fee will not serve the purpose.
- 13.6 A candidate admitted to a degree program shall so long as he/she has not submitted thesis, has to enroll for each semester.
- 13.7 The students who will enroll in 9th and 10th semesters will have to pay additional fee of 50% and 100%, respectively over and above the regular fee.

14. RE-ADMISSION

- 14.1 If a student fails to enroll in any semester(s) without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desires readmission, he/she shall have to apply for re-admission.
- 14.2 The Advanced Studies and Research Board may readmit such a candidate subject to payment of readmission fee of Rs.1000/- and full fee of semester(s) for the gap period if any and the period of gap semesters(s) will not be counted towards his/her residential requirement.
- 14.3 The ASRB may refuse the re-admission if the reasons presented before the Board are not convincing.
Note: The period of gap semester will be counted towards residential requirements.

15. SUPERVISORY COMMITTEE

- 15.1 (a) The Supervisory Committee of a student shall be proposed by the respective Board of Studies of the Department/Institute during 1st semester.
(b) Supervisory Committee shall consist of two teachers from the major field of study and one from the minor/elective field of study. However, if an outstanding specialist in a major or minor/elective field of study is available outside the University, he/ she may be taken as a member of the Supervisory Committee in place of a teacher or as an additional member.
(c) Supervisor of the student will act as chairman of the supervisory committee.

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(d) Supervisory Committee proposed by the respective Board of Studies and recommended by the Chairman/ Director of the Institute/ Principal and Dean of the faculty concerned, shall be approved by the Advanced Studies and Research Board and notified by the Director Advanced Studies.

(e) Supervisory Committee may be revised according to the regulation (15.1 (a) to (d)) with the reasons of change to be recorded.

- 15.2** In case, a student duly recommended by the Chairman and Dean/Director/ Principal concerned to conduct his/her complete/part of thesis research in other institution/laboratory, is allowed by the Director Advanced Studies the helping scientist may be taken as co-supervisor/special member on the Supervisory Committee of the student. However, the university will not bear any financial liability in this context.
- 15.3** The Professor Emeritus may act as supervisor/member of Supervisory Committee of postgraduate students if he/she is stationed at Faisalabad.
- 15.4** Foreign Faculty members, HEC National Professors/HEC Eminent Scientists may act as supervisor/member of the Supervisory Committee provided that they are appointed at this University for three years.
- 15.5** Retired teachers of the GC University, Faisalabad may continue as supervisor/member of the Supervisory Committee to their previous postgraduate students if they had supervised the student up to the approval of the synopsis. However, on re-employment for three years they may be given supervision of a new student.
- 15.6** Adhoc/contract teachers may act as supervisor / member of the Supervisory Committee only where there is a shortage of regular faculty members. Faculty on Tenure Track System (TTS) / Interim Placement of Fresh Ph.D. Program (IPFP) will be considered as regular faculty for the subject purpose.
- 15.7** HEC rules shall be followed for allowing the maximum number of Ph.D. students under one supervisor, which states as under;
- a)- The maximum number of Ph.D. students under the supervision of a full time faculty member, will normally be 5 which may be increased to 8 under special circumstances in teaching departments subject to the prior approval of the Higher Education Commission.
- b)- Eminent faculty/scientists such as HEC Distinguished Professors, Fellow of Royal Societies (FRS) and those who have cumulative impact factor of 100 or more can supervise as many Ph.D. students as they wish.

16. REVISION OF REGISTERED COURSE

- 16.1** A student may be permitted to revise his/her Course Registration Form within 20 days from the commencement of classes. After this period he/she may be allowed to revise Course Registration Form up to 28th day from the commencement of classes on payment of Rs.1, 000/- as Course Registration Form revision fee.
- 16.2** The students of first semester may be allowed to revise his/her Course Registration Form within 30 days of the last date of enrollment.

17. COURSE OF STUDY

- 17.1** All post-graduate courses will be designated an appropriate course code number and will be preceded by the suitable alphabets indicating the name of the respective department.
- 17.2** A full time student can enroll up to 12 credit hours in a semester. However, Advanced Studies and Research Board may relax enrollment up to 2 credit hours for a semester.
- 17.3** Out of the total number of credits referred to the Regulation 6.1, only two credits each shall be earned through Seminar and one through Special Problem. Out of these two seminars, one should relate to the subject of his / her research and should be delivered at the time of preparation of synopsis, at university level.
- 17.4** A course can be repeated three times (enrolled four times) at the most. The Controller of Examinations office will mention corresponding repetitions in the result notification and the student shall mention repetition status in the Course Registration Form.
- 17.5** **Transfer of Credits:** The Advanced Studies and Research Board, may consider credits earned by a student at another HEC recognized institution, subject to a maximum of 50 per cent of the minimum credits requirements for the degree, on the recommendations of Equivalence Committee provided that:
- a) The contents of the course(s) for which credit is claimed, are identical or similar to the course included in his/her planned course work program.

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- a) The course for which credit is claimed has not been used for any other degree.
- b) Courses with less than B grade shall not be considered for transfer of credits.
- 17.6** Students would submit their **Course Work Program** during first semester and **Synopsis** during the 4th semester of their program of study.
- 17.7** A course studied to qualify a degree will not be taken / considered for any other higher degree program.
- 17.8** Credit earned for a course shall lapse on the expiry of five years for regular student and seven years for part time student from the end of the semester in which the course was qualified. The Advanced Studies and Research Board may revalidate the lapsed courses for special reasons to be recorded.
Explanation: Deficiency course once qualified will not lapse and shall not be called in question again and need not to be revalidated.
- 17.9** No course shall carry more than 4 credits.

18. EXAMINATIONS

- 18.1 Examination Fee:** University examination fee shall be charged at the time of enrollment of each semester.
- 18.2 Tests and Examinations:**
 - a) There shall be two examinations mid and final in each semester. In addition to these examinations, the teacher shall give home assignments and quizzes etc. to the students. The form of these examinations will be left to the teacher who will be solely responsible for the conduct of examination as well as evaluation in his/her course. The grade given in the course by the teacher shall be final .
 - b) Only those students, who have at least 75% attendance in theory and practical separately in each course, shall be eligible to appear in the final examination.
 - c) A teacher shall report to the Dean/Director/Principal concerned through the Chairman of the concerned Department the names of students who are absent from the lectures/practical continuously for seven days to enable Director Advanced Studies to strike off names of such students. He/she may re admit under the university rules or refuse admission if the reasons advanced for readmission are not convincing.
- 18.3** The final examination for a semester shall be held on a date, time and place to be notified by the teacher in advance.
- 18.4** To pass a deficiency course, a student is required to obtain at least “C” grade.
- 18.5** The scripts of each examination shall be discussed with the students.
- 18.6** The mid-semester examination shall be held during 9th week of the semester which shall carry 30 per cent of the total allocated marks for the course. This examination shall be held by the teacher concerned who shall determine the form of the examination.
- 18.7** For the purpose of evaluation, one credit will carry 20 marks e.g. a four credit course will carry 80 marks. These marks will be divided in accordance with the credits assigned to theory and practical for each course.
- 18.8** The following weightage shall be given to the examinations and home assignments;

(a) Mid-semester examination	30%
(b) Home assignments, quizzes, presentations etc.	20%
(c) Final examination	<u>50%</u>
Total:	100%

(Fraction in total marks of a course will be rounded to the nearest whole number)
- 18.9** The duration of examination shall be as under;

Mid-Semester Examination	One hour
Final Examination	Two to three hours
- 18.10** Final examination covering the full syllabus with at least 25% of the course of mid-semester as well shall be held at the end of each semester.

Rules & Regulations Relating to Ph.D. Degree Programs

- 18.11** Question paper for the mid and final semester examination shall be set by the respective teacher. However, Chairperson/Principal/Director/Departmental In charge shall ensure the quality and standard of the question paper set by the teacher.
- 18.12** To qualify a course, it is essential to pass separately in the theory and practical examinations.
- 18.13** The teacher shall send the final award list along with answer sheets of mid, final and practical for the course to the office of the Controller of Examinations within 10 days after the end of a semester. Advanced Studies and Research Board may condone the delay in result submission. A soft copy of the award list should also be sent to the office of the Chairman/Director/Principal of the College & Director Advanced Studies.
- 18.14** On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the Director, Advanced Studies, Dean/ Director/Principal and the Chairman of the Departments concerned.

19. GRADE POINT AVERAGE

- 19.1** Grade point and Equivalence between letter grading and numerical grading shall be as follows:

Grade	Value	Marks (%)	Remarks
A	4	80 - 100	Excellent
B	3	65 - 79.99	Good
C	2	50 - 64.99	Pass
F	0	Below 50.0	Fail

- 19.2** If a student fails to obtain 3.0 CGPA at the end of each academic year (fall and spring) his/her admission shall stand cancelled. However he/she may seek fresh admission.

Note: The student who avails only one regular semester (fall/spring) must obtain 3.0 GPA at the end of the same academic year to remain on roll.

20. COMPREHENSIVE EXAMINATION

- 20.1** A student admitted to the course shall take a comprehensive examination, within two semesters after he/she has successfully completed the approved course work.
(Explanation: The comprehensive examination shall be arranged within 10 weeks while the date, time and venue of examination shall be notified within first week of the termination of each regular semester. A student will have to apply for comprehensive examination on the prescribed form at least four weeks before the examination. If a student does not apply within the specified period or does not appear in the examination, he/she will be deemed to have availed one chance and failed to qualify in the first attempt).
- 20.2** The comprehensive examination will cover the complete course work and shall consist of a written part followed by an oral part. It will be designed to ascertain whether the student has attained the breadth of knowledge and the intellectual maturity necessary to become a successful scholar in his/her chosen discipline. It will not be a mere re-examination of previous courses but will test the students' ability to integrate and assimilate the knowledge obtained from the courses, seminars and independent studies.
- 20.3** A student has to apply on the prescribed form for comprehensive examination to the office of the Director Advanced Studies (for 1st and 2nd attempts). In case the student does not apply/appear in the examination, his/her chance will lapse.
- 20.4** If a student does not qualify either written or oral part of the comprehensive examination, he/she shall be eligible to appear in the fail part again but only once and within two semesters from the date of the declaration of the result of the examination.
- 20.5** A student who has passed the comprehensive examination shall be deemed to have become a candidate for admission to Ph.D. degree

COMPREHENSIVE EXAMINATION - WRITTEN PART

- 20.6** The Controller of Examinations shall, with the approval of the Vice Chancellor, notify the date, time and venue of the examination at least two weeks before the commencement of the examination
- 20.7** Examiners for the written comprehensive examination shall be appointed by the Vice Chancellor, processed through Controller of Examinations office from a panel of examiners (three for each paper) proposed by respective Board of Studies. The number of papers shall be three.
- 20.8** Each member shall, within seven days after the receipt of the answer books, return them duly marked to the Controller of Examinations along with the award list.
- 20.9** To pass the written examination a student must secure 65% marks in each paper separately.
- 20.10** If a student fails in two or more papers, he/she will be re-examined in all the papers. In case a student fails in one paper, he/she can reappear only in the failed paper but only once within two semesters.

21. THESIS SUBMISSION AND DEFENSE

- 21.1** A candidate who has passed the comprehensive examination shall be allowed to submit thesis. But, before submission, he/she will have to defend thesis, at University level through video conference. This presentation shall be evaluated by the Supervisory Committee and if found acceptable, the final submission may be allowed.

SUBMISSION AND EVALUATION PROCEDURE OF THESIS

- 21.2** The thesis shall be completed according to the guidelines approved by the Advanced Studies and Research Board and shall be submitted to the office of the Director Advanced Studies within 90 days after the termination of the semester.
- 21.3** A student shall be entitled to submit thesis for examination after he/she has qualified the approved courses work, qualified the comprehensive examination (written) and has also fulfilled the residential requirements. He/she is required to submit thesis examination fee before the submission of semi-final thesis.
- 21.4** The thesis shall be prepared according to the guidelines approved by the Advanced Studies and Research Board and shall be submitted to the office of the Director Advanced Studies
- 21.5** The color of hard bound cover of Ph.D. program thesis shall be Dark Green.
- 21.6** The thesis duly certified by the Supervisory Committee that the contents and form of the thesis are satisfactory for submission shall be sent to the external examiner by the office of the Controller of Examinations (CE) for evaluation.
- 21.7** Two examiners out of a panel of twelve experts (eight experts from the foreign countries and four from Pakistan) recommended by the respective Board of Studies shall be appointed by the Vice Chancellor for the evaluation of thesis. The panel of experts should represent at least 4 countries.
- 21.8** The Controller of Examinations shall get the thesis evaluated within four months after the date of submission / re-submission of thesis to his office. Any delay beyond three months must be brought to the notice of the Vice Chancellor.
- 21.9** The thesis must be an original and scholarly contribution to the knowledge of the candidate's chosen field of study.
- 21.10** Each External Examiner shall explicitly state in his/her report:
 - a)** Whether or not the thesis is of sufficient merit to justify the award of Ph.D. Degree to the candidate.
 - b)** Whether the candidate should be allowed to revise and re-submit his thesis. In the later case the broad lines on which the thesis should be revised must be clearly stated.
- 21.11** If both the examiners approve the thesis, the candidate shall be recommended for the award of the degree.
- 21.12** A Ph.D. candidate is obliged to submit three copies of his Ph.D. thesis for evaluation.
- 21.13** A summary be added showing annotated replied as also verified by the concerned Chairman/Director.

Rules & Regulations Relating to Ph.D. Degree Programs

- 21.14** The Ph.D. thesis will be placed in the office of the Chairman of the concerned department for one week prior to its submission for foreign evaluation. The suggestion received if in order will be incorporated through the supervisory committee.
- 21.15** If both the examiners reject thesis, the candidate shall be declared as failed. However, the Advanced Studies and Research Board may allow a student to re-conduct his/her research and re-submit his/her thesis on a new topic as recommended by his Supervisory Committee. This facility would be available only once within the period of residential requirements i.e. 10-14 semesters.
- 21.16** If one of the examiners approves the thesis and the other rejects it, it shall be sent to a third examiner, for evaluation. If the third examiner approves the thesis, the candidate shall be recommended for the award of the degree, otherwise he/she shall be declared as failed.
- 21.17** If one of the examiners approves the thesis and other is of the view that it is not acceptable in the form in which it has been presented but requires revision, the following procedure shall be followed:
- (i) The supervisory committee of the candidate may either:
 - (a) write to the examiners concerned explaining why it is not possible to revise the thesis and taking the position that it should be examined in its original form, or
 - (b) if the views of the examiner were acceptable to the Committee, require the candidate to revise and re-submit the thesis within a period not exceeding two semesters, for re-evaluation.
 - (ii) If the examiner approves the original thesis or the revised thesis, as the case may be, the candidate shall be recommended for the award of the degree.
 - (iii) In case of disagreement between the supervisory committee and the examiner, the matter shall be referred to the Advanced Studies and Research Board which may suggest such action as it may consider expedient.
- 21.18** If both the examiners express the opinion that the thesis as presented, is not acceptable, but required revision the following procedure shall be adopted:
- (i) In case the lines, on which the examiners have suggested revision of the thesis are substantially the same and are acceptable to the Supervisory Committee, they shall call upon the candidate to revise the thesis on these lines and re-submit it within a period not exceeding two semesters, for re-evaluation. The revised thesis shall then be sent to the examiners.
 - (ii) In case the lines on which the examiners have suggested revision are not acceptable to the Supervisory Committee, the matter shall be referred to the Advanced Studies and Research Board which may suggest such action as it may consider expedient.
 - (iii) In case a candidate, who is required to revise and re-submit his/her thesis, does not do so within the period allowed, he/she shall be declared to have failed.
- 21.19** Acceptance/publication of at least one research paper in a HEC approved "X" category journal (Y in case of Social Sciences) is essential for the award of Ph.D. degree. The financial incentive to the teacher will be redeemable after the publication of the paper. The name of the authors must be from within the supervisory committee.
- Note:-
- (i) The expenditure to be incurred on research articles submitted to W category journals will be borne by the University.
 - (ii) Finally approved three copies of hard bound Ph.D. thesis along with two CDs. one each for HEC and University Library.
- 21.20** If the thesis, submitted by a candidate for final evaluation, is proved to be copied / plagiarized, it will be liable to be rejected. The admission of such a candidate shall be cancelled and he/she will not be readmitted to Ph.D. under any circumstances.
- 21.21** If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be readmitted to Ph.D. under any circumstances.

22. GENERAL REGULATIONS

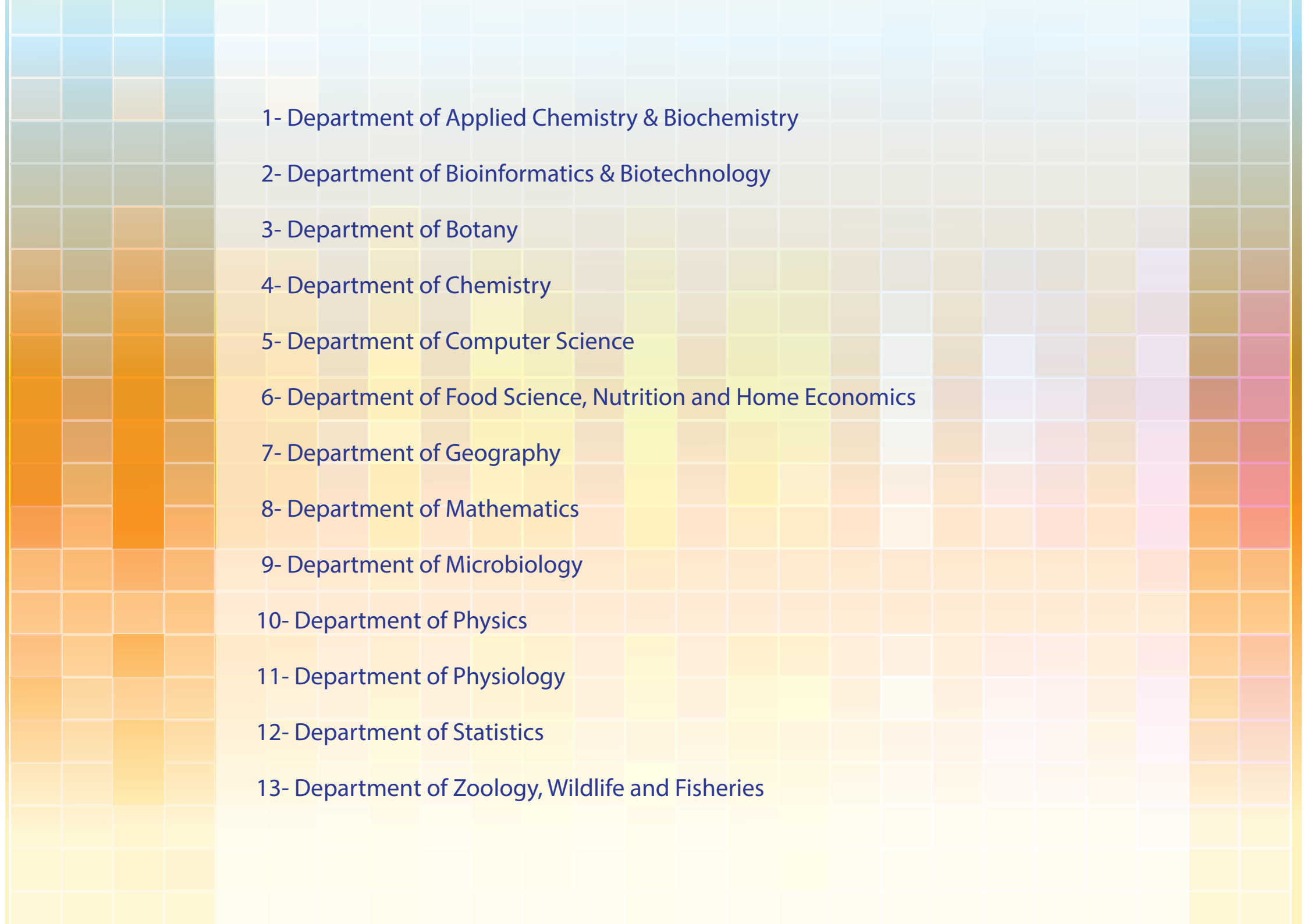
- 22.1** The maximum number of Ph.D students under the supervision of a full time faculty member will be 5 which may be increased to 8 under special circumstances in certain teaching departments subject to prior approval of HEC.
- 22.2** There should be at least three relevant full time Ph.D. Faculty members to launch the Ph.D. program
- 22.3** A candidate who has fulfilled all the requirements prescribed for the course shall be awarded the Degree of Doctor of Philosophy.

23. PROCEDURE FOR DEFENDING THESIS

- 23.1** While defending Ph.D. Thesis by a Ph.D. scholar in the absence of Co-supervisor/ Member, the Chairman of the Department/Director of the Institute in which student is enrolled will sign on behalf of co-supervisor or member. Note: (In case the Chairman of Supervisory Committee is also a Chairman of Teaching Department or Director of Institute and is on leave (within country) he must attend the Ph.D. thesis defense and a date in this regard shall be fixed with his consultation.
- 23.2** For “Minor Change” in the title of the Synopsis/Thesis, a letter from the Supervisory Committee of the student, will serve the purpose.
- 23.3** In case of major change, the student will have to defend it again at University level evaluated by the Supervisory Committee.
- 23.4** The student who enrolls extra semesters beyond the minimum residential period (six semesters) will have to pay full semester fee for each and every extra semester.
- 23.5** (i) The students enrolled in the 9th and 10th semester in their Ph.D. program will not be allowed hostel accommodation.
(ii) After submission of the thesis, the students will not be allowed to stay in the University hostels.

Faculty of

Science & Technology

- 
- 1- Department of Applied Chemistry & Biochemistry
 - 2- Department of Bioinformatics & Biotechnology
 - 3- Department of Botany
 - 4- Department of Chemistry
 - 5- Department of Computer Science
 - 6- Department of Food Science, Nutrition and Home Economics
 - 7- Department of Geography
 - 8- Department of Mathematics
 - 9- Department of Microbiology
 - 10- Department of Physics
 - 11- Department of Physiology
 - 12- Department of Statistics
 - 13- Department of Zoology, Wildlife and Fisheries



Programs Offered

- BS Applied Chemistry
- M.Sc Applied Chemistry
- M.Phil/Ph.D Applied Chemistry

Chairperson: Prof. Dr. Mohammad Zuber

Department of Applied Chemistry & Biochemistry

Contact: 041-9200037, 041-9200066-70, Ext: 218

Email: appchem@gcuf.edu.pk

Introduction

The University is situated in the center of Faisalabad which is the hub of the textile industry because of its vast industrial network and textile based structure. More than 500 textile units in the city are utilizing chemistry to manufacture value added products according to world standards. In addition, to textile sector, Faisalabad is also well known for different industries; such as paints, pigments, dyes, sugar, fertilizer, pharmaceutical, oils and fats, soaps and detergents. Keeping in view the industrial need for highly qualified, skilled, visionary and trained manpower that could meet international standards, the Department of Applied Chemistry was established at the GC University Faisalabad in 2004 to meet these challenges. The Department is aspiring to develop state-of-the-art research facilities and has inducted young, talented and very experienced academicians. The faculty of the Department of Applied Chemistry is

striving hard with full devotion and dedication to produce dynamic students of high vision with clean cut aims and market oriented objections. The idea behind these activities is to train our students as entrepreneurs for creating the jobs rather than looking for the jobs themselves.

Vision

The vision of the Department is to integrate modern teaching and learning methods in the curriculum to provide training to students in interdisciplinary programs for the academic and industry.

Mission

The mission of the Department of Applied Chemistry is to impart instruction in a nurturing and conducive environment in basic and applied chemistry. The department is being responding to the needs of chemical industry by preparing skilled manpower.

Objectives

- To produce students who are confident of applying the knowledge of chemistry and skills which they acquire in understanding the problems of the local industry and the world at large. Thereby making useful contributions towards resolving industry linked problems.
- To produce chemists who can work as quality control managers (from raw material and intermediate product to final product) in every sector of the industry.
- To provide skill in handling chemicals, managing chemical laboratories and scientific instruments.
- To produce personnel who can efficiently manage the working of industries and be able to motivate and adopt new technologies to meet the international standards.
- Application of the knowledge of chemistry in the daily lives.

The graduates of the Department of Applied Chemistry have a strong understanding of chemistry and deep knowledge of chemical processing in different industries. Furthermore, the Department has developed effective liaison with the different chemical industries in the region. The faculty and the students gain visionary knowledge about the practical applications of theoretical chemistry by a series of regular visits of these industries. Department of Applied Chemistry has developed research labs equipped with a range of lab and pilot scale equipments. The Department of Applied Chemistry is also enhancing its activities by launching different short courses which are designed in collaboration with the Chamber of Commerce and Industries of Faisalabad.

The different areas are:

- Synthetic Polymers Functionalized by Polysaccharides
- Paints and Coatings
- Adhesives and Sealants
- Pharmaceutical Industry
- Natural and Synthetic Rubber
- Dyes and Pigments
- Glass/ceramics and Fertilizers
- Oil and Fat Industries including Non Edible Specialty Products.
- Textile Industries



Faculty

Prof. Dr. Mohammad Zuber

Ph.D (CWRU, USA), M.Phil (QAU), M.Sc (QAU)
Professor / Chairman
Specialization: Polymer Chemistry, Liquid Crystals,
Textile Auxiliaries
(HEC Approved Supervisor)

Dr. Abdullah Ijaz Hussain

Post-doctorate (USM, Malaysia), Ph.D (UAF/UU, Pak/UK),
M.Sc (UAF)
Assistant Professor
Specialization: Analytical Chemistry/ Food Chemistry/
Pharmaceutical Chemistry
(HEC Approved Supervisor)

Dr. Tahsin Gulzar

Post-doctorate (Germany), Ph.D (HEJ)
Assistant Professor
Specialization: Organic Chemistry/ Biotechnology/
Natural Products
(HEC Approved Supervisor)

Dr. Fazal ur Rehman

Ph.D (UAF), M.Sc. (PU)
Assistant Professor
Specialization: Physical Chemistry/ Polymer Chemistry
(HEC Approved Supervisor)

Dr. Muhammad Jawwad Saif

Ph.D (PU), MRSC, C.Chem.
Specialization: Applied Chemistry/Composite Materials/
Nano-Chemistry/Catalysis
(HEC Approved Supervisor)

Dr. Shahzad Ali Shahid Chatha

Ph.D (UAF), M.Phil (UAF), M.Sc (UAF)
Assistant Professor
Specialization: Analytical Chemistry/ Natural Products
Chemistry
(HEC Approved Supervisor)

Dr. Shumaila Kiran

Ph.D (UAF), M.Phil (UAF), M.Sc (UAF)
Assistant Professor
Specialization: Organic Chemistry/ Environment
Chemistry
(HEC Approved Supervisor)

Dr. Mirza Nadeem Ahmad

Ph.D (China), M.Phil (PU), M.Sc (PU)
Assistant Professor
Specialization: Nanomaterials, Composite Materials
(HEC Approved Supervisor)

Dr. Muhammad Ibrahim

Ph.D. (KU), M.Sc. (KU), SPRA, (UK)
Assistant Professor
Specialization: Organic Chemistry/ Natural Products
Chemistry
(HEC Approved Supervisor)

Dr. Tahir Farooq

Ph.D. (Norway), M.Phil (UAF), M.Sc (UAF)
Assistant Professor
Specialization: Medicinal Chemistry
(HEC Approved Supervisor)

Dr. Muhammad Naveed Anjum

Ph.D (China), M.Sc (GCUL)
Assistant Professor
Specialization: Polymer Chemistry
(HEC Approved Supervisor)

Dr Saima Rehman

Ph.D (UAF), M.Sc (UAF)
Lecturer
Specialization: Physical Chemistry

Mrs. Shazia Tabasum

Ph.D Scholar (GCUF), M.Phil (UAF), M.Sc (UAF)
Lecturer
Specialization: Organic Chemistry/Polymer Chemistry

Ms. Anbreen Anjum

M.Phil (GCUF), M.Sc (GCUF)

Lecturer

Specialization: Organic Chemistry

Mrs. Aqdas Noreen

M. Phil (UAF), M.Sc.(GCUF)

Lecturer

Specialization: Organic Chemistry

Ms. Kinza Aslam

M.Phil Scholar (GCUF). M.Sc (UAF)

Lecturer

Specialization: Organic Chemistry



Scheme of Studies

BS Applied Chemistry

Semester 1

ENG-321	English for Academic Purposes	3(3-0)
PHY-323	Applied Physics-I	4(3-1)
ISL-321	Islamic Studies/Ethics	2(2-0)
MTH-335	Functional Mathematics-I	3(3-0)
OR	(For Medical students) Functional Biology-I	
BOT-303	(For Non-medical students)	
CSI-303	Computer and its Application in Chemistry	3(3-0)
ACH-301	Fundamentals of Inorganic Chemistry	4(3-1)

Semester 2

ENG-322	Reading, Writing, Speaking and listening Skills	3(3-0)
PST-322	Pakistan Studies	2(2-0)
PHY-324	Applied Physics-II	4(3-1)
MTH-332	Functional Mathematics-II (For Medical students)	3(3-0)
OR		
BOT-306	Functional Biology-II (For Non- medical students)	3(3-0)
ACH-302	Fundamentals of Organic Chemistry	4(3-1)
ACH-304	Environmental Chemistry	3(3-0)

Semester 3

ENG-421	Communication Skills	3(3-0)
STA-455	Introduction to Statistical Theory	3(3-0)
MTH-429	Mathematics for Chemists-I	3(3-0)
ACH-401	Fundamentals of Physical Chemistry	4(3-1)
ACH-403	Fundamentals of Biochemistry	4(3-1)

Semester 4

ENG-422	Technical Writing	3(3-0)
MTH-434	Mathematics for Chemists-II	3(3-0)
ACH-402	Selected Topics in Chemistry	4(3-1)
ACH-404	Fundamentals of Analytical Techniques	4(3-1)
ACH-406	Fundamentals of Applied Chemistry	4(3-1)

Semester 5

ACH-501	Applied Inorganic Chemistry-I	4(3-1)
ACH-503	Applied Organic Chemistry-I	4(3-1)
ACH-505	Applied Physical Chemistry-I	4(3-1)
ACH-507	Analytical Techniques and Quality Control	4(3-1)
ACH-509	Chemometrics	3(3-0)

Semester 6

ACH-502	Applied Inorganic Chemistry-II	4(3-1)
ACH-504	Applied Organic Chemistry-II	4(3-1)
ACH-506	Applied Physical Chemistry-II	4(3-1)
ACH-508	Applied Molecular Spectroscopy	3(3-0)
ACH-510	Chemical Process Industries	4(3-1)

Semester 7**General Applied Chemistry Group**

ACH-601	Oils, Fats and Waxes	4(3-1)
ACH-603	Colour Chemistry	4(3-1)
ACH-605	Chemistry of Textiles Processing	4(3-1)
ACH-607	Inorganic Chemical Industries	3(3-0)
ACH-609	Food and Allied Industries	3(3-0)
ACH-611	Paper and Leather Industries	3(3-0)
ACH-613	Glass, Ceramics and Cement Industries	3(3-0)
ACH-635	Research Methods and Scientific Writing	2(2-0)
ENG-601	English for Employment	3(3-0)

Semester 7**Polymer Science and Technology Group**

ACH-615	Synthetic Polymers	4(3-1)
ACH-617	Characterization Techniques for Polymers	4(3-1)
ACH-619	Mechanism and Kinetics of Polymerization	3(3-0)
ACH-621	Synthetic Fibers	3(3-0)
ACH-623	Introduction to Composite Materials	3(3-0)
ACH-625	Polymer Rheology and Processing	3(3-0)
ACH-633	Natural Polymers	3(3-0)
ACH-635	Research Methods and Scientific Writing	2(2-0)
ENG-601	English for Employment	3(3-0)

In 7th semester students of both specializations have to opt to study any two practical courses and any two non-practical courses from their respective groups when offered by the department, however, ACH-635 and ENG-601 are compulsory courses.

Semester 8

BIM-606	Fundamentals of Marketing	2(2-0)
BIM-608	Cost & Managerial Accounting	2(2-0)
ACH-606	Biotechnology for Chemical Industries	3(3-0)
OR		
ACH-608	Physical Chemistry of Polymers	3(3-0)
ACH-629	Seminar	1(1-0)
ACH-630	Review Article/ Postgraduate Industrial Project	4(0-4)

M.Sc Applied Chemistry

Semester 1

ACH-551	Applied Inorganic Chemistry-I	4(3-1)
ACH-553	Applied Organic Chemistry-I	4(3-1)
ACH-555	Applied Physical Chemistry-I	4(3-1)
ACH-557	Analytical Techniques and Quality Control	4(3-1)
ACH-559	Chemometrics	3(3-0)

Semester 2

ACH-552	Applied Inorganic Chemistry-II	4(3-1)
ACH-554	Applied Organic Chemistry-II	4(3-1)
ACH-556	Applied Physical Chemistry-II	4(3-1)
ACH-558	Applied Molecular Spectroscopy	3(3-0)
ACH-560	Chemical Process Industries	4(3-1)

Semester 3

General Applied Chemistry Group

ACH-651	Oils, Fats and Waxes	4(3-1)
ACH-653	Colour Chemistry	4(3-1)
ACH-655	Chemistry of Textiles Processing	4(3-1)
ACH-657	Inorganic Chemical Industries	3(3-0)
ACH-659	Food and Allied Industries	3(3-0)
ACH-661	Paper and Leather Industries	3(3-0)
ACH-663	Glass, Ceramics and Cement Industries	3(3-0)
ACH-685	Research Methods and Scientific Writing	2(2-0)
ENG-651	English for Employment	3(3-0)

Semester 3

Polymer Science and Technology Group

ACH-665	Synthetic Polymers	4(3-1)
ACH-667	Characterization Techniques for Polymers	4(3-1)
ACH-669	Mechanism and Kinetics of Polymerization	3(3-0)
ACH-671	Synthetic Fibers	3(3-0)
ACH-673	Introduction to Composite Materials	3(3-0)
ACH-675	Polymer Rheology and Processing	3(3-0)
ACH-683	Natural Polymers	3(3-0)
ACH-685	Research Methods and Scientific Writing	2(2-0)
ENG-651	English for Employment	3(3-0)

In 3rd semester students of both specializations have to opt to study any two practical courses and any two non-practical courses from their respective groups when offered by the department, however, ACH-685 and ENG-651 are compulsory courses.

Semester 4

MIM-652	Fundamentals of Marketing	2(2-0)
MIM-654	Cost & Managerial Accounting	2(2-0)
ACH-656	Biotechnology for Chemical Industries OR	3(3-0)
ACH-658	Physical Chemistry of Polymers	3(3-0)
ACH-679	Seminar	1(1-0)
ACH-681	Postgraduate Industrial Project	4(0-4)

M.Phil/Ph.D Applied Chemistry

Theory Courses

*ACH-701	Instrumental Analysis for Process Industries	3(3-0)
*ACH-702	Industrial Water Conditioning and Effluent Treatment	3(3-0)
*ACH-703	Corrosion Chemistry	3(3-0)
*ACH-704	Green Chemistry	3(3-0)
*ACH-705	Industrial Catalysis	3(3-0)
*ACH-706	Emulsions and Emulsification	3(3-0)
ACH-707	Paints and Coatings	3(3-0)
ACH-708	Pharmaceutical Chemistry	3(3-0)
ACH-709	Agrochemicals	3(3-0)
ACH-710	Chemistry of Dyes and Pigments	3(3-0)
ACH-711	Chemistry of Essential Oils	3(3-0)
ACH-712	Functional Food and Nutraceuticals	3(3-0)
ACH-713	Industrial Polymers	3(3-0)
ACH-714	Applied Atomic Spectroscopy	3(3-0)
ACH-715	Electrochemical Methods	3(3-0)
ACH-716	Applied Mass Spectrometry	3(3-0)
ACH-718	High Performance Fibers	3(3-0)
ACH-719	Adhesive and Sealants	3(3-0)
ACH-720	Chemistry of Supramolecules	3(3-0)
ACH-721	Chemistry of Nanomaterials	3(3-0)
ACH-722	Chemistry of Elastomeric Materials	3(3-0)
ACH-723	Polymeric Composites	3(3-0)
ACH-724	Biodegradable Polymers	3(3-0)
ACH-725	Chemistry of Pharmaceutical Excipients	3(3-0)
ACH-726	Chemistry of Textile Auxiliaries	3(3-0)
ACH-727	Environmental Issues of Chemical Industries	3(3-0)
ACH-731	Plastics Recycling Industries	3(3-0)
ACH-732	Phase Transfer Catalysis	3(3-0)
ACH-733	Chemistry of Carbohydrate Derivatives	3(3-0)
ACH-734	Chromatographic Methods	3(3-0)
ACH-735	Methods of Thermal Analysis	3(3-0)

ACH-736	Forensic Analysis	3(3-0)
ACH-737	Applied Biophysical Chemistry	3(3-0)
ACH-738	Natural Products Chemistry	3(3-0)
ACH-739	Applied Nuclear Chemistry	3(3-0)
ACH-740	Applied NMR Spectroscopy	3(3-0)

OTHER MANDATORY REQUIREMENTS FOR M.PHIL

STA-799	Statistics for Research	3(2-1)
ACH-728	General Seminar	1(1-0)
ACH-729	Research Seminar	1(1-0)
ACH-730	Thesis (3rd & 4th Semesters)	6(0-6)

OTHER MANDATORY REQUIREMENTS FOR PH.D.

*STA-799	Statistics for Research	3(2-1)
ACH-758	General Seminar	1(1-0)
ACH-759	Research Seminar	1(1-0)
ACH-760	Thesis	

*Core courses for MPhil program; the students will have to take four core courses as and when offered by the department.

*PhD. Students will have to take two core courses if they have not studied in MPhil or previous studies.

*PhD students who have not studied the course "Statistics for Research" in MPhil will have to take this course as audit course as mandatory requirement.

N.B: Overall 24 teaching credit hours for MPhil and 18 teaching credit hours for PhD program are mandatory. However, the research supervisors of students may recommend additional courses. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.

Programs Offered

- BS Bioinformatics and Biotechnology (4 Year)
- MS Bioinformatics (2 Year)
- MS Biotechnology (2 Year)
- PhD Biotechnology (3-5 Year)

Chairperson: Prof. Dr. Farhat Abbas

Coordinator: Dr. Asma Haque

Department of Bioinformatics & Biotechnology

Contact: 041-9201553, 041-9200066-70, Ext: 134

Email: bioinfo.biotech@gcuf.edu.pk

Introduction

We are witnessing the birth of a new era in biological sciences. The ability to decipher the genetic code of living organisms has opened new opportunities to improve the quality of human life and has dramatically changed the challenges that the biological and biomedical sciences can address. Bioinformatics and Biotechnology have become frontline applied science disciplines of the twenty-first century. The Government College University, Faisalabad is amongst the few institutions in the country to offer degree programs in these emerging fields of Science. Bioinformatics is an amalgamation of Life Sciences, Statistics, Mathematics and Computer Sciences. It is responsible for developing new computer programs (databases and softwares) for their application in life sciences. Biotechnology is the technological application of biological systems (living organisms or derivatives thereof) to make or modify

products or processes intended for "Human Welfare" or specific use. Department of Bioinformatics and Biotechnology (BNB) provides interdisciplinary learning and training that bridges the Departments and seamlessly integrates computational methodologies into biological education on the following lines:

- A broad understanding of the molecular processes of life.
- Understanding of the tools used for mapping and sequencing genes/genomes.
- Training of DNA and protein sequence and structural analysis, gene expression and proteomics analysis, data mining, optimization and statistical methods, database development and algorithm design.
- A high level of skill in designing and usage of information techniques with emphasis on the organization, display, interpretation and analysis of complex data.
- Skill development and hands on training of basic and advanced laboratory techniques being utilized in the

modern world.

Scope

Bioinformatics and Biotechnology is expected to create an impact on scientific, engineering and economic development of the world. These are fast growing important disciplines for academic research and industrial applications. Career opportunities in Bioinformatics and Biotechnology will continue to expand on both the computer and biological science forefronts. For Computer Sciences, there are opportunities in academics, programming, database development, system analysis and software engineering. In the Biological Sciences, career opportunities exist in agricultural, animal, environmental, microbial and industrial research as well as academia.

Vision

For scientific community, the need to decode and interpret the information entrenched in the human as well as other genomes are growing every day because of the innovations in Bioinformatics and Biotechnology. It is envisioned that the programs offered in the Department will develop Bioinformatics and Biotechnology professionals with interdisciplinary approaches to explore different areas of life sciences with the help of state-of-art technologies being applied around the globe. Introduction and promotion of Bioinformatics and Biotechnology in the country as emerging sciences is one of the primary objectives of the Department.

Mission

The mission of the Department of Bioinformatics and Biotechnology (BNB) is to provide a collaborative learning environment with a life science focus, that prepares students for higher education to reach the forefront of leadership by developing the sophisticated computational methods to conduct groundbreaking research in key areas of Bioinformatics and Biotechnology, to make fundamental discoveries, generate innovative solutions to practical problems and to develop new technologies for commercial applications. The Department is committed to provide an exceptional environment for specialized training and to mentor tomorrow's workforce through a challenging curriculum, exploration of scholarly research, design and implementation of original investigations and interactive partnerships.

Faculty

Dr. Farhat Abbas

Ph.D (UK)
Professor / Chairman
Specialization: Climate Change Extremes, Carbon Sequestration/Crediting, Hydrology, GIS Applications

Dr. Asma Haque

Ph.D (QAU)
HEC Approved Ph.D Supervisor
Co-ordinator/Assistant Professor
Specialization: Medical Biotechnology, Molecular Biology of Infectious Diseases

Dr. Muhammad Ibrahim Rajoka (SI)

Ph.D (PU)
HEC Approved Ph.D Supervisor
Professor
Specialization: Biotechnology, Genetic Engineering

Dr. Muhammad Aamer Mehmood

Ph.D (QAU)
HEC Approved Ph.D Supervisor
Assistant Professor
Specialization: Biotechnology, Advanced Bio Fuels, Metabolic Pathways Engineering

Dr. Tayyaba Huma

Ph.D (QAU)
HEC Approved Ph.D Supervisor
Assistant Professor
Specialization: Industrial Biotechnology, Enzyme Biotechnology, Microbiology

Dr. Tayyaba Shaheen

Ph.D (QAU)
Assistant Professor
Specialization: Plant Biotechnology

Dr. Usman Ali Ashfaq

Ph.D (PU)
HEC Approved Ph.D Supervisor
Assistant Professor

Specialization: Virology, Molecular Medicine, Molecular Biology, Bioinformatics, Computer Aided Drug Designing

Dr. Muhammad Qasim

Ph.D (PU)
HEC Approved Ph.D Supervisor
Assistant Professor
Specialization: Cell and Molecular Biology, Human Molecular Genetics, Health Biotechnology, Bioinformatics, High Throughput Genome Analysis

Dr. Muhammad Shareef Masoud

Ph.D (PU)
HEC Approved Ph.D Supervisor
Assistant Professor
Specialization: Molecular Biology, Stem Cell and Regenerative Medicine, Health Biotechnology, Bioinformatics, Drug Development

Dr. Mahmood-ur-Rahman Ansari

Ph.D (PU)
HEC Approved Ph.D Supervisor
Assistant Professor
Specialization: Molecular Cell Biology, Plant Biotechnology, Bioinformatics

Dr. Khadim Hussain

Ph.D (QAU)
HEC Approved Ph.D Supervisor
Assistant Professor
Specialization: Molecular Plant Virology, RNA Silencing

Dr. Muhammad Zubair

Ph.D (Sweden)
HEC Approved Ph.D Supervisor
Assistant Professor
Specialization: Plant and Medical Biotechnology

Dr. Ijaz Rasul

Ph.D (Netherlands)
HEC Approved Ph.D Supervisor
Assistant Professor
Specialization: Plant Molecular Biology, Plant Breeding and Genetics, Plant Virology

Dr. Muhammad Asaf Khan

Ph.D (Austria)
Assistant Professor
Specialization: Plant Biotechnology, Plant Hormone Signaling, Transcriptional Regulation

Dr. Nazia Nahid

Ph.D (QAU), Post doc (USA)
Assistant Professor
Specialization: Molecular Biology, Molecular Virology

Dr. Farrukh Azeem

Ph.D (France)
Assistant Professor
Specialization: Plant Molecular Biology

Dr. Muhammad Hussain Siddique

Ph.D (France)
Assistant Professor
Specialization: Microbial and Enzymatic Engineering, Molecular Biology, Bio-energy

Dr. Habib Ullah Nadeem

Ph.D (QAU)
Assistant Professor
Specialization: Enzyme Biotechnology, Protein Engineering

Dr. Muhammad Shahid

Ph.D (PIEAS)
Assistant Professor
Specialization: Plant–Microbe Interaction

Dr. Muhammad Rizwan Javed

Ph.D (QAU)
Assistant Professor
Specialization: Enzyme Biotechnology, Genetic Engineering, Proteomics, Nanotechnology

Dr. Mohsin Tariq

Ph.D (QAU)
Assistant Professor
Specialization: Plant–Microbe Interaction

Dr. Muhammad Ismail

Ph.D (QAU)
Assistant Professor
Specialization: Environmental Biotechnology

Ms. Sadia Liaquat

MS (GCUF), Ph.D Scholar
Lecturer (On Study Leave)
Specialization: Genomics

Mr. Bilal Hussain

M.Phil (GCUF), Ph.D Scholar
Lecturer
Specialization: Fisheries, Molecular Biology

Mr. Muhammad Nawaz

M.Phil (QAU), Ph.D Scholar
Lecturer
Specialization: Plant Biotechnology and Molecular Physiology

Mr. Irfan Manzoor

MS (GCUF), Ph.D Scholar
Lecturer (On Study Leave)
Specialization: Bioinformatics, Genomics

Mr. Muhammad Afzal

M.Phil (PU), Ph.D Scholar
Lecturer (On Study Leave)
Specialization: Bioinformatics, Molecular Biology

Ms. Madiha Nazir

MS (COMSATS), Ph.D Scholar
Lecturer (On Study Leave)
Specialization: Bioinformatics, Molecular Genetics

Ms. Sadia Ali

M.Phil (QAU)
Lecturer
Specialization: Proteomics, Molecular Virology, Plant Biotechnology

Ms. Madiha Hamyat

MS (GCUF)
Teaching Assistant (On Study Leave)
Specialization: Bioinformatics, Evolutionary Biology, Molecular Biology



Scheme of Studies

BS Bioinformatics & Biotechnology

Semester 1

BNB-301	Cell Biology	3(2-1)
BNB-303	Fundamentals of Genetics	4(3-1)
BNB-305	Biochemistry-I	3(2-1)
CSI-321	Computer Fundamentals	4(3-1)
MTH-321	Basic Mathematics	3(3-0)
ENG-321	English for Academic Purposes	3(3-0)

Semester 2

BNB-302	Molecular Biology	4(3-1)
BNB-304	Fundamentals of Microbiology	4(3-1)
BNB-306	Biochemistry-II	3(2-1)
CSI-322	Introduction to Computer Programming	4(3-1)
MTH-322	Calculus	4(4-0)
ISL-322	Islamic Studies	2(2-0)

Semester 3

BNB-401	Immunology	3(3-0)
BNB-403	Molecular Genetics	4(3-1)
BNB-405	Introduction to Biotechnology	3(2-1)
CSI-421	Introduction to Data Structure	4(3-1)
MTH-421	Differential Equations and Laplace Transform	4(4-0)
PST-322	Pakistan Studies	2(2-0)

Semester 4

BNB-402	Bioinformatics-I	4(3-1)
BNB-404	Molecular Evolution and Systematics	3(3-0)
BNB-406	Statistical Methods in Biology	4(3-1)
BNB-408	Biosafety	2(2-0)
CSI-422	Object Oriented Programming	4(3-1)
MTH-422	Linear Algebra and Computational Mathematics	3(3-0)

Semester 5

BNB-501	Bioinformatics-II	4(3-1)
BNB-503	Recombinant DNA Technology	4(3-1)
BNB-505	General Virology	3(3-0)
BNB-507	Techniques in Biochemistry and Biotechnology	3(1-2)
BNB-509	Database Management Systems	4(3-1)

Semester 6

BNB-502	Bioinformatics-III	4(3-1)
BNB-504	Proteomics	3(2-1)
BNB-506	Agriculture Biotechnology	3(2-1)

BNB-508	Social, Ethical and Legal Aspects of Biotechnology/Bioinformatics	3(3-0)
BNB-510	Modeling and Simulations	4(3-1)
BNB-512	Genomics	3(3-0)

Semester 7

BNB-601	Cell Signaling	3(3-0)
BNB-603	Industrial and Environmental Biotechnology	4(3-1)
BNB-605	Food Biotechnology	3(2-1)
BNB-607	Literature Survey and Research Project Management	2(2-0)
BNB-609	Bioinformatics Software Development	4(2-2)
ENG-601	English for Employment	3(3-0)

Semester 8

BNB-602	Research Methodologies	3(0-3)
BNB-604	Recent Trends in Biotechnology and Bioinformatics	3(3-0)
	OR	
BNB-631	Project	6(0-6)

MS Bioinformatics

Semester 1

BNB-701	Advances in Molecular Biology	3(3-0)
BNB-703	Advances in Bioinformatics	3(2-1)
BNB-705	Artificial Intelligence	3(2-1)
BNB-707	Information Retrieval and Processing	3(2-1)

Semester 2

	Specialization-I	3
	Specialization-II	3
	Elective-I	3
	Elective-II	3

Semester 3

BNB-728	Seminar (General)	1(0-1)
BNB-729	Seminar (Research)	1(0-1)
BNB-730	Thesis/Dissertation	6(0-6)

Semester 4

BNB-730	Thesis/Dissertation	6(0-6)
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Specialization Track Courses

BNB-702	Statistical Methods for Computational Biology	3(3-0)
BNB-704	Advances in Computational Algorithms	3(2-1)
BNB-706	Advances in Software Engineering	3(1-2)
BNB-708	Research Methods in Biological Sciences	3(3-0)
BNB-710	Advances in Genomics and Proteomics	3(3-0)

Elective Courses

BNB-732	Modern Techniques in Molecular Biology	3(2-1)
BNB-734	Metabolomics	3(3-0)
BNB-736	DNA Microarrays and Integrative Genetics	3(3-0)
BNB-738	Nanotechnology	3(3-0)

MS Biotechnology

Semester 1

BNB-751	Applications of Biotechnology	3(3-0)
BNB-753	Genetic Engineering	3(3-0)
BNB-755	Biotechnology Fundamentals	3(3-0)
BNB-757	Bioprocess Technology	3(3-0)

Semester 2

	Specialization-I	3
	Specialization-II	3
	Elective-I	3
	Elective-II	3

Semester 3

BNB-728	Seminar (General)	1(0-1)
BNB-729	Seminar (Research)	1(0-1)
BNB-730	Thesis/Dissertation	6(0-6)

Semester 4

BNB-730	Thesis/Dissertation	6(0-6)
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Specialization Track Courses

BNB-752	Techniques in Biotechnology	3(3-0)
BNB-754	Stem Cell Technology	3(3-0)
BNB-756	Fermentation Biotechnology	3(3-0)
BNB-758	Molecular Virology	3(3-0)
BNB-760	Plant-Microbe Interaction	3(3-0)

Elective Courses

BNB-782	Plant Biotechnology	3(3-0)
BNB-784	Medical Biotechnology	3(3-0)
BNB-786	Molecular Data Analysis	3(3-0)
BNB-788	Metabolic Pathway Engineering	3(3-0)

PhD Biotechnology

Semester 1

BNB-801	Recent Trends in Biotechnology	3(3-0)
BNB-803	Cell and Molecular Biology	3(3-0)
	Elective	3

Semester 2

BNB-802	Project Planning, Maintenance and Evaluation	3(3-0)
BNB-804	Methods in Biotechnology Research	3(3-0)
	Elective	3

Semester 3

BNB-828	Seminar (General)	1(0-1)
BNB-829	Seminar (Research)	1(0-1)
BNB-830	Thesis/Dissertation	

Deficiency Courses

BNB-891	Cell and Tissue Culture Technology	3(3-0)
BNB-893	Methods in Industrial Biotechnology	3(3-0)

Elective Courses

BNB-805	Industrial Microbiology and Biotechnology	3(3-0)
BNB-806	Advances in Medical Biotechnology	3(3-0)
BNB-807	Environmental Biotechnology	3(3-0)
BNB-808	Bio-Energy	3(3-0)
BNB-809	Advances in Plant Biotechnology	3(3-0)
BNB-810	Advances in Food Biotechnology	3(3-0)
BNB-811	Advances in Virology	3(3-0)
BNB-812	Advances in Immunology	3(3-0)
BNB-813	Molecular Toxicology	3(3-0)
BNB-814	Molecular Data Interpretation	3(3-0)

Note:

Candidates for Ph.D in biotechnology admission must have first class MS/M.Phil degree or equivalent in life sciences. All the students have to take a deficiency of two courses (cell and tissue culture technology and methods in industrial biotechnology) except those with MS/M.Phil in biotechnology, biochemistry or molecular biology.

Admission criteria and degree requirements are as per HEC rules.



Programs Offered

- BS Botany
- M.Sc. Botany
- M.Phil. Botany
- Ph.D. Botany

Chairperson: Dr. Muhammad Iqbal

Department of Botany

Contact: 041-9201488, 041-9200066-70, Ext: 241

Email: botany@gcuf.edu.pk

Vision

Exploration of natural world of plants and allied creature for unraveling vast untapped resources of nature for the benefit of human race and for the glorification of knowledge.

Mission

We are committed to ordain human capital with excellence in the changing scientific scenario through innovative but interactive learning and research.

Introduction

Being one of the oldest academic disciplines of this institution, the Department is privileged to have a strong faculty and academic program. At present, this Department is offering degree courses for BS (Hons), M. Sc, M. Phil and Ph. D programs.

The Department aims to provide quality education in the areas of research. A number of nationally and internationally funded research projects are also underway and the academia is focusing to broaden need-based research endeavors. Plant Molecular Biology, Plant Physiology, Plant Integrative Biology, Environmental Biology, Economic Botany and Microbial and Plant Biotechnology are the focal areas of research within the Department. Currently research work is being carried out in the field of plant molecular biology, fortification of cereal crops, medicinal plants and nutraceuticals, seed priming, enzymology, plant tissue

culture, stress physiology, biochemistry, improving crop acclimation to different agro-climatic zones and fungal and algal taxonomy. Research on genetic basis of stress tolerance in different crops is also under progress. The genomic resources are being utilized to enhance crop production by gene manipulation. Furthermore, research activities on seed metabolism, plant nutrition and plant growth regulators are in progress for different economically important crops and medicinal plants.

Besides active involvement in transferring knowledge to the students, the induction of high class academia is also upgrading the faculty profile of the department. The department of Botany is becoming the first choice of students for learning through out Pakistan and the number of students is increasing annually. Until now 03 Ph. D, 69 M. Phil, 401 M. Sc and 156 BS(Hons) students have completed their degrees. At present, 403 students are enrolled in BS (Hons), 170 in M. Sc, 40 in M. Phil and 22 in Ph. D programs.

Faculty

Dr. Muhammad Iqbal

PhD (UAF), Post-Doctoral (UCR, USA)

Associate Professor & Chairman

Specialization: Plant Ecophysiology, Stress Signalling and Chemical Genetics

Dr. Naeem Iqbal

PhD (UAF)

Post-Doctoral (USA)

Associate Professor

Specialization: Plant Physiology, Molecular Marker Analysis for Stress Tolerance

Dr. Syed Hammad Raza

PhD (UAF)

Post-Doctoral (UK)

Assistant Professor

Specialization: Plant Stress Physiology and Molecular Ecology/Environmental Biology

Dr. Muhammad Saeed

PhD (China)

Assistant Professor

Specialization: Crop Genetics & Breeding

Dr. Rizwan Rashid

PhD (UAF)

Assistant Professor

Specialization: Plant Physiology/Molecular Biology / Histology

Dr. Iqbal Hussain

PhD (UAF)

Assistant Professor

Specialization: Plant Physiology, Molecular Gene Expression Analysis

Dr. Saqib Mahmood

PhD (UAF)

Assistant Professor

Specialization: Stress Physiology, Metabolite Chemistry, Cell Partitioning analysis

Dr. Nudrat Aisha Akram

PhD (UAF)

Assistant Professor

Specialization: Plant Stress Physiology

Dr. Shagufta Parveen

PhD (UAF)

Assistant Professor

Specialization: Plant Stress Physiology

Dr. Muhammad Tariq Javed

PhD (SU, Sweden)

Assistant Professor

Specialization: Plant Stress Physiology, Plant Biochemistry, Fluorescence Microscopy

Dr. M. Zulqarnain Haider

PhD (France)

Assistant Professor

Specialization: Integrative Biology of Plants

Dr. Arslan Ashraf

PhD (UAF)

Assistant Professor

Specialization: Plant Stress Physiology

Dr. Qasim Ali

PhD (UAF)

Assistant Professor

Specialization: Plant Physiology, Plant Nutrition

Dr. Sadaf Gull

PhD (University of Karachi)

Assistant Professor

Specialization: Phycology

Dr. M. Azeem

PhD (France)

Assistant Professor

Specialization: Plant Molecular & Cell Biology

Dr. Huma Lubna Shaheen

PhD (UAF)

Assistant Professor

Specialization: Plant Physiology & Molecular Biology

Dr. Abida Parveen

PhD (UAF)

Assistant Professor

Specialization: Plant Stress Physiology

Dr. Sohail Akram

PhD (University of Punjab)

Assistant Professor

Specialization: Plant Transformation, Plant Molecular Biology

Dr. Sumera Anwer

PhD (UAF)

Assistant Professor

Specialization: Environmental Stresses and Plants

Dr. Tehreema Iftikhar

PhD (GCU Lahore)

Assistant Professor

Specialization: Biotechnology

Dr. Noman Habib

PhD (UAF)

Assistant Professor

Specialization: Stress Physiology

Dr. Abida Kauser

PhD (GCUF)

Assistant Professor

Specialization: Plant Physiology, Genetic Marker Analysis

Dr. Rohina Bashir

Ph.D (UAF)

Assistant Professor

Specialization: Plant Tissue Culture

Dr. Nusrat Parveen

Ph.D (UAF)

Assistant Professor

Specialization: Plant Physiology

Ms. Sara Zafar

M.Phil (GCUF)

Lecturer

Specialization: Plant Stress Physiology

Ms. Bazgha Zia

MPhil (UAF)

Lecturer

Specialization: Plant Tissue Culture

Mr. Ali Noman

M.Phil (UAF)

Lecturer

Specialization: Plant Anatomy

Ms. Beenish Afzal

M.Phil (GCUF)

Research Officer

Specialization: Plant Physiology



Scheme of Studies

BS Botany

Semester 1

BOT-301	Diversity of Plants	4(3-1)
ENG-321	English –I (Functional English) , (EAP) English for Academic Purpose	3(3-0)
PST-321	Pakistan Studies	2(2-0)
MTH-323	Mathematics (Math/Stat-I)	3(3-0)
ZOL-301	General-I (Zoology-I Principals in animal life-I)	3(2-1)
CHM-301	General-II (Physical Chemistry-I)	3(2-1)

Semester 2

BOT-302	Systematic, Anatomy and Development	4(3-1)
ENG-322	English –II (Reading, Writing, Speaking and Listening Skills)	3(3-0)
ISL-322	Islamic Studies	2(2-0)
ZOL-302	General-III (Zoology-I Principals in animal life-II)	3(2-1)
CHM-302	General-IV (Inorganic Chemistry-II)	3(2-1)
BNB-322	Optional (Bioinformatics)	3(2-1)

Semester 3

BOT-401	Cell Biology, Genetics and Evolution	4(3-1)
ENG-421	English –III (Communication Skills)	3(3-0)
CSI-421	Introduction to Computer	3(3-0)
ZOL-401	General-V(Zoology-III Animal diversity-1)	3(2-1)
CHM-401	General- VI (Organic Chemistry 1)	3(2-1)

Semester 4

BOT-402	Plant Physiology and Ecology	4(3-1)
BOT-404	Biodiversity and Conservation	4(3-1)
STA-354	Applied Statistics Theory	3(2-1)
ZOL-402	General-VII (Zoology-IV Animal diversity-2)	3(2-1)
CHM-402	General- VIII (Chemistry special topics)	3(2-1)

Semester 5

BOT -501	Bacteriology and Virology	3(2-1)
BOT -503	Phycology and Bryology	3(2-1)
BOT -505	Mycology and Plant Pathology	3(2-1)
BOT -507	Diversity of Vascular Plants	3(2-1)
BOT -509	Plant Systematics	3(2-1)
BOT -511	Anatomy of Vascular Plants	3(2-1)

Semester 6

BOT -502	Genetics-I	3(2-1)
BOT -504	Plant Biochemistry-I	3(2-1)

BOT -506	Plant Ecology-I	3(2-1)
BOT -508	Plant Physiology-I	3(2-1)
BOT -510	Molecular Biology	3(2-1)
POL-522	International Relations	3(3-0)

Semester 7

BOT -601	Plant Biochemistry-II	3(2-1)
BOT -603	Plant Ecology-II	3(2-1)
BOT -605	Plant Physiology-II	3(2-1)
BOT -607	Genetics-II	3(2-1)
ENG -601	EFE (English for Employment)	3(3-0)
BOT-609	Lab Techniques	2(1-1)

Semester 8

BOT -602	Environmental Biology	3(2-1)
BOT -604	Special Paper* (Phytohormones)	3(2-1)
BOT -606	Special Paper* (Plant Metabolism)	3(2-1)
BOT -608	Special Paper* (Plant Tissue Culture)	3(2-1)
BOT -610	Special Paper* (Plant Stress Physiology)	3(2-1)
BOT -612	Special Paper* (Nitrogen Assimilation & Metabolism)	3(3-1)
BOT -630	Thesis	6(0-6)

*The student offered research will opt for one special paper and completion of research thesis while the remaining students will opt for three special papers.



M.Sc Botany

Semester 1

BOT -551	Diversity in Non-Flowering Plants-I (Viruses, Bacteria & Algal Protoctist)	3(2-1)
BOT-553	Cell Biology	3(2-1)
BOT-555	Plant Biochemistry-I	3(2-1)
BOT-557	Plant Ecology-I	3(2-1)
BOT-559	Plant Physiology-I	3(2-1)
BOT-561	Molecular Genetics-I	3(2-1)

Semester 2

BOT-552	Plant Anatomy	3(2-1)
BOT-554	Systematic and Plant Taxonomy	4(3-1)
BOT-556	Lab Techniques	2(1-1)
BOT-560	Environmental Biology	4(3-1)
BOT-562	Biodiversity and Conservation	3(3-0)
STA-598	Applied Statistics Theory	3(2-1)

Semester 3

BOT-651	Diversity in Non-Flowering Plants-II	3(2-1)
BOT-653	Plant Ecology-II	3(2-1)
BOT-655	Plant Physiology-II	3(2-1)
BOT-657	Fungi and Plant Pathology	3(2-1)
BOT-659	Molecular Genetics-II	3(2-1)
BOT-661	Plant Biochemistry-II	3(2-1)

Semester 4

BOT-652	Plant Metabolism (Special Paper*)	3(3-1)
BOT-654	Phytohormones (Special Paper*)	3(3-1)
BOT-656	Plant Tissue Culture (Special Paper*)	3(3-1)
BOT-658	Plant Stress Physiology (Special Paper*)	3(3-1)
BOT-660	Nitrogen Assimilation & Metabolism (Special Paper*)	3(3-1)
BOT-680	Thesis	6(0-6)

*The student offered research will opt for two special papers with the completion of research thesis while the remaining students will opt for four special papers.

M.Phil Botany

Semester 1 & 2

BOT-701	Enzymology and Metabolism	3(2-1)
BOT-703	Advanced Plant Physiology	3(2-1)
BOT-705	Advanced Environmental Biology	3(2-1)
BOT-707	Signaling in Plants	3(2-1)
BOT-702	Plant Growth Regulators	3(2-1)
BOT-704	Enzyme Kinetics	3(2-1)
BOT-706	Molecular Ecology	3(2-1)
BOT-708	Gene Technology	3(2-1)
BOT-710	Research and Project Management	3(2-1)
BOT-712	Biological Engineering	3(2-1)
BOT-714	Metabolic Engineering in Plants	3(2-1)
BOT-716	Seed Technology	3(2-1)
BOT-718	Cell Cycle Regulation	3(2-1)
STA-799	Statistics for Research (Deficiency)	3(2-1)

Overall the students will opt for 24 teaching credit hours and a deficiency course in the 1st and 2nd semester. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.

Semester 3 & 4

BOT-730	Thesis	6(0-6)
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Ph.D Botany

Semester 1 & 2

BOT-801	Enzymology and Metabolism	3(2-1)
BOT-803	Advanced Plant Physiology	3(2-1)
BOT-805	Advanced Environmental Biology	3(2-1)
BOT-807	Signaling in Plants	3(2-1)
BOT-802	Plant Growth Regulators	3(2-1)
BOT-804	Enzyme Kinetics	3(2-1)
BOT-806	Molecular Ecology	3(2-1)
BOT-808	Gene Technology	3(2-1)
BOT-810	Research and Project Management	3(2-1)
BOT-812	Biological Engineering	3(2-1)
BOT-814	Metabolic Engineering in Plants	3(2-1)
BOT-816	Seed Technology	3(2-1)
BOT-818	Cell Cycle Regulation	3(2-1)
STA-799	Statistics for Research (Deficiency)	3(2-1)

Overall the students will opt for 18 teaching credit hours and a deficiency course in the 1st and 2nd semester. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.

Semester 3

	Comprehensive examination	
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Semester 4

BOT-830	Thesis	12(0-12)
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Department of Chemistry

Programs Offered

- BS Chemistry (Morning + Evening)
- M.Sc. Chemistry (Morning + Evening)
- M.Phil Inorganic/Analytical Chemistry,
Organic Chemistry,
Physical Chemistry
(Evening)
- Ph.D. Chemistry

Chairperson:

Prof. Dr. Iftikhar Hussain Bukhari

Contact: 041-9201032, 041-9200066-70, Ext: 261

Email: chemistry@gcuf.edu.pk

Vision

The vision of the Department is to promote quality research in the various branches of chemistry to ensure a viable and practical solution to all the problems in the respective areas.

Mission

The Chemistry Department is committed to the advancement of highest level of theoretical and practical knowledge of Chemistry. The department pledges to train Chemists capable of making significant contribution in the areas of chemical sciences, chemical industries, polymers, composites, natural products, medicine, pharmacy, and related fields.

Introduction

Chemistry is a science of development of human civilization. From European Industrial Revolution in 19th Century to the present day, the scenario of Biotechnology and Nanotechnology is related to chemical sciences. In the arena of scientific development chemists are the major stake holders. Be in Peace, war or mission to Mars, chemists are the main players in these endeavors. The recent developments in nuclear chemistry, missile technology, environmental sciences, polymer industry, textile industry and understanding of intricacies of genetic engineering and biological processes, biosensors, industrial growth and energy are all due to chemistry in one way or the other. It not only adds value to the raw materials but also provides new raw materials for high-tech industries like pharmaceuticals, textiles, agro-industry, medicines, biomechanics, space science and so on. Therefore it

alleviates human sufferings and proves to be an effective tool to fight against poverty.

The Department of Chemistry is one of the major departments of the GC University, Faisalabad. Presently around 1000 students are enrolled in the graduation, M.Phil and Ph.D programs. The Department has well defined areas of Physical Chemistry, Organic Chemistry, Inorganic Chemistry and Analytical Chemistry. The Department has a clear thinking that a nation of 180 million people needs world class expertise in chemical sciences which can meet the needs of common people. The schemes of study of the Department of Chemistry have been designed in this background. The major focus of the Department is to train the students in their respective specializations like Nano science, Polymer Sciences, Biosensors, Synthesis of Natural Products, Drugs Delivery and Bioassays. Pakistan is blessed with enormous reservoirs of coal and minerals. Expertise is available in the department to explore these latent reservoirs.

The Department has developed state-of-art research facilities and has recently inducted young, talented and very experienced academicians. The Department is now planned to move in the state of the art new campus of the University being established on Jhang Road Faisalabad in this year, 2014. This endeavor has shown the interest, and zeal and zest devotion of worthy Vice Chancellor, Prof. Dr. Zakir Hussain, who dreams and desires came true in the form well established buildings of old and new campus, attractive buildings of administration block and new digital library incorporating the newest ideas and features.

The Department in the new campus comprises of four teaching laboratories for performing experiments and eight big and ventilated lecture rooms with seating capacities of 80 students each. In order to cater to the research activities of students and staff, nine research laboratories in the specialized field of Bio-inorganic Chemistry, Materials Chemistry, Solution Chemistry, Polymer Chemistry, Medicinal Chemistry, Organic Synthesis, Natural Products Chemistry, Bio-analytical Chemistry, Computational Chemistry and are also being developed. Moreover, a big symposium room and an auditorium are also being used for the instruction and carrying out scholarly activities. The Faculty of the Department of Chemistry is striving hard to produce dynamic students with high vision, clear cut aims and market oriented objectives. All these activities are aimed to the training of these students as entrepreneurs for creating the jobs rather than looking for the jobs themselves.

Faculty

Prof. Dr. Iftikhar Hussain Bukhari

Post Doc (KSA), Ph.D (BZU), M.Sc (BZU)
Professor / Chairman
(HEC Approved Supervisor)
Specialization: Bio-Inorganic Chemistry, Medicinal Chemistry, Transition Metal Catalysis, Organometallic Chemistry

Dr. M. Kaleem Khan Khosa

Post Doc (UK), Ph.D (QAU), M.Phil (QAU), M.Sc (BZU)
Associate Professor
(HEC Approved Supervisor)
Specialization: Material Chemistry, Organo Transition Metal Chemistry

Dr. Muhammad Asghar Jamal

Ph.D (PU), M.Sc (PU)
Associate Professor
(HEC Approved Supervisor)
Specialization: Physical Chemistry, Solution Chemistry, Photochemistry

Dr. Khalid Mahmood Zia

Ph.D (UAF), Doctoral Research Fellow, IPPI, Iran
Associate Professor
(HEC Approved Supervisor)
Specialization: Physical Chemistry, Polymer Chemistry, Textile Chemistry, Bionanocomposites

Dr. Muhammad Zubair

Post Doc (Canada), Ph.D (HEJ), M.Sc (IUB)
Associate Professor
(HEC Approved Supervisor)
Specialization: Bio-Organic Chemistry, Medicinal Chemistry

Dr. Muhammad Yousaf

Post Doc (China) Ph.D (China), M.Phil (UAF), M.Sc (UAF)
Assistant Professor
(HEC Approved Supervisor)
Specialization: Organic Semiconductor Synthesis, Organometallic Chemistry

Dr. Ameer Fawad Zahoor

Ph.D (Germany), M.Sc (GCUL), B.Sc (Hons.) (GCUL)
Assistant Professor (TTS)
(HEC Approved Supervisor)
Specialization: Organic Synthesis (Multicomponent reactions, Peptide Modifications)

Dr. Nasir Rasool

Ph.D (Germany), M.Sc (BZU)
Assistant Professor (TTS)
(HEC Approved Supervisor)
Specialization: Synthesis of Natural Products, Medicinal Chemistry, Homogeneous Catalysis

Dr. Syed Ali Raza Naqvi

Ph.D (PU), M.Phil (PU)
Assistant Professor (TTS)
(HEC Approved Supervisor)
Specialization: Bio-Analytical Chemistry, Nuclear Medicine Chemistry

Dr. Zulfiqar Ali Khan

Ph.D (UK), M.Phil (QAU)
Assistant Professor (On Leave)
(HEC Approved Supervisor)
Specialization: Organic Synthesis

Dr. Tanveer Hussain Bokhari

Ph.D (GCUL), M.Phil (GCUL), M.Sc (PU)
Assistant Professor (TTS)
(HEC Approved Supervisor)
Specialization: Inorganic Chemistry, Radiochemistry

Dr. Matloob Ahmad

Ph.D (PU), M.Sc (PU)
Assistant Professor (TTS)
(HEC Approved Supervisor)
Specialization: Organic Chemistry, Synthetic Chemistry

Dr. Asim Mansha

Ph.D (Austria), M.Phil (QAU)
Assistant Professor (TTS)
(HEC Approved Supervisor)

Specialization: Physical Chemistry, Quantum Chemistry, Computational Chemistry

Dr. Muhammad Usman

Ph.D (QAU), M.Sc (BZU)

Assistant Professor (TTS)

(HEC Approved Supervisor)

Specialization: Physical Chemistry, Colloids, Solution Chemistry

Dr. Majid Munir

PhD (UAF), M.Sc. (UAF)

Assistant Professor (TTS)

(HEC Approved Supervisor)

Specialization: Physical Chemistry, Nuclear and Radiation Chemistry

Dr. Muhammad Saeed

Ph.D (Peshawar University), M.Phil (Peshawar University)

Assistant Professor (TTS)

(HEC Approved Supervisor)

Specialization: Physical Chemistry

Dr. Atta-ul-Haq

Ph.D (Peshawar University), M.Sc (Peshawar University)

Assistant Professor (TTS)

Specialization: Analytical Chemistry

Dr. Kiran Aftab

Ph.D (GCUF), M.Phil (UAF), M.Sc (UAF)

Assistant Professor

Specialization: Organic Chemistry

Dr. Ajaz Hussain

Ph.D (HEJ), M.Sc. (BZU)

Assistant Professor (On contract)

Specialization: Organic Chemistry

Dr. Fozia Anjum

PhD (UAF), M.Phil (UAF), M.Sc (UAF)

Assistant Professor (On contract)

(HEC Approved Supervisor)

Specialization: Analytical Chemistry

Dr. Muhammad Shafique

PhD (GCUL), M.Phil (GCUL), M.Sc (PU)

Assistant Professor (On contract)

Specialization: Organic Chemistry

Dr. Sadia Ilyas

Postdoc (Korea) PhD (UAF), M.Phil (BZU), M.Sc (BZU)

Assistant Professor (On contract)

Specialization: Inorganic Chemistry

Dr. Maleeha Manzoor

Ph.D (UAF), M.Phil (UAF)

Assistant Professor (On contract)

Specialization: Analytical Chemistry

Dr. Waqar Haider

Ph.D (France), M.Sc (PU)

Assistant Professor (On contract)

(HEC Approved Supervisor)

Specialization: Analytical Chemistry

Ms. Zumaira Siddique

M.Phil (UOS), M.Sc (UOS)

Lecturer

Specialization: Physical Chemistry

Mr. Shahid Adeel

M.Phil (UAF), M.Sc (UAF)

Lecturer

Specialization: Physical Chemistry

Ms. Ayesha Malik

M.Phil (UAF), M.Sc (GCUF)

Lecturer

Specialization: Organic Chemistry

Ms. Javeria Rehman

M.Phil (GCUL), BS (H) (GCUL)

Lecturer

Specialization: Analytical Chemistry

Ms. Kulsoom G. Ali

Ph.D Scholar (GCUF), M.Phil (GCUF), M.Sc (PU)

Lecturer (On Study Leave)

Specialization: Organic Chemistry

Ms. Shazia Naheed

Ph.D Scholar (GCUF), M.Phil (GCUF), M.Sc (UAF)

Lecturer (On Study Leave)

Specialization: Organic Chemistry

Ms. Bushra Parveen

Ph.D Scholar (GCUF), M.Phil (GCUF), M.Sc (UAF)

Lecturer (On Study Leave)

Specialization: Organic Chemistry

Ms. Hafiza Sumaira

M.Phil, (GCUF), M.Sc (GCUF)

Lecturer (Visiting)

Specialization: Inorganic Chemistry



Scheme of Studies

BS Chemistry

Semester 1

CHM-301	Physical Chemistry – I	4(3 - 1)
ENG-321	EAP (English for Academic Purposes)	3(3 – 0)
PST-322	Pakistan Studies	2(2 – 0)
MTH-325	Mathematics - I	4(4 – 0)
PHY-323	Applied Physics - I	4(3 – 1)
ZOL-301	Zoology - I	4(3 – 1)
BOT-301	Diversity of Plants	4(3 – 1)

Optional (Any two subjects): Math & Physics or Botany & Zoology

Semester 2

CHM-302	Inorganic Chemistry - I	4(3-1)
ENG-322	Reading, Writing, Speaking and Listening Skills	3(3-0)
ISL-322	Islamic Studies	2(2-0)
MTH-324	Mathematics – II	4(4-0)
PHY-324	Applied Physics - II	4(3-1)
ZOL-302	Zoology - II	4(3-1)
BOT-302	Systematic anatomy and development	4(3-1)

Optional (Any two subjects): Math & Physics or Botany & Zoology

Semester 3

CHM-401	Organic Chemistry - I	4(3 - 1)
ENG-421	Communications Skills	3(3 – 0)
CSI-401	Computer Applications & Web-I	3(3 – 0)
MTH-423	Mathematics – III	4(4 – 0)
PHY-423	Applied Physics – III	4 (3 – 1)
ZOL-401	Zoology – III	4(3 – 1)
BOT-401	Cell Biology, Genetics and Evolution	4(3 – 1)

Optional (Any two subjects): Math & Physics or Botany & Zoology

Semester 4

CHM-402	Chemistry (Special Topics)	4(3 – 1)
ENG-422	Technical Writing	3(3 – 0)
CSI-422	Computer Applications & Web– II	3(3– 0)
MTH-426	Mathematics – IV	4(4 – 0)
PHY-424	Applied Physics – IV	4(3 – 1)
ZOL-402	Zoology - IV	4(3 – 1)
BOT-402	Plant Physiology and Ecology	4(3 – 1)

Optional (Any two subjects): Math & Physics or Botany & Zoology

Semester 5

CHM-501	Inorganic Chemistry - II	4(3 – 1)
CHM-503	Organic Chemistry – II	4(3 – 1)
CHM-505	Physical Chemistry - II	4(3 – 1)
CHM-507	Analytical Chemistry – I OR	3(3 – 0)
CHM-509	Biochemistry – I	3(3 – 0)
MTH-525	Mathematics for Chemists	2(2 – 0)

Semester 6

CHM-502	Inorganic Chemistry – III	4(3 – 1)
CHM-504	Organic Chemistry - III	4(3 – 1)
CHM-506	Physical Chemistry - III	4(3 – 1)
CHM-508	Analytical Chemistry – II OR	3(3 – 0)
CHM-510	Biochemistry – II	3(3 – 0)
CHM-512	Introductory Spectroscopy	2(2 – 0)

Semester 7

Specialization in Analytical Chemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-601	Electroanalytical Techniques	3(3 – 0)
CHM-603	Polarography and Chromatography	3(3 – 0)
CHM-605	Spectroscopic Techniques	3(3 – 0)
CHM-607	Analytical Chemistry Practicals	2(0 – 2)

Specialization in Biochemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-609	Biological Metabolism	3(3 – 0)
CHM-611	Human Physiology	3(3 – 0)
CHM-613	Biochemistry of Nucleic Acids	3(3 – 0)
CHM-615	Biochemistry Practicals	2(0 – 2)

Specialization in Inorganic Chemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-617	Main Group Organometallic and Organic Reagents	3(3 – 0)
CHM-619	Spectroscopic Methods of Analysis	3(3 – 0)
CHM-621	Metal Cluster Compounds	3(3 – 0)
CHM-623	Inorganic Chemistry Practicals	2(0 – 2)

Specialization in Organic Chemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-625	Spectroscopic Organic Techniques	3(3 – 0)
CHM-627	Rearrangements and Pericyclic Reactions	3(3 – 0)
CHM-633	Pharmaceutical Chemistry	3(3 – 0)
CHM-635	Organic Chemistry Practicals	2(0 – 2)

Specialization in Physical Chemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-637	Kinetics of Complex Reactions	3(3 – 0)

CHM-639	Thermodynamics and Spectroscopy	3(3 – 0)
CHM-641	Material Chemistry	3(3 – 0)
CHM-643	Physical Chemistry Practicals	2(0 – 2)

Semester 8

CHM-630	Thesis*	6(6 – 0)
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*Note: For research students (Thesis will opt only two courses & other students will study four courses along with two compulsory courses i.e. STA-351 (Introduction to Statistical Theory) and CHM-629 (Seminar).

Specialization in Biochemistry

CHM-629	Seminar	1(1 – 0)
STA-351	Introduction to Statistical Theory	3(3 – 0)
CHM-626	Molecular Biochemistry	3(3 – 0)
CHM-628	Clinical Diagnosis	3(3 – 0)
CHM-634	Biochemistry of Vitamins and Minerals	3(3 – 0)
CHM-636	Medical Biochemistry	3(3 – 0)

Specialization in Inorganic Chemistry

CHM-629	Seminar	1(1 – 0)
STA-351	Introduction to Statistical Theory	3(3 – 0)
CHM-618	X-ray Spectroscopy	3(3 – 0)
CHM-620	Homogeneous Catalysis	3(3 – 0)
CHM-622	Radio Nuclear Chemistry	3(3 – 0)
CHM-624	Magneto Chemistry	3(3 – 0)

Specialization in Organic Chemistry

CHM-629	Seminar	1(1 – 0)
STA-351	Introduction to Statistical Theory	3(3 – 0)
CHM-610	Organic Polymers	3(3 – 0)
CHM-612	Reactive Intermediates and Photochemistry	3(3 – 0)
CHM-614	Disconnection Approach	3(3 – 0)
CHM-616	Organic Catalyst and Protective Group	3(3 – 0)

Specialization in Physical Chemistry

CHM-629	Seminar	1(1 – 0)
STA-351	Introduction to Statistical Theory	3(3 – 0)
CHM-638	Applications of Symmetry and Group Theory	3(3 – 0)
CHM-640	Quantum Mechanics	3(3 – 0)
CHM-642	Nuclear and Radiation Chemistry	3(3 – 0)
CHM-644	Electrochemical Aspects of Solutions	3(3 – 0)

M.Sc. Chemistry

Semester 1

CHM-551	Physical Chemistry – I	4(3 – 1)
CHM-553	Organic Chemistry – I	4(3 – 1)
CHM-555	Inorganic Chemistry – I	4(3 – 1)
MTH-571	Mathematics for Chemists	2(2 – 0)
CHM-557	Environmental Chemistry	3(3 – 0)
CHM-559	Analytical Chemistry - I OR	3(3 – 0)
CHM-561	Biochemistry - I	3(3 – 0)

Semester 2

CHM-552	Physical Chemistry – II	4(3 – 1)
CHM-554	Organic Chemistry – II	4(3 – 1)
CHM-556	Inorganic Chemistry – II	4(3 – 1)
CHM-558	Analytical Chemistry – II OR	3(3 – 0)
CHM-560	Biochemistry – II	3(3 – 0)
CHM-562	Introductory Spectroscopy	2(2 – 0)

Semester 3

The students have to adopt one specialization set from the followings

Specialization in Organic Chemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-651	Spectroscopic Organic Techniques	3(3 – 0)
CHM-653	Rearrangements and Pericyclic Reactions	3(3 – 0)
CHM-655	Pharmaceutical Chemistry	3(3 – 0)
CHM-657	Organic Chemistry Practicals	2(0 – 2)

Specialization in Analytical Chemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-659	Electro Analytical Techniques	3(3 – 0)
CHM-661	Polarography and Chromatography	3(3 – 0)
CHM-663	Spectroscopic Techniques	3(3 – 0)
CHM-665	Analytical Chemistry Practicals	2(0 – 2)

Specialization in Inorganic Chemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-687	Main Group Organometallic and Organic Reagents	3(3 – 0)
CHM-689	Spectroscopic Methods of Analysis	3(3 – 0)
CHM-691	Metal Cluster Compounds	3(3 – 0)
CHM-693	Inorganic Chemistry Practicals	2(0 – 2)

Specialization in Physical Chemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-675	Kinetics of Complex Reactions	3(3 – 0)
CHM-677	Thermodynamics and Spectroscopy	3(3 – 0)

CHM-683	Material Chemistry	3(3 – 0)
CHM-685	Physical Chemistry Practicals	2(0 – 2)

Specialization in Biochemistry

ENG-601	English for Employment (EFE)	3(3 – 0)
CHM-609	Biological Metabolism	3(3 – 0)
CHM-611	Human Physiology	3(3 – 0)
CHM-613	Biochemistry of Nucleic Acids	3(3 – 0)
CHM-615	Biochemistry Practicals	2(0 – 2)

Semester 4

CHM-680	Thesis	6(6 – 0)
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Specialization in Analytical Chemistry

CHM-679	Seminar	1(1 – 0)
STA-595	Introduction to Statistical Theory	3(3 – 0)
CHM-652	Thermal Methods of Analysis	3(3 – 0)
CHM-654	Electrophoresis	3(3 – 0)
CHM-656	Atomic Spectroscopy	3(3 – 0)
CHM-658	Instrumental Techniques	3(3 – 0)

Specialization in Organic Chemistry

CHM-679	Seminar	1(1 – 0)
STA-595	Introduction to Statistical Theory	3(3 – 0)
CHM-660	Organic Polymers	3(3 – 0)
CHM-662	Reactive Intermediates and Photochemistry	3(3 – 0)
CHM-664	Disconnection Approach	3(3 – 0)
CHM-666	Organic Catalyst and Protective Group	3(3 – 0)

Specialization in Inorganic Chemistry

CHM-679	Seminar	1(1 – 0)
STA-595	Introduction to Statistical Theory	3(3 – 0)
CHM-676	X-ray Spectroscopy	3(3 – 0)
CHM-678	Homogeneous Catalysis	3(3 – 0)
CHM-684	Radio Nuclear Chemistry	3(3 – 0)
CHM-686	Magneto Chemistry	3(3 – 0)

Specialization in Biochemistry

CHM-679	Seminar	1(1 – 0)
STA-595	Introduction to Statistical Theory	3(3 – 0)
CHM-668	Molecular Biochemistry	3(3 – 0)
CHM-670	Clinical Diagnosis	3(3 – 0)
CHM-672	Biochemistry of Vitamins and Minerals	3(3 – 0)
CHM-674	Medical Biochemistry	3(3 – 0)

Specialization in Physical Chemistry

CHM-679	Seminar	1(1 – 0)
STA-595	Introduction to Statistical Theory	3(3 – 0)
CHM-688	Applications of Symmetry and Group Theory	3(3 – 0)
CHM-690	Quantum Mechanics	3(3 – 0)

CHM-692	Nuclear and Radiation Chemistry	3(3 – 0)
CHM-694	Electrochemical Aspects of Solutions	3(3 – 0)

Note: For research students (Thesis will opt only two courses & other students will study four courses along with two compulsory courses i.e. STA-595 (Introduction to Statistical Theory) and CHM-679 (Seminar).

M.Phil. Chemistry

Semester 1 & 2

Inorganic Chemistry

CHM-701	Solid State Chemistry	3(3 – 0)
CHM-702	Photochemical Reactions of Transition Metals	3(3 – 0)
CHM-703	Applied Transition Metal Catalytic Chemistry	3(3 – 0)
CHM-704	Chemistry of Organometallic Compounds	3(3 – 0)
CHM-705	Inorganic Electronic Spectroscopy	3(3 – 0)
CHM-706	Kinetics and Mechanism of Inorganic Reactions	3(3 – 0)
CHM-707	Bio-Inorganic Chemistry	3(3 – 0)
CHM-708	Nano Chemistry	3(3 – 0)
CHM-709	Applied Spectroscopy	3(3 – 0)
CHM-710	Extractive Metallurgy	3(3 – 0)

Analytical Chemistry

CHM-731	Laser Spectroscopy	3(3 – 0)
CHM-732	Environmental Analysis	3(3 – 0)
CHM-733	Nuclear Medicines	3(3 – 0)
CHM-734	Techniques for Surface Analysis	3(3 – 0)
CHM-735	Polymer Characterization by Hyphenated Techniques	3(3 – 0)
CHM-736	Use of Excel in Analytical Chemistry	3(3 – 0)
CHM-737	Luminescence Spectroscopy (Fluorescence and Phosphorescence)	3(3 – 0)
CHM-738	Chromatographic Techniques	3(3 – 0)
CHM-739	Research Methodology	3(3 – 0)

Organic Chemistry

CHM-751	Modern Trends in Organic Synthesis	3(3 – 0)
CHM-752	Advanced Stereochemistry	3(3 – 0)
CHM-753	Physico-organic Chemistry and Reaction Mechanism	3(3 – 0)
CHM-754	Advanced Heterocyclic Chemistry	3(3 – 0)
CHM-755	Chemistry of Glycosides	3(3 – 0)
CHM-756	Biosynthesis of Natural Products	3(3 – 0)
CHM-757	Advanced Nuclear Magnetic Resonance	3(3 – 0)
CHM-758	Green Synthesis	3(3 – 0)

CHM-759	Symmetry Controlled Reactions	3(3 – 0)
CHM-760	Classics in Total Synthesis	3(3 – 0)
CHM-761	Role of Protective Groups in Organic Synthesis	3(3 – 0)

Physical Chemistry

CHM-781	Physical Chemistry of High Polymers	3(3 – 0)
CHM-782	Complex Extension of Quantum Chemistry	3(3 – 0)
CHM-783	Electrode Processes	3(3 – 0)
CHM-784	Magnetic Spin Dynamics	3(3 – 0)
CHM-785	Molecular Spectroscopy	3(3 – 0)
CHM-786	Photochemistry	3(3 – 0)
CHM-787	Solution Chemistry	3(3 – 0)
CHM-788	Colloids and Surfactants	3(3 – 0)
CHM-789	Theoretical and Computational Chemistry	3(3 – 0)
CHM-790	Physical Chemistry of Biomolecules	3(3 – 0)
CHM-791	Heterogeneous Catalysis	3(3 – 0)
CHM-792	Modern Aspects of Chemical Kinetics	3(3 – 0)
CHM-793	Environmental Chemistry and Energy Conversions	3(3 – 0)

Semester 3 & 4

CHM-729	Seminar (General)	1(1 – 0)
CHM-729	Seminar (Research)	1(1 – 0)
CHM-730	Thesis	6(6 – 0)

Note: In the specialized branch, four courses will be offered by department in each semester (I and II)

Ph.D. Chemistry

Semester 1 & 2

Inorganic Chemistry

CHM-801	Medicinal Inorganic Chemistry	3(3 – 0)
CHM-802	Advanced Thermal Analysis	3(3 – 0)
CHM-803	Metal Complexes in Cancer Chemotherapy	3(3 – 0)
CHM-804	Inorganic Cage Compounds	3(3 – 0)
CHM-805	Extractive Metallurgy for Platinum Group Metals	3(3 – 0)
CHM-806	Modern Integrated Approach for Resources Recycling	3(3 – 0)

Analytical Chemistry

CHM-821	Modern Raman Spectroscopy	3(3 – 0)
CHM-822	Electron Spin Resonance	3(3 – 0)
CHM-823	Chemical Analysis of Biological Materials	3(3 – 0)
CHM-824	Environmental Analysis	3(3 – 0)
CHM-825	Hyphenated Techniques in Chromatography	3(3 – 0)
CHM-826	Advanced Emission Spectroscopy	3(3 – 0)

Organic Chemistry

CHM-811	Advanced Molecular Rearrangements	3(3 – 0)
CHM-812	Chemistry of Nitrogenous Compounds	3(3 – 0)
CHM-813	Advanced Mass Spectrometry	3(3 – 0)
CHM-814	Supramolecular Chemistry	3(3 – 0)
CHM-815	Chemistry of Drugs	3(3 – 0)
CHM-816	Chelated Enolates in Organic Synthesis	3(3 – 0)
CHM-817	Cross Coupling Reactions	3(3 – 0)
CHM-818	Multi-component Reactions	3(3 – 0)

Physical Chemistry

CHM-831	Surface Chemistry	3(3 – 0)
CHM-832	Solid State and Semiconductors	3(3 – 0)
CHM-833	Thermodynamics and Statistical Mechanics	3(3 – 0)
CHM-834	Environmental Applications of High Energy Radiations	3(3 – 0)
CHM-835	Instrumental Physical Chemistry	3(3 – 0)
CHM-836	Electron and proton transfer reaction energetics	3(3 – 0)
CHM-837	Magnetic Spin Dynamics	3(3 – 0)
CHM-838	Advanced Composite Materials	3(3 – 0)

Semester 3 & 4

CHM-829	Seminar (General)	1(1-0)
CHM-829	Seminar (Research)	1(1-0)
CHM-830	Thesis	

Note: In the specialized branch, three courses will be offered by department in each semester (I and II)





Programs Offered
- BS Computer Science
- MS Computer Science
- PhD Computer Science

Chairperson:
Dr. Muhammad Ramzan Talib

Department of Computer Science

Contact: 041-9200066-70, Ext: 163

Email: cs@gcuf.edu.pk

Mission

The mission of the College of Compute Science & Information Studies is to provide exemplary education and training to our students in all the fields of computing so that they productively contribute to academia and industry.

Objective

The Objective of the College of Computer Science & Information Studies is to ensure that the students take maximum advantage of the modern computer sciences to solve a wide range of complex scientific, technological and social problems.

Introduction

The College of Compute Science & Information Studies is one of the most prominent and oldest centers of computer education in Faisalabad city and was established as a separate department by offering ICS programme in 1999. The progress journey of the department continued, and it offered BS (CS) programme in 2001 and MCS programme in 2004 and MS (CS) programme in 2009. In 2014, College of Compute Science & Information Studies is offering MS (SE), MS (IT) and Ph. D (CS) with the specialization of Computer Science, Software Engineering and Information Technology.

The College provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The College of Computer Science & Information Studies provides a comprehensive range of facilities necessary for modern

computer use and a library or programs and packages for solving scientific, engineering, commercial and social problems.

Faculty

Dr. Muhammad Ramzan Talib
Associate Professor

Mr. M. Umer Sarwar
Assistant Professor

Mr. Sami Ullah
Assistant Professor

Ms. Saman Iftikha
Assistant Professor

Ms. Uzma Jamil
Lecturer

Mr. Muhammad Younas

Lecturer

Mr. M. Irfan Khan

Lecturer

Ms. Asma Sajid

Lecturer

Mr. Nafees Ayub

Lecturer

Mr. Sheikh Muhammad Amir

Lecturer

Ms. Shafia

Lecturer

Mr. M. Adeel Zahid

Lecturer

Mr. Rao Sohail Iqbal Asif

Lecturer

Mr. Ghulam Ali

Lecturer

Mr. Khurram Shahzad

Lecturer



Scheme of Studies

BS Computer Science

Semester 1

CSI-301	Programming Fundamentals	4(3-1)
CSI-311	Introduction to Information and Communication Technologies	4(3-1)
ENG-321	English for Academic Purpose(EAP)	3(3-0)
EET-321	Basic Electronics	3(3-0)
MTH-321	Calculus and Analytical Geometry	3(3-0)
ISL-321	Islamic Studies	3(3-0)

Semester 2

CSI-302	Object Oriented Programming	4(3-1)
CSI-304	Discrete Structures	3(3-0)
ENG-322	Reading, Writing, Speaking and Listening	3(3-0)
PST-322	Pakistan Studies	3(3-0)
MTH-322	Linear Algebra	3(3-0)

Semester 3

CSI-401	Data Structure and Algorithms	3(2-1)
CSI-403	Digital Logic and Design	3(2-1)
CSI-405	Introduction to Database Systems	4(3-1)
ENG-421	Communication Skills	3(3-0)
CSI-407	Numerical Computing	3(3-0)
STA-351	Introduction to Statistical Theory	3(3-0)

Semester 4

CSI-402	Operating Systems	3(2-1)
CSI-404	Computer Architecture	3(2-1)
CSE-402	Software Engineering-I	3(3-0)
CSI-406	Computer Communications and Networks	3(2-1)
BBA-406	Fundamental of Marketing	3(3-0)
MTH-421	Multivariable Calculus	3(3-0)

Semester 5

CSI-501	Web Engineering	3(2-1)
CSI-503	Theory of Automata and Formal Languages	3(3-0)
MTH-521	Differential Equations	3(3-0)
CSI-505	Computer Organization and Assembly Language	3(2-1)
BBA-501	Financial Management	3(3-0)
SOC-521	Sociology	3(3-0)

Semester 6

CSE-502	Software Engineering - II	3(3-0)
CSI-502	Distributed Database Systems	3(2-1)

CSI-504	Computer Graphics	3(2-1)
CSI-506	Design and Analysis of Algorithms	3(3-0)
CSI-508	Visual Programming	3(2-1)
BBA-506	Human Resource Management	3(3-0)

Semester 7

CSI-601	Human Computer Interaction	3(3-0)
CSI-603	System Programming	3(2-1)
CSI-605	Compiler Construction	3(2-1)
CSI-607	Artificial Intelligence	3(2-1)
CSI-611	Mobile and Wireless Networks	3(3-0)

Semester 8

CSI-640	Final year Project	6(0-6)
CSI-602	Professional Practices	3(3-0)
PSY-421	Psychology	3(3-0)

MS Computer Science

Semester 1

CSI-701	Advanced Theory of Computation	3(3-0)
CSI-702	Advanced Algorithm Analysis	3(3-0)
CSI-703	Advanced Operating Systems	3(3-0)

Semester 2

CSI-711	Advanced Computer Architecture	3(3-0)
CSI-712	Elective I	3(3-0)
CSI-713	Elective II	3(3-0)

Semester 3

CSI-721	Research Methods and Data Analysis	3(3-0)
CSI-722	Elective III	3(3-0)
CSI-723	Elective IV	3(3-0)

Semester 4

CSI-730	Thesis	6(0-6)
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PhD Computer Science

Requirements

For admission into the PhD minimum CGPA 3.0 (out of 4.0 in Semester System) or First division (in the Annual system) in M. Phil/M.S degree is required in CS.

1- Subject Test

The candidate must have passed with 60% score of departmental subject test as the GRE subject test of NTS has been abolished in pursuance of the decision of the Lahore High Court on the analogy of other public sector universities of Punjab.

2- Course Work

Minimum Course Work of 18 credit hours preferably in the first year is required to be complete and 30 credit hours research work (Thesis):

3- Foreign Expert Evaluation:

The PhD Dissertation must be evaluated by at least two PhD experts from technologically /academically advanced foreign countries in addition to local Committee members.

4- Open Defense:

An open defense of Dissertation is essential part of PhD program after positive evaluation.

5- Research Paper

Acceptance/publication of at least one research paper based on the PhD research in an HEC approved "X" category journal is a requirement for the award of Ph.D degree("Y" in case of Social Sciences only)

6- Plagiarism Test

The Plagiarism Test must be conducted on the Dissertation before its submission to the two foreign experts.

7- Copy of PhD Dissertation to HEC

A copy of PhD Dissertation (both hard and soft) must be submitted to HEC for record in PhD country Directory and for attestation of the PhD degree by the HEC in future.

8- Conduct of PhD Program

There should be at least 3 relevant full time PhD Faculty members in a department to launch the PhD program.

The maximum number of PhD students under the supervision of a full time faculty member is five which may be increased to eight under special circumstances in certain teaching departments subject to prior approval of the Higher Education Commission (HEC)

9- University Based Tests

To identify a GAT Subject test that the PhD applicant must take. In case this is really not possible. It is the responsibility of the respective universities to arrange for the Subject test at par with the GRE-Subject Test in all other subjects currently not available in the ETS and the NTS List. A University

Committee consisting of at least 3 PhD faculty members in the subject area with prior approval of the HEC will conduct the Test at par with GRE subject test.

Minimum Qualifying Score: 70% Cumulative Score

PhD Courses in IT, CS and SE

CIT-811	Research Trends in Information Technology	3
CSI-812	Research Trends in Computer Science	3
CSE-813	Research Trends in Software Engineering	3
CIT-822	Advance Research Methods in Information Technology, Computer Science & Software Engineering	3
CSI/CIT/ CSE 883	Thesis	30

Choose one relevant from CIT-811, CSI-812, CSE-813

Elective Courses

CIT-831	Advanced Topics in Computer Networks	3
CIT-832	Advanced Topics in Distributed Computing	3
CIT-841	Special Topics in Intelligent Systems	3
CIT-842	Special Topics in Web Services	3
CIT-843	Research Trends in Web Services	3
CIT-844	Research Trends in Data Grid	3
CIT-851	Advanced Topics in Software Engineering	3
CIT-852	Advanced Topics in Computer Science	3
CIT-853	Advanced Data Analysis	3
CIT-854	Advanced Topics in Information Technology	3
CSI-864	Special Topics in Modeling and Simulation	3

Note: More Courses can be added as and when required based on availability of faculty.





Programs Offered

- BS Food Science & Technology
- BS Human Nutrition & Dietetics
- MS/Ph.D Food Science & Technology
- MS/PhD Human Nutrition & Dietetics
- MS Food Safety & Quality Management
- Certificate Courses
 - 1- Home Baking
 - 2- Nutrition and Diet Therapy
 - 3- Fruits and Vegetables Processing
 - 4- Food Safety & Hygiene

Incharge:

Prof. Dr. Faqir Muhammad Anjum
(Taghma-i-Imtiaz)

Department of Food Science, Nutrition & Home Economics

Contact: 041-9201315, 041-9200066-70, Ext: 166

Vision (Food Science)

To be a world class institution capable in teaching , research and outreach amenities in pre-post-harvest handling and value addition of agricultural produce, food bioprocessing and technology, food nutrition and dietetics, food safety and quality in order to realize sustainable and secure livelihoods.

Mission (Food Science)

To pursue, excel and maintain an outstanding leadership role in the quest for knowledge by way of quality research, capacity building, and inventive outreach in order to contribute to food productivity and safety.

Objectives (Food Science)

1. To produce competent Food Scientists/Technologists with adequate scientific background to meet the needs of public and private sector, organization/industries
2. To develop a cost effective appropriate technologies, helpful to boost up value addition in agriculture sector.
3. To carry out problem oriented research for food industry.
4. To develop novel technologies for containment of postharvest losses.
5. To meet the training needs of public and private sector.
6. To develop and in part training on current issues in food sector.

Introduction (Food Science)

The Department of Food Science at Government College University Faisalabad was established in 2011 and is one of the best food science departments in the country. The outstanding faculty, state-of-the-art building and laboratory facilities, and friendly and dedicated staff members make the Food Science Department a pleasant place to study and conduct research. Our undergraduate Food Science Major offers students hands-on science dealing with real-world applications; small, friendly atmosphere; world-class internship experiences in collaboration with international institutions like:

- University Sains, Malaysia
- Research institute of Food Science and Technology, Mashhad, Iran
- Laboratoire d'Ingénierie des Biomolécules (LIBio), Université de Lorraine, France

- Department of Food Bioprocessing and Nutrition Sciences, North Carolina State University, USA
- Faisalabad Confectionary Association, Pakistan
- Punjab Food Authority, Lahore
- Engro Foods Limited, Karachi
- Halal Research Council, Pakistan

Our graduate program offers graduate study leading to Masters of Science and Doctor of Philosophy degrees. Graduate students receive in-depth training in the core disciplines of food chemistry, food microbiology, food engineering and processing, food safety, food service management and human nutrition.

Research Groups

Research is encouraged and facilitated through the core disciplines as well as following collaborative multidisciplinary research groups which focus on research efforts of our faculty members:

- Food processing technologies
- Food microbiology and biotechnology
- Food safety and quality
- Food service management
- Functional foods and nutraceuticals
- Community nutrition
- Dietetics

Research groups within the department focus on: ingredients as materials; food safety; cocoa, chocolate, and confectionery products; plant and mushroom products; dairy foods manufacturing; and family and community food systems. Research and extension faculty work closely with members of the agricultural community and encourage their graduate students and other visiting scholars to participate in this important activity. The relatively small-college atmosphere within the department enables faculty, staff, and students to have close contact in an intellectually stimulating and professional environment. I invite you to come, meet our faculty, staff and students, and see why we are one of the premier food science departments in the country.

Faculty (Food Science)

Dr. Faqir Muhammad Anjum (Taghma-i-Imtiaz)
Professor (Incharge Deptt.)
Specialization: Food Science & Nutrition

Dr. Muhammad Umair Arshad
Associate Professor
Specialization: Functional Foods & Nutraceuticals
Utilization of Bioactive components of agro-industrial waste

Dr. Rabia Shabir Ahmad
Assistant Professor
Specialization: Functional Foods, Human Nutrition, HACCP & Food Analysis

Dr. Muhammad Tahir Nadeem
Assistant Professor
Specialization: Food Biotechnology, Nutrition, Cereal Sciences, Fruits and Vegetables Processing

Dr. Farhan Saeed
Assistant Professor
Specialization: Cereal Science: Wheat quality and characterization, Starch chemistry, Functional foods, Food analysis

Dr. Zarina Mushtaq
Assistant Professor
Specialization: Food Microbiology, Dietetic Food, Food borne illness & its prevention

Dr. Muhammad Kamran Khan
Assistant Professor
Post-doctorate (France)
Specialization: Food Chemistry and Analysis, Application of ultrasound in food processing, Effect of industrial processes on potential bioactive components

Dr. Nazir Ahmad
Assistant Professor
Specialization: Health Biotechnology, Nutrition & Food Metabolism

Dr. Muhammad Imran
Assistant Professor
Specialization: Thermal Food processing & Extrusion technology

Dr. Azmat Ullah Khan
Assistant Professor
Specialization: Food Microbiology, Food Safety

Dr. Ali Imran
Assistant professor
Specialization: Dietary cure for metabolic syndromes, Human Nutrition, Functional Foods & Nutraceuticals

Ms. Adeela Yasmin
Assistant Professor
Specialization: Dairy Technology & Nutrition

Dr. Muhammad Sajid Arshad
Assistant professor
Specialization: Meat Science and Nutrition, Functional Meat Production, Halal Foods

Ms. Bushra Niaz
Lecturer
Specialization: Food Microbiology & Biotechnology

Mr. Muhammad Afzaal
Lecturer
Specialization: Food Microbiology & Biotechnology

Ms. Hafiza Saima Tahir
Lecturer
Specialization: Dairy Technology

Scheme of Studies

BS Food Science & Technology

Semester 1

Mth-301	Mathematics-I or	3(3-0)
BHS-316	Biology-I	3(2-1)
STA-351	Statistics	3(3-0)
CS-101	Introduction to Information & Communication Technologies	3(2-1)
PST-322	Pakistan Studies	2(2-0)
ENG-321	EAP (English for Academic Purposes)	3(3-0)
CHM-306	Essentials of Biochemistry	3(3-0)
FST-301	Introduction to Food Science & Technology	3(2-1)

Semester 2

MTH-302	Mathematics-II or	3(3-0)
Bio	Biology-II	3(2-1)
Stat	Applied Statistics	3(2-1)
ISL-446	Islamic Studies or Ethics (For Non-Muslim Students)	2(2-0)

ENG-322	Reading, Writing, Speaking and Listening Skills	3(3-0)
FST-302	Food Production	3(2-1)
FST-304	Food Processing & Preservation	3(2-1)
FST-306	Principles of Human Nutrition	3(3-0)

Semester 3

PHY	Physics	3(2-1)
FST-403	Food Quality Management	2(2-0)
FST-405	Food Safety	3(3-0)
FST-407	Instrumental Techniques in Food Analysis	3(1-2)
FST-409	Food Chemistry	3(3-0)
MIC-301	General Microbiology	3(2-1)

Semester 4

FST-402	Food Business Management	3(2-1)
FST-404	Dairy Technology	3(2-1)
FST-406	Unit Operation in Food Processing	3(2-1)
PHY-	Fluid Mechanics	3(2-1)
FST-408	Fruits and Vegetables Processing	3(2-1)
FST-410	Food Process Engineering	3(2-1)

Semester 5

FST-501	Cereal Technology	3(2-1)
FST-503	Sugar Technology	3(2-1)
FST-505	Technology of Fats and Oils	3(2-1)
FST-507	Food Microbiology	3(2-1)
FST-509	Beverage Technology	3(2-1)
FST-511	Meat Technology	3(2-1)

Semester 6

FST-502	Community Nutrition	3(2-1)
FST-504	Food Plant Layout and Sanitation	2(2-0)
FST-506	Confectionery and Snack Foods	3(2-1)
FST-508	Bakery Products Technology	3(2-1)
FST-510	Postharvest Technology	3(2-1)
FST-514	Food Product Development	3(2-1)
FST-516	Research Projects and Scientific Writing	2(1-1)

Semester 7

FST-601	Extrusion Technology	3(2-1)
FST-603	Fundamentals of Halal Foods	3(3-0)
FST-605	Food Laws & Regulations	3(3-0)
FST-607	Food Biotechnology	3(2-1)
FST-609	Food Packaging	3(2-1)
FST-611	Poultry, Egg and Fish Processing	3(2-1)

Semester 8

FST-632	Internship (Six months)and Report Writing	10(0-10)
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BS Human Nutrition & Dietetics

Semester 1

FST-301	Introduction to Food Science & Technology	3(2-1)
HND-301	Principles of Human Nutrition	3(3-0)
ENG-321	EAP (English for Academic Purposes)	3(3-0)
CSI-101	Introduction to Information & Communication Technologies	3(2-1)
PS-322	Pakistan Studies	2(2-0)
PSY-305	Introduction to Psychology	3(3-1)
CHM-307	Essentials of Biochemistry	3(3-0)

Semester 2

HND-302	Community Nutrition	3(2-1)
FST-304	Food processing & Preservation	3(2-1)
HND-304	Fundamentals of Halal Foods	3(3-0)
FST-507	Food Microbiology	3(2-1)
ENG-322	Reading, Writing, Speaking and Listening Skills	3(3-0)
ISL-446	Islamic Studies/Ethics	2(2-0)

Semester 3

HND-401	Dietetics I	3(2-1)
HND-403	Contemporary nutrition	2(2-0)
HND-405	Metabolism of Nutrients	3(3-0)
HND-407	Diet Modeling and Counseling	3(2-1)
AHS-303	General Human Anatomy	3(2-1)
AHS-302	General Pathology	3(2-1)
BNB-405	Introduction to Biotechnology	3(2-1)

Semester 4

HND-402	Dietetics II	3(2-1)
HND-404	Life Cycle Nutrition	3(3-0)
HND-406	Food Safety & Toxicology	3(3-0)
HND-408	Assessment of Nutritional status	3(2-1)
AHS-303	Applied Anatomy	3(2-1)
Stat-351	Introduction to Statistical Theory	3(3-0)

Semester 5

HND-501	Nutrients Drugs Interaction	3(3-0)
HND-503	Functional Foods & Nutraceuticals	3(3-0)
HND-505	Meal planning & management	3(3-0)
HND-507	Nutrition in Emergency	3(3-0)
HND-509	Nutritional Biochemistry	3(3-0)
PHS-301	Physiology-1	3(2-1)

Semester 6

HND-502	Clinical and Therapeutic Nutrition	3(2-1)
HND-506	Analytical Tools in Food and Nutrition	3(1-2)
HND-508	Vitamins & Minerals in Nutrition	3(3-0)
BCH-602	Biochemistry of Diseases	3(1-2)
PHS-302	Physiology-2	3(2-1)
PHM-701	General Pharmacology	3(3-0)

Semester 7

HND-601	Medical Nutrition Therapy	3(2-1)
HND-603	Nutrition in exercise & sports	3(3-0)
HND-605	Nutritional Deficiency Disorders	3(2-1)
HND-607	Infant and Young Child Feeding	3(2-1)
HND-609	Research Projects and Scientific Writing	2(1-1)
HND-611	Nutrition Policy and Public Health	3(3-0)

Semester 8

HND-632	Internship (Six month) and Report Writing	10(0-10)
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MS/Ph.D Food Science & Technology

FST-701	Food Additives	3(2-1)
FST-702	Food Toxicology	3(3-0)
FST-703	Advanced Food Chemistry	3(2-1)
FST-704	Food Enzymology	3(2-1)
FST-705	Advanced Food Biotechnology	3(2-1)
FST-706	Advanced Food Microbiology	3(2-1)
FST-707	Recent Advances in Food Science and Technology	3(3-0)
FST-708	Advanced Beverage Technology	3(2-1)
FST-709	Food Quality Assurance Management	3(3-0)
FST-710	Food Chain Management	3(3-0)
FST-711	Milling of Cereals	3(2-1)
FST-712	Baking Science and Technology-I	3(2-1)
FST-713	Baking Science and Technology-II	3(2-1)
FST-714	Starch Chemistry and Technology	2(2-0)
FST-715	Dairy Processing-I	3(2-1)
FST-716	Dairy processing –II	3(2-1)
FST-717	Chemistry of Edible Oils and Fats	3(2-1)
FST-718	Industrial Processing Technol. of Edible Oils & Fats Products	3(2-1)
FST-719	Technology of Spices and Condiments	3(3-0)
FST-720	Meat Science	3(2-1)
FST-721	Technology of Processed Meat	3(2-1)
FST-722	Prebiotics and probiotics	3(3-0)
FST-723	Functional Foods and Nutraceuticals	3(2-1)
FST-724	Postharvest Management	3(3-0)
FST-725	Food Packaging	3(2-1)
FST-726	Physical Properties of Food	3(2-1)
FST-727	Food Industrial Waste Management	3(3-0)
FST-728	Seminar	1(1-0)
FST-729	Special Problem	1(1-0)

MS/PhD Human Nutrition & Dietetics

HND-701	Advanced human nutrition	3(3-0)
HND-702	Nutritional epidemiology	3(3-0)
HND-703	Clinical assessment of nutritional status	3(2-1)
HND-704	Human immunology and nutrition	2(2-0)
HND-705	Biochemical, physiological, and genetic aspects of human nutrition	3(3-0)
HND-706	Cell biology and nutrition	3(3-0)
HND-707	Metabolism of bioactive nutrients	3(3-0)
HND-708	Processes in clinical nutrition	3(2-1)
HND-709	Advanced techniques in food analysis	3(1-2)
HND-710	Advanced medical therapy	3(2-1)
HND-711	Pathophysiologic basis of metabolic diseases	3(3-0)
HND-712	Health benefits of functional foods	3(3-0)
HND-713	Dietary interventions in public health	3(2-1)
HND-714	Metabolic interrelationships: macronutrients	3(3-0)
HND-715	Geriatric nutrition	3(3-0)
HND-716	Pre-therapy and allied health	3(3-0)
HND-717	Nutritional genomics	3(3-0)
HND-718	Pathophysiology of obesity	3(3-0)
HND-719	Project designing in nutrition	2(1-1)
HND-720	Special problem	1(1-0)
HND-721	Seminar	1(1-0)

MS Food Safety & Quality Management

FSQM 701	Food Safety and Quality Management	3(3-0)
FSQM 702	Food Microbiology and Toxicology	3(3-0)
FSQM 703	Food Laws, Regulations and Auditing	3(3-0)
FSQM 704	Public Health and Nutrition	3(3-0)
FSQM 705	Safe Food Supply Chain Management	3(3-0)
FSQM 706	Food labeling, authenticity and traceability	3(3-0)
FSQM 707	Food Technology and Packaging	3(3-0)
FSQM 708	Consumer Behavior and Preferences	3(3-0)
FSQM 709	Food Sampling and analysis techniques	3(3-0)
FSQM 710	Global issues in food Security and Safety	3(3-0)
FSQM 711	Special Problem	1(1-0)
FSQM 712	Seminar	1(1-0)



Certificate Courses

Department of Food Science is also offering some short courses of one to three months duration. These courses are designed for home to industrial level individuals to make them understand different phenomena involved in food processing and nutrition. Participants in these courses gain knowledge of diet plans and food preservation techniques that help them to improve the quality and safety of their products. Following short courses are offered:

i. Home Baking

Home baking is a food cooking method in home using prolonged dry heat acting by convection, and not by thermal radiation, normally in an oven, but also in hot ashes, or on hot stones. It is primarily used for the preparation of bread, cakes, pastries and pies, tarts, quiches, cookies and crackers. Home based bakeries are often the best way for a newcomer to get started in the baking industry. The mission of the current diploma is to develop professionally qualified and competent bakers primarily through a process of education, training, examination, consultancy/counseling and continuing professional development programs.

ii. Nutrition and Diet Therapy

Diet is a critical factor in the development of good health or simultaneously, various diseases. This program provides the nutritional therapeutic approaches in the prevention and treatment of common diseases and disorders. Every disease, symptom, discharge, and pain is the result of a chemical imbalance in the body. Therapeutic diets, dietary manipulation and supplementation are used to help restoring the normal physiological function and structural integrity of the body and its organs. Providing the adequate quantity, frequency and quality of micronutrients to our cells and tissues will restore the biochemical balance from which health and well-being spring.

iii. Fruits and Vegetables Processing

Processing increases the shelf / storage life of fruits and vegetables. Processing steps, in the preparation of the raw material, involve: cleaning, trimming, peeling, and slicing followed by cooking (blanching), canning, or freezing. This short course provides insight into the most recent developments of fruits and vegetables processing and internees get training of canning, drying, freezing, and preparation of juices, jams, ketchup, and many more.

iv. Food Safety & Hygiene

Food safety is a very critical public health issue and food borne diseases have a major impact on health worldwide. According to World Health Organization millions of people die due to food poisoning every year. Even in industrialized countries, the percentage of people suffering from food borne diseases annually has been reported to be up to 30%. Food contamination thus creates an enormous social and economic burden on communities and their health systems. The aim of this course is to familiarize with the fundamental topics of Food Safety and Hygiene.

Admission Eligibility Criteria

1: BS. FOOD SCIENCE AND TECHNOLOGY

- F.Sc./ A-Level (Pre-Medical)
- F.Sc A-Level (Pre-Engineering)
- DAE- Food Technology/Food Science

2: BS. HUMAN NUTRITION AND DIETICS

- F.Sc/ A-Level (Pre-Medical)

3: MS. FOOD SCIENCE AND TECHNOLOGY

- BS. / B.Sc. (Hons.) Agriculture (Major: Food Science and Technology) or Equivalent
- BS. / B.Sc. (Hons.). Food Science and Technology or Equivalent
- BS. / B.Sc. (Hons.). Food Science and Nutrition (Major: Food Science and Technology) or Equivalent

4: MS. HUMAN NUTRITION & DIETITICS

- BS. / B.Sc. (Hons.). Food Science and Nutrition (Major: Food Science and Nutrition) or Equivalent
- BS. / B.Sc. (Hons.). Home Economics (Major: Food and Nutrition)

5: MS. FOOD SAFETY & QUALITY MANAGEMENT

- BS. / B.Sc. (Hons.). Food Science and Nutrition (Major: Food Science and Technology) or Equivalent
- BS. / B.Sc. (Hons.) Agriculture (Major: Food Science and Technology) or Equivalent
- BS. / B.Sc. (Hons.). Food Science and Technology or Equivalent
- BS. / B.Sc. (Hons.) Biological Sciences with 1 year deficiency courses
- BS. / B.Sc. (Hons). Food Science and Nutrition (Major: Food Science and Nutrition) or Equivalent
- BS. / B.Sc. (Hons). Home Economics (Major: Food and Nutrition)

6: PhD. FOOD SCIENCE AND TECHNOLOGY

- MS. /M.Sc. (Hons)/M.Phil. Food Science and Technology or Equivalent
- MS./M.Sc.(Hons)/M.Phil Food Science & Nutrition with deficiency

7: PhD. HUMAN NUTRITION AND DIETITICS

- MS./M.Sc.(Hons)/M.Phil. Food and Nutrition/Human Nutrition and Dietetics or Equivalent
- MS./M.Sc.(Hons)/M.Phil Food Science & Technology with deficiency courses



Programs Offered

- BS Home Economics
- MS Food and Nutrition
- MS Textiles and Clothing
- MS Art and Design
- Ph.D Food and Nutrition
- Post Graduate Diploma In Home Economics (1 Year)
- Short Courses (3 Month)
 - Nutrition and Diet Therapy
 - Baking and Preservation of Food
 - Textile and Printing
 - Housing and Interior Designing
 - Infant Nutrition Practices
 - Art and Craft

Chairperson: Prof. Dr. Nighat Bhatti

Home Economics

Contact: 041-9201440, 041-9200066-70, Ext: 166

Email: homeeco@gcuf.edu.pk

Vision

Department of Home Economics is committed to be a leading academic center of excellence in teaching, research and skilled programs at national and international level. This field provides an opportunity to study five major discipline of Home Economics i.e. Food and Nutrition, Textiles and Clothing, Applied Art and Design, Human Development & Family Studies, Interior & Environmental Design and Resource & Facility Management a unique blend of science and other related subjects opens future revenue for personnel professional, skilled income generating and social enhancement.

Vision

The mission of the Department of Home Economics is to teach, demeanor research, provide service and apply knowledge that contributes to the social, economic,

environmental and physical wellbeing of individuals and families. The mission will be realized through instruction, research and services.

Introduction

Home Economics is an applied field integrating knowledge about almost every aspect of life and this obtained knowledge the needs of women folk of society. Home Economics views the family as a major source of nurturance, protection, and income generation through skills and renewal for the individuals of every society of the world. The Department of Home Economics established in 2004 initiated undergraduate degree i.e. BS Home Economics the curriculum based on the needs, aspiration and aptitudes universally acknowledged for the improvements of the individual and family life the needs and aspirations always changes with the passage of time. MS and PhD programs in major areas of specialization in Home Economics initiated in 2010 i.e.

MS Food and Nutrition, MS Textiles and Clothing, MS Art and Design and PhD Food and Nutrition. The development of new technologies required to make relevant changes in Home Economics curriculum to make it more acceptable and more practicable in order to achieve the following objectives i.e.

- To provide professional leadership, services and outreach activities in the major areas of Home Economics.
- To conduct high quality research for the advancement of knowledge and skills in order to enhance the quality of life of people, public sector universities and industries.

Faculty

Prof. Dr. Nighat Bhatti

Professor/ Director
PhD Food and Nutrition

Dr. Farhana Nosheen

Lecturer
PhD Agri Extension

Ms. Amina Gilani

Lecturer
MS Art and Design

Ms. Ayesha Hussain

Lecturer
MS Textiles and Clothing

Ms. Uzma Khalid

Lecturer
M.Sc Food & Nutrition

Ms. Sumaira Rehman

Lecturer
M.Sc Management Studies

Ms. Umaira Bilal

Lecturer
M.Sc Textiles and Clothing

Ms. Sabeen Rehman

Lecturer
M.Sc Art and Design

Ms. Zunaira Tahir

Lecturer
M.Sc Food & Nutrition

Ms. Unsa Noreen

Lecturer
MS Textiles and Clothing

Ms. Sidra Shahzadi

Lecturer
Bachelor in Fine Arts and Textile Design

Scheme of Studies

BS Home Economics

Semester 1

Major Course

HEC-301	Introduction to Home Economics	2(2-0)
HEC-303	Fundamentals of Food & Nutrition	3(2-1)
HEC-305	Textiles and Clothing	3(2-1)
HEC-307	Introduction to Art and Design	3(2-1)

Minor Course

ENG-321	English-I EAP (English for Academic Purposes)	3(3-0)
CS-101	Introduction to information & Communication Technologies	3(2-1)
BHS-316	Biology/Pharmacology	3(2-1)

Semester 2

Major Course

HEC-302	Meal Management	3(2-1)
HEC-304	Clothing and Consumer Education	3(2-1)
HEC-306	Applied Art and Design	3(2-1)
HEC-308	Life Span Development	3(2-1)

Minor Course

ENG-322	English-II Reading, Writing, Speaking and Listening Skills	3(3-0)
ISL-446	Islamic Studies/ Ethics	2(2-0)
ACH-403	Fundamentals Of Biochemistry	3(2-1)

Semester 3

Major Course

HEC-409	Home Management & Housing	3(2-1)
HEC-411	Family and Community Development	3(2-1)
HEC-413	Family Economics	3(3-0)

Minor Course

MIC-301	General Microbiology I	3(2-1)
ENG-421	English III-(Communication Skills)	2(2-0)
BIM-715	Basic Mathematics	3(3-0)

Semester 4

Major Course

HEC-410	Applied Housing & Home Management	3(2-1)
HEC-412	Special Children Education	3(2-1)
HEC-414	Entrepreneurship Development	3(3-0)

Minor Course

HP-406	Household Physics	3(2-1)
STA-351	Introduction to Statistical Theory	3(3-0)
PST-322	Pakistan Studies	2(2-0)

Semester 5

Compulsory Subject

HEC-515	Home Economics Education, Administration & Supervision	3(3-0)
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Major Courses (Food & Nutrition)

FAN-517	Food Preservation	3(2-1)
FAN-519	Experimental Foods	3(2-1)
FAN-521	Advanced Nutrition	3(2-1)
FAN-523	Dietetics	3(2-1)

Major Courses (Textiles & Clothing)

TAC-517	Fundamentals of Garment Construction	3(2-1)
TAC-519	Pattern Making	3(1-2)
TAC-521	Fashion Designing and Illustrations	3(1-2)
TAC-523	Structural Textile Design	3(2-1)

Major Courses (Applied Art & Design)

AAD-517	Early Ages of Art	3(3-0)
AAD-519	Art Education	3(2-1)
AAD-521	Drawings	3(1-2)
AAD-523	Commercial Art	3(2-1)

Major Courses (Human Development and Family Studies)

HDF-517	Development from Prenatal to Infancy	3(3-0)
HDF-519	Childhood Care and Development	3(2-1)
HDF-521	Adolescent Development	3(2-1)
HDF-523	Adulthood and Aging	3(2-1)

Major Courses (Interior and Environmental Design)

IED-517	Interior Space Planning I	3(2-1)
IED-519	Fundamentals of Interior Architecture I	3(2-1)
IED-521	Designing the Furniture	3(2-1)
IED-523	Interior Design Application (Perspective Drawing/Studio)	3(1-2)

Major Courses (Resources and Facility Management)

RFM- 517	Essentials of Management	3(3-0)
RFM- 519	Entrepreneurship for home based Industry	3(2-1)
RFM- 521	Management of household Affairs	3(2-1)
RFM- 523	Fundamentals of Marketing	3(3-0)

Semester 6

Compulsory Subject

HEC-514	Methods of Research	3(3-0)
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Major Courses (Food & Nutrition)

FAN-516	Physiological Aspects of Nutrition	3(2-1)
FAN-518	Nutritional Biochemistry	3(3-0)
FAN-520	Food Microbiology	3(2-1)
FAN-522	Community Nutrition	3(2-1)

Major Courses (Textiles & Clothing)

TAC-516	Textiles Computer aided Design	3(1-2)
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TAC-518	Fiber Chemistry	3(2-1)
TAC-520	Textile Processing and Finishing	3(3-0)
TAC-522	Fundamentals of Drapping	3(1-2)
Major Courses (Applied Art & Design)		
AAD-516	History of Art	3(3-0)
AAD-518	Applied Art Education	3(2-1)
AAD-520	Home Art And Craft	3(1-2)
AAD-522	Fundamentals of Designing	3(1-2)
Major Courses (Human Development and Family Studies)		
HDFS-516	Positive Psychology	3(2-1)
HDFS-518	Early Childhood and Guidance	3(2-1)
HDFS-520	Theories of Human Development	3(3-0)
HDFS-522	Communication in Human and Family Relations	3(2-1)
Major Courses (Interior and Environmental Design)		
IED-516	Interior Space Planning II	3(2-1)
IED-518	Fundamentals of Interior Architecture II	3(2-1)
IED-520	Designing For Soft Furnishing	3(2-1)
IED-522	Interior Environment(Physical Aspect)	3(2-1)
Major Courses (Resources and Facility Management)		
RFM- 516	Essentials of Communication	3(3-0)
RFM- 518	House Keeping Management	3(2-1)
RFM- 520	Home Management & Supervision	3(2-1)
RFM- 522	Organizational Behavior	3(3-0)
Semester 7		
HEC-625	Research Project OR	6(0-6)
Elective Courses (Food & Nutrition)		
FAN-627	Diet Modeling And Counseling	3(2-1)
FAN-629	Clinical and Therapeutic Nutrition	3(2-1)
Elective Courses (Textiles & Clothing)		
TAC-627	Redesigning and Restoring Of Textiles	3(1-2)
TAC-629	Textile Marketing and Merchandizing	3(3-0)
Elective Courses (Applied Art & Design)		
AAD-627	Calligraphy	3(2-1)
AAD-629	Graphic communication	3(2-1)
Elective Courses (Human Development and Family Studies)		
HDF-627	Human and Family Ecology	3(2-1)
HDF-629	Intervention Programmes For Developmentally Challenge Children	3(3-0)
Elective Courses (Interior and Environmental Design)		
IED-627	Environmental Psychology	3(3-0)
IED-629	Environmental Ethics	3(3-0)
Elective Courses (Resources and Facility Management)		
RFM- 627	Human Resource Development	3(3-0)
RFM- 629	Management of Institutions, Education and Health	3(3-0)

Major Courses (Food & Nutrition)		
FAN-631	Applied Nutrition	3(2-1)
FAN-633	Nutritional Management in Disasters	3(3-0)
FAN-635	Institutional Management	3(2-1)
FAN-637	Life Cycle Nutrition	3(3-0)
Major Courses (Textiles & Clothing)		
TAC-631	Dress designing through Draping	3(1-2)
TAC-633	Fiber Science	3(2-1)
TAC-635	Language of Fashion	3(3-0)
TAC-637	Textile Dyeing and Printing	3(2-1)
Major Courses (Applied Art & Design)		
AAD-631	Islamic Art	3(3-0)
AAD-633	Essentials of Interior Design	3(2-1)
AAD-635	The Craft of Hand Weaving	3(2-1)
AAD-637	Print Making	3(1-2)
Major Courses (Human Development & Family Studies)		
HDF-631	Abnormal Psychology	3(2-1)
HDF-633	Elementary Education and Administration	3(2-1)
HDF-635	Family Dynamics	3(2-1)
HDF-637	Gerontology: Social Aspects	3(2-1)
Major Courses (Interior & Environmental Design)		
IED-631	Environmental Management	3(2-1)
IED-633	Designing Functional Spaces For Special Needs	3(2-1)
IED-635	Environmental Aesthetics	3(2-1)
IED-637	Interior Design Project	3(0-3)
Major Courses (Resources & Facility Management)		
RFM- 631	Human Resource Management	3(2-1)
RFM- 633	Consumer Economics	3(2-1)
RFM- 635	Consumer Behavior	3(2-1)
RFM- 637	Family Finance	3(3-0)
Semester 8		
Compulsory Subject		
HEC-624	Internship	6(0-6)
Major Courses (Food & Nutrition)		
FAN-626	Nutrition Health & Prevention	3(3-0)
FAN-628	Sports Nutrition	3(3-0)
FAN-630	Food Allergies	3(3-0)
Major Courses (Textiles & Clothing)		
TAC-626	Traditional Textiles of Pakistan	3(3-0)
TAC-628	Historic Costume	3(3-0)
TAC-630	Textile Applications	3(3-0)
Major Courses (Applied Art & Design)		
AAD-626	Art Appreciation	3(2-1)
AAD-628	Painting	3(1-2)

AAD-630	Hand Built Pottery	3(1-2)
Major Courses (Human Development and Family Studies)		
HDF-626	Educational Psychology & Measurement Techniques	3(2-1)
HDF-628	Planning and Managing Human Services Programs	3(2-1)
HDF-630	Day Care Management and Administration	3(2-1)
Major Courses (Interior and Environmental Design)		
IED-626	Advance Computer Applications for Interior Design.	3(1-2)
IED-628	Interior Design Professional Practice Management	3(2-1)
IED-630	Consumer ,Marketing Strategies	3(2-1)
Major Courses (Resources and Facility Management)		
RFM- 626	Hotel Management	3(3-0)
RFM- 628	Small Business Management	3(2-1)
RFM- 630	Money Banking And Finance	3(2-1)

MS Food & Nutrition

Major Courses (to be offered during **Fall** and **Spring** semesters as per decision of Departmental Board of Studies)

FAN-701	Physiology And Biochemistry Of Human Nutrition	3(3-0)
FAN-702	Principals of Nutritional Assessment	3(3-0)
FAN-703	Community Nutrition	3(3-0)
FAN-704	Dietetics And Applied Nutrition	3(2-1)
FAN-705	Food Toxicology	3(3-0)
FAN-706	Life Cycle Nutrition	3(3-0)
FAN-707	Macro Nutrient Metabolism	3(3-0)
FAN-708	Nutrition And Physical Fitness	3(3-0)
FAN-709	Analytical Techniques in Food And Nutrition	3(2-1)
FAN-710	Process in Clinical Nutrition	
FAN-711	Vitamins In Human Nutrition	3(3-0)
FAN-712	Human And Environmental Allergies	3(3-0)
FAN-713	Maternal And Child Nutrition	3(3-0)
FAN-714	Nutrition in Health And Disease	3(3-0)
FAN-715	Research Methods in Food And Nutrition	3(3-0)
FAN-716	Seminar I (General)	1(1-0)
FAN-717	Seminar II (Research)	1(1-0)
FAN-730	Research/Thesis	6(0-6)

Minor Courses: To be offered during **Fall** and **Spring** semesters as per decision of Departmental Board of Studies and selected from other Departments i.e. Physiology, Microbiology, Biotechnology and Pharmacy.

Deficiency Courses: Compulsory to fulfill the requirements of research based degree program)

- Statistics
- Biochemistry

MS Textile & Clothing

Major Courses (to be offered during **Fall** and **Spring** semesters as per decision of Departmental Board of Studies)

TAC-701	Social and Psychological Aspects of Clothing	3(3-0)
TAC-702	Experimental Textiles	3(2-1)
TAC-703	Fundamentals of Fabric Formation	3(2-1)
TAC-704	Consumer Behavior	3(3-0)
TAC-705	Textile Chemistry	3(2-1)
TAC-706	Decorative Fabrics	3(3-0)
TAC-707	Textile Finishing	3(3-0)
TAC-708	Fabric Processing	3(3-0)
TAC-709	Color Chemistry	3(2-1)
TAC-710	Fashion Designing	3(1-2)
TAC-711	Textile and Garment Industry of Pakistan	3(2-1)
TAC-712	Clothing Culture and Economy	3(3-0)
TAC-713	Methods of Research in Textiles and Clothing	3(3-0)
TAC-714	Seminar I (General)	1(1-0)
TAC-715	Seminar II (Research)	1(1-0)
TAC-730	Research and Thesis	6(6-0)

Minor Courses : To be offered during **Fall** and **Spring** semesters as per decision of Departmental Board of Studies and selected from other Departments Environmental Sciences, Chemistry and Industrial Management.

Deficiency Courses: Compulsory to fulfill the requirements of research based degree program)

STA-799: Statistics for Research 3 (2-1)

MS Human Development and Family Studies

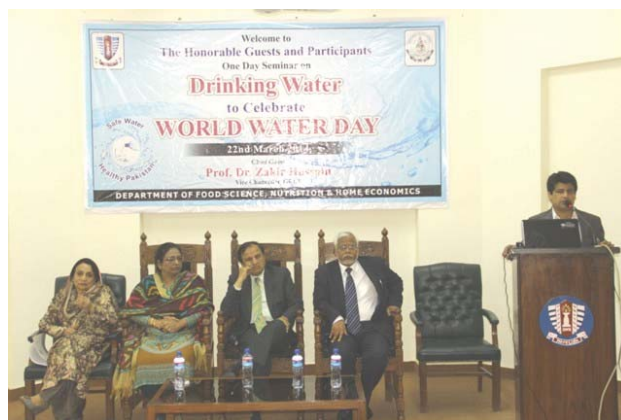
Major Courses (to be offered during **Fall** and **Spring** semesters as per decision of Departmental Board of Studies)

HDFS-701	Advanced Human Development	3(2-1)
HDFS-702	Educational Psychology and Measurement Techniques	3(2-1)
HDFS-703	Elementary Childhood Education	3(2-1)
HDFS-704	Crises Management in Families	3(3-0)
HDFS-705	Human and Family Ecology	3(2-1)
HDFS-706	Sociology of Childhood and Youth	3(3-0)
HDFS-707	Guidance and Counseling of the Child	3(3-0)
HDFS-708	Special Children and Rehabilitation	3(2-1)
HDFS-709	Cultural Anthropology and Human Studies	3(3-0)
HDFS-710	Abnormal Psychology	3(3-0)
HDFS-711	Theories of Human Development	3(3-0)
HDFS-719	Seminar I (General)	1(1-0)
HDFS-720	Seminar II (Research)	1(1-0)
HDFS-730	Research And Thesis	6(0-6)

Minor Courses (to be offered during **Fall** and **Spring** Semesters selected from other departments i.e Psychology, Sociology and Education.

Deficiency Courses (Compulsory to fulfill the requirements of research based degree program)

STA-799: Statistics for Research 3 (2-1)



Ph.D. Food and Nutrition

Major Courses (to be offered during **Fall** and **Spring** semesters as per decision of Departmental Board of Studies)

FAN-801	Recent Advances In Food And Nutrition	3(3-0)
FAN-802	Nutritional Assessment And Health Care	3(2-1)
FAN-803	Food Deficiencies And Combating Strategies	3 (2-1)
FAN-804	Need Based Human Nutrition	3(2-1)
FAN-805	Nutraceutical Foods	3(2-1)
FAN-806	Nutritional Disorders And Diet Therapy	3(2-1)
FAN-807	Advanced Dietetics And Applied Nutrition	3(2-1)
FAN-807	Minerals In Human Nutrition	3(3-0)
FAN-808	Human Nutrition And Chronic Diseases	3(3-0)
FAN-809	Nutrition Immunology	3(3-0)
FAN-810	Nutrition Policies and Programmes	3(3-0)
FAN-811	Seminar I (General)	1(1-0)
FAN-812	Seminar II(Research)	1(1-0)
FAN-830	Research And Thesis	6(0-6)

Minor Courses : To be offered during **Fall** and **Spring** semesters as per decision of Departmental Board of Studies and selected from other Departments Physiology, Microbiology, Biotechnology and Pharmacy.

Deficiency Courses: Compulsory to fulfill the requirements of research based degree program)

- Statistics
- Biochemistry





Programs Offered

- BS Geography
- M.Sc. Geography
- M.Phil. Geography

Coordinator:

Ms. Ayesha Saleem

Department of Geography

Contact: 041-9201332, 041-9200066-70, Ext: 316

Email: geography@gcuf.edu.pk

Mission

The mission of the Department of Geography is to ensure objective study of place, the human and physical processes that shape them and the people who live in them.

Objective

The objective of the Department is to help students make sense of their surroundings and the wider world and focus on both physical and human aspects of Geography.

Introduction

Geography is a scientific study of man's interaction with his environment. Major thrust in Geography is based on four distinct but interrelated traditions i.e. an earth science tradition, a location tradition and an area analysis

tradition; a logical study of man's activities in different regions happens to be the over riding theme in this discipline.

The study of Geography is exciting, challenging and relevant to today's world. Geographers study the natural processes of the physical environment, as well as the activities and consequences of humans in this environment. Some geographers specialize in coastal, glacial or fluvial processes, landforms, climatology, biogeography, hydrology or environmental change. Others study regional economics, population change, and the problems of rural or urban areas. Still others, specializing in spatial analysis, bring the power of geographic information science to bear on a wide range of research problems. Increasingly, these varied interests are coming together in the study of environmental problems and Geographers lead the way in resource management.

Geography teaches valuable skills such as spatial data analysis and geographical information system, landform

and hydrological interpretation, introduction to population and economic statistics, computing skills, field skills and ethics. Geography demands good analytical reporting skills, and our students apply their training in real world situations.

It is job and research –oriented discipline. Courses have been designed to include not only theoretical but also practical knowledge. The Present faculty is working diligently to promote this discipline on modern lines. Specifically the focus is on introduction of Research –oriented modules and Geographic information system (GIS).

Department of Geography, GC University, Faisalabad is offering M.Phil,M.Sc and BS in Geography. Although the Department of Geography was established in 1952, but M.Phil, Master and BS degree programs were initiated in 2009, 2004 and 2005 respectively in this department.

Faculty

Ms. Ayesha Saleem

M.Phil (GCUF)

Lecturer/ Coordinator

Specialization: Urban Geography, Evolution of Geographic Thought, Regional Planning & Development

Mr. Kashif Mahmood

Lecturer, Ph.D Scholar (on study leave)

Specialization: Demography, Population Studies

Mr. Shoaib Khalid

Lecturer, M.Phil (GCUF)

Specialization: Environmental Geography, GIS

Mr. Mehtab Ahmad

Lecturer, M.Phil. (Islamia University, Bahawalpur)

Specialization: Geography

Ms. Nusrat Parveen

Lecturer, M.Phil (GCUF)

Specialization: Environmental Geography

Ms. Mahpara Iram

Lecturer, M.Sc (GCUF)

Specialization: Geography

Mr. Hafiz Muhammad Qasim Salik

Lecturer, M.Phil (GCUF)

Specialization: Human Geography

Ms. Mubshra Mohsin

Lecturer, M.Sc (GCUF)

Specialization: Geography

Ms. Mariam Kareem

Lecturer, M.Sc (GCUF)

Specialization: Geography

Scheme of Studies

BS Geography

Semester 1

GEO-301	Physical Geography-I	3(3-0)
GEO-303	Map Reading and Interpretation	3(2-1)
ENG-321	English-I (English for Academic Purpose)	3(3-0)
CSI-321	Introduction to Computing	3(2-1)
MTH-321	Mathematics-I	3(3-0)
	Elective-I (Basic / Social Sciences)	3(2-1 / 3-0)

Semester 2

GEO-302	Physical Geography-II	3(3-0)
GEO-304	Map Projections	3(1-2)
ENG-322	English-II (Writing and Listening)	3(3-0)
PST-322	Pakistan Studies	2(2-0)
MTH-322	Mathematics-II	3(3-0)
	Elective-I (Basic / Social Sciences)	3(2-1/ 3-0)

Semester 3

GEO-401	Human Geography	3(3-0)
GEO-403	Basic Field Surveying	3(1-2)
ENG-421	English-III (Communication Skills)	3(3-0)
GEO-405	Statistics in Geography	3(3-0)
ISL-421	Islamic Studies / Ethics	2(2-0)
	Elective-II (Basic / Social Sciences)	3(2-1 / 3-0)

Semester 4

GEO-402	Introduction to GIS and Remote Sensing	3(2-1)
GEO-404	Region and Regional Concepts	3(3-0)
ENG-422	English IV	3(3-0)
STA-410	Statistics-II	3(3-0)
	Elective-II (Basic / Social Science)	3(2-1 / 3-0)

Semester 5

GEO-501	Geographic Thoughts and Modern Concepts	3(3-0)
GEO-503	Geomorphology	3(3-0)
GEO-505	Climatology	3(3-0)
GEO-507	Economic Geography	3(3-0)
GEO-509	Computer Techniques in Geography	3(1-2)
GEO-511	Surveying and Leveling	3(1-2)

Semester 6

GEO-502	Geography of Pakistan	3(3-0)
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GEO-504	Research Methodology	3(3-0)
GEO-506	Quantitative Techniques in Geography	3(3-0)
GEO-508	Oceanography	3(2-1)
GEO-510	Environmental Geography	3(3-0)
GEO-512	Cartography	3(1-2)

Semester 7

Elective		
GEO-601	Soil Geography	3(3-0)
GEO-603	Hydro Geography	3(3-0)
GEO-605	Political Geography	3(3-0)
GEO-607	Agricultural Geography	3(3-0)
GEO-609	Cultural Geography	3(3-0)
GEO-611	Transportation Geography	3(3-0)
GEO-613	Geography of Recreation & Tourism	3(3-0)
GEO-615	Geographic Information System	3(2-1)
GEO-617	Urban Geography and Planning	3(3-0)
GEO-619	Geography of Arid Lands	3(3-0)
GEO-621	Pleistocene Geomorphology	3(3-0)
GEO-623	Maritime Affairs	3(1-2)

Compulsory

GEO-625	Regional Studies of South Asia / North America / Australia etc.)	3(3-0)
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Optional

GEO-630	Thesis (in lieu of two elective papers one from 7 th and one from 8 th Semester.	6(6-0)
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Note: Four Elective papers will have to be opted from Geo. 601-623

Semester 8

Elective		
GEO-602	Climatic Change Studies	3(3-0)
GEO-604	Meteorology	3(3-0)
GEO-606	Regional Planning and Development	3(3-0)
GEO-608	Industrial Geography	3(3-0)
GEO-610	Population Geography	3(3-0)
GEO-612	Fluvial Morphology	3(3-0)
GEO-614	Military Geography	3(3-0)
GEO-616	Medical Geography	3(3-0)
GEO-618	Social Geography	3(3-0)
GEO-620	Geography of Natural Hazards and Disasters	3(3-0)

Compulsory

GEO-622	Field Research Report	3(3-0)
GEO-624	Digital Cartography	3(1-2)

Optional

GEO-630	Thesis (in lieu of two elective papers one from 7 th and one from 8 th Semester.	6(6-0)
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M.Sc. Geography

Semester 1

GEO-551	Geographic thoughts and Modern Concepts	3(3-0)
GEO-553	Geomorphology	3(3-0)
GEO-555	Climatology	3(3-0)
GEO-557	Economic Geography	3(3-0)
GEO-559	Computer Techniques in Geography	3(1-2)
GEO-561	Surveying and Leveling	3(1-2)

Semester 2

GEO-552	Geography of Pakistan	3(3-0)
GEO-554	Research Methodology	3(3-0)
GEO-556	Quantitative Techniques in Geography	3(3-0)
GEO-558	Oceanography	3(3-0)
GEO-560	Environmental Geography	3(3-0)
GEO-562	Cartography	3(1-2)

Semester 3

Elective		
GEO-651	Soil Geography	3(3-0)
GEO-653	Hydro Geography	3(3-0)
GEO-655	Political Geography	3(3-0)
GEO-657	Agricultural Geography	3(3-0)
GEO-659	Cultural Geography	3(3-0)
GEO-661	Transportation Geography	3(3-0)
GEO-663	Geography of Recreation & Tourism	3(3-0)
GEO-665	Geographic Information System	3(2-1)
GEO-667	Urban Geography	3(3-0)
GEO-669	Geography of Arid Lands	3(3-0)
GEO-671	Climate Change Studies	3(3-0)
GEO-673	Maritime Affairs and its Applications	3(2-1)

Compulsory

GEO-675	Regional Studies of North America / South America/ Western Europe/ Eastern Europe/ Africa/ Middle East/ South Asia/ South East Asia/ Oceania.	3(3-0)
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Elective

GEO-680	Thesis (in lieu of two elective papers one from 3 rd and one from 4 th semester)	6(6-0)
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Note: 4 Elective papers will have to be opted from serial No. 1-12 in Third Semester and one regional course from serial No.13 which is compulsory.

Semester 4

Elective		
GEO-652	Environmental Management	3(3-0)
GEO-654	Meteorology	3(3-0)

GEO-656	Regional Planning & Development	3(3-0)
GEO-658	Industrial Geography	3(3-0)
GEO-660	Global Positioning System	3(3-0)
GEO-662	Geography of Marketing	3(3-0)
GEO-664	Remote sensing	3(3-0)
GEO-666	Population Geography	3(3-0)
GEO-668	Fluvial Geomorphology	3(3-0)
GEO-670	Military Geography	3(3-0)
GEO-672	Medical Geography	3(3-0)
GEO-674	Geography of Natural Hazards and Disasters	3(3-0)
Compulsory		
GEO-676	Field Research Report	3(3-0)
GEO-678	Digital Cartography	3(1-2)
Elective		
GEO-680	Thesis (in lieu of two elective papers one from 3 rd and one from 4 th semester)	6(6-0)

Note: 3 Elective papers will have to be opted from serial No. 1-12 in Fourth Semester.

M.Phil. Geography

Semester 1

GEO-701	Research Methodology	3(2-1)
GEO-702	Quantitative Geography	3(2-1)
GEO-703	Geographic Information System	3(1-2)
GEO-704	Environmental Geography	3(2-1)

Note: All Courses are compulsory in 1st semester

Semester 2

Group A: Physical Geography (Optional Courses)

GEO-705	Geography of Natural Hazards	3(3-0)
GEO-706	Pleistocene Geomorphology	3(3-0)
GEO-707	Environmental Management	3(3-0)
GEO-708	Fluvial Geomorphology	3(3-0)
GEO-709	Glaciology	3(3-0)
GEO-710	Geography of Arid Lands	3(3-0)
GEO-711	Soil Geography	3(3-0)
GEO-712	Meteorology	3(2-1)
GEO-713	Hydro Geography	3(3-0)
GEO-714	Biogeography	3(3-0)
GEO-715	Climatic Change Studies	3(3-0)
GEO-716	Oceanography	3(3-0)
GEO-717	Geography of Natural Resources	3(3-0)

Group B: Human Geography (Optional Courses)

GEO-718	Cultural Geography	3(3-0)
GEO-719	Social Geography	3(3-0)

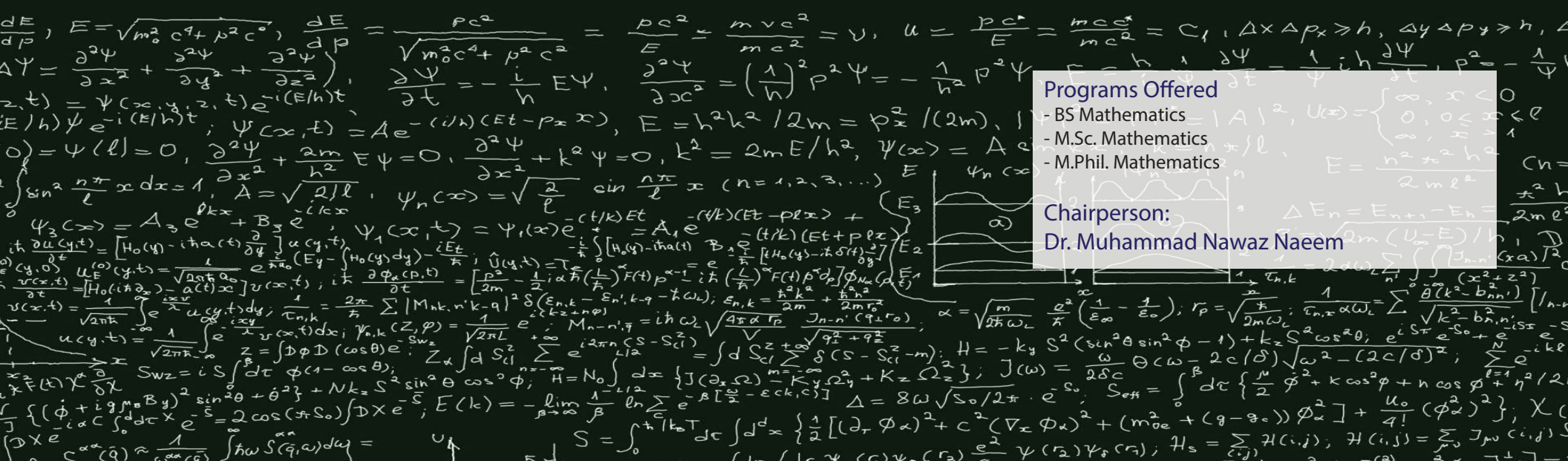
GEO-720	Population Geography	3(3-0)
GEO-721	Transportation Geography	3(3-0)
GEO-722	Urban Geography	3(3-0)
GEO-723	Urban Ecology	3(3-0)
GEO-724	Rural Settlement Geography	3(3-0)
GEO-725	Agriculture Geography	3(3-0)
GEO-726	Geography of Land Resources	3(3-0)
GEO-727	Political Geography	3(3-0)
GEO-728	Behavioral Geography	3(3-0)
GEO-729	Geography of Manufacturing	3(3-0)
GEO-730	Thesis	12(12-0)
GEO-731	Regional Planning and Development	3(3-0)
GEO-732	Geography of Recreation and Tourism	3(3-0)
GEO-733	Military Geography	3(3-0)
GEO-734	Medical Geography	3(3-0)
GEO-735	Industrial Geography	3(3-0)
GEO-736	Geography of Migration	3(3-0)
GEO-737	Sustainable Development	3(3-0)
GEO-738	Gender Geography	3(3-0)
GEO-739	Geography of Media	3(3-0)
GEO-740	Geography of Religion	3(3-0)
GEO-741	Geography of Nutrition	3(3-0)
GEO-742	World Regional Geography	3(3-0)

Group C: Applied Geography (Optional Courses)

GEO-743	Remote Sensing	3(2-1)
GEO-744	Mathematical Geography	3(3-0)
GEO-745	Geography of Crimes	3(2-1)
GEO-746	Disaster and Risk Management	3(3-0)
GEO-747	Applied Geomorphology	3(3-0)
GEO-748	Sustainable Mining with GIS	3(2-1)
GEO-749	Digital Cartography	3(1-2)
GEO-750	Global Positioning System	3(2-1)
GEO-751	Photogrammetric and Digital Image Processing	3(2-1)
GEO-752	Geo statistics	3(3-0)
GEO-753	Geodesy and Advanced Surveying	3(1-2)

Semester 3 & 4

GEO-730	Thesis	06
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Programs Offered

- BS Mathematics
- M.Sc. Mathematics
- M.Phil. Mathematics

Chairperson:

Dr. Muhammad Nawaz Naeem

Department of Mathematics

Contact: 041-9239107, 041-9200066-70, Ext: 267

Email: math@gcuf.edu.pk

Vision

The department of Mathematics aspires to the highest excellence in teaching, research and service.

Mission

The mission of the Department of Mathematics is to pursue teaching, research and service in the area of mathematics. We provide the students an opportunity to acquire the mathematical knowledge and the reasoning skills necessary to make effective use of mathematics. The department fosters creativity and scholarship among the students enabling them to use their analytical skills and serve as resource in the mathematical sciences for other disciplines.

Introduction

Established in 1963 the Department of Mathematics is one of the oldest departments of this institution. It has rich history of excellence and performance and produced renowned mathematicians who are serving in various organizations with distinction and credit.

At the University level this department is now running BS, MS.c and M. Phil programmes in the subject of Mathematics. MS/PhD programs are to be started in the near future.

The Department has produced outstanding students who are serving in academic institutions, Pakistan Atomic Energy Commission, Banks and Industries, and in particular, the Aerospace, Oil and Electronic Industry etc.. The mission of the Department is to enhance the research skills of the creative minds through active involvement in the research-oriented activities.

The Department has qualified and experienced teachers who are devotedly inculcating in the students the zeal, spirit and determination necessary to compete with the new scientific challenges in every walk of life. The Department is also providing teaching assistance in the subject of Mathematics to other Departments of the University, namely Physics, Chemistry, Environmental Science, Geography, Economics, Banking & Finance, Statistics, Bioinformatics, Pharmacy etc.

Faculty

Dr. Muhammad Nawaz Naeem

Associate Professor / Chairman
Ph.D (UK)
Specialization: Vibrations of Cylindrical Shells

Dr. Muhammad Kashif Shafiq

Assistant Professor
Ph.D Mathematics (GCU Lahore)
Specialization: Graph Theory

Dr. Naveed Latif

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Real analysis

Dr. Irshaad Ahmad

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Functional Analysis

Dr. Saima Parveen

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Algebraic Topology

Dr. Muhammad Imran

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Fluid Mechanics

Dr. Naveed Ahmad

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Partial Differential Equations and Financial Mathematics

Dr. Ghulam Murtaza

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Functional Analysis

Dr. Nazeran Idrees

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Commutative Algebra

Dr. Mohsan Raza

Assistant Professor
Ph.D (COMSATS, Islamabad)
Specialization: Geometric Function Theory

Dr. Asifa Tassaddiq

Assistant Professor
Ph.D Mathematics (NUST, Islamabad)

Dr. M. Ahsan Binyamin

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Commutative Algebra & Singularity Theory

Dr. Gholam Roqia

Assistant Professor
Ph.D (GCU, Lahore)
Specialization: Mathematical Analysis

Mr. Muhammad Umer Shuaib

Lecturer
M.Phil (GCUF)
Specialization: Group Theory and its Generalization

Mrs. Khadija Tul Kubra

Lecturer (On study leave for Ph.D)
M. Phil (GCUF)
Specialization: Vibrations of Cylindrical Shells

Mr. Awais Gul Khan

Lecturer (on study leave for Ph.D)
M.Phil (GCUF)
Specialization: Vibrations of Cylindrical Shells

Mrs. Shazia Kanwal

Lecturer
M. Phil (GCUF)
Specialization: Vibrations of Cylindrical Shells

Mrs. Ayesha Iqbal

Lecturer
M.Phil (GCUF)
Specialization: Vibrations of Cylindrical Shells with ring support.

Mrs. Sehar Asghar

Lecturer
M.Phil (GCUF)
Specialization: Operations Research

Ms. Gul Sana

Lecturer
M.Phil (GCUF)
Specialization: Graph Theory

Ms. Asma Mahmood

Lecturer
M.Phil (GCUF)
Specialization: Gamma-Semigroups

Mr. Muhammad Kashif Iqbal

Lecturer (On Study Leave for Ph.D)
M.Phil (GCUF)
Specialization: Mathematics

Mr. Saqib Mazher Qureshi

Lecturer
M.Phil (QAU, Islamabad)
Specialization: Fuzzy and Soft Algebra

Ms. Hadia Ali

Lecturer
M.Phil (GCUF)
Specialization: Differential Equations and differential transformations methods

Mr. Naveed Anjum

Lecturer
M.Phil (Air University, Islamabad)

Miss. Somaira Naz

Lecturer (Gold Medalist)
M.Phil (GCUF)

Miss. Atifa LatifLecturer
M.Phil (GCUF)**Mrs. Saima Perveen**Lecturer
M.Phil (GCUF)**Mrs. Asma Khalid**Lecturer
M.Phil (GCUF)**Miss. Rukmah Iftikhar**Lecturer
M.Phil (GCUF)**Miss. Mubashara Wali**Lecturer
M.Phil (GCUF)

Scheme of Studies

BS Mathematics

Semester 1

ISL-302	Islamic Studies	2(2-0)
ENG-321	English-I	3(3-0)
MTH-301	Calculus-I	4(4-0)
MTH-303	Mathematical Method-I	4(4-0)
PHY-325	Physics-I	4(3-1)

Semester 2

PST-322	Pakistan Studies	2(2-0)
ENG-322	English-II	3(3-0)
STT-322	Statistics-I	4(4-0)
MTH-302	Calculus-II	4(4-0)
MTH-304	Mathematical Method-II	4(4-0)

Semester 3

MTH-401	Vector Calculus	2(2-0)
MTH-403	Mechanics I	4(4-0)
MTH-405	Mechanics II	4(4-0)
STT-421	Statistics-II	3(3-0)
PHY-425	Physics-II	3(3-0)

Semester 4

MTH-402	Metric and Topological Spaces	4(4-0)
MTH-404	Differential Equations	4(4-0)
MTH-406	Numerical Analysis	2(2-0)
MTH-408	Operations Research	2(2-0)
CSI-422	C++	4 (4-0)

Semester 5

MTH-501	Real Analysis I	4(4-0)
MTH-503	Complex Analysis	4(4-0)
MTH-505	Vector and Tensor Analysis	4(4-0)
MTH-507	Algebra-I	4(4-0)
MTH-509	Point Set Topology	4(4-0)

Semester 6

MTH-502	Real Analysis-II	4(4-0)
MTH-504	Algebra-II	4(4-0)
MTH-506	Mechanics	4(4-0)
MTH-508	Functional Analysis	4(4-0)
MTH-510	Differential Geometry	4(4-0)

Semester 7

Pure Mathematics

MTH-601	Advanced Group Theory	4(4-0)
MTH-603	Advanced Set Theory	4(4-0)

Optional Paper (3 out of Following)

MTH-605	Mathematical Statistics-I	4(4-0)
MTH-607	Continuous Groups	4(4-0)
MTH-609	Theory of Modules	4(4-0)
MTH-611	Algebraic Topology	4(4-0)
MTH-613	Advanced Topology	4(4-0)
MTH-615	Numerical Analysis-I	4(4-0)
MTH-617	Linear Algebra	4(4-0)
MTH-619	Rings and Fields	4(4-0)

Applied Mathematics

MTH-621	Fluid Mechanics-I	4(4-0)
MTH-623	Advanced Mathematical Methods	4(4-0)

Optional Paper (3 out of Following)

MTH-605	Mathematical Statistics-I	4(4-0)
MTH-625	Special Theory of Relativity	4(4-0)
MTH-627	Operations Research	4(4-0)
MTH-629	Quantum Mechanics	4(4-0)
MTH-631	Soft Ware Engineering	4(4-0)
MTH-615	Numerical Analysis-I	4(4-0)

Semester 8

Pure Mathematics

MTH-602	Measure Theory	4(4-0)
MTH-604	Advanced Functional Analysis	4(4-0)

Optional Paper (2 out of Following)

MTH-606	Rings & Modules	4(4-0)
MTH-608	Theory of Numbers	4(4-0)
MTH-610	Mathematical Statistics-II	4(4-0)
MTH-612	Numerical Analysis-II	4(4-0)
MTH-614	Special Functions	4(4-0)
MTH-616	Theory of Optimization	4(4-0)
MTH-628	Project	4(4-0)

Applied Mathematics

MTH-618	Fluid Mechanics-II	4(4-0)
MTH-620	Partial Differential Equations	4(4-0)

Optional Paper (2 out of Following)

MTH-622	Theory of Elasticity	4(4-0)
MTH-624	Electromagnetism	4(4-0)
MTH-610	Mathematical Statistics-II	4(4-0)
MTH-612	Numerical Analysis-II	4(4-0)
MTH-614	Special Functions	4(4-0)
MTH-616	Theory of Optimization	4(4-0)
MTH-628	Project	4(4-0)
MTH-626	C ++	4(4-0)

M.Sc. Mathematics

Semester 1

MTH-551	Real Analysis-I	4(4-0)
MTH-553	Complex Analysis	4(4-0)
MTH-555	Vector and Tensor	4(4-0)
MTH-557	Algebra-I	4(4-0)
MTH-559	Point Set Topology	4(4-0)

Semester 2

MTH-552	Real Analysis-II	4(4-0)
MTH-554	Algebra-II	4(4-0)
MTH-556	Mechanics	4(4-0)
MTH-558	Functional Analysis	4(4-0)
MTH-560	Differential Geometry	4(4-0)

Semester 3

Pure Mathematics

MTH-651	Advanced Group Theory	4(4-0)
MTH-653	Advanced Set Theory	4(4-0)

Optional Paper (3 out of Following)

MTH-655	Mathematical Statistics- I	4(4-0)
MTH-657	Continuous Groups	4(4-0)
MTH-659	Theory of Modules	4(4-0)
MTH-661	Algebraic Topology	4(4-0)
MTH-663	Advanced Topology	4(4-0)
MTH-665	Numerical Analysis-I	4(4-0)
MTH-667	Linear Algebra	4(4-0)
MTH-669	Rings and Fields	4(4-0)

Applied Mathematics

MTH-671	Fluid Mechanics-I	4(4-0)
MTH-673	Advanced Mathematical Methods	4(4-0)

Optional Paper (2 out of Following)

MTH-655	Mathematical Statistics-I	4(4-0)
MTH-675	Special Theory of Relativity	4(4-0)
MTH-677	Operations Research	4(4-0)
MTH-679	Quantum Mechanics	4(4-0)
MTH-681	Soft Ware Engineering	4(4-0)
MTH-665	Numerical Analysis-I	4(4-0)

Semester 4

MTH-652	Measure Theory	4(4-0)
MTH-654	Advanced Functional Analysis	4(4-0)

Optional Paper (2 out of Following)

MTH-656	Rings and Modules	4(4-0)
MTH-658	Theory of Numbers	4(4-0)
MTH-660	Mathematical Statistics-II	4(4-0)
MTH-662	Numerical Analysis-II	4(4-0)

MTH-664	Theory of Optimization	4(4-0)
MTH-666	Special Functions	4(4-0)
MTH-678	Project	4(4-0)

Applied Mathematics

MTH-668	Fluid Mechanics-II	4(4-0)
MTH-670	Partial Differential Equations	4(4-0)

Optional Paper (2 out of Following)

MTH-672	Theory of Elasticity	4(4-0)
MTH-674	Electromagnetism	4(4-0)
MTH-660	Mathematical Statistics-II	4(4-0)
MTH-662	Numerical Analysis-II	4(4-0)
MTH-664	Theory of Optimization	4(4-0)
MTH-666	Special Functions	4(4-0)
MTH-678	Project	4(4-0)
MTH-676	C++ (Programming Language)	4(4-0)

The Project of M.Sc. Mathematics will be offered as an optional paper to not more than 50 % of the class strength and only to those who obtain at least 65 % marks on the basis of their performance in I & II Semesters.



M.Phil. Mathematics

Semester 1

MTH-701	Algebra	3(3-0)
MTH-703	Functional Analysis	3(3-0)
MTH-705	Numerical Analysis	3(3-0)

Optional Paper (1 out of Following)

MTH-707	Advanced Topics in Group Theory	3(3-0)
MTH-709	Advanced Partial Differential Equations	3(3-0)
MTH-711	Advanced Ordinary Differential Equations	3(3-0)
MTH-713	Advanced Topics in Commutative Algebra	3(3-0)
MTH-715	Numerical Solution of Partial Differential Equations	3(3-0)
MTH-717	Geometric Function Theory	3(3-0)

Semester 2

Optional Paper (4 out of Following)

MTH-702	Theoretical Physics (Plasma Physics)	3(3-0)
MTH-704	Foundation of Mathematics	3(3-0)
MTH-706	Linear Algebra	3(3-0)
MTH-708	Representation Theory of Symmetric Groups	3(3-0)
MTH-710	Fixed Point Theory	3(3-0)
MTH-712	Lie Algebra	3(3-0)
MTH-714	Numerical Analysis of Ordinary Differential Equations	3(3-0)
MTH-716	Numerical Solutions of Integral Equations	3(3-0)
MTH-718	Theory of Differential Equations	3(3-0)
MTH-720	Approximation Theory	3(3-0)
MTH-722	Theory of Semi-Groups	3(3-0)
MTH-724	Advanced Fluid Dynamics	3(3-0)
MTH-726	Introduction to the Mathematical Literature	3(3-0)
MTH-728	Acoustics	3(3-0)
MTH-730	Integral Transformations	3(3-0)
MTH-732	Viscous Fluid Flow	3(3-0)
MTH-734	Graph Theory & its applications	3(3-0)
MTH-736	Differential Subordinations & Applications	3(3-0)

Semester 3

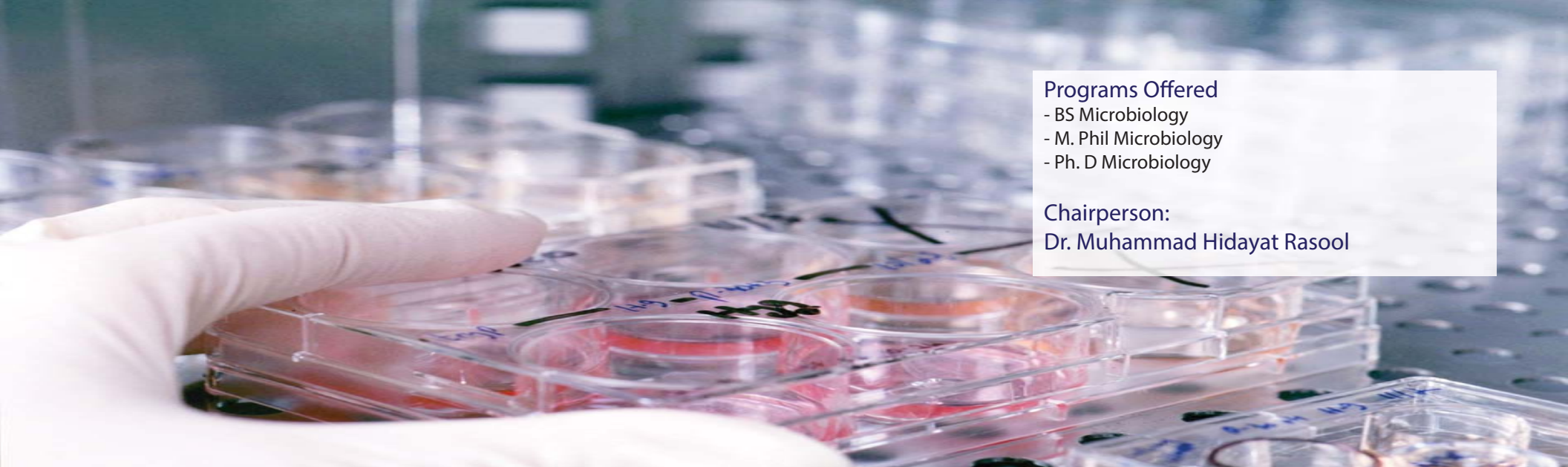
MTH-738	Thesis (Continued)	6(0-6)
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NOTE: Every student will start writing a thesis.

Semester 4

MTH-738	Thesis	6(0-6)
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NOTE: Every student will complete the thesis



Programs Offered

- BS Microbiology
- M. Phil Microbiology
- Ph. D Microbiology

Chairperson:

Dr. Muhammad Hidayat Rasool

Department of Microbiology

Contact: 041-9201205, 041-9200066-70, Ext: 256

Email: microbiology@gcuf.edu.pk

Vision

To attain the highest level of glory and excellence in the field of Microbiology through quality teaching and research and to make this Department as model department for producing highly competent and skillful Microbiologist to serve for the benefit of humanity and to contribute to the development of Nation.

Mission

- To create an environment conducive for learning through quality teaching and research.
- To produce competent and skilled professionals in the field of Microbiology to full fill the future needs of educational institutes.
- To prepare researchers to meet the challenges of industry, research organizations, science and technology.

- To develop the department as a model department of Microbiology in the country for undergraduate and postgraduate teaching and research.

Introduction

In spite of their very small size, the impact of microbes on the planet is so extensive that life without them is almost impossible. Microbiology is an exceptionally diverse science which deals with the study of microorganisms in relation to disease, industry, medicine, environment and modern biotechnology. The study of microorganisms cannot be overemphasized as they are necessary for the production of bread, cheese, antibiotics, vitamins, organic acids, enzymes, biologics, sera and vaccines. Over and above, microbes also serve as the basis and the major tools in the fields of Molecular Biology, Modern Biotechnology and Genetic Engineering. They are indispensable components of our ecosystem. Unfortunately, some microbes cause all the known

diseases in humans, animals and plants causing heavy morbidity and mortality.

Department of Microbiology was established in Government College University, Faisalabad in November 2011 for the teaching and research in Microbiology at Undergraduate & Postgraduate levels. Initially, a 4-Year BS Microbiology program was started during Fall 2011-12 and later on 2-Year M. Phil Program in Microbiology was also initiated in Fall 2012-13. Now Ph.D programme is being started at the Department from Fall semester 2014-15. Currently department has 16 highly competent and skillful faculty members striving hard to achieve the highest level of excellence under the able guidance of Dr. Muhammad Hidayat Rasool.

Department of Microbiology is focusing on academic and research collaborations with different National and International teaching and research institutes as well as with local industries through internship programs and combined research projects. In this regard an MoU was signed with Health Biotechnology Division (HBD), NIBGE

Faisalabad and M. Phil students of the Department are working in National Probiotic Lab under this project. A research project funded by Shagdery with Earth Pvt. Ltd.; A Japanese Company has been successfully completed by the Department. At present Department has about 08 Research Projects in progress funded by HEC and other funding agencies. The key focus will be to conduct applied and problem solving research in very diverse field of Microbiology. In addition to academics and research, students of this department are equally bright and talented in extra-curricular and co-curricular activities and have won a number of laurels for the department.

Microbiology is a broad discipline which has both basic and applied aspects. Many microbiologists are interested primarily in the biology of the microorganisms themselves whereas others may be interested in particular functional processes. Some microbiologists may have an applied orientation and would be interested in practical problems in the fields of medical, pharmaceutical, food, dairy and public health Microbiology. With WTO agreement in offering, every agro-based industry and the industry involved in production and export of biopharmaceuticals, biologics, vaccines, sera and diagnostics will be required to hire a Microbiologist / Immunologist at its strength to satisfy ISO certification needs. Therefore the graduates and post graduate students from Department of Microbiology, Govt. College University Faisalabad will have a very bright and attractive career ahead in public as well as in private sector.

Faculty

Dr. Muhammad Hidayat Rasool

M. Phil. (Silver Medalist), Ph.D (UAF)
(HEC Approved Supervisor)
Associate Professor / Chairman
Specialization: Microbiology, Immunology, Molecular Virology, Cell Culture, Vaccine Development

Dr. Muhammad Asif Zahoor

M. Phil. (UAF), Ph.D (Austria)
Assistant Professor
Specialization: Immunology, Virology

Dr. Muhammad Waseem

M. Phil. (UAF), Ph.D (France)
Assistant Professor
Specialization: Microbial Ecology, Mycorrhizosphere, Microbial Biodiversity

Dr. Bilal Aslam

M. Phil (UAF), Ph.D (UAF)
Assistant Professor
Specialization: Bacteriology, Immunology

Dr. Abu Baker Siddique

M. Phil. (UAF), Ph.D (UAF)
Assistant Professor
Specialization: Bacteriology, Molecular Biology

Dr. Humerah Bano Shafiq

M. Phil (UOK), Ph.D (UOK)
Assistant Professor
Specialization: Marine Microbiology, Bacteriology

Dr. Saima Muzammil

M. Phil (UAF), Ph.D (France)
Assistant Professor
Specialization: Microbiology, Biotechnology

Mr. Muhammad Saqalein

M. Phil. (UAF)
Lecturer
Specialization: Bacteriology, Immunology

Mrs. Gull Naz

M. Phil (UVAS)
Lecturer
Specialization: Microbiology, Mycology

Mrs. Sara Mahmood

M.Phil (NIBGE)
Lecturer
Specialization: Bioinformatics, Biotechnology, Genotoxicity

Ms. Ayesha Sarwar

M.Phil. (UAF)
Lecturer
Specialization: Bacteriology, Food Microbiology



Scheme of Studies

BS Microbiology

Semester 1

MIC-301	General Microbiology-I	3(2-1)
BCH-301	Introductory Biochemistry	4(3-1)
MIC-303	Cell Biology	3(3-0)
MTH-321	Mathematics (Compulsory)	3(3-0)
ENG-321	EAP (English for Academic Purpose) (Compulsory)	3(3-0)
ISL-321	Islamic Studies (Compulsory)	2(2-0)

Semester 2

MIC-302	General Microbiology-II	3(2-1)
MIC-304	Microbial Anatomy and Physiology	3(2-1)
MIC-306	Microbial Taxonomy	3(3-0)
MIC-308	Basic Pathology	3(2-1)
ENG-322	Academic Reading and Writing (Compulsory)	3(3-0)
PST-322	Pakistan Studies (Compulsory)	2(2-0)

Semester 3

MIC-401	Immunology	3(2-1)
MIC-403	General Virology	3(2-1)
MIC-405	Fundamentals of Mycology	3(2-1)
STAT-421	Biostatistics (Compulsory)	3(3-0)
ENG-421	Communication Skills (Compulsory)	3(3-0)
CSI-421	Computer applications in Biology (Compulsory)	3(2-1)

Semester 4

MIC-402	Systemic Bacteriology	3(2-1)
MIC-404	Systemic Virology	3(2-1)
MIC-406	Techniques in Parasitology	3(2-1)
MIC-408	Fundamentals of Epidemiology & Public Health	3(3-0)
MIC-410	Biosafety and Risk Management	2(1-1)
ENG-422	Advanced Academic Reading and Writing (Compulsory)	3(3-0)

Semester 5

MIC-501	Food and Dairy Microbiology	3(2-1)
MIC-503	Cell and Tissue Culture Technology	3(2-1)
MIC-505	Microbial Enzyme Technology	3(2-1)
MIC-507	Molecular Biology and Biotechnology	3(2-1)
MIC-509	Agricultural Microbiology	3(2-1)
MIC-511	Management of Infectious Waste	3(3-0)

Semester 6

MIC-502	Vaccinology	3(2-1)
MIC-504	Environmental Microbiology	3(2-1)
MIC-506	Medical Microbiology	3(2-1)
MIC-508	Veterinary Microbiology	3(2-1)
MIC-510	Pharmaceutical Microbiology	3(2-1)
MIC-512	Microbial Biodegradation and Bioremediation	3(3-0)

Semester 7

MIC-601	Clinical Microbiology	3(2-1)
MIC-603	Plant Microbiology	3(2-1)
MIC-605	Marine & Fresh water Microbiology	3(2-1)
MIC-607	Industrial Microbiology	3(2-1)
MIC-609	Research Methodology	2(2-0)
ENG-621	EFE (English for Employment)	3(3-0)

Semester 8

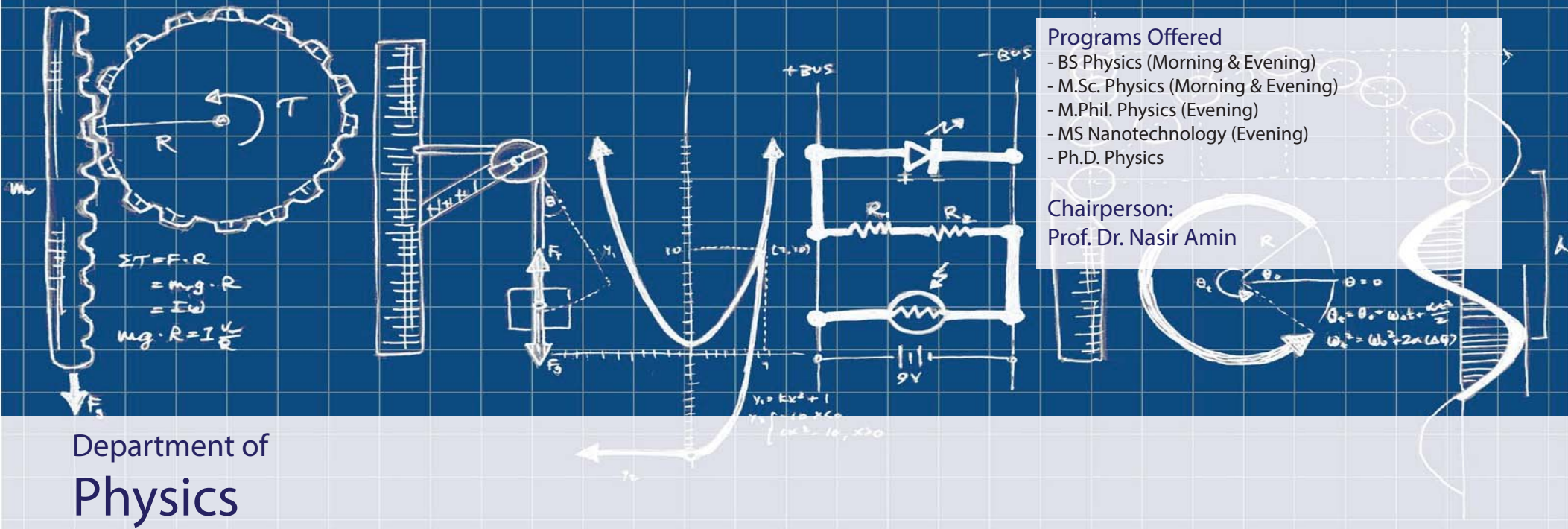
MIC-602	Internship	10(0-10)
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M.Phil. and Ph.D. Microbiology

MIC-700	Introductory Microbiology (Deficiency course for Non-Microbiologists)	3(2-1)
MIC-701	Advanced General Microbiology (Elective)	3(2-1)
MIC-702	Advanced Bacteriology (Core)	3(2-1)
MIC-703	Advanced Virology (Core)	3(2-1)
MIC-704	Advanced Mycology (Core)	3(2-1)
MIC-705	Advanced Parasitology (Elective)	3(2-1)
MIC-706	Advanced Epidemiology & Public Health (Elective)	3(2-1)
MIC-707	Public Health Microbiology (Elective)	3(2-1)
MIC-708	Advanced Immunology (Core)	3(2-1)
MIC-709	Microbial Physiology (Elective)	3(2-1)
MIC-710	Microbial Genetics (Elective)	3(2-1)
MIC-711	Molecular Biology of Bacterial Viruses (Elective)	3(2-1)
MIC-712	Advanced Anaerobic Microbiology (Elective)	3(2-1)
MIC-713	Tissue Culture Technology (Elective)	3(2-1)
MIC-714	Microbiological Techniques (Deficiency course for Non-Microbiologists)	3(1-2)
MIC-715	Molecular Biology Techniques (Elective)	3(1-2)
MIC-716	Recombinant DNA Technology (Elective)	3(2-1)
MIC-717	DNA Damage, Repair and Carcinogenesis (Elective)	3(3-0)
MIC-718	Vaccinology (Elective)	3(2-1)
MIC-719	Industrial & Pharmaceutical Microbiology	3(2-1)

	(Elective)	
MIC-720	Food & Dairy Microbiology (Elective)	3(2-1)
MIC-721	Environmental Microbiology (Elective)	3(2-1)
MIC-722	Bioinformatics, Genomics & Proteomics (Elective)	3(2-1)
MIC-723	Research Methodology (Elective)	2(2-0)
MIC-724	Seminar (Compulsory)	1(1-0)
MIC-725	Special Problem (Elective)	1(0-1)
MIC-726	Research & Thesis (Compulsory)	6(0-6)





Programs Offered

- BS Physics (Morning & Evening)
- M.Sc. Physics (Morning & Evening)
- M.Phil. Physics (Evening)
- MS Nanotechnology (Evening)
- Ph.D. Physics

Chairperson:
Prof. Dr. Nasir Amin

Department of Physics

Contact: 041-9201372, 041-920066-70, Ext: 219

Email: physics@gcuf.edu.pk

Vision

The Department of Physics seeks to build up its national reputation in Physics education and research and to become national leader in producing highly professional and motivated physicists.

Mission

Our mission is to provide a rigorous grounding in the scientific process and a firm scientific understanding of nature to foster critical thinking and to provide scientifically literate and liberally educated physicists.

The primary functional aspects of our mission can be classified as:

- Educating and preparing undergraduate and graduate students for advanced study and employment in education, research institutes and industry.

- Developing highly qualified physicists who can serve as major contributors to the scientific and technological literacy in theoretical and applied physics.
- Providing physical knowledge, experimental experience and training in analytical reasoning and critical thinking required as the basis for the students seeking advanced studies in physics.
- Polishing the expertise and competence in physics of our researchers/academic staff and to prepare them to carry out advanced research in active areas of Physics as demanded by the 21st century

Introduction

The Department of Physics is imparting quality education and research guidance to the community. All the faculty members of the Department are striving hard for excellence and exercising their potential to the maximum to uplift the academic standard of the

University.

To broaden and deepen the vision of the students according to the needs of the 21st century, the Department focuses on activity-based learning. The Department has established linkage with local industries and institutions to provide platform for the academic and professional development of students according to their choices. The Department is offering research in various branches of physics such as condensed matter physics, plasma physics, health and medical physics, environmental physics, semiconductor materials Physics, Laser spectroscopy, Nano technology and theoretical physics. The Department organizes conferences, presentations, seminars, workshops, and excursion cum study tours for the students to provide in-depth understanding of the field at national and international level.

Faculty

Prof. Dr. Nasir Amin

Professor / Chairperson
Ph.D, Post Doctorate (USA)
Laser Spectroscopy & Laser Matter Interaction

Dr. Muhammad Sharif

Associate Professor
Ph.D. Experimental Plasma Physics

Dr. Ijaz Ahmad Khan

Assistant Professor
Ph.D. Experimental Plasma Physics

Dr. Fakhar e Alam

Assistant Professor
Ph.D. Bio Photonics

Dr. Abdur Rasheed

Assistant Professor
Ph.D. Theoretical Plasma Physics

Dr. Muhammad Imran Arshad

Assistant Professor
Ph.D. Semiconductor Materials & Devices

Dr. Adnan Ali

Assistant Professor
Ph.D. Silicon Solar Cells

Dr. Muhammad Shahzad Shifa

Assistant Professor
Ph.D. Remote Sensing

Dr. Aamir Shahzad

Assistant Professor
Ph.D. Computational Plasma and Materials; an experimental fluid Materials / Modeling simulation

Dr. Tariq Muneer

Assistant Professor
Ph.D. Solid State Physics

Dr. Khalid Mahmood

Assistant Professor
Ph.D. Semiconductor and Thermoelectric Materials

Mr. Nadeem Sabir

Lecturer (On Study Leave)
M.Phil. Computational Condensed Matter Physics

Ms. Sofia Akbar

Lecturer (On Study Leave)
M.Phil. Physics of Nano Materials

Ms. Sumera Perveen

Lecturer
M.Phil. Nuclear Medicine, Solar Radiations

Syed Muhammad Alay-e-Abbas

Lecturer (On Study Leave)
M.Phil. Computational Condensed Matter Physics

Mr. Qureshi Amjad Sohail Shah

Lecturer
M.Phil. Quantum Field Theory

Mr. Yasir Saeed

Lecturer (on study leave)
M.Phil. Solid State Physics

Ms. Aleena Manzoor

Lecturer
M.Phil. Materials Science

Dr. Muhammad Ajaz –un-Nabi

Lecturer
Ph.D. Semiconductor Materials

Mr. Sajid Ali

Lecturer
M.Phil. Solid State Condensed Matter Physics

Mr. Kashif Javaid

Lecturer
M.Phil. Laser and Electron Matter Interaction

Mr. Taqmeem Hussain

Lecturer
M.Phil. Applied Radiation

Ms. Effat Yasin

Lecturer
M.Phil. Laser Induced Breakdown Spectroscopy

Ms. Kiran Mahmood

Lecturer
M.Phil. Nanoparticles (Ferrites)

Mr. Amjad Farid

Lecturer
M.Phil. Thin Film Semiconductors

Ms. Qurat-ul-Ain

Lecturer
M.Sc. Electronics

Mr. Taimoor Masood

Lecturer
M.Phil. Nano Technology



Scheme of Studies

BS Physics

Semester 1

PHY-301	Mechanics-I	3 (3 – 0)
PHY-303	Waves & Oscillations	3 (3 – 0)
MTH-321	Calculus-I	3 (3 – 0)
CSI-321	Introduction to Computers	3 (3 – 0)
ISL-321	Islamic Studies	2 (2 – 0)
ENG-321	EAP (English for Academic Purposes)	3 (3 – 0)

Semester 2

PHY-302	Mechanics-II	3 (3 – 0)
PHY-304	Heat & Thermodynamics	3 (3 – 0)
PHY-306	Introduction to Programming for Physicists	3 (3 – 0)
MTH-322	Calculus-II	3 (3 – 0)
PST-322	Pakistan Studies	2 (2 – 0)
ENG-322	Reading, writing, speaking and listening skills	3 (3 – 0)

Semester 3

PHY-401	Electricity & Magnetism-I	3 (3 – 0)
PHY-403	Modern Physics-I	3 (3 – 0)
PHY-405	Differential Equations-I	3 (3 – 0)
MTH-421	Applied Mathematics	3 (3 – 0)
ENG-421	Communication Skills	3 (3 – 0)
PHY-407	Lab Course-I (Mechanics, Heat and Vibrations)	3 (0 – 3)

Semester 4

PHY-402	Electricity & Magnetism-II	3 (3 – 0)
PHY-404	Modern Physics-II	3 (3 – 0)
PHY-406	Differential Equations-II	3 (3 – 0)
PHY-408	Lab Course-II (Optics & Modern Physics)	3 (0 – 3)
MTH-422	Linear Algebra	3 (3 – 0)
CHM-402	Chemistry (Special Topics)	4 (3 – 1)

Semester 5

PHY-501	Methods of Mathematical Physics-I	3 (3 – 0)
PHY-503	Classical Mechanics	3 (3 – 0)
PHY-505	Electrodynamics-I	3 (3 – 0)
PHY-507	Electronics-I	3 (3 – 0)
PHY-509	Relativity and Cosmology	3 (3 – 0)
PHY-511	Lab Course-III (Electromagnetism)	3 (0 – 3)

Semester 6

PHY-502	Methods of Mathematical Physics-II	3 (3 – 0)
PHY-504	Quantum Mechanics-I	3 (3 – 0)

PHY-506	Nuclear Physics-I	3 (3 – 0)
PHY-508	Electrodynamics-II	3 (3 – 0)
PHY-510	Electronics-II	3 (3 – 0)
PHY-512	Lab Course-IV (Atomic & Nuclear Physics)	3 (0 – 3)

Semester 7

PHY-601	Quantum Mechanics-II	3 (3 – 0)
ENG-601	EFE (English for Employment)	3 (3 – 0)
PHY-603	Nuclear Physics-II	3 (3 – 0)
PHY-605	Solid State Physics-I	3 (3 – 0)
PHY-607	Particle Physics-I*	3 (3 – 0)
PHY-609	Advanced Electronics*	3 (3 – 0)
PHY-611	Environmental Physics-I*	3 (3 – 0)
PHY-613	Health and Medical Physics-I*	3 (3 – 0)
PHY-615	Climatology and Metrology-I*	3 (3 – 0)
PHY-617	Lab Course-V (Electronics)	3 (0 – 3)

Semester 8

PHY-602	Plasma Physics	3 (3 – 0)
PHY-604	Computational Physics	3 (3 – 0)
PHY-606	Solid State Physics-II	3 (3 – 0)
PHY-608	Laser and Optics	3 (3 – 0)
PHY-610	Statistical Mechanics	3 (3 – 0)
PHY-612	Particle Physics-II*	3 (3 – 0)
PHY-614	Advanced Electronics Lab Course*	3 (3 – 0)
PHY-616	Environmental Physics Lab Course	3 (3 – 0)
PHY-618	Health and Medical Physics -II*	3 (3 – 0)
PHY-620	Climatology and Metrology-II*	3 (3 – 0)
PHY-629	Seminar	1 (1 – 0)
PHY-630	Thesis**	6 (0 – 6)
PHY-631	Project***	3 (0 – 3)

Note:

* One optional subject to be chosen in 7th and 8th semester.

** Thesis will be allotted in the 7th semester. However, the credit hours for thesis will only count towards the 8th semester.

*** Projects may be opted in lieu of option-II of the subject already taken by the student in 7th semester.

+ Internship will be offered to students during summer vacations as an optional activity.

M.Sc. Physics

Semester 1

PHY-551	Methods of Mathematical Physics-I	3 (3 – 0)
PHY-553	Classical Mechanics	3 (3 – 0)
PHY-555	Electrodynamics-I	3 (3 – 0)
PHY-557	Electronics-I	3 (3 – 0)

PHY-559	Relativity and Cosmology	3 (3 – 0)
PHY-561	Lab Course-I (Electromagnetism)	3 (0 – 3)

Semester 2

PHY-552	Methods of Mathematical Physics-II	3 (3 – 0)
PHY-554	Quantum Mechanics-I	3 (3 – 0)
PHY-556	Nuclear Physics-I	3 (3 – 0)
PHY-558	Electrodynamics-II	3 (3 – 0)
PHY-560	Electronics-II	3 (3 – 0)
PHY-562	Lab Course-II (Atomic & Nuclear Physics)	3 (0 – 3)

Semester 3

PHY-651	Quantum Mechanics-II	3 (3 – 0)
PHY-653	Nuclear Physics-II	3 (3 – 0)
PHY-655	Statistical Mechanics	3 (3 – 0)
PHY-657	Solid State Physics-I	3 (3 – 0)
PHY-659	Particle Physics-I*	3 (3 – 0)
PHY-661	Advanced Electronics*	3 (3 – 0)
PHY-663	Environmental Physics-I*	3 (3 – 0)
PHY-665	Health and Medical Physics-I*	3 (3 – 0)
PHY-667	Climatology and Metrology-I*	3 (3 – 0)
PHY-669	Lab Course-III (Electronics)	3 (0 – 3)

Semester 4

PHY-652	Plasma Physics	3 (3 – 0)
PHY-654	Computational Physics	3 (3 – 0)
PHY-656	Solid State Physics-II	3 (3 – 0)
PHY-658	Laser and Optics	3 (3 – 0)
PHY-660	Particle Physics-II*	3 (3 – 0)
PHY-662	Advanced Electronics Lab Course*	3 (3 – 0)
PHY-664	Environmental Physics Lab Course	3 (3 – 0)
PHY-666	Health and Medical Physics -II*	3 (3 – 0)
PHY-668	Climatology and Metrology-II*	3 (3 – 0)
PHY-679	Seminar	1 (1 – 0)
PHY-680	Thesis***	6 (0 – 6)
PHY-681	Project**	3 (0 – 3)

Note:

* One optional subject to be chosen in 3rd and 4th semester.

** Projects may be opted in lieu of option-II of the subject already taken by the student in 3rd semester.

*** Thesis will be allotted in the 3rd semester. However, the credit hours for thesis will only count towards the 4th semester.

+ Internship will be offered to students during summer vacations as an optional activity.

M.Phil. Physics

Semester 1

PHY-701	Mathematical Techniques in Physics	3 (3 – 0)
PHY-702	Experimental Techniques in Physics	3 (3 – 0)

Two Courses to be selected for 1st semester and 4 for the 2nd semester from the following Courses

PHY-703	Theory of Condensed Matter Physics	3 (3 – 0)
PHY-704	Low Temperature (Cold) Plasmas	3 (3 – 0)
PHY-705	Advanced Solid State Physics	3 (3 – 0)
PHY-706	Standard Model of Particle Physics	3 (3 – 0)
PHY-707	Quantum Field Theory	3 (3 – 0)
PHY-708	Integrable Systems	3 (3 – 0)
PHY-709	Semiconductor devices	3 (3 – 0)
PHY-710	Advanced Quantum Mechanics	3 (3 – 0)
PHY-711	Atmospheric and Environmental Physics	3 (3 – 0)
PHY-712	Health and Medical Physics	3 (3 – 0)
PHY-713	Electromagnetic Theory	3 (3 – 0)
PHY-714	Atomic Spectroscopy	3 (3 – 0)
PHY-715	Plasma Physics	3 (3 – 0)
PHY-716	Thin Film Deposition Techniques	3 (3 – 0)
PHY-717	Experimental Plasma Physics	3 (3 – 0)
PHY-718	Materials Science	3 (3 – 0)
PHY-719	Fundamentals of Nano-Science	3 (3 – 0)
PHY-720	Magnetic Materials	3 (3 – 0)
PHY-721	Laser Physics	3 (3 – 0)

Semester 3 & 4

PHY-728	Seminar	1 (1 – 0)
PHY-730	Thesis	6 (0 – 6)

MS/M.Phil. Nanotechnology

Semester 1 & 2

Four courses to be selected for each semester from the following

NNT-701	Introduction to Nanotechnology	3(3-0)
NNT-702	Fundamentals of Nano-Science	3(3-0)
NNT-703	Physics at Nanoscale	3(3-0)
NNT-704	Fundamentals of micro and nano fabrication	3(3-0)
NNT-705	Nanobiosciences and Applications	3(3-0)
NNT-706	Laser Physics	3(3-0)
NNT-707	Introduction to Microsystem Packaging and Micro-electro Mechanical Systems (MEMS)	3(3-0)
NNT-708	Physics of Semiconductor Nanostructures	3(3-0)
NNT-709	Nanomaterials and nanotechnology	3(3-0)
NNT-710	Nano Bio Photonics	3(3-0)
NNT-711	Nitride Semiconductor Nano devices	3(3-0)
NNT-712	Molecular modeling and simulation I	3(3-0)
NNT-713	Molecular modeling and simulation II	3(3-0)

Semester 3 & 4

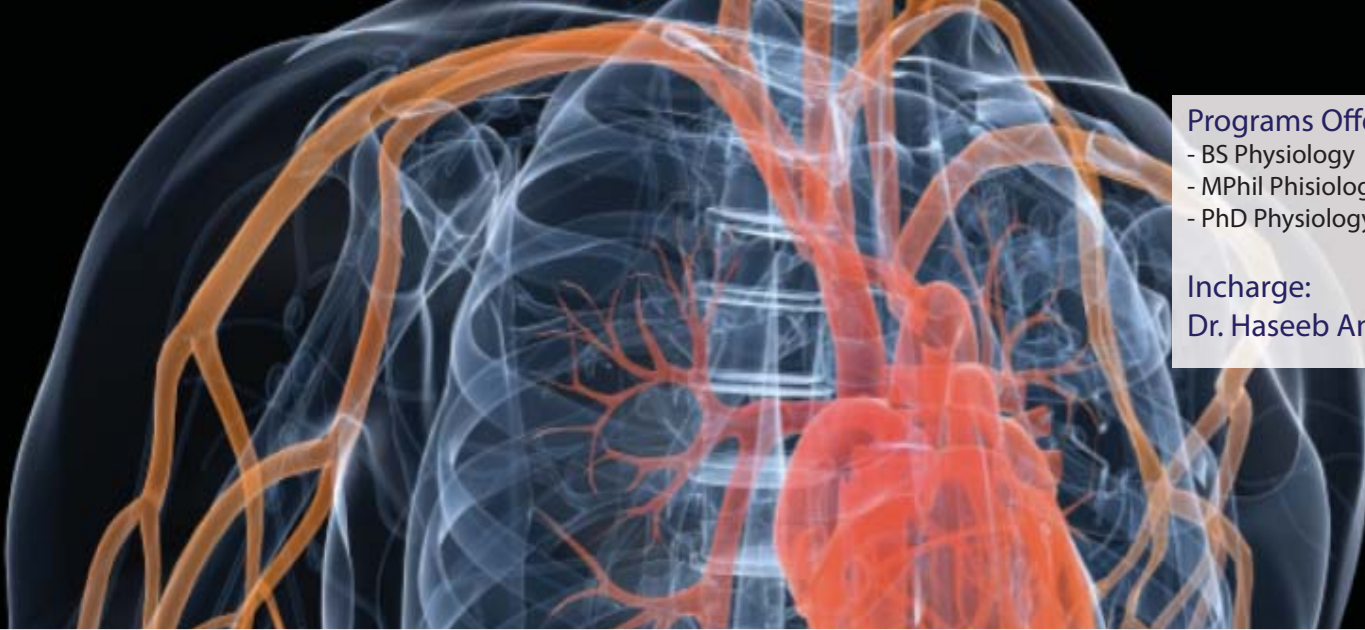
PHY-728	Seminar	1 (1 – 0)
PHY-729	Thesis	6 (0 – 6)

Ph.D. Physics

PHY-801	Principles of advanced experimental techniques	3(3-0)
PHY-802	Atomic and optical physics	3(3-0)
PHY-803	Applied laser spectroscopy	3(3-0)
PHY-804	Advanced kinetic plasma theory	3(3-0)
PHY-805	Electromagnetic wave propagation	3(3-0)
PHY-806	Magnetic materials	3(3-0)
PHY-807	Plasma processing and technology	3(3-0)
PHY-808	Radiotherapy	3(3-0)
PHY-809	Treatment Planning and Advance Radiotherapy Techniques	3(3-0)
PHY-810	Bio-Photonics	3(3-0)
PHY-811	Tissue Optics	3(3-0)
PHY-812	Modeling and simulation techniques I	3(3-0)
PHY-813	Modeling and simulation techniques II	3(3-0)
PHY-814	Advanced medical physics	3(3-0)
PHY-815	Semiconductor material and devices I	3(3-0)
PHY-816	Semiconductor material and devices II	3(3-0)
PHY-817	Physics of solar cells: advanced concepts and modeling	3(3-0)
PHY-818	Advanced Material science	3(3-0)
PHY-819	Advanced Experimental Plasma Physics	3(3-0)
PHY-820	Synthesis of Inorganic nanomaterials	3(3-0)
PHY-828	Seminar-I	1(1-0)
PHY-829	Seminar-II	1(1-0)
PHY-830	Thesis	

Note: Overall 18 teaching credit hours for PhD program are mandatory. However, the research supervisor of students may recommend additional course. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.





Programs Offered

- BS Physiology
- MPhil Physiology
- PhD Physiology

Incharge:

Dr. Haseeb Anwar

Department of Physiology

Contact: 041-9200760, 041-9200066-70, Ext: 187

Email: physiology@gcuf.edu.pk

Vision

I. It's a newly established department and comparatively rare department in other universities of the country, so BS Physiology is an emerging professional degree which needs enormous concentration, hard work as well as the space of growth as professional career. The Department of Physiology is therefore established with the vision of giving the maximum output in teaching and research keeping in view the minimum available resources.

II. To provide high standard education and research activities to aspire undergraduate and postgraduate students to cope up to the international standards.

III. The use of electronic media will be encouraged to teach the students so that learning capabilities could be further enhanced.

IV. Study tours in the national eminent research as well as teaching institute will be planned for the healthy exposure of students.

V. Target based progress plans with a suggested time frame will be set to get the required progress in limited time.

VI. Students will be encouraged to actively participate in the extracurricular activities of the University, which will be a healthy exercise to groom their mental capabilities.

Mission

The Department of Physiology was established with the aim to provide high-tech theoretical and practical knowledge / skills through quality teaching and research to contribute in training of next generation research scientists, physicians and educators. Toward this end, we have developed different academic programs in Physiology. Physiology is a vibrant, growing department that seeks to provide the most exciting environment for cutting edge science. Department is envisioned to sign MOU's with other renowned educational and research institutes for collaborative research programs.

Introduction

Physiology is the study of how the body works in health and disease at all levels, including molecular, genomic, proteomic, ionic, cellular, organ and whole organism. It is the investigations of how organisms work. It requires the integration of knowledge gained from multidisciplinary approaches to the discovery of new information at the molecular, systems and particularly whole animal level. Life saving drugs, pain killer, anesthetic compounds, antidepressant and other countless medicines that are playing a vital role in our daily life would have been a dream without research in Physiology.

It will not be wrong if we say that Physiology is the Mother of Medical Sciences. The word Physiology means "study of nature or origin". Physiology is the scientific study of function in living systems. It is a broad discipline which has both basic and applied aspects. The importance of the subject can be depicted by the fact

that every year one Nobel Prize is awarded in the field of Physiology (Nobel Prize in Physiology or Medicine). The integration of science of physiology with other sciences, especially with medical sciences will create more horizons as a professional career.

There are very few institutes currently offering different academic programs in the subject of Physiology and our Department is one of them, offering BS Physiology (4 Years), MPhil Physiology and PhD Physiology programs. The department has highly qualified PhD faculty, graduated from Pakistan or abroad. Students are taught by professors with expertise spanning a broad range of topics in the field of physiology and biomedical research. Each student receives professional academic advising from a faculty member knowledgeable about current trends and opportunities in the field.

During undergraduate program students take core courses in the sciences during the early semesters of the program, in addition to courses in the humanities and social sciences. During the later semesters of study, students take advanced courses in functional anatomy, immunology, neurobiology, muscle biology, vascular physiology, endocrinology, histology, and other health sciences fields. During their final semester, students complete an internship at one of the selected health care sites nationwide.

Career Opportunities

The graduates from Department of Physiology are intended to acquire high profile positions in pharmaceutical industry, health monitoring departments, biosynthetic industry, instrumentation in biomedical sciences, health related agencies, population welfare divisions, agriculture, veterinary, poultry industry, laboratory centers, bio cybernetics, occupational therapies, physiotherapy centers, nutritional/ sports centers, radiological institutions, biotechnology, bioinformatics, bioengineering, synthetic biology, health physiology centers, nursing, medical universities, hospitals, government diagnostic laboratories, different teaching institutions both in the country or abroad.

Faculty

Dr. Haseeb Anwar
Assistant Professor / Incharge
PhD Physiology

Dr. Muhammad Umar Sohail
Assistant Professor
PhD Physiology

Dr. Muhammad Irfan Ullah
Assistant Professor
PhD Immunoparasitology

Dr. Ghulam Hussain
Assistant Professor
PhD Neuroscience

Arsalan Shoukat
Lecturer
MS Biosciences, MPhil Microbiology

Arslan Iftikhar
Lecturer
MPhil Physiology



Scheme of Studies

BS Physiology

Semester 1

PHS-301	Functional Anatomy and Physiology-I	4(3+1)
PHS-303	Biochemistry-I	3(2+1)
PHS-305	Cell and Molecular Biology-I	3(2+1)
MTH-329	Mathematics (Compulsory)	3(3+0)
ENG-321	EAP (English for Academic Purpose) (Compulsory)	3(3+0)
ISL-321	Islamic Studies (Compulsory)	2(2+0)

Semester 2

PHS-302	Functional Anatomy and Physiology-II	4(3+1)
PHS-304	Biochemistry-II	3(2+1)
PHS-306	Cell and Molecular Biology-II	3(2+1)
MIC-304	Microbial Anatomy and Physiology	3(2+1)
ENG-322	Academic Reading and Writing	3(3+0)
PST-322	Pakistan Studies (Compulsory)	2(2+0)

Semester 3

PHS-401	Gastrointestinal Physiology	3(2+1)
PHS-403	Pulmonary Physiology	3(2+1)
PHS-405	Physiology of Blood and Extracellular Fluid	3(2+1)
PHS-407	Renal Physiology	3(2+1)
ENG-421	Advanced Academic Reading and Writing (Compulsory)	3(3+0)
CSI-101	Introduction and application to computer (Compulsory)	3(2+1)

Semester 4

PHS-402	Cardiovascular Physiology	4(3+1)
PHS-404	Nerve and Muscle Physiology	3(2+1)
MIC-501	General Immunology	3(2+1)
PHS-406	Introduction to Bioinformatics	3(2+1)
CSI-421	Computer Applications in Biology (Compulsory)	3(2+1)
PHS-408	Homeostasis	1(1+0)

Semester 5

PHS-501	Neurophysiology	4(3+1)
PHS-503	Endocrinology	3(2+1)
PHS-505	Electrophysiology	3(2+1)
PHS-507	Principles of Human Nutrition	3(3+0)
PHS-509	Human and Animal Behavior	3(2+1)

Semester 6

PHS-502	Ergonomics	2(0+2)
PHS-504	Reproductive Physiology	3(2+1)

PHS-506	Physiology of Sensory System	3(2+1)
PHS-508	Comparative Physiology	3(2+1)
BNB-405	Introduction to Biotechnology	3(2+1)
SAT-421	Bio-Statistics	3(2+1)

Semester 7

PHS-601	Protozoal Physiology	3(2+1)
PHS-603	Physiology of Health, Fitness and Exercise	3(2+1)
ENG-621	EFE (English for Employment) (Compulsory)	3(3+0)
PHS-605	Physiological Techniques	3(1+2)
PHS-607	Research Methodology and Project	3(0+3)

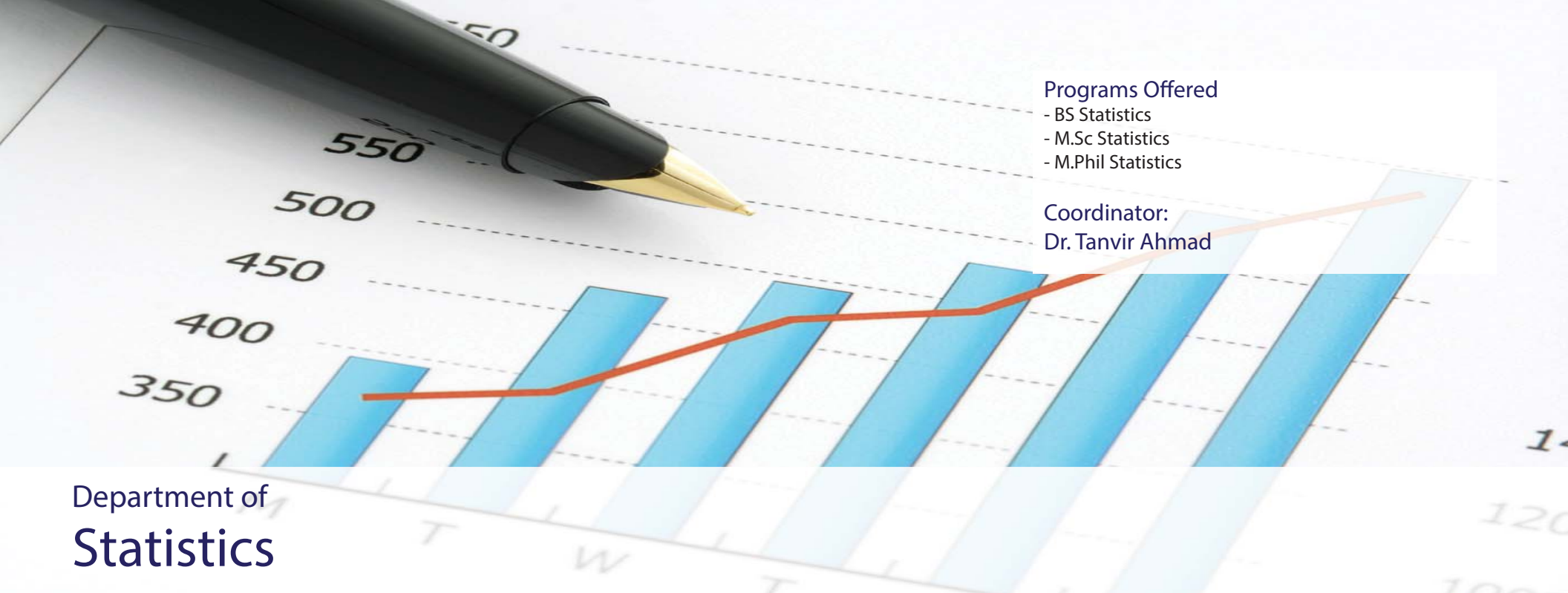
Semester 8

PHS-602	Pathophysiology	3(2+1)
PHS-604	Reproductive And Developmental Physiology	3(3+0)
PHS-606	Parasitic Physiology	3(2+1)
PHS-608	Internship	

MPhil & PhD Physiology

PHS-701	Principles of Physiology and Homeostasis	3(3+0)
PHS-702	Respiratory Physiology	3(2+1)
PHS-703	Neuromuscular Physiology	3(2+1)
PHS-704	General Hematology	3(2+1)
PHS-705	Physiology of Nervous System	3(2+1)
PHS-706	Advanced Immunology	3(2+1)
PHS-707	Physiology of Special Senses	3(2+1)
PHS-708	Reproductive Physiology	3(2+1)
PHS-709	Physiology of Digestion and Metabolism	3(2+1)
PHS-710	Aviation and Deep Sea Physiology	3(2+1)
PHS-711	Physiology of Kidney and Sweat Glands	3(2+1)
PHS-712	Advances in Clinical Endocrinology	3(2+1)
PHS-713	Comparative Physiology	3(3+0)
PHS-714	Sports and Exercise Physiology	3(3+0)
PHS-715	Advances in Pathologic Physiology	3(2+1)
PHS-716	Advanced Avian Physiology	3(2+1)
PHS-717	Microbial Physiology	3(2+1)
PHS-718	Physiology of Parasitic Diseases	3(2+1)
PHS-719	Physiological Techniques	3(1+2)
PHS-720	Fermentation and Gut Physiology	3(2+1)
PHS-721	Advanced Environmental Physiology	3(3+0)
PHS-722	Technical Report Writing	1(0+1)
PHS-723	Nanotechnology and its Applications in Physiology	3(2+1)
PHS-724	Advanced Cell Physiology	3(2+1)
PHS-725	Special Problem	1(1+0)
PHS-726	Seminar	1(1+0)





Programs Offered

- BS Statistics
- M.Sc Statistics
- M.Phil Statistics

Coordinator:
Dr. Tanvir Ahmad

Department of Statistics

Contact: 041-9201461, 041-9200066-70, Ext: 296

Email: stat@gcuf.edu.pk

Mission

The mission of the Department of Statistics is to contribute to the overall objectives of the Government College University, Faisalabad and the Affiliated Colleges, Science, and the Arts through excellence in research and education in the Statistical Sciences and through service to the university community, statistical profession, and society at large.

The proliferation of quantitative information in society demands that we help to develop the next generation of statistics professionals while increasing the statistical literacy of our students and the frequency of collaboration with our colleagues. To meet these objectives, the mission of the Statistics Department is to:

- Deliver a high-quality statistics program for our majors and minors that prepares them for either the workplace or further study in graduate programs;
- Offer service courses for the university that meet the

needs of the various majors and enhance the statistical literacy of the students;

- Support continued growth of Statistics faculty members as teacher-scholars. To contribute to the theoretical and applied development of the field through scholarly research in core areas of statistical theory and probability and publications in leading professional journals.
- To contribute to the development of new statistical methodology to address substantive problems and to promote the use of these methods through publications in both statistics and subject-matter journals.
- To contribute to the advancement of science and technology through interdisciplinary research, jointly with scientists at the Government College University, Faisalabad and at other research institutions and develop a research culture in society in general.

Objective

- The vision of the department is to disseminate quality education and produce quality research in different fields of Statistics.
- The department focuses to produce highly skilled professional, scholars and researchers equipped with adequate knowledge of statistics to meet the contemporary and future challenges.
- We are striving to produce highly trained and skilled graduates to meet the demands of private and public sectors of the country.
- The department is committed to enhance the quality of education within the department and in the University in general.
- The department is planning to launch the Ph.D degree program in the near future, which will boost the research activities within the department.

Introduction

Statistical methods and the application of probability theory are essential to the understanding of data and underlying processes in a very wide variety of fields, including health sciences, economics and finance, social science, government, engineering, biological and physical sciences.

In Government College, Faisalabad the Department of Statistics was established in 1960. Initially intermediate and degree classes were started. In October, 2002 the college was upgraded to University and a 2 year Master degree program was launched in September, 2003. BS (Hons.) a 4 year degree program was launched in September, 2005; the Department took the initiative of launching the M.Phil (Statistics) program in 2012. Currently 235 students are enrolled in different programs being offered by the Department of Statistics.

Statistical computations contribute as a major player to meet the demand of the students and requirements of extended research activities in the graduate and post graduate courses. Statistics is considerably more applied and vocational than many other courses. It aims to produce students who can immediately work as applied statisticians. Whereas all theoretical concepts are covered, the emphasis throughout is on applying and adapting it to real-life circumstances. The analysis of real data sets constitutes the core of the courses and a pivotal role of the computer as a powerful tool in modern statistics is constantly emphasized throughout the programs being offered. Weekly assignments/practical work makes extensive use of standard statistical packages including Minitab, SPSS, EViews, R, Mathematica, Design Expert etc.

The graduated students are employed in reputable Public and private sector organizations like Federal and Provincial Bureaus of Statistics, National Universities, State Bank of Pakistan, Pharmaceutical Industries, Government offices, Commercial Banks, and many other firms and organizations.

Faculty

Dr. Tanvir Ahmad

Assistant professor / Coordinator

Ph.D (Statistics)

Specialization: Response Surface Methodology, Optimal Designs, Missing Data

Dr. Faisal Maqbool Zahid

Assistant professor

Ph.D (Statistics)

Specialization: Probability, Econometrics

Dr. Sajjad Haider Bhatti

Assistant professor

Ph.D (Statistics)

Specialization: Applied Statistics and Econometrics

Mr. Muhammad Ali Raza

Assistant professor

M.Phil (Statistics)

Specialization: Probability, Multivariate, Applied Statistics

Ms. Shahla Ramzan

Lecturer (On Study Leave)

M.Phil (Statistics)

Specialization: Experimental Designs, Multivariate and Categorical Data Analysis

Hafiz Muhammad Tahir

Lecturer (On Study Leave)

M.Phil (Statistics)

Specialization: Probability and Multivariate

Muhammad Irfan

Lecturer

M.Phil (Statistics)

Specialization: Statistical Inference, Time Series Analysis and Quality Control

Ms. Maria Javed

Lecturer

M. Sc (Statistics)

Specialization: Probability distributions and Operations Research

Mr. Muhammad Abid

Lecturer

M.Phil (Statistics)

Specialization: Sampling Techniques and Bayesian Statistics

Mr. Muhammad Aftab

Lecturer

M.Phil (Statistics)

Specialization: Categorical Data Analysis, Applied Statistics

Ms. Hamna Hannan

Lecturer

M.Sc (Statistics)

Specialization: Survey Research Methods, Applied Statistics

Mr. Tahir Nawaz

Lecturer

M.Phil (Statistics)

Specialization: Survival Data Analysis, Time Series Analysis and Econometrics



Scheme of Studies

BS Statistics

Semester 1

STA-311	Introduction to Statistics	4(4-0)
CSI-303	Introduction to Computer Sciences	3(1-2)
MTH-323	Differential Calculus	4(4-0)
ENG-321	English for Academic Purposes	3(3-0)
ISL-302	Islamic Studies	2(2-0)

Semester 2

STA-312	Basic Probability & Random Variables	3(3-0)
MTH-306	Analytical Geometry	4(4-0)
PST-322	Pakistan Studies	2(2-0)
ECO-302	Economics-I	4(4-0)
ENG-421	Communication Skills	3(3-0)

Semester 3

STA-411	Introduction to Probability Distributions	3(3-0)
STA-413	Introduction to Survey Sampling	2(2-0)
CSI-403	Introduction to Programming	3(1-2)
MTH-407	Integral Calculus	4(4-0)
ECO-401	Economics-II	4(4-0)

Semester 4

STA-412	Introduction to Regression Analysis and ANOVA	4(4-0)
STA-414	Introduction to Estimation and Hypothesis Testing	4(4-0)
STA-416	Applied Statistics	4(4-0)
MTH-410	Mathematical Methods and Vector Analysis	4(4-0)

Semester 5

STA-511	Probability and Probability Distributions-I	3(3-0)
STA-513	Sampling Techniques-I	3(3-0)
STA-515	Statistical Methods	4(4-0)
STA-517	Biostatistics	3(3-0)
STA-519	Population Studies	3(3-0)

Semester 6

STA-512	Probability and Probability Distributions-II	3(3-0)
STA-514	Sampling Techniques-II	3(3-0)
STA-516	Design and Analysis of Experiments-I	4(4-0)
STA-518	Statistical Quality Control and Reliability	3(3-0)
STA-520	Operations Research	3(3-0)

Semester 7

STA-611	Econometrics-I	3(3-0)
STA-613	Design and Analysis of Experiments-II	4(4-0)

STA-615	Multivariate Analysis-I	3(3-0)
STA-617	Statistical Inference-I	3(3-0)
STA-619	Statistical Software-I	3(0-3)
ENG-601	English for employment	3(3-0)

Semester 8

STA-612	Econometrics-II	4(4-0)
STA-629	Seminar	1(0-1)
STA-616	Multivariate Analysis-II	3(3-0)
STA-618	Statistical Inference-II	4(4-0)
STA-620	Statistical Software-II	3(0-3)
STA-622	Research Report	3(0-3)
	OR	
	Any One of The Following Courses	
STA-624	Analysis of Time Series and Forecasting	3(3-0)
STA-626	Categorical Data Analysis	3(3-0)
STA-628	Non-Parametric Methods	3(3-0)
STA-630	Bayesian Statistics	3(3-0)

M.Sc. Statistics

Semester 1

STA-561	Probability and Probability Distributions-I	3(3-0)
STA-563	Sampling Techniques-I	3(3-0)
STA-565	Statistical Methods	4(4-0)
STA-567	Population Studies	3(3-0)
CSI-559	Introduction to Computer Sciences	3(1-2)

Semester 2

STA-562	Probability and Probability Distributions-II	3(3-0)
STA-564	Sampling Techniques-II	3(3-0)
STA-566	Design and Analysis of Experiments-I	4(4-0)
STA-568	Statistical Quality Control and Reliability	3(3-0)
STA-570	Operations Research	3(3-0)

Semester 3

STA-661	Econometrics-I	3(3-0)
STA-663	Design and Analysis of Experiments-II	4(4-0)
STA-665	Multivariate Analysis-I	3(3-0)
STA-667	Statistical Inference-I	3(3-0)
STA-669	Statistical Software-I	3(0-3)

Semester 4

STA-662	Econometrics-II	4(4-0)
STA-679	Seminar	1(0-1)
STA-666	Multivariate Analysis-II	3(3-0)
STA-668	Statistical Inference-II	4(4-0)
STA-670	Statistical Software-II	3(0-3)

STA-672	Research Report	3(0-3)
	OR	
	Any One of The Following will be offered	
STA-674	Analysis of Time Series and Forecasting	3(3-0)
STA-676	Categorical Data Analysis	3(3-0)
STA-678	Non-Parametric Methods	3(3-0)
STA-680	Bayesian Statistics	3(3-0)

M.Phil. Statistics

Semester 1

Courses comprising 12 credit hours are to be selected

STA-701	Advanced Sampling Techniques	3(3-0)
STA-702	Multivariate Analysis	3(3-0)
STA-703	Probability Distributions	3(3-0)
STA-704	Advanced Design of Experiments	3(3-0)
STA-705	Linear Models and Regression Analysis	3(3-0)
STA-706	Research Methods	3(3-0)
STA-707	Optimization Techniques	3(3-0)
STA-708	Bayesian Analysis	3(3-0)
STA-709	Advanced Econometric Analysis	3(3-0)

Semester 2

Courses comprising 12 credit hours are to be selected

STA-710	Generalized Linear Models	3(3-0)
STA-711	Advanced Probability Theory	3(3-0)
STA-712	Statistical Inference	3(3-0)
STA-713	Categorical Data Analysis	3(3-0)
STA-714	Survival Data Analysis	3(3-0)
STA-715	Time Series and Forecasting	3(3-0)
STA-716	Biostatistics	3(3-0)
STA-717	Population Analysis and Official Statistics	3(3-0)
STA-718	Advanced Response Surface Methodology	3(3-0)
STA-719	Applied Stochastic Models	3(3-0)

Semester 3 & 4

STA-728	Seminar	01
STA-730	Thesis	12

Note: The courses will be offered depending upon the availability of faculty.



Programs Offered

- BS Zoology (4 Year) Morning & Evening
- M. Sc Zoology (2 Year) Morning & Evening
- MS/M. Phil Zoology (2 Year) Evening
- MS/M. Phil Wildlife & Fisheries (2 Year) Evening
- Ph. D Zoology (3 Year) Morning
- Ph. D Wildlife & Fisheries (3 Year) Morning

Chairperson:

Dr. Farhat Jabeen

Department of Zoology, Wildlife & Fisheries

Contact: 041-9201206, 041-9200066-70, Ext: 181

Vision

The vision of Department of Zoology, Wildlife and Fisheries is to promote broad communication of knowledge and research by imparting excellent updated education, society-oriented and need-based research for the conservation, sustainability and the better management of fisheries and wildlife resources and their ecosystems through trained manpower.

Mission

The mission of Department of Zoology, Wildlife and Fisheries is to promote excellence in all academic programs for the students through outstanding teaching and in house collaborative high-tech research with international community to equip students with knowledge, insight and expertise required to contribute to society as educators, research scientists,

administrators and entrepreneurs. Department strives to provide the very best research environments through well-equipped research laboratories and trained scientists to enhance discoveries and the application of innovations in biology for the local and global community.

Scope

Department of Zoology was established in 1990 for the teaching of graduate and post graduate courses affiliated with University of the Punjab, Lahore, then took a mature turn after the up-gradation of Government College Faisalabad as Government College University, Faisalabad in 2002. Later on launching of M. Phil, Ph. D and Honors programs added to its status and it has come forth as one of the academically sound Department of the country. The high profile motivated faculty loaded with initiative and drive is key strength of the Department. The fully equipped laboratories,

well-furnished class rooms and update spacious library provide the best possible facilities to the students in their academic pursuits. All the faculty members under the dynamic leadership of Prof. Dr. Naureen Aziz Qureshi are striving hard and exercising their potentialities to the maximum extent focusing the activity based learning. University industry linkage program for the joint research ventures have been initiated. For this purpose the Department has established a linkage through signing MOU with WASA and Punjab Fisheries Department with an objective of sharing research facilities for educational and career development of the students coherent with professional requirement. The Department believes in its uplifting at world recognized level through imparting outstanding teaching and research by awarding degree in academic programs of BS, M. Sc, M. Phil/MS and PhD in Zoology. Department is adding new academic program by launching a degree in MPhil/MS and PhD in Wildlife and Fisheries in fall 2013 in an effort to remain as a center of

excellence in zoological, wildlife and fisheries research to assist in the sustainable utilization and conservation of our natural resources for cause of humanity to whom we are committed within our capacities.

Recently department has recruited foreign qualified PhD faculty members to broaden the teaching and research horizon to face the modern challenges in the field of Science and Technology. Entomology Fish Nutrition and Wet labs have been established to extend its infrastructure. Department has research project under INSPIRE Program (British council-Higher Education Commission funded project) and its two extension programs SPEKE and TNE on its credit.

Department is offering research facilities to the students in the following diversified fields according to the expertise of their faculty members:

- Wildlife
- Fisheries
- Biotechnology
- Cell Biology
- Molecular Biology
- Insect Genetics/Human Molecular Genetics/Fish Genetics
- Biochemistry
- Ecology
- Mammalogy
- Ornithology
- Entomology
- Forensic Science
- Classical and Molecular Taxonomy
- Control of Vertebrate Pest
- Toxicology



Faculty

Prof. Dr. Naureen Aziz Qureshi (FLS)

MSc (Gold Medalist)
MPhil (UoK), PhD (USA), Post Doc (UK)
(HEC Approved Supervisor)
Professor
Specialization: Fisheries, Aquaculture, Environmental Sciences, Ecology of Wetlands

Dr. Farhat Jabeen

MSc (UAF), MPhil (Gold Medalist, QAU),
PhD (QAU), Post-Doc (UK)
(HEC Approved Supervisor)
Associate Professor / Chairperson
Specialization: Fisheries, Human Molecular Genetics, Environmental Science, Aquatic Toxicology

Dr. Tayyaba Sultana

MSc (UAF), MPhil, PhD (QAU), Post-Doc (QAU & UK)
(HEC Approved Supervisor)
Assistant Professor
Specialization: Fisheries, Cell and Molecular Biology, Genetics

Dr. Salma Sultana

MSc (UAF), MPhil, PhD (QAU), Post-Doc (UK)
(HEC Approved Supervisor)
Assistant Professor
Specialization: Fisheries, Human Molecular Genetics, Fish Nutrition

Dr. Samina Qamar

MSc, PhD (PU), Post-Doc (USA)
(HEC Approved Supervisor)
Assistant Professor
Specialization: Entomology, Apiculture, Honey Analysis, Apitherapy, beekeeping, Bee-Economics

Dr. Laiq Ahmad

MSc, MPhil, PhD (QAU), Post Doc (USA)
(HEC Approved Supervisor)
Assistant Professor
Specialization: Reproductive Physiology, Endocrinology

Dr. Hafiz Abu Baker Saddiqi

DVM, MS (Silver Medalist), PhD (UAF)
(HEC Approved Supervisor)
Assistant Professor (TTS)
Specialization: Parasitology

Dr. Muhammad Samee Mubarik

MSc, MPhil, PhD (UAF)
Assistant Professor (TTS)
Specialization: Fisheries

Dr. M. Kashif Zahoor

M.Sc. (Hons) Entomology (UAF), PhD (France)
(HEC Approved Supervisor)
Assistant Professor (TTS)
Specialization: Entomology, Genetics, Molecular Biology

Dr. Shabab Nasir

M.Sc. (Hons) Entomology, PhD (UAF), Six months research training (Norway)
Assistant Professor (TTS)
Specialization: Medical Entomology

Dr. Syed Makhdoom Hussain

MSc, MPhil, PhD (UAF)
(HEC Approved Supervisor)
Assistant Professor (TTS)
Specialization: Fish Nutrition, Aquatic Toxicology

Dr. Farkhanda Asad

MSc, MPhil, PhD (UAF)
(HEC Approved Supervisor)
Assistant Professor
Specialization: Limnology, Fish Nutrition

Dr. Asma Ashraf

MSc (UAF) PhD (GCUF)
Assistant Professor (TTS)
Specialization: Microbiology, Immunology & Bioinformatics

Dr. Fatima Jalal

MSc, MPhil, PhD (UAF)
(HEC Approved Supervisor)
Assistant Professor (TTS)

Specialization: Molecular biology, Proteomics, Microbiology, Ecology & Biodiversity.

Dr. Khizar Samiullah

MSc (KU), PhD (PU)
(HEC Approved Supervisor)
Assistant Professor (TTS)
Specialization: Paleontology & Zoogeography, Mammalogy, Evolution, Systematics

Dr. Bilal Rasool

M.Sc. (Hons) Entomology (UAF), PhD (Austria)
Assistant Professor (TTS)
Specialization: Entomology, Molecular Ecology

Dr. Tayyaba Ali

MSc (UAF), PhD (QAU)
Assistant Professor (TTS)
Specialization: Biotechnology, Genetic Toxicology, Recombinant DNA Technology

Dr. Shabana Parvez

MSc (PU), MPhil, PhD (UAF)
(HEC Approved Supervisor)
Assistant Professor
Specialization: Vertebrate Pest Management, Wildlife Ecology

Dr. Azhar Rafique

MSc (PU), MPhil, PhD (UAF)
Assistant Professor (TTS)
Specialization: Biodiversity, Vertebrate Pest Control

Dr. Sajid Yaqub Qureshi

MSc, MPhil, PhD (UAF)
Assistant Professor (Contractual)
Specialization: Aquatic Toxicology, Fresh-water Fisheries, Ichthyology

Dr. Shahzad Ahmad

MSc (PU), MPhil, PhD (UAF)
Assistant Professor (Contractual)
Specialization: Wildlife Ecology, Vertebrate Pest Management

Dr. Tahira Riasat

MSc, PhD (UAF)
Assistant Professor (TTS)
Specialization: Biological Control of insect Pests

Dr. Inayat Ullah

M. Phil (QAU), PhD (PMAS-UAAR)
Assistant Professor (IPFP)
Specialization: Molecular Ecology and Genetics

Ms. Javeria Altaf

MSc, MPhil (UAF), PhD Scholar (GCUF)
Lecturer
Specialization: Biodiversity

Ms. Amna Nadeem

MSc, MPhil (UAF), PhD Scholar (PU)
Lecturer
Specialization: Ecology / Biodiversity

Ms. Mussarrat Shaheen

MSc, MPhil, PhD Scholar (QAU)
Lecturer (QAU on study leave)
Specialization: Microbiology

Ms. Maleeha Manzoor

MSc, MPhil (GCUL), PhD Scholar (PU)
Lecturer (PU on study leave)
Specialization: Eco-toxicology

Ms. Tahira Younis

MSc., MPhil., PhD Scholar (QAU)
Lecturer (QAU on study leave)
Specialization: Biochemistry

Ms. Amna Sajjad

MSc (PU), MPhil (GCUL), PhD Scholar (Germany)
Lecturer (Germany on study leave)
Specialization: Molecular Immunology

Mr. Zahid Iqbal

MSc (GCUF), MPhil Scholar (GCUF)
Lecturer
Specialization: Fisheries



Scheme of Studies

BS Zoology

Semester 1

ZOL-301	Zoology-I	4(3-1)
BOT-301	Botany-I/subsidiary (Core)	4(3-1)
CHE-321	Chemistry-I/subsidiary	4(3-1)
ENG-321	English-I(English for Academic Purpose)(EPA)	3(3-0)
ISL-321	Islamic Studies	2(2-0)

Semester 2

ZOL-302	Zoology-II	4(3-1)
BOT-302	Botany-II/subsidiary (Core)	4(3-1)
CHE-322	Chemistry-II/subsidiary (Core)	4(3-1)
ENG-322	English-II (Reading, Writing, Speaking and Listening)	3(3-0)
PST-322	Pak Studies	2(2-0)

Semester 3

ZOL-401	Zoology-III	4(3-1)
ZOL-403	Zoology-IV	4(3-1)
BOT-401	Botany-III/subsidiary (Core)	4(3-1)
CHM421	Chemistry-III/subsidiary (Core)	4(3-1)
ENG-421	English-III (Communication Skill)	3(3-0)

Semester 4

ZOL-402	Zoology-V	4(3-1)
ZOL-404	Zoology-VI	4(3-1)
PSY-422	Psychology / or any other elective outside of major	3(3-0)
CSI 422	Computer Application	2(2-0)
ENG-422	Communication Skills	2(2-0)
MTH-422	Math	3(3-0)

Semester 5

ZOL-501	Cell & Molecular Biology	4(3-1)
ZOL-503	Biochemistry– I (Structure and Functions of Macromolecules)	3(2-1)
ZOL-505	Animal Physiology-I	4(3-1)
ZOL-507	Animal Behavior	2(2-0)
ZOL-509	Genetics	4(3-1)

Semester 6

ZOL-502	Biostatistics	3(3-0)
ZOL-504	Developmental Biology	4(3-1)
ZOL-506	Ecology	3(3-0)
ZOL-508	Fundamentals of Entomology	3(2-1)
ZOL-510	Biochemistry-II (Metabolism)	3(2-1)

ZOL-512	Physiology-II	4(3-1)
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Semester 7

ZOL-601	Evolution & Principals of Systematics	4(3-1)
ZOL-605	Fisheries	3(2-1)
ZOL-607	Research Methodology	1(1-0)
ZOL-609	Zoogeography & Paleontology	3(3-0)
ZOL-690	Aquatic Toxicology	3(2-1)

Semester 8

ZOL-602	Basic Bioinformatics	3(2-1)
ZOL-606	Wildlife	3(2-1)
ZOL-654	Bioremediation and Bio-processing	3(2-1)
ZOL-680	Research and Thesis	6(6-0)
To be offered	*Special paper 1 (in lieu of thesis)	3(2-1)
To be offered	*Special paper 2 (in lieu of thesis)	3(2-1)

M.Sc. Zoology

Semester 1

ZOL-551	Biochemistry-I (Structure and Functions of Macro molecules)	3(2-1)
ZOL-553	Developmental Biology	4(3-1)
ZOL-555	Advanced Environmental Biology	3(2-1)
ZOL-557	Animal Physiology	4(3-1)
ZOL-559	Advanced Cell Biology	3(2-1)

Semester 2

ZOL-552	Biochemistry-II (Metabolism)	3(2-1)
ZOL-554	Physiology of Coordination and Animal Behavior	4(3-1)
ZOL-556	Principles of Taxonomy and Evolution	3(2-1)
ZOL-558	General and Molecular Genetics	4(3-1)
ZOL-560	Principles of Zoogeography	3(2-1)
ZOL-562	Fundamentals of Microbiology	3(2-1)

Semester 3

ZOL-651	Principles of paleontology	3(2-1)
ZOL-653	Biodiversity	3(2-1)
ZOL-655	Biostatistics	3(3-0)
ZOL-661	Biotechnology	4(3-1)
ZOL-690	Aquatic Toxicology	3(2-1)
ZOL-657	Fish Culture	3(2-1)

Semester 4

ZOL-607	Research Methodology	1(1-0)
ZOL-652	Wildlife of Pakistan	2(1-1)
ZOL-654	Bioremediation and Bio-processing	3(2-1)
ZOL-656	Biological and Chemical Control of Pests	3(2-1)

ZOL-658	Basic Bioinformatics	3(2-1)
ZOL-680	Research and Thesis	6(6-0)
To be offered	*Special paper 1 (in lieu of thesis)	3(2-1)
To be offered	*Special paper 2 (in lieu of thesis)	3(2-1)

***Two courses Special Subject/ Optional will be opted in lieu of research for BS and M.Sc.**

ZOL-660	Fundamentals of Entomology	3(2-1)
ZOL-662	Endocrinology-A	3(2-1)
ZOL-664	Ornithology	2(1-1)
ZOL-665	Mammology	2(1-1)
ZOL-666	Aqua Culture Health Management	3(2-1)
ZOL-667	Insect Pest of Agriculture and their Management	2(1-1)
ZOL-668	Biology of Birds and Mammals in Pakistan	3(2-1)
ZOL-669	Proto-Zoology	2(1-1)
ZOL-670	Fundamentals of Limnology	3(2-1)
ZOL-671	Applied Limnology	3(2-1)
ZOL-672	Applied Entomology	3(2-1)
ZOL-673	Endocrinology-B	3(2-1)
ZOL-674	Applied Microbiology	3(2-1)
ZOL-675	Fish Physiology and Breeding	3(2-1)
ZOL-676	Aquatic Biology	3(2-1)
ZOL-677	Integrated Aqua Culture	3(2-1)
ZOL-678	Sea Food Technology	3(2-1)
ZOL-679	Fish Biology	3(2-1)
ZOL-681	Bio-Physical Methods in Life Sciences	3(2-1)
ZOL-682	Comparative Anatomy of Vertebrates	3(2-1)
ZOL-683	Principles of Fish Biology	3(2-1)
ZOL-684	Immunology and Hematology	3(2-1)
ZOL-685	Vector Biology	3(2-1)
ZOL-686	Aquatic Environmental Management	3(2-1)
ZOL-687	Molecular Biology	3(2-1)
ZOL-688	Fish Ecology	3(2-1)
ZOL-689	Ichthyology	3(2-1)
ZOL-690	Aquatic Toxicology	3(2-1)

List of Courses for MS/M.Phil/Ph.D Degree Programmes

ZOL-701	Quantitative Zoology	3(2-1)
ZOL-702	Biodiversity	3(2-1)
ZOL-703	Immunology	3(2-1)
ZOL-704	Recombinant DNA Technology	3(2-1)
ZOL-705	Biotechnology	3(2-1)
ZOL-706	Reproductive Physiology	3(2-1)
ZOL-707	Population Genetics	3(2-1)
ZOL-708	Comparative Vertebrate Endocrinology	3(2-1)
ZOL-709	Biostatistics	3(3-0)
ZOL-710	Biochemistry of Drug Action	3(2-1)
ZOL-711	Helminthology	3(2-1)
ZOL-712	Human Genetics	3(2-1)
ZOL-713	Human Embryology and Teratology	3(2-1)
ZOL-714	Molecular Biology	3(2-1)
ZOL-715	Molecular Physiology	3(2-1)
ZOL-716	Environmental Biotechnology	3(2-1)
ZOL-717	Aquatic Toxicology	3(2-1)
ZOL-718	Medical Microbiology	3(2-1)
ZOL-719	Behavioural Ecology	3(2-1)
ZOL-720	Principles of Toxicology	3(2-1)
ZOL-721	Chalk Talk/Assignment Presentation	2(2-0)
ZOL-722	Thesis	6(6-0)
ZOL-723	Special Problem	1(1-0)
ZOL-724	Term Paper (Review Article, Special problem)	3(3-0)
ZOL-725	Seminar	2(2-0)
ZOL-726	Journal Club	2(2-0)
ZOL-727	Applied Fisheries	3(2-1)
ZOL-728	Limnology	3(2-1)
ZOL-729	Ichthyology	3(2-1)
ZOL-730	Advances in Aquaculture-I	3(2-1)
ZOL-731	Advances in Aquaculture-II	3(2-1)
ZOL-732	Advances in Fish Genetics	3(2-1)
ZOL-733	Biotechnology in Aquaculture	3(2-1)
ZOL-734	Fish Biology	3(2-1)
ZOL-735	Fish Ecology	3(2-1)
ZOL-736	Fish Bioenergetics	3(2-1)
ZOL-737	Fisheries Management	3(2-1)
ZOL-738	Environmental Biology of Fishes	3(2-1)
ZOL-739	Chemical Biology of Fishes	3(2-1)
ZOL-740	Techniques in Fisheries Management	3(2-1)
ZOL-741	Fisheries resources and development	2(2-0)
ZOL-742	Nutrients requirement and metabolism in fish	4(3-1)

ZOL-743	Bio-economics of fisheries resources	2(2-0)
ZOL-744	Fish biotechnology/Aquaculture biology	3(2-1)
ZOL-745	Fish Hatchery Management	3(2-1)
ZOL-746	Fishing Gear Technology	3(2-1)
ZOL-747	Medical Entomology	3(2-1)
ZOL-748	Economic Entomology	3(2-1)
ZOL-749	Environmental Entomology	3(2-1)
ZOL-750	Animal Pest and disease producing organisms	3(2-1)
ZOL-751	Advanced integrated pest management-I	3(2-1)
ZOL-752	Advanced integrated pest management-II	3(2-1)
ZOL-753	Insects and Wildlife-I	3(2-1)
ZOL-754	Insects and Wildlife-II	3(2-1)
ZOL-755	Biology and Control of Vertebrate Pests	3(2-1)
ZOL-756	Vector Biology	3(2-1)
ZOL-757	Mammalogy	3(2-1)
ZOL-758	Ornithology	3(2-1)
ZOL-759	Herpetology	3(2-1)
ZOL-760	Wildlife Damage Management	3(3-0)
ZOL-761	Applied Population Ecology	3(3-0)
ZOL-762	Geographical Information System in Wildlife Management	3(3-0)
ZOL-763	Wildlife Conservation Biology	3(3-0)
ZOL-764	Wildlife Diseases and their Management	3(2-1)
ZOL-765	Parasitic Diseases of Wild Mammals	3(2-1)
ZOL-766	Wildlife Management-I (Wetlands)	3(2-1)
ZOL-767	Wildlife Management-II (Terrestrial)	3(2-1)
ZOL-768	Wildlife Food and Foraging	3(3-0)
ZOL-769	Wild Fish Fauna of Pakistan	3(3-0)
ZOL-770	Eco-Tourism Planning and Management	3(3-0)
ZOL-771	Range Management	3(2-1)
ZOL-772	Park Management	2(2-0)
ZOL-773	Protected Areas and their Management	3(3-0)





Faculty of

Pharmaceutical Sciences



1- Department of Basic Medical Sciences
Prof. Dr. Khwaja Zafar Ahmed, Coordinator

2- Department of Pharmaceutical Chemistry
Dr. M.I. Qadir, Coordinator

3- Department of Pharmacy Practice
Dr. Muhammad Naeem Aamir, Coordinator

4- Department of Pharmaceutics
Dr. Muhammad Irfan, Coordinator

5- Department of Pharmacognosy
Dr. Khizar Abbas, Coordinator



Programs Offered

Pharm.D (Doctor of Pharmacy)
Accredited by Pharmacy Council of Pakistan
5 Years Professional Degree

Prof. Dr. Khwaja Zafar Ahmed

Supervisory Officer

Faculty of Pharmaceutical Sciences

Faculty of Pharmaceutical Sciences

Contact: 041-9201036, 041-9200066-70, Ext: 257

Email: pharmacy@gcuf.edu.pk

Vision

To be the preeminent College of Pharmacy where leaders in practice, education, and research are developed and nurtured in order to build pharmacists proficient in their knowledge of medicines who are capable for using this knowledge and can meet professional challenges.

Mission

To provide holistic study with intellectual, spiritual, emotional, social, cultural and physical development. Students are encouraged to develop knowledge, values and skills which will enrich lives and prepare them to provide services to national and international communities.

Introduction

Pharmacy is a life saving health profession. Significant changes in the national healthcare systems worldwide have also fuelled critical review for ensuring that the services provided in a modern healthcare system are of appropriate quality. This concept has totally revolutionized the service providing approach of the Pharmacy profession which has developed into a multi-disciplinary high quality practice internationally. The development of potent synthetic drugs has substantially shifted the responsibility of Pharmacists towards appropriate use of modern medicines so as to ensure optimum drug therapy and protecting the public from associated adverse reactions. It is therefore necessary to prepare and groom pharmacists who believe firmly in the philosophy of pharmacy, are prepared to accept the professional and moral responsibility and are ready to be accountable for the actions they have taken.

The College of Pharmacy was established in the GC University, Faisalabad in the year 2005. It was upgraded to College of Pharmacy in 2010 and is offering a five year Pharm.D degree programme.

Objectives

- To impart state of the art education to students, who shall become experts on medication so as to meet the needs of the end users in an active and useful manner, both within the country and abroad.
- To disseminate knowledge and emphasize fundamental principles of pharmaceutical sciences and to develop the ability to apply these principles to specific problems in pharmaceutical sciences.
- To understand how medicines are synthesized, developed, manufactured and brought to the market place.
- To be able to supply medicines to patients in accordance with pharmaceutical knowledge, legislation

and codes of professional conduct and practice.

- To know about the principles of quality assurance in all aspects of scientific and professional activities.
- To get comprehensive knowledge of research methodologies relevant to natural clinical and pharmaceutical sciences.
- To conduct graduate and post graduate education and research leading to higher degrees in pharmaceutics, pharmaceutical microbiology, pharmacology and pharmacognosy.



Faculty

Prof. Dr. Khwaja Zafar Ahmed

B.Pharm (KU), M.Phil., Ph.D. (Nottingham, UK) MPPS., FRSH. (London), R.Ph.
HEC Approved Supervisor
Supervisor Officer / Coordinator
Professor
Specialization: Pharmacology

Dr. Muhammad Irfan

B.Pharm (PU), M.Phil (UVAS), PhD (Germany), R.Ph.
Assistant Professor /Coordinator
Specialization: Pharmaceutical Technology

Dr. Muhammad Naeem Aamir

B.Pharm, M.Phil, Ph.D (IUB), R.Ph.
HEC approved supervisor
Assistant Professor / Coordinator
Specialization: Pharmaceutics

Dr. Muhammad Imran Qadir

B.Pharm. (BZU), M.Phil., (QAU), M.D (AM. Sirilanka), Ph.D. (QAU), R.Ph., RMP (Homeo)
Assistant Professor / Coordinator
Specialization: Biochemistry

Dr. Akhtar Rasul

B.Pharm (BZU), M.Phil (BZU), Ph.D (IUB), R.Ph.
HEC Approved Supervisor
Assistant Professor
Specialization: Pharmaceutics

Mr. Muhammad Saleem

B.Pharm., (PU), MS (USA), R.Ph
Assistant Professor
Specialization: Pharmacology

Uzma Saleem

B.Pharm (PU), M.Phil (PU)
Assistant Professor (On study leave)

Sana Inam

Pharm.D (PU), M.Phil (GCUF), R.Ph
Assistant Professor
Specialization: Pharmaceutics

Mohsin Ali

B.Pharm (PU), M.Phil (GCUF), R.Ph
Assistant Professor
Specialization: Pharmaceutical Chemistry

Liaqat Hussain

B.Pharm (BZU), M.Phil., (BZU), R.Ph
Assistant Professor
Specialization: Pharmacology

Muhammad Yasir Ali

B.Pharm (IUB), M.Phil., (IUB), R.Ph
Assistant Professor
Specialization: Pharmaceutical Technology

Usman Arshad

B.Pharm (BZU), M.Phil., (BZU), R.Ph
Assistant Professor
Specialization: Pharmacology

Asif Massud

B.Pharm (BZU), M.Phil., (BZU), R.Ph
Lecturer
Specialization: Pharmaceutics

Haroon Khalid

B.Pharm (BZU), M.Phil., (BZU), R.Ph
Lecturer (On PhD study Leave)

IkramUllah Khan

B.Pharm (PU), M.Phil., (BZU), R.Ph
Lecturer (On PhD study leave)

Noor Ul Amin Mohsin

B.Pharm (PU), M.Phil., (PU), R.Ph
Lecturer (On PhD study leave)

Sajid Asghar

B.Pharm (BZU), M.Phil., (BZU), R.Ph
Lecturer (On PhD study leave)

Sajid Hamid Akash

B.Pharm (BZU), M.Phil., (BZU), R.Ph
Lecturer (On PhD study leave)

Amna Parveen

Pharm.D, R.Ph
Lecturer (On PhD study Leaves)

Ayesha Sethi

B.Pharm (IUB), M.Phil., (IUB), R.Ph
Lecturer (On PhD study Leave)

Ghulam Abbas

Pharm.D (BZU), M.Phil (GCUF), R.Ph
Lecturer
Specialization: Pharmaceutics/ Clinical Pharmacy

Khizar Abbas

Pharm.D (BZU), M.Phil (PU), R.Ph.
Lecturer / Coordinator
Specialization: Pharmacognosy

Umber Saleem

Pharm.D (UOS), M.Phil., (UVAS), R.Ph
Lecturer (On Ph.D study Leave)
Specialization: Pharmacology

Shumaila Mehdi

Pharm.D (IUB), M.Phil., (IUB), R.Ph
Lecturer
Specialization: Pharmacology

Ikrima Khalid

B.Pharm (IUB), M.Phil., (IUB), R.Ph
Lecture
Specialization: Pharmaceutics

Muhammad Riaz

Pharm.D (UOS), M.Phil (UAF), R.Ph.
Lecturer
Specialization: Pharmacology

Rizwan Rashid Bazmi

Pharm.D (GCUF), M.Phil (BZU), R.Ph.
Lecturer
Specialization: Pharmaceutical Chemistry

Shams ul Hassan

B.Pharm (IUB), M.Phil (IUB), R.Ph.
Lecturer
Specialization: Pharmaceutics

Abid Mahmood

Pharm.D (BZU), M.Phil (BZU), R.Ph.
Lecturer
Specialization: Pharmaceutical Chemistry

Ammara Saleem

Pharm.D (BZU), M.Phil (UVAS), R.Ph.
Lecturer
Specialization: Pharmacology

Usman Saleem

B.Pharm (PU), M.Phil (PU), R.Ph.
Lecturer
Specialization: Pharmaceutics

Atif Usman

B.Pharm (BZU), MS (USM, Malaysia)
Lecturer (Clinical Pharmacist)
Specialization: Clinical Pharmacy

Humaira Gul

BSc. B.Pharm (BZU), M.Phil (GCUF), R.Ph
Research Officer
Specialization: Pharmacology

Maryam Farrukh

Pharm.D (GCUF), R.Ph.
Pharmacist (On study leave)

Aisha Quyyum

Pharm.D (GCUF), R.Ph.
Pharmacist

Bushra Nawaz Cheema

Pharm.D (GCUF), R.Ph.
Pharmacist

Anam Adil

Pharm.D, R.Ph
Demonstrator

Ayesha Ahmed

Pharm.D, R.Ph
Teaching Assistant

Saba Javed

Pharm.D (UOS), R.Ph.
Demonstrator



Scheme of Studies

Pharm-D

Semester 1

ENG 300	English-A (Functional English)	2
PHARM 310	Pharmaceutics-IA (Physical Pharmacy)	3+1
PHARM 311	Pharmaceutical Chemistry-I A (Organic)	3+1
PHARM 312	Pharmaceutical Chemistry-II A (Biochemistry)	3+1
PHARM 313	Physiology-A	3+1
PHARM 314	Anatomy & Histology	3+1

Semester 2

ENG 301	English-B (Communication & Writing skills)	4
PHARM 315	Pharmaceutics-IB (Physical Pharmacy)	3+1
PHARM 316	Pharmaceutical Chemistry-IB (Organic)	3+1
PHARM 317	Pharmaceutical Chemistry-IIB (Biochemistry)	3+1
PHARM 318	Physiology-B	3+1

Semester 3

IS 402	Islamic Studies	3
PHARM 410	Pharmaceutics-IIA (Dosage Form Science)	3+1
PHARM 411	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology)	3+1
PHARM 412	Pharmacology and Therapeutics-IA	3+1
PHARM 413	Pharmacognosy-IA (Basic)	3+1
PHARM 414	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3

Semester 4

PS 403	Pakistan Studies	2
PHARM 415	Pharmaceutics-IIB (Dosage Form Science)	3+1
PHARM 416	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	3+1
PHARM 417	Pharmacology and Therapeutics-IB	3+1
PHARM 418	Pharmacognosy-IB (Basic)	3+1
PHARM 419	Pharmacy Practice-IB (Bio-statistics)	3

Semester 5

PHARM 510	Pharmacy Practice-IIA (Dispensing Pharmacy)	3+1
PHARM 511	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	3+1
PHARM 512	Pharmacology and Therapeutics-IIA	3+1
PHARM 513	Pharmacognosy-IIA (Advanced)	3+1
PHARM 514	Pathology	3+1

Semester 6

PHARM 515	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	3
PHARM 516	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	3+1
PHARM 517	Pharmacology and Therapeutics-IIB	3+1
PHARM 518	Pharmacognosy-IIB (Advanced)	3+1
PHARM 519	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	3+1

Semester 7

PHARM 610	Pharmacy Practice-IVA (Hospital Pharmacy)	3
PHARM 611	Pharmacy Practice-VA (Clinical Pharmacy)	3+1
PHARM 612	Pharmaceutics-IVA (Industrial Pharmacy)	3+1
PHARM 613	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics)	3+1
PHARM 614	Pharmaceutics-VIA (Pharmaceutical Quality Management)	3+1

Semester 8

PHARM 615	Pharmacy Practice-IVB (Hospital Pharmacy)	3
PHARM 616	Pharmacy Practice-VB (Clinical Pharmacy)	3+1
PHARM 617	Pharmaceutics-IVB (Industrial Pharmacy)	3+1
PHARM 618	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics)	3+1
PHARM 619	Pharmaceutics-VIB (Pharmaceutical Quality Management)	3+1

Semester 9

PHARM 710	Pharmaceutics-VIIA (Pharmaceutical Technology)	3+1
PHARM 711	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	3+1
PHARM 712	Pharmacy Practice-VIIA (Forensic Pharmacy)	3
PHARM 713	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing)	3
PHARM 714	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	3+1

Semester 10

PHARM 715	Pharmaceutics-VIIB (Pharmaceutical Technology)	3+1
PHARM 716	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	3+1
PHARM 717	Pharmacy Practice-VIIB (Forensic Pharmacy)	3
PHARM 718	Pharmacy Practice-VIIIB (Pharmaceutical	3

	Management & Marketing)	
PHARM 719	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	3+1

Credit Hours Summary

Pharm.D. Professional	1 st Semester Cr. Hr.	2 nd Semester Cr. Hr.	Total Cr. Hr.
1 st	22	20	42
2 nd	22	21	43
3 rd	20	19	39
4 th	19	19	38
Final	18	18	36
Total	101	97	198

Future Plans

In near future, we are planning to develop and conduct a comprehensive hospital, clinical and community pharmacy programs. The purpose of this training is to enable the students to have sound knowledge and practical exposure to hospital and its organization.

a) Training in Hospital Pharmacy: The students should know dispensing to inpatients, ambulatory patients, out-patients. Purchasing, distribution & control of hospital medicines, medical and surgical supplies. To acquire knowledge about wards with reference to patient history, prescribing patterns and drug interactions.


b) Clinical Pharmacy Clerkship: The main aim and objectives of this clerkship programme is to enable students. To integrate the knowledge acquired in course work prior to clinical exposure, and to apply it to the solution of real problems. To develop communication skills for effective interaction with patients and other health care practitioners.

c) Training in Community Pharmacy: The main goals and objectives is to produce professionally competent pharmacists and to serve the community as a drug specialist.



Faculty of

Engineering



1- Department of Environmental Sciences & Engineering

2- Department of Electrical Engineering

3 Department of Information Technology

4- Department of Software Engineering



Programs Offered

- BS Environmental Science
- M.Sc. Environmental Science
- M.Phil. Environmental Science
- M.Phil. Environmental Engineering
- Ph.D. Environmental Science

Chairperson: Prof. Dr. Farhat Abbas

Department of Environmental Sciences & Engineering

Contact: 041-9201566, 041-9200066-70, Ext: 241

Email: envsci@gcuf.edu.pk

Mission

The mission of the Department is to make people aware of the hazards of environmental pollution and other related issues and offer viable solutions to these problems. Since the year 2013, the department is offering M.Phil Environmental Engineering degree to provide the professional engineers with the opportunities to develop a greater competency in major areas of Environmental Engineering. Courses for the degree have been designed to deliver a sound theoretical knowledge and practical expertise of scientific and engineering principles that would enable engineers to effectively address the local to global environmental issues.

Objective

The objective of the department is to highlight the fact that Environmental Science is a multidisciplinary subject

combining natural processes, physical environment and human activities. The knowledge and skills acquired through studying Environmental Science is critical to the attainment of sustainable development and sound environmental management of ecosystem.

Introduction

Environmental pollution is an issue of utmost importance globally. The awakening of environmental awareness has led to massive changes. Industry is facing tougher regulations regarding the safety and environmental acceptability of its products. Research opportunities in Environmental Sciences are growing as new programmes open up to tackle local, national, regional or global problems of Environmental Sciences at both theoretical and applied levels.

Understanding and assessing the myriad of environmental problems and devising national strategies and methods for their control are one of the

major international challenges of the modern technological world. There is a global demand for pollution abatement which requires a sound technical knowledge of factors and processes, including Earth and Agricultural Sciences, Chemistry, Biology, Pharmacy, Medicine and Engineering, and the development of new disciplines like Environmental Toxicology and Risk Assessment. It requires to evolve and develop programmes at undergraduate and postgraduate levels, involving elements and fundamental principles of Medicine, Engineering and Science with a practical approach to solve issues of the developing countries. Hence, degree programmes in Environmental Sciences will bridge the gap existing between disciplines. As a result of the implementation of the Government's policy on health, environment and controlling environmental pollution, there shall be a great demand for technical and consultative services. By introducing the discipline of Environmental Sciences, we shall be able to produce professionals capable of doing technical and

consultative work related to environmental and natural history studies and would replace foreign consultants. The challenges of the 21st century would require advance research and activities in the field of Environmental Sciences. It is, therefore, necessary to develop the research facilities in order to cope with future demands.



Faculty

Dr. Farhat Abbas

Ph.D. Agricultural Engineering (Newcastle, UK)
Professor & Chairman
Specialization: Climate Change Extremes, Carbon Sequestration/crediting, GIS Applications

Dr. Muhammad Siddique

Ph.D. (PU), Post doctorate
Assistant Professor (on Post-Doc Leave)
Specialization: Biotechnology

Dr. Sabir Hussain

M.Phil (France) Ph.D. (France)
Assistant Professor
Specialization: Microbial Biodegradation of Environmental Pollutants

Dr. Tahira Yasmeen

Ph.D. (QAU)
Assistant Professor
Specialization: Plant microbial ecology and Biotechnology

Dr. Muhammad Saleem Arif

Ph.D. (UAF)
Assistant Professor
Specialization: Soil Biology and Biogeochemistry, Sustainable Agro-ecology

Dr. Muhammad Riaz

Ph.D. (U.K.)
Assistant Professor
Specialization: Biogeochemical nutrient cycling; Biochar and carbon sequestration

Dr. Shafaqat Ali

Ph.D. (ZJU, China)
Assistant Professor
Specialization: Phytotoxicity and Phytoremediation of environmental pollutants, Biochar

Dr. Hina Rizvi

Ph.D. (PU)
Assistant Professor
Specialization: Water and wastewater analysis and Treatment, AOPs, EIA

Dr. Muhammad Adrees

Ph.D. (Imperial College, London)
Assistant Professor
Specialization: Nitrogen and Ozone Pollution, Climate change impact studies

Dr. Tanvir Shahzad

Ph.D. (France)
Assistant Professor
Specialization: Biogeochemistry, Biochar, Ecosystem carbon and nitrogen cycling

Dr. Muhammad Iqbal

Ph.D. (Austria)
Assistant Professor
Specialization: Soil Microbiology & Biochemistry, Bioremediation, Biogeochemistry of trace elements

Dr. Muhammad Rizwan

Ph.D. (France)
Assistant Professor
Specialization: Phytotoxicity and Phytoremediation of environmental pollutants, Biochar

Dr. Faisal Mahmood

Ph.D. (France)
Assistant Professor
Specialization: Crop modelling

Dr. Muhammad Ibrahim

Ph.D. (UAF), Postdoctoral research (South Korea)
Assistant Professor
Specialization: Soil and Environmental Sciences

Dr. Saima Aslam Bharwana

Ph.D. (GCUF)
Assistant Professor
Specialization: Phytotoxicity and Phytoremediation of heavy metals, OHS, EIA

Dr. Ghazala

Ph.D. (GCUF)
Assistant Professor
Specialization: Toxicology

Ms. Zaib-un-Nisa

M.Phil (GCUF)
Lecturer
Specialization: Biodiversity

Ms. Shamaila Noreen

M.Phil (GCUF)
Lecturer (on study leave)
Specialization: Environmental Sciences

Ms. Huma Saeed

M.Phil (GCUF)
Lecturer (on study leave)
Specialization: Environmental Sciences

Ms. Saadia Hina

M.Phil (GCUF)
Lecturer
Specialization: Pollution monitoring, EIA

Ms. Aaifa Chaudhary

MS (PU)
Lecturer
Specialization: Air Pollution and EMS

Mr. Muhammad Kashif Irshad

M.Sc.(Hons)(UAF)
Lecturer
Specialization: Soil & Environmental sciences

Mr. Zaheer Abbas Virk

M.Sc.(Hons.) (UAF)
Lecturer
Specialization: Soil Chemistry and Reclamation of polluted environment



Scheme of Studies

BS Environmental Science

Semester 1

ENV-301	Introduction to Environmental Science	3(3-0)
ENV-303	Biology-I	3(2-1)
CHM-305	Basic Chemistry	3(2-1)
ENG-321	English-I(EAP)	3(3-0)
PST-322	Pakistan Studies (Compulsory)	2(2-0)
MTH-329	Mathematics	3(3-0)

Semester 2

ENV-302	Introduction to Earth Sciences	3(2-1)
ENV-304	Biology-II	3(2-1)
ENV-306	Environmental Anthropology	3(3-0)
ISL-302	Islamic Studies (Compulsory)	2(2-0)
ENG-322	English-II (Reading, Writing, Speaking & Listening Skills)	3(3-0)
STT-351	Introduction to Statistical Theory	3(3-0)

Semester 3

ENV-401	Environmental Chemistry	3(2-1)
ENV-403	Environmental Physics	3(2-1)
ENV-405	Philosophy	3(3-0)
ECO-421	Introductory Economics	3(3-0)
ENG-421	English –III (Communication Skills)	3(3-0)
CSI-421	Introduction to Computer	3(1-2)

Semester 4

ENV-402	Fundamentals of Ecology	3(3-0)
ENV-404	Environmental Microbiology	3(2-1)
ENV-406	Environmental Pollution	3(3-0)
ENV-408	Climatology	3(3-0)
PSY-422	Psychology	3(3-0)
ENG-422	English–IV (Technical Writing)	3(3-0)

Semester 5

ENV-501	Applied Ecology	3(2-1)
ENV-503	Environmental Toxicology	3(2-1)
ENV-505	Environmental Profile of Pakistan	3(3-0)
ENV-507	Environmental Economics	3(3-0)
ENV-509	Analytical Techniques in Environmental Science	3(1-2)
ENV-511	Elective-I	3(3-0)

Semester 6

ENV-502	Environmental Biotechnology	3(2-1)
ENV-504	GIS & Remote Sensing	4(2-2)
ENV-506	Environmental Management Systems	3(3-0)

ENV-508	Biodiversity & Conservation	3(3-0)
ENV-510	Environmental Monitoring	3(2-1)
ENV-512	Elective-II	3(3-0)

Semester 7

ENV-601	Climate Change	3(3-0)
ENG-603	Environmental Impact Assessment	3(3-0)
ENV-605	Natural Resource Management	3(3-0)
ENV-607	Research Methods in Environmental Science	3(3-0)
ENV-609	Elective –III	3(3-0)
ENV-611	Elective-IV	3(3-0)

Semester 8

ENV-602	Environmental Laws & Policies	3 (3-0)
ENV-604	Health and Environment	3 (3-0)
ENV-606	Pollution Control Technologies	3 (2-1)
ENV-631	Research Project / Internship/ Elective-V	6
632-633	and VI	

Elective Courses

E-1	Introduction to Biochemistry	3(3-0)
E-2	Water Resources Management	3(2-1)
E-3	Soil and Environment	3(3-0)
E-4	Urban Environments	3(3-0)
E-5	Urban Planning and Management	3(2-1)
E-6	Disaster Management	3(3-0)
E-7	Energy and Environment	3(3-0)
E-8	Agro Ecology	3(2-1)

Research projects will be offered to the students with 85% or above marks (till semester 6). Students securing less than 85% marks will study two additional elective courses- V and VI (each of 3 credit hours) instead of research work.

M.Sc. Environmental Science

Semester 1

ENV -551	Introduction to Environmental Sciences	3(3-0)
ENV -553	Biology	3(2-1)
ENV -555	Chemistry of Environment	3(3-0)
ENV -557	Fundamentals of Ecology	3(3-0)
ENV -559	Environment Pollution Measurement and Assessment -1	2(0-2)
ENV-561	Fundamentals of Earth Sciences	3(3-0)
MTH-575	Basic Mathematics	3 (3-0)

Semester 2

ENV-552	Environmental Biotechnology (theory and practical)	3(2-1)
ENV-554	Environmental Microbiology (theory and	3(2-1)

	practical)	
ENV-556	Physics of the Environment	3(3-0)
ENV-558	Introductory Statistics	3(2-1)
ENV-560	Water and Wastewater Treatment	3(3-0)
ENV-562	Environmental Pollution Measurement and Assessment-II	2(0-2)
ENV-564	Population Dynamics and Environment	2(2-0)

Semester 3

ENV -651	Occupational Health and safety	3(3-0)
ENV -653	Pollution Control Technologies	3(2-1)
ENV -655	Environmental Impact Assessment	3(2-1)
ENV -657	Environmental Engineering	2(2-0)
ENV -659	Environmental Economics	2(2-0)
ENV -661	Social Theory of Environment	2(2-0)
ENV -663	Remote Sensing and GIS	3(3-0)

Semester 4

ENV -652	Environmental Analytical techniques	3 (2-1)
ENV -654	Project Management	2 (2-0)
ENV-680	Thesis	6

M.Phil. Environmental Science

Semester 1

The students must take two core courses and two elective courses (Total Credit Hours = 12)

Semester 2

The students must take two courses from the list of core courses and two courses from the list of elective courses (Total Credit Hours = 12)

Semester 3

ENV-728	General Seminar	1(1-0)
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Semester 4

ENV-729	Research Seminar	1(1-0)
ENV-730	THESIS	6(6-0)

Core Courses

ENV-701	Environmental Governance	3(3-0)
ENV-702	Environment Analytical Techniques	3(3-0)
ENV-703	Environment Impact Assessment	3(3-0)
ENV-704	Project Development & Management	3(3-0)
ENV-705	Occupational Safety and Environment	3(3-0)
ENV-706	Environmental Management Systems	3(3-0)
ENV-707	Energy and Environment	3(3-0)
ENV-708	Climate Change	3(3-0)
ENV-709	Advance in Plant Ecology	3(3-0)
ENV-710	Biological Conservation	3(3-0)

ENV-711	Wildlife Forestry and wetland Conservation and Management	3(3-0)
ENV-712	Advanced Urban Ecology and Management	3(3-0)

Elective Courses

ENV-713	Environmental Chemistry	3(3-0)
ENV-714	Applied Environmental Microbiology	3(3-0)
ENV-715	Freshwater Ecology(Limnology)	3(3-0)
ENV-716	Environmental Sociology	3(3-0)
ENV-717	Environmental Geology	3(3-0)
ENV-718	Marine Pollution	3(3-0)
ENV-719	Epidemiology	3(3-0)
ENV-720	Environmental Biotechnology	3(3-0)
ENV-721	Wildlife Forestry and wetland Management	3(3-0)
ENV-722	Watershed Management	3(3-0)
ENV-723	Environmental Auditing	3(3-0)
ENV-724	Vegetation Ecology	3(3-0)
ENV-725	Alternative energy sources	3(3-0)
ENV-726	Cleaner Production Technology	3(3-0)
ENV-727	Solid and Hazardous Waste Management	3(3-0)
ENV-731	Environment Economics	3(3-0)
ENV-732	Remote Sensing & GIS Applications in Environment	3(3-0)
ENV-733	Environment Risk Assessment	3(3-0)
ENV-734	Principles and Applications of Bioremediation	3(3-0)
ENV-735	Environment Engineering	3(3-0)
ENV-736	Sustainable Urban Planning and Management	3(3-0)
ENV-737	Natural Resource Conservation	3(3-0)
ENV-738	Sustainable Agriculture, Transport and Industrial Production	3(3-0)
ENV-739	Industrial Ecology	3(3-0)
ENV-740	Sustainable Development	3(3-0)

M.Phil. Environmental Engineering

Semester 1

The students must take two core courses and two elective courses (Total Credit Hours = 12)

Semester 2

The students must take two courses from the list of core courses and two courses from the list of elective courses (Total Credit Hours = 12)

Semester 3

ENE-722	General Seminar	1(1-0)
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Semester 4

ENE-723	Research Seminar	1(1-0)
ENE-724	THESIS	6(6-0)

Core Courses

ENE-701	Principles of Environmental Engineering	3(3-0)
ENE-702	Environmental Engineering Analytical Techniques	3(1-2)
ENE-703	Solid Waste Engineering and Management	3(2-1)
ENE-704	Physico-chemical Processes in Environmental Engineering	3(3-0)
ENE-705	Wastewater Engineering and Design	3(3-0)
ENE-706	Air Pollution Control Engineering	3(2-1)
ENE-707	Environmental Management and Impact Assessment	3(2-1)
ENE-708	Bioreactor, Biotechnology for Environment	3(3-0)
ENE-709	Renewable Energy Resource Engineering	3(2-1)

Elective Courses

ENE-710	Water Resource Engineering	3(2-1)
ENE-711	Ecology and Risk Assessment	3(3-0)
ENE-712	Environmental Health and Safety Engineering	3(3-0)
ENE-713	Water Supply and Wastewater Engineering	3(2-1)
ENE-714	Water Quality Modeling	3(3-0)
ENE-715	Marine Pollution and Control	3(3-0)
ENE-716	Modeling of Environmental System	3(3-0)
ENE-717	Agricultural Pollution Control Engineering	3(3-0)
ENE-718	Remote Sensing and GIS	3(2-1)
ENE-719	Advance Analytical Techniques	3(1-2)
ENE-720	Environmental Remediation Engineering	3(3-0)
ENE-721	Special Topics in Environmental Engineering	3(3-0)
MTH-741	Applied Mathematics for Environmental Engineers	3(3-0)

Eligibility Criteria for M.Phil Environmental Engineering

1. BSc (4-Year) Engineering/BE in relevant field from PEC and HEC Recognized institute of Pakistan or abroad
2. Minimum CGPA of 2.5 out of 4.00 OR 2nd division in terminal Degree (annual system) per university rule.

Ph.D. Environmental Science

Semester 1

ENV-801	Environmental Degradation	3(3-0)
ENV-802	Agro- biodiversity & its Conservation	3(3-0)
ENV-803	Research Methodology in Environmental Science	3(3-0)

Semester 2

	Elective Course-1	3(3-0)
	Elective Course -2	3(3-0)
	Elective Course -3	3(3-0)

Semester 3

ENV-828	General Seminar	1(1-0)
ENV-829	Research Seminar	1(1-0)

Semester 4-6

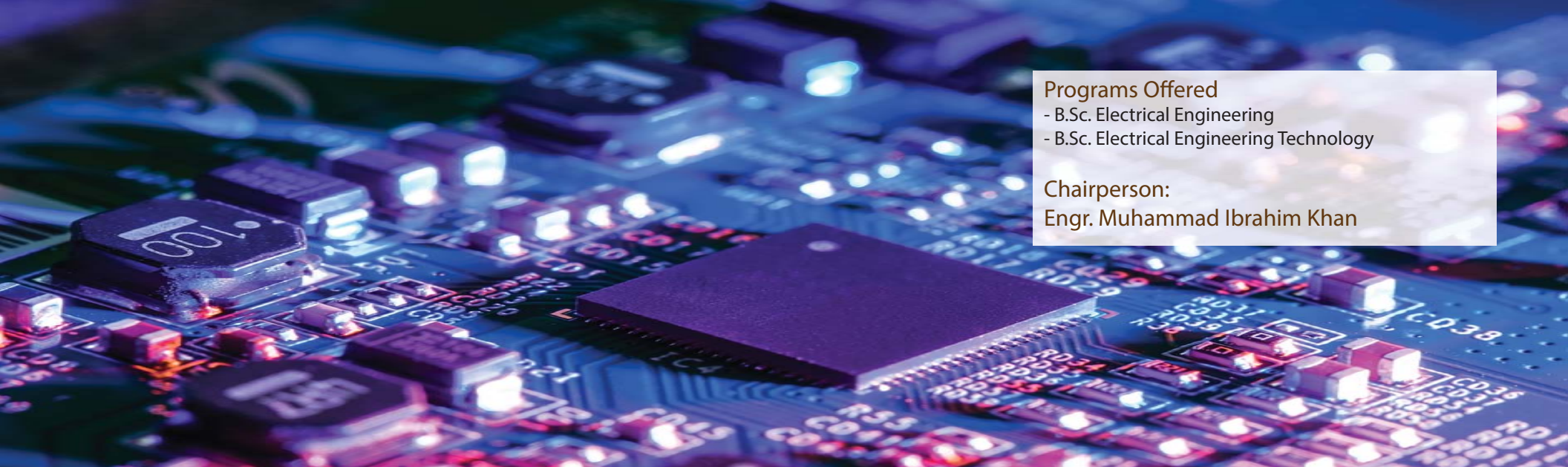
ENV-830	THESIS	
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Elective Courses

ENV-804	Environmental Biotechnology	3(3-0)
ENV-805	Environmental Toxicology	3(3-0)
ENV-806	Quality Assurance and Quality Control	3(3-0)
ENV-807	Special Topic in Environment Science	3(3-0)
ENV-808	Advanced Chromatography Techniques - I	3(3-0)
ENV-809	Advanced Chromatography Techniques -II	3(3-0)
ENV-810	Conservation of Natural Resources	3(3-0)

The students may also opt elective courses from the courses specified for post graduate (M.Phil.) Environmental Sciences programme.





Programs Offered

- B.Sc. Electrical Engineering
- B.Sc. Electrical Engineering Technology

Chairperson:

Engr. Muhammad Ibrahim Khan

Department of Electrical Engineering

Contact: 041-9201565, 041-9200066-70, Ext: 138

Email: telecom@gcuf.edu.pk

Vision

The vision of the department is not only to embrace the rapid changes taking place in the Electrical Engineering sector but also to contribute to it through research and innovations.

Mission

The mission of the Department of Electrical Engineering is to prepare individuals capable of responding to the rapidly changing field of technology. The telecom and power industry has witnessed unprecedented growth in the recent years and it is still growing. It is imperative that our students develop the necessary expertise to grasp this change.

Introduction

The Department of Electrical Engineering aims to provide highly skilled professionals to cope with the demands of ever-growing Telecommunication sector and Energy sector in the country.

The Department has laboratories well-equipped with the latest instruments in order to follow the techniques of National Instruments (NI) Corporation of USA, with a view to enable students to simulate and implement solutions.

The students are given hands on experience in the following laboratories:

1. Telecommunication Design.
2. Advance Digital and Electronics.
3. Virtual Instrumentation and DSP.
4. Computer Interfacing & Industrial Automation.
5. Advance Research and Design.
6. RF & Microwave Lab.

7. Project Lab.
8. Machines Lab
9. Power Electronics Lab
10. Measurement and Instrumentation Lab

This department offers following programs which spans over eight semesters. A working liaison has been established with the industry and other leading telecommunication organizations in the country.

Programs Offered

Engineering Programs

B.Sc Electrical Engineering
(Telecommunication)(Morning) 4 years(8 Semesters)

Engineering Technology Programs

B.Sc Electrical Engineering Technology (Evening)
4years (8 Semesters)

Alongside classroom theory lessons, the students are provided complete practical training in the field of Circuit Design, Digital Signals Processing, and RF hardware with modulation tool kits in these states of art laboratories with the help of software and hardware defined techniques. Students are also encouraged to focus on Digital Layers concept of Communication Systems. These Labs with their flexible use and high quality NI hardware, can innovate students in learning and research projects. The department enjoys the facility of a Library and access to the latest engineering field text books, which is sufficient to quench students' thirst of knowledge. This will help students to rise to the optimum standards of academic achievement and to serve nation in the field of telecommunication and Power engineering with better achievements.

Alongside classroom theory lessons, the students are provided complete practical training in the field of Circuit Design, Digital Signals Processing, and RF hardware with modulation tool kits in these states of art laboratories with the help of software and hardware defined techniques. Students are also encouraged to focus on Digital Layers concept of Communication Systems. These Labs with their flexible use and high quality NI hardware, can innovate students in learning and research projects. The department enjoys the facility of a Library and access to the latest engineering field text books, which is sufficient to quench students' thirst of knowledge. This will help students to rise to the optimum standards of academic achievement and to serve nation in the field of telecommunication and Power engineering with better achievements.

Faculty

Engr. Muhammad Ibrahim Khan

Assistant Professor / Incharge
M. Sc. Elect Engg, B.Sc Engg, PhD Scholar
Specialization: Power

Engr. Abdul Rauf Bhatti

Assistant Professor
M.Sc Elect Engg, B.Sc Engg, PhD Scholar
Specialization: Photovoltaic systems (PV system)

Engr. Hafiz Muhammad Kamran Ishfaq

Assistant Professor
PhD Scholar, M.Sc Engg, B.Sc Engg
Specialization: Antenna and Microwave

Engr. Moazzam Mehmood

Assistant Professor
B.Sc Engg, M.Sc Scholar
Specialization: Power

Engr. Farah Batool

Lecturer
B.E Elect, M.Sc Engg Scholar
Specialization: Electronics

Engr. Nouman Safdar

Lecturer
B.Sc Engineering, M.Sc Engg Scholar
Specialization: Power Systems

Engr. Omar Majid

Lecturer
B.Sc Engg, M.Sc Engg (Aus)
Specialization: Telecom Management

Engr. Taufeeq Liaqat

Lecturer
B.Sc Engg, M.Sc Engg Scholar
Specialization: Computer Networks

Engr. Rehan Liaqat

Lecturer
B.Sc Engg, M.Sc Engg Scholar
Specialization: Power

Engr. Ubaidullah

Lecturer
B.Sc Engg, M.Sc Engg
Specialization: Communication and Signal Processing

Syed Zeeshan Haider

Lecturer
M.Sc Elect. Engg (Sweden)
Specialization: Signal Processing

Engr. Abdul Ghafoor Bhatti

Lecturer
B.Sc Engg, M.Sc Engg, PhD Scholar
Specialization: Mechanical Engg.

Engr. Muhammad Bilal

Lecturer
B.Sc Engg, M.Sc Engg, PhD Scholar
Specialization: Embedded Systems

Engr. Ali Raza

Lecturer
B.Sc Engg, M.Sc Engg Scholar
Specialization: Electronics

Engr. Ahsan Noor Khan

Lecturer
B.Sc Engg, M.Sc Engg Scholar
Specialization: Telecommunication

Engr. Hussain Raza Qasim

Lecturer
B.Sc Engg, M.Sc Scholar
Specialization: Telecommunication

Engr. Waqar Aziz

Lecturer
B.Sc Engg, M.Sc Engg Scholar
Specialization: Telecommunication

Engr. Arsalan Ahmad

Lecturer
B.Sc Engg, M.Sc Engg
Specialization: Aeronautics

Engr. Abdul Maalik

Lecturer
B.Sc Engg, M.Sc Engg Scholar
Specialization: Telecommunication

Engr. Abu bakar Sharif

Lecturer
B.Sc Engg, M.Sc Engg Scholar
Specialization: Electronics, Communication and Control Systems

Engr. Mariam Naseem

Lab Engineer
B.Sc Engg, M.Sc Scholar
Specialization: Telecommunication

Engr. Muzammal Hayat

Lab Engineer
B.Sc Engg, M.Sc Engg. Scholar
Specialization: Telecommunication

Engr. Ali Hassan Bajwa

Lab Engineer
B.Sc Engg, M.Sc Scholar
Specialization: Telecommunication

Engr. Aleem Hussain

Lab Engineer
B.Sc Engg, M.Sc Engg. Scholar
Specialization: Power

Engr. Muhammad Husnain Khalid

Lab Engineer
B.Sc Engg, M. Sc Scholar
Specialization: Power

Engr. Anam Mughees

Lab Engineer
B.Sc Engr, M.Sc Scholar
Specialization: Power

Engr. Zafar Abbas

Lab Engineer
B.Sc Engg, M.Sc Scholar
Specialization: Telecommunication

Engr. Maria Hanif

Teaching Assistant
B.Sc Engg, M.Sc Engg. Scholar
Specialization: Telecommunication

Visiting Faculty

Dr. Engr. Tahir Izhar

Professor
B.Sc Engg, M.Sc Engg, PhD.

Dr. Engr. Kashif Azim Janjua

Associate Professor
B.Sc Engg, M.Sc Engg, P.hd
Specialization: Communication and Signal Processing

Dr. Engr. Hassan Tariq Chatta

Assistant Professor
B.Sc Engg, M.Sc Engg, P.hd
Specialization: Communication

Dr. Engg. Irfan Abid

Assistant Professor
B.Sc Engg, M.Sc Engg, PhD.
Specialization: Communication



Scheme of Studies

B.Sc. Electrical Engineering

(Specialization in Telecommunication)

A. Admission Criteria

1. Minimum marks in F.Sc. Pre-Engineering or ICS (Math's & Physics compulsory) = 60 %
2. Entrance Test conducted by UET, Lahore.

B. Merit Based on

1. 70% of F.Sc. Marks.
2. 30% of Entrance Test.

C. No. of Seats = 80

- | | |
|------------------------|----|
| 1. Open Merit | 72 |
| 2. Disabled | 1 |
| 3. Employees Children | 1 |
| 4. FATA/NA/Baluchistan | 5 |
| 5. Teacher Children | 1 |

Semester 1

PHY111	Applied Physics	3+1
EE112	Workshop Practice	0+1
HUM113	Islamic Studies/ Ethics (For Non-Muslims)	2+0
CSE114	Introduction to Computing	1+1
MTH115	Calculus and Analytical Geometry	3+0
EE116	Linear Circuit Analysis	3+1

Semester 2

EE121	Engineering Drawing	0+1
CSE 122	Programming Fundamentals	2+1
MTH123	Differential Equations	3+0
HUM124	Pakistan Studies	2+0
HUM125	Functional English	3+0
EE126	Electronic Devices and Circuits	3+1

Semester 3

MTH231	Linear Algebra	3+0
HUM232	Communication Skills	3+0
EE233	Digital Logic Design	3+1
CSE234	Data Structures and Algorithms	3+1
EE235	Electrical Network Analysis	3+1

Semester 4

EE241	Electronic Circuit Design	3+1
EE242	Microprocessor Systems	3+1
EE243	Instrumentation and Measurements	3+1
HUM244	Technical Writing	3+0
MTH245	Complex Variables & Transforms	3+0

Semester 5

EE351	Electromagnetic Field Theory	3+0
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EE352	Signals and Systems	3+1
MTH353	Probability Methods in Engineering	3+0
EE354	Power Electronics	3+1
EE356	Electrical Machines	3+1

Semester 6

EE361	Wave Propagation and Antennas	3+1
EE362	Communication Systems	3+1
EE363	Digital Signal Processing	3+1
MGE364	Engineering Economics and Management	3+0
EE365	Linear Control Systems	3+1

Semester 7

EE471	Computer Communication Networks	3+1
EE472	RF and Microwave Engineering	3+1
EE473	Digital Communications	3+1
EE474	Senior Design Project-I	0+3

Semester 8

EE481	Optical Communication	3+1
EE482	Wireless and Mobile Communication	3+0
EE483	Satellite Engineering	3+1
EE484	Senior Design Project-II	0+3

B.Sc. Electrical Engineering Technology

Admission is offered in BSc Electrical Engineering Technology program in the following specialized area:

- 1- BS Electrical Engineering Technology (Specialization in Telecommunications)
- 2- BS Electrical Engineering Technology (Specialization in Electronics)

Number of seats = 120 (total)

Allocation of seats

70% for DAE students

30% FOR F.Sc students

However, department has right to interconvert the seats.

Entry Test

Entry Test by UET Lahore or by GCUF is mandatory.

Semester 1

ET 111	Communication Skills 1	2+0
ET 112	Electrical Technology	3+1
ET 113	Applied Chemistry	3+1
ET 114	Applied Physics	3+1
ET 115	Applied Math-1	3+0

Semester 2

ET121	Computer Fundamentals	3+1
ET122	Islamic & Pakistan Studies-I	3+0
ET123	Applied Mathematics-II	3+0

ET124	Technical Drawing	0+1
ET125	Workshop Practice	0+2

Semester 3

ET231	Communication Skills 2	3+0
ET232	Electrical Machine-1	3+1
ET233	Network Analysis	3+1
ET234	Digital Logic Design	3+1
ET235	Electronics-1	3+1

Semester 4

ET231	Applied Mathematics-III	3+0
ET241	Electronics-II	3+1
ET242	Electrical Machines-II	3+1
ET243	Power Generation & Utilization	3+0
ET233	Measurements & Instrumentation	3+1

Semester 5

ET351	Micro Controllers	3+1
ET352	Power Transmission Techniques	3+1
ET353	Networking Technologies	3+1
ET354	Digital Electronics	3+1
ET355	Electrical Appliances & Safety Techniques	3+1

Semester 6

ET362	Industrial Electronics	3+1
ET363	Power System Protection Techniques	3+0
ET261	Fundamentals of Space & Communication Technology	3+1
ET365	Electrification and Energy Auditing	3+1
ET366	Power Plants Technology	3+1

Semester 7

ET481	Renewable Energy Technologies	3+0
ET482	Technology Management	3+0
ET483	Power Electronics	3+1
ET484	High Voltage Technology	3+1
ET485	Control Systems	3+1

Semester 8

ET-401	Industrial Training/Projects	0+34
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Programs Offered

- BS Information Technology
- MS Information Technology

Coordinator:

Ms. Rabia Saleem

Department of Information Technology

Contact: 041-9200066-70, Ext: 163

Email: it@gcuf.edu.pk

Mission

The mission of Department of information technology is to provide responsive and dependable delivery of Information Technology to the graduates in the various disciplines of Information Technology and to train them to apply the knowledge and skills of Information Technology in the Industrial and Business Sector.

Objective

The main objective of Department of Information Technology is to offer its students comprehensive education that will enable them to apply essential skills and a deep understanding of management issues, detailed knowledge of technology and a passion for solving business problems using innovative technology.

Introduction

The College of Computer Science & Information Studies was one of the most prominent and oldest centres of computer education in Faisalabad city and was established as a separate department by offering ICS programme in 1999. The progress journey of the department continued, and it offered BS (CS) programme in 2001 and MCS programme in 2004 and MS (CS) programme in 2009. The department provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The Department of Information Technology provides a comprehensive range of facilities necessary for computer use and a library of programs and packages for solving scientific, engineering, commercial and social problems. The department is equipped with state of the art computer labs with latest Pentium machines. These laboratories are accessible to all students and teachers and also linked

through the state of the art network environment for retrieving information. The department now exists and excels in the newly created faculty of Engineering and Technology.

Faculty

Ms. Rabia Saleem

Assistant Professor/Coordinator

Mr. Afzaal Hussain

Lecturer

Ms. Shazia Riaz

Lecturer

Mr. Shahbaz Nazeer

Lecturer

Ms. Suneza Hameed

Lecturer

Scheme of Studies

BS Information Technology

Semester 1

CIT-301	Programming Fundamentals	4(3-1)
CIT-303	Introduction to Information and Communication Technologies	3(2-1)
ENG-305	English-I (Functional English)	3(3-0)
ISL- 307	Islamic Studies	3(3-0)
MTH-309	Calculus and Analytical Geometry	3(3-0)

Semester 2

CIT-302	Object Oriented Programming	4(3-1)
CIT-304	Discrete Structures	3(3-0)
CIT-306	Fundamentals of Information Technology	3(3-0)
ENG-308	English-II (Technical and Report Writing)	3(3-0)
MTH-310	Linear Algebra	3(3-0)
EEE-312	Basic Electronics	3(3-0)

Semester 3

CIT-401	Data Structure and Algorithms	3(2-1)
CIT-403	Digital Logic and Design	3(2-1)
STA-405	Probability and Statistics	3(3-0)
ECO-407	Economics	3(3-0)
ENG-409	English-III (Communication Skills)	3(3-0)
PAK-411	Pakistan Studies	3(3-0)

Semester 4

CIT-402	Operating Systems	3(2-1)
CIT-404	Information Systems	3(3-0)
CIT-406	Introduction to Database Systems	4(3-1)
BBA-408	Marketing	3(3-0)
CIT-410	Data Communication	3(3-0)

Semester 5

CIT-501	Introduction to Software Development	3(3-0)
CIT-503	Web Systems and Technologies	3(2-1)
CIT-505	Elective 1	3(3-0)
CIT-507	Database Administration	3(2-1)
CIT-509	Computer Communication and networks	3(2-1)
BBA-511	Information System Audit	3(3-0)

Semester 6

CIT-502	Elective 2	3(2-1)
CIT-504	Elective 3	3(2-1)
CIT-506	Multimedia Systems and Design	3(2-1)
CIT-508	Technology Management	3(3-0)
CIT-510	Telecommunication Systems	3(3-0)

Semester 7

CIT-601	Human Computer Interaction	3(3-0)
CIT-603	Elective 4	3
CIT-605	Elective 5	3
CIT-607	Elective 6	3
CIT-609	Elective 7	3

Semester 8

CIT-602	Professional Practices	3(3-0)
BBA-604	Human Resource Management	3(3-0)
CIT-630	Final Project	6(0-6)

MS Information Technology

Semester 1

IT-801	Advanced Database Management Systems	3(3-0)
IT-802	Information Security and Assurance	3(3-0)
IT-803	Telecom Management	3(3-0)
IT-804	Information Technology Infrastructure	3(3-0)

Semester 2

IT-821	Data Mining	3(3-0)
IT-806	IT Architecture (Elective 1)	3(3-0)
IT-807	IT Project Management (Elective 2)	3(3-0)

Semester 3

Information Technology Management		
IT-805	Research Methodology	3(3-0)
IT-809	IT Planning and Evaluation (Elective 1)	3(3-0)

Database Technology		
IT-805	Research Methodology	3(3-0)
IT-819	Advanced Topics in Databases(Elective1)	3(3-0)

Semester 4

IT-824	Thesis	6(0-6)
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Elective Courses for 2nd & 3rd Semester

IT Track		
IT-806	Information Technology Architecture	3(3-0)
IT-807	IT Project Management	3(3-0)
IT-808	Economics of Technology	3(3-0)
IT-809	IT Planning and Evaluation	3(3-0)
IT-810	IT Services Management	3(3-0)
IT-811	E-Biz	3(3-0)
IT-812	IT Audit and Assessment	3(3-0)
IT-813	IT Policy, Laws, and Practice	3(3-0)
IT-814	IT Disaster Management	3(3-0)

Database Track

IT-815	Strategic Information Management	3(3-0)
IT-816	Distributed Computing	3(3-0)
IT-817	Web based Databases	3(3-0)
IT-818	Object Oriented Databases	3(3-0)
IT-819	Advance Topics in Databases	3(3-0)
IT-820	Logical & Formal Methods	3(3-0)
IT-821	Data Mining	3(3-0)
IT-822	Data Security & Privacy	3(3-0)
IT-823	Distributed Databases	3(3-0)



Programs Offered
- BS Software Engineering

Coordinator:
Dr. Muhammad Awais

Department of Software Engineering

Contact: 041-9200066-70, Ext: 163

Email: se@gcuf.edu.pk

Mission

The mission of Department of Software Engineering is to produce worthy graduates in the various disciplines of software engineering and to train them to apply the knowledge and skills of Software Engineering in the design, development, documentation and maintenance of software.

Objective

The main objective of Department of Software Engineering Program is to offer its students comprehensive education that will enable them to apply the Principles of Software Engineering, Design, Engineering, Management, Mathematics and other disciplines to solve engineering problems. The Program is designed to enable the students of Software Engineering to Excel in the practice of Software

Engineering and understand engineered systems in terms of the relevant fundamental principles of Mathematics, Science and Engineering.

Introduction

The College of Computer Science & Information Studies was one of the most prominent and oldest centres of computer education in Faisalabad city and was established as a separate department by offering ICS programme in 1999. The progress journey of the department continued, and it offered BS (CS) programme in 2001 and MCS programme in 2004 and MS (CS) programme in 2009. The department provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The Department of Software Engineering provides a comprehensive range of facilities necessary for computer use and a library of

programs and packages for solving scientific, engineering, commercial and social problems. The department is equipped with state of the art computer labs with latest Pentium machines. These laboratories are accessible to all students and teachers and also linked through the state of the art network environment for retrieving information. The department now exists and excels in the newly created faculty of Engineering and Technology.



Faculty

Dr. Muhammad Awais

Lecturer / Coordinator
HEC Approved PhD Supervisor

Mr. Muhammad Yahya Saeed

Lecturer

Mr. Usama Ahmad

Lecturer

Mr. Adeel Rifaat Mirza

Lecturer

Ms. Sahar Husnain

Lecturer

Mr. Noman-ul-Haq

Lecturer

Ms. Zunaira Sattar

Lecturer

Ms. Sumaira Shoukat

Lecturer

Mr. Tauqeer-ul-Amin

Lecturer

Mr. Khurram Zeeshan Haider

Lecturer

Mr. Kaleem Razzak Malik

Lecturer

Ms. Isma Hameed

Lecturer

Scheme of Studies

BS Software Engineering

Semester 1

CSE-301	Programming Fundamentals	4(3-1)
CSE-302	Introduction to Computing	4(3-1)
ENG-321	English-I (Functional English)	3(3-0)
ISL-321	Islamic Studies	3(3-0)
MTH-301	Calculus and Analytical Geometry	3(3-0)

Semester 2

CSE-350	Object Oriented Programming	4(3-1)
CSE-351	Discrete Structures	3(3-0)
ENG-322	English-II (Technical and Report Writing)	3(3-0)
MTH-304	Advanced Calculus	3(3-0)
CSE-352	Basic Electronics	3(3-0)
PST-322	Pakistan Studies	3(3-0)

Semester 3

CSE-401	Data Structure and Algorithms	3(2-1)
CSE-402	Digital Logic and Design	3(2-1)
CSE-403	Introduction to Software Engineering	3(3-0)
ENG-421	English-III (Communication Skills)	3(3-0)
STA-451	Probability and Statistics	3(3-0)
MTH-402	Linear Algebra	3(3-0)

Semester 4

CSE-450	Operating Systems	3(2-1)
CSE-451	Personal Software Process and Team Software Process	3(3-0)
CSE-452	Introduction to Database Systems	4(3-1)
CSE-453	Analysis of Algorithms	3(3-0)
SOC-401	Sociology	3(3-0)

Semester 5

CSE-501	Web-Engineering	3(2-1)
CSE-502	Software Requirements Engineering	3(2-1)
CSE-503	Software Design and Architecture	3(2-1)
CSE-504	Software Engineering Economics	3(3-0)
BBA-501	Human Resource Management	3(3-0)
CSE-505	Human Computer Interaction	3(3-0)

Semester 6

CSE-550	Computer Communications and Networks	3(3-0)
CSE-551	Professional Practices	3(3-0)
CSE-552	Artificial Intelligence	3(2-1)
CSE-553	Software Construction	3(2-1)

CSE-554	Software Quality Engineering	3(2-1)
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Semester 7

CSE-601	Formal Methods in Software Engineering	3(3-0)
CSE-602	Software Project Management	3(3-0)
CSE-603	Software Metrics	3(3-0)
CSE-604	Mathematical tools for Software Engineering	3(2-1)
CSE-605	Enterprise Security Architecture	3(3-0)
BBA-601	Marketing	3(3-0)

Semester 8

CSE-650	Information Systems and Data Processing	3(3-0)
CSE-651	Information System Audit	3(3-0)
CSE-652	Senior Design Project	6(0-6)





Faculty of

Management & Administrative Sciences



- 
- 1- Department of Banking & Finance
 - 2- Department of Business Administration
 - 3- College of Commerce
 - 4- Department of Public Administration
& Industrial Management



Programs Offered

- BBA Banking & Finance
- MBA Banking & Finance

Coordinator: Dr. Bilal Aziz

Department of Banking & Finance

Contact: 041-9201454

Vision

To provide quality and innovative leadership to banks at national and international level.

Vision

Apart from imparting quality education, the focus is on character building, grooming and personal development of the students through active participation in co-curricular activities organized by societies. These activities include seminars, workshops, quizzes and dialogues on current and emerging economic and financial issues.

Introduction

The department of Banking and Finance, Government College University Faisalabad (GCUF) has based its successful experience in training and technical assistance on some key ideas, addressing and stressing on integration and relation between banking, finance and development.

The program has been designed to cater to the requirements of the markets. The department is committed to achieve academic excellence by producing quality graduates. The graduates of the department have achieved prominence in various spheres of life. They are working in miscellaneous national and international organizations, financial institutions, non-profit sectors besides serving on the board of different banks and multinational organizations. The department offers wide range of courses in a variety of disciplines which are constantly

refined and reviewed through expert's opinion.

The teaching staff of the department strives hard to promote research compatible with international standards and create an enabling audacious environment for students interested in upgrading and diversifying their qualification as a means for further career development.

Apart from imparting quality education, the focus is on character building, grooming and personal development of the students through active participation on co-curricular activities organized by societies. These activities include seminars workshops, quizzes and dialogues on current and emerging economic and financial issues.

Faculty

Dr. Bilal Aziz

Assistant Professor / Coordinator
PhD (Financial Economics), USA

Muhammad Ishtiaq

Assistant Professor (On Study Leave)
PhD Scholar (University of Bedfordshire, UK)

Safdar Hussain Tahir

Assistant Professor
PhD Scholar (M.A.J.U Islamabad)

Ayesha Attique

Lecturer
M.Com (University of Agriculture, Faisalabad)

Syed Ahmed Hassan Gillani

Lecturer
M.Com Finance (GC University, Faisalabad)

Adnan Arshad

Lecturer
MS Finance (CIIT, Lahore)

Muhammad Salman Rasheed

Lecturer
PhD Scholar (University of Bedfordshire, UK)

Muhammad Sajid

Lecturer
MS Finance (Air University, Islamabad)

Syed Hamad Hassan Shah

Lecturer (On Study Leave)
MS Scholar (University of Sargodha, Sargodha)

Muhammad Fayyaz Sheikh

Lecturer (On Study Leave)
PhD Scholar (CIIT, Islamabad)

Anum Nisar

Lecturer
MBA HR (UCP, Lahore)

Hadia Awan

MS Scholar (UET, Lahore)
MBA Finance (Hamdard University, Karachi)

Muhammad Saleem

Lecturer
MS Finance (University of Punjab, Lahore)

Faisal Anees

Lecturer
MS Finance (M.A.J.U. Islamabad)

Adnan Ashraf

Lecturer
MS Finance (University of Punjab, Lahore)

Waqas Bin Khidmat

Lecturer
M.Phil Finance (NUST, Islamabad)

Riffit Gill

Lecturer
MS (NUML, Faisalabad)

Rabia Sarfraz

Lecturer
MBA (UCP, Lahore)

Syed Hassan Raza

Teaching Assistant
MBA (MAJU, Islamabad)



Scheme of Studies

BBA Banking & Finance

Semester 1

BBF-301	Islamic Studies/Ethics for Non-Muslim	3(3-0)
BBF-303	Functional English I	3(3-0)
BBF-305	Financial Accounting I	3(3-0)
BBF-307	Micro Economics	3(3-0)
BBF-309	Introduction to Computers	3(3-0)
BBF-311	Business Mathematics	3(3-0)

Semester 2

BBF-302	Introduction to Finance	3(3-0)
BBF-304	Pakistan Studies	3(3-0)
BBF-306	Functional English II	3(3-0)
BBF-308	Financial Accounting II	3(3-0)
BBF-310	Macro Economics	3(3-0)
BBF-312	Introduction to Banking	3(3-0)

Semester 3

BBF-401	Introduction to Management	3(3-0)
BBF-403	Business Communication	3(3-0)
BBF-405	Business Statistics	3(3-0)
BBF-407	Introduction to Business	3(3-0)
BBF-409	Cost Accounting	3(3-0)

Semester 4

BBF-402	Business & Commercial Law	3(3-0)
BBF-404	Money, Banking and Investment	3(3-0)
BBF-406	Human Resource Management	3(3-0)
BBF-408	Financial Management	3(3-0)
BBF-410	Introduction to Marketing	3(3-0)

Semester 5

BBF-501	Business Ethics	3(3-0)
BBF-503	Bank Auditing	3(3-0)
BBF-505	Organizational Behavior	3(3-0)
BBF-507	Central Banking	3(3-0)
BBF-509	Risk Management	3(3-0)
BBF-511	Financial Statement Analysis	3(3-0)

Semester 6

BBF-502	Banking Law and Practice	3(3-0)
BBF-504	Business Research Methods	3(3-0)
BBF-506	Corporate Finance	3(3-0)
BBF-508	Islamic Banking	3(3-0)
BBF-510	Pakistan Economy	3(3-0)
BBF-512	SME Finance	3(3-0)

Semester 7

BBF-601	Management Information System in Banks	3(3-0)
BBF-603	Portfolio Management	3(3-0)
BBF-605	International Banking	3(3-0)
BBF-607	Business Taxation Laws	3(3-0)
BBF-609	English for Employment	3(3-0)

Semester 8

BBF-602	Credit Analysis & Investment Banking	3(3-0)
BBF-604	Marketing of Banking Products & Financial Services	3(3-0)
BBF-606	Money & Capital Markets	3(3-0)
BBF-608	International Trade & Foreign Exchange	3(3-0)
BBF-631	Research Project	6(6-0)

MBA Banking & Finance

(3 ½ years / 7 Semester)

Semester 1

MBF-551	Business Communication	3(3-0)
MBF-553	Introduction to Computers	3(3-0)
MBF-555	Principles of Management	3(3-0)
MBF-557	Financial Accounting	3(3-0)
MBF-559	Economic Analysis for Managers	3(3-0)
MBF-561	Business Mathematics & Statistics	3(3-0)

Semester 2

MBF-552	Banking Law and Practices	3(3-0)
MBF-554	Cost & Management Accounting	3(3-0)
MBF-556	Financial Management	3(3-0)
MBF-558	Money, Banking & Finance	3(3-0)
MBF-560	Business Research Methods	3(3-0)
MBF-562	Marketing of Banking Products & Financial Services	3(3-0)

Semester 3

MBF-651	Management Information System	3(3-0)
MBF-653	Banking Operational Management	3(3-0)
MBF-655	Financial Statement Analysis	3(3-0)
MBF-657	Human Resource Management	3(3-0)
MBF-659	International Trade & Foreign Exchange	3(3-0)

Semester 4

MBF-652	Customer Relationship Management	3(3-0)
MBF-654	Financial Risk Management	3(3-0)
MBF-656	Islamic Banking	3(3-0)
MBF-658	Services' Brand Management	3(3-0)
MBF-660	Banking Credit Management	3(3-0)

Semester 5

MBF-751	Portfolio Management	3(3-0)
MBF-753	Strategic Management	3(3-0)
	Elective-I* (Banking)	3(3-0)
	Elective-II* (Finance)	3(3-0)

Semester 6

MBF-752	Global Corporate Strategy	3(3-0)
MBF-754	Banking Information System Audit	3(3-0)
	Elective- III * (Banking)	3(3-0)
	Elective-IV* (Finance)	3(3-0)

Semester 7

MBF-851	English for Employment	3(3-0)
MBF-852	Thesis/Dissertation	6(6-0)

*Specialized Courses

(2 Electives from Finance and 2 from Banking)

Finance

MBF-741	International Finance & Economics	3(3-0)
MBF-742	International Financial Management	3(3-0)
MBF-743	Islamic Financial System	3(3-0)
MBF-744	Corporate Finance	3(3-0)
MBF-745	Corporate Governance	3(3-0)

Banking

MBF-750	Consumer Banking	3(3-0)
MBF-751	Credit Analysis & Investment Banking	3(3-0)
MBF-752	International Banking	3(3-0)
MBF-753	Insurance Strategies and Policies	3(3-0)
MBF-754	Derivatives and Securities	3(3-0)



Programs Offered

- BBA Business Administration (4-Years)
- MBA Business Administration (3-1/2 Years)
- MS Business Administration (2-Years)

Chairperson: Dr. Hazoor Muhammad Sabir

Department of Business Administration

Contact: 041-9239007, 041-9200066-70, Ext: 146

Vision

The Department of Business Administration envisions transforming itself into the leading business education institute in the region with marked excellence and exclusive traditions to develop the skilled, dedicated and creative business professionals and entrepreneurs.

Vision

The Department of Business Administration is committed to provide quality education to business graduates through inculcating them the conceptual knowledge synergized with practical applications; utilizing the latest equipment and infrastructure with excellent and trained faculty. The department is striving hard to transform them into competent professionals trimmed fine enough in catering to innate demand of diversified industries and to contribute their significant

role in the development and prosperity of the society as well as country.

Introduction

Since its establishment in 2004, the Department of Business Administration is exerting/undertaking painstaking efforts to build reputation for producing business graduates of professional excellence and excellent moral values. The students are imparted knowledge and skills through talented and experienced faculty enriched in generating ideas coupled with experiential learning, exposure to real time problems and hands on leadership/team work experiences. The graduates leave the institution with pivotal urge to lead, eager to design the practical solutions to everyday business problems and opportunities. The focus of the programs is to groom the students to responsible personalities with devotion, practical and methodological skills edge, and persistent enthusiasm

towards goal accomplishments. The department is very much keen towards co-curricular and extra-curricular activities and that is why the professional seminars, workshops and academic simulations are being conducted on on-going bases throughout the semester. The university is very much keen in developing the permanent faculty up to the set standards of Higher Education commission. Therefore, the all offered programs of the department are in very much compatibility with the standards set by HEC.

Faculty

Dr. Hazoor Muhammad Sabir

Principal
Ph.D. Econometrics

Dr. Sharjeel Saleem

Assistant Professor
Ph.D. International Human Resource Management

Dr. Mohsin Bashir

Assistant Professor
Ph.D. Human Resource Management

Mr. Shahid Tufail

Lecturer (on study leave)
Ph.D (Continue) Management

Ms. Ambreen Zanib

Lecturer (on study leave)
Ph.D (Continue) Management

Ms. Rafia Kazmi

Lecturer
MS Management

Ms. Faiqa Karin

Lecturer
MS Business Administration

Mr. Qamar Ali

Lecturer (on study leave)
MS (UMT), Ph.D. (continue) Management Sciences

Mr. Masood Nawaz Kalyar

Lecturer (on study leave)
MS (BZU) Ph.D. (continue) Management

Mr. Bashir Ahmad

Lecturer (on study leave)
MS (AU), Ph.D. (continue) Management

Mr. Ahsan Riaz

Lecturer (on Study Leave)
(Ph.D continue) Finance

Mr. Ahmad Sohail Khan

Lecturer
MBA Marketing

Ms. Irum Shahzadi

Lecturer
MS Business Administration

Mr. Waqas Safdar

Lecturer
BBA (Hons), MBA (IBA- Karachi) Marketing Finance

Mr. Hamad Raza Zaidi

Lecturer
MBA (UK) Finance

Mr. Usman Zafar

Lecturer
MBA Management

Ms. Anam Zafar

Lecturer
MBA Finance

Ms. Ghazala Benish

Lecturer
M.Phil Accounting & Finance

Mr. Muhammad Asim Nawaz

Lecturer
BBA (Hons), MBA HRM

Mr. Muhammad Ashar

Lecturer
MBA (PU), M. Phil HRM

Mr. Muhammad Usama Anwar

Lecturer
MBA (IBA Karachi) Marketing

Mr. Yasir Tanveer

Lecturer
MS HRM

Mr. Rizwan Kamran

Lecturer
MS Finance

Mr. Ahsan Zubair

Lecturer
MBA HRM, Marketing

Mr. Tayyab Kashif

Lecturer
MBA Marketing

Mr. Arsalan Najeeb Khan

Lecturer
MBA HRM

Ms. Ayesha Sharif

Lecturer
MBA Marketing

Mr. Farhan Jalil

Lecturer
MS Marketing

Mr. Furqan Mushtaq

Teaching Assistant
MBA Marketing

Mr. Asim Ali

Teaching Assistant
MBA Finance

Scheme of Studies

BBA Business Administration

Semester 1

BBA-301	Introduction to Information Technology	3(3-0)
BBA-303	Introduction to Psychology	3(3-0)
BBA-305	Freshman English	3(3-0)
BBA-307	Pakistan Studies	2(2-0)
BBA-309	Islamic Studies	2(2-0)
BBA-311	Fundamentals of Accounting	3(3-0)

Semester 2

BBA-302	Business Mathematics	3(3-0)
BBA-304	Financial Accounting	3(3-0)
BBA-306	Logic	3(3-0)
BBA-308	Micro Economics	3(3-0)
BBA-310	Technical Writing & Professional Speech Communication	3(3-0)

Semester 3

BBA-401	Oral Communication	3(3-0)
BBA-403	Statistics	3(3-0)
BBA-405	Introduction to Sociology	3(3-0)
BBA-407	Cost Accounting	3(3-0)
BBA-409	Macro Economics	3(3-0)

Semester 4

BBA-402	Business Communication	3(3-0)
BBA-404	Statistical Inferences	3(3-0)
BBA-406	Fundamentals of Marketing	3(3-0)
BBA-408	Business Finance	3(3-0)
BBA-410	Principles of Management	3(3-0)

Semester 5

BBA-501	Financial Management	3(3-0)
BBA-503	Marketing Management	3(3-0)
BBA-505	Business Research Methods	3(3-0)
BBA-507	Calculus	3(3-0)
BBA-509	Pakistan Economy	3(3-0)

Semester 6

BBA-502	Money and Banking	3(3-0)
BBA-504	Consumer Behavior	3(3-0)
BBA-506	Human Resource Management	3(3-0)
BBA-508	Business Ethics	3(3-0)
BBA-510	Business Law	3(3-0)
BBA-512	Total Quality Management	3(3-0)

Semester 7

BBA-601	Organizational Behavior	3(3-0)
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BBA-603	Operations/Production Management	3(3-0)
BBA-605	Global/International Business	3(3-0)
	Elective-I	3(3-0)
	Elective-II	3(3-0)
	Elective-III	3(3-0)

Semester 8

BBA-602	Entrepreneurship	3(3-0)
BBA-604	Management Information System	3(3-0)
BBA-606	Research Project	3(0-3)
	Elective-I	3(3-0)
	Elective-II	3(3-0)
	Elective-III	3(3-0)

Internship

Non Credit

Specialization in HRM

BBA-607	Labour Laws in Pakistan	3(3-0)
BBA-608	HR Development	3(3-0)
BBA-609	Cases and exercise in personnel/HRM	3(3-0)
BBA-610	Performance Management	3(3-0)
BBA-611	Organizational Development	3(3-0)
BBA-612	Essential of Training & Development	3(3-0)
BBA-613	International HRM	3(3-0)
BBA-614	Industrial Relations	3(3-0)

Specialization in Finance

BBA-615	Corporate Finance	3(3-0)
BBA-616	Credit Management	3(3-0)
BBA-617	Risk Management	3(3-0)
BBA-618	Auditing	3(3-0)
BBA-619	Investment & Portfolio Management	3(3-0)
BBA-620	International Financial Management	3(3-0)
BBA-621	Financial Statement Analysis	3(3-0)
BBA-622	Taxation Management	3(3-0)
BBA-623	Seminar in Finance	3(3-0)
BBA-624	Islamic Financial System	3(3-0)

Specialization in Marketing

BBA-625	Sales Management	3(3-0)
BBA-626	Brand Management	3(3-0)
BBA-627	International Marketing	3(3-0)
BBA-628	Advertising Management	3(3-0)
BBA-629	Retail Marketing	3(3-0)
BBA-630	Marketing Research	3(3-0)
BBA-631	Tourism Marketing	3(3-0)
BBA-632	Services Marketing	3(3-0)
BBA-633	Cyber Marketing	3(3-0)
BBA-634	Export Marketing	3(3-0)
BBA-635	Agriculture Marketing	3(3-0)

BBA-636	Seminar in Marketing	3(3-0)
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Requirements for award of Degree

- Successful Completion of all courses.
- Business Internship: 6 – 8 Weeks (Non-Credit)

MBA Business Administration

3-1/2 Years

Semester 1

MBA-701	Business Communication	3(3-0)
MBA-703	Principles of Marketing	3(3-0)
MBA-705	Financial Accounting	3(3-0)
MBA-707	Principles Of Management	3(3-0)
MBA-709	Computer Orientation and Packages	3(3-0)
MBA-711	Business Mathematics & Statistics	3(3-0)

Semester 2

MBA-702	Micro Economics	3(3-0)
MBA-704	Financial Management	3(3-0)
MBA-706	Business Research Methods	3(3-0)
MBA-708	Human Resource Management	3(3-0)
MBA-710	Marketing Management	3(3-0)

Semester 3

MBA-713	Cost and Management Accounting	3(3-0)
MBA-715	Macro Economics	3(3-0)
MBA-717	Management Information System	3(3-0)
MBA-719	Organizational Behavior	3(3-0)
MBA-721	International Business	3(3-0)

Semester 4

MBA-712	Consumer Behavior	3(3-0)
MBA-714	E-Commerce	3(3-0)
MBA-716	Total Quality Management	3(3-0)
MBA-718	Financial Institutions	3(3-0)
MBA-720	International Management	3(3-0)

Semester 5

MBA-723	Project Management	3(3-0)
MBA-725	Entrepreneurship	3(3-0)
MBA-727	Business Ethics & Corporate Social Responsibility	3(3-0)
MBA-729	Strategic Marketing	3(3-0)
MBA-731	Operations Management	3(3-0)

Semester 6

MBA-722	Supply Chain Management	3(3-0)
MBA-724	Introduction to Academic Writing	3(3-0)
	Elective-I	3(3-0)

	Elective-II	3(3-0)
	Elective-III	3(3-0)

Semester 7

MBA-733	Strategic Management	3(3-0)
MBA-735	Research Project	3(0-3)
	Elective-I	3(3-0)
	Elective-II	3(3-0)
	Elective-III	3(3-0)

Internship Non Credit

Specialization in Finance

MBA-736	Corporate Finance	3(3-0)
MBA-737	Credit Management	3(3-0)
MBA-738	Investment & Portfolio Management	3(3-0)
MBA-739	International Financial Management	3(3-0)
MBA-740	Financial Statement Analysis	3(3-0)
MBA-741	Islamic Financial System	3(3-0)
MBA-742	Auditing	3(3-0)
MBA-743	Taxation Management	3(3-0)
MBA-744	Risk Management	3(3-0)
MBA-745	Seminar in Finance	3(3-0)

Specialization in HRM

MBA-746	HR Development	3(3-0)
MBA-747	Labour Laws in Pakistan	3(3-0)
MBA-748	Performance Management	3(3-0)
MBA-749	Cases and exercise in personnel/HRM	3(3-0)
MBA-750	Essential of Training & Development	3(3-0)
MBA-751	International HRM	3(3-0)
MBA-752	Organizational Development	3(3-0)
MBA-753	Industrial Relations	3(3-0)

Specialization in Marketing

MBA-754	Brand Management	3(3-0)
MBA-755	International Marketing	3(3-0)
MBA-756	Advertising Management	3(3-0)
MBA-757	Sales Management	3(3-0)
MBA-758	Services Marketing	3(3-0)
MBA-759	Retail Marketing	3(3-0)
MBA-760	Marketing Research	3(3-0)
MBA-761	Tourism Marketing	3(3-0)
MBA-762	Cyber Marketing	3(3-0)
MBA-763	Export Marketing	3(3-0)
MBA-764	Agriculture Marketing	3(3-0)
MBA-765	Seminar in Marketing	3(3-0)

Requirements for award of Degree

- Successful Completion of all courses.

MS Business Administration

Semester 1

MSBA-801	Statistical Analysis for Business Research	3(3-0)
MSBA-803	Corporate Governance	3(3-0)
MSBA-805	Contemporary issues in Management	3(3-0)
MSBA-807	Economic Analysis for Managerial Decisions	3(3-0)

Semester 2

MSBA-802	Advance Research Methodology	3(3-0)
MSBA-804	Advanced Financial Management	3(3-0)
MSBA-806	Strategic Human Resource Management	3(3-0)
MSBA-808	Strategic Marketing Management	3(3-0)

Semester 3 & 4

MSBA-815	Research and Thesis	6
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Programs Offered

- BS Commerce
- M.Com
- M.Phil. Commerce

Principal:

Dr. Nadeem Sohail

College of Commerce

Contact: 041-9201460, 041-9200066-70, Ext: 312

Email: commerce@gcuf.edu.pk

Vision

The College aims to produce commerce professionals with strong theoretical and practical knowledge of the field and to enable them to be successful managers for both public and private sectors.

Mission

Commerce is the backbone of any business concern in today's world of cut throat competition in the volatile business environment, the role of commerce professionals has become highly demanding and challenging. The need of the hour is to groom professionals equipped with thorough knowledge and practical tools to deal with the prevailing situation with novelty of ideas and to enable them to make choices and decisions using system approaches. The College aims to promote research in business and market to predict the emerging business trends thus ensuring a meaningful contribution to the Pakistani economy.

Introduction

Government College University, Faisalabad is located in the heart of Faisalabad, which is undoubtedly a large industrial and commercial center, and also an exporter of over 55% of the cotton cloth and garments of Pakistan. In Faisalabad, various exportable products are produced. To quench this thrust, Government College University, Faisalabad has played a vital role in addressing the commercial and industrial needs of the city by starting the M.Phil Commerce in accordance with the HEC policies. There is a great demand for business professionals to cater the needs of expanding business and industry.

Doctor of Philosophy in Commerce will be next milestone to achieve in the race of providing superior education and producing valuable human capital for corporate world. Our programs are structured on team based interactive learning, class room lectures,

presentations, case studies, field visits and research reports. Seminars and workshops on current economic & business issues are usually organized in the college. Every year, more than 300 students from all over the country join us to revitalize their wisdom and exposure related to economic and business issues. Our method of study not only develops students individually but also prepares them to accept forthcoming challenges in the rapid growing corporate world and also facilitates the culture of nascent entrepreneurial ventures in Faisalabad. It has become one of the largest commerce institutes in the country with an enrollment of more than 800 students and have charismatic faculty members who have diversified background to blend it with the culture of this prestigious institute.

Faculty

Dr. Nadeem Sohail

Designation: Associate Professor / Principal
Qualification: PhD Economics from University of Sargodha
Specialization: Macroeconomics, Financial Economics

Ms. Sabeen Masood

Designation: Lecturer
Qualification: MS Scholar from National University of Modern Languages, Islamabad (Faisalabad Campus).
Specialization: Human Resource Management

Mr. Khalid Latif

Designation: Lecturer (On Study Leave)
Qualification: PhD Finance Scholar from International Islamic University, Islamabad
Specialization: Finance

Mr. Mian Muhammad Niaz Shakir

Designation: Lecturer
Qualification: MS/M.Phil Scholar from Lahore Leads University, Lahore
Specialization: Finance

Mr. Qaiser Ijaz

Designation: Lecturer (On Study Leave)
Qualification: PhD Scholar
Specialization: Finance

Mr. Sanaullah

Designation: Lecturer (On Study Leave)
Qualification: MS Scholar from National University of Modern Languages, Islamabad (Faisalabad Campus).
Specialization: Management

Mr. Muhammad Adnan Afzal

Designation: Lecturer
Qualification: M.Phil in Business Administration from Superior University, Lahore
Specialization: Finance

Mr. Raheel Mumtaz

Designation: Lecturer
Qualification: PhD Finance Scholar from COMSATS Institute of Information Technology, Islamabad
Specialization: Finance

Mr. Muhammad Farooq Rehan

Designation: Lecturer
Qualification: MS Entrepreneurship and SME Management from GC University, Lahore
Specialization: Entrepreneurship

Mr. Muhammad Sabeeh Iqbal

Designation: Lecturer
Qualification: M.Phil Scholar from Hailey College of Commerce, Lahore
Specialization: Accounting and Finance

Mr. Khalid Hussain

Designation: Lecturer
Qualification: M.Com 18 Years from Hailey College of Commerce, Lahore
Specialization: Accounting

Mr. Khurram Ashfaq

Designation: Lecturer
Qualification: ACCA, M.Phil from Hailey College of Commerce, Lahore
Specialization: Accounting

Mr. Gohar Mahmood

Designation: Lecturer
Qualification: MSc Accounting & Finance from Bahauddin Zakariya University, Multan
Specialization: Accounting

Mr. Zahid Bashir

Designation: Lecturer
Qualification: M.Com 18 Years from Hailey College of Commerce, Lahore
Specialization: Accounting

Mr. Nasir Abbas

Designation: Teaching Assistant
Qualification: M.Com from Bahauddin Zakariya University, Multan
Specialization: Accounting



Scheme of Studies

BS Commerce

Semester 1

COM-301	Principles of Accounting	4(4-0)
COM-303	Introduction to Business	3(3-0)
ECO-301	Principles of Micro Economics	3(3-0)
ENG-321	English for Academic Purposes	3(3-0)
ISL-302	Islamic Studies	2(2-0)
MTH-349	Business Mathematics	3(3-0)

Semester 2

COM-302	Financial Accounting	3(3-0)
COM-304	Computer Application in Business	3(3-0)
ECO-302	Principles of Macro Economics	3(3-0)
ENG-421	Business Communication	3(3-0)
STA-322	Business Statistics	3(3-0)
PST-322	Pakistan Studies	2(2-0)

Semester 3

COM-401	Advanced Accounting-I	3(3-0)
COM-403	Business Law	3(3-0)
COM-405	Introduction to Business Finance	3(3-0)
COM-407	Business Taxation	3(3-0)
ECO-421	Economic Issues of Pakistan	3(3-0)
PSY-421	Business Psychology	2(2-0)

Semester 4

COM-402	Advanced Accounting-II	3(3-0)
COM-404	Auditing	3(3-0)
COM-406	Cost Accounting	4(4-0)
COM-408	Financial and Regulatory Institution	2(2-0)
COM-410	Management Information System	3(3-0)
STA-422	Inferential Statistics	2(2-0)

Semester 5

COM-501	Principles of Management	3(3-0)
COM-503	Principles of Marketing	3(3-0)
COM-505	Financial Management	3(3-0)
COM-507	Research Methods in Business	3(3-0)
ECO-521	Managerial Economics	3(3-0)
SOC-521	Business Sociology	3(3-0)

Semester 6

COM-502	Quantitative Techniques in Business	3(3-0)
COM-504	Principle of Risk Management and Insurance	3(3-0)
COM-506	Managerial Accounting	3(3-0)
COM-508	Human Resource Management	3(3-0)

COM-510	Entrepreneurship	3(3-0)
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Semester 7

COM-601	Organizational Behavior	3(3-0)
COM-603	Operational Management	3(3-0)
COM-605	Custom and Sales Tax	3(3-0)
ENG-601	English for Employment	3(3-0)
COM-	Elective-1	3(3-0)
COM-	Elective-2	3(3-0)

Semester 8

COM-602	Corporate Governance	3(3-0)
COM-604	International Business	3(3-0)
COM-606	Strategic Management	3(3-0)
COM-	Elective-3	3(3-0)
COM-631	Research Project and Viva Voce	6(0-6)

Field of Specialization

Accounting

COM-621	Financial Reporting	3(3-0)
COM-622	Advance Auditing Problems	3(3-0)
COM-623	Advance Management Accounting	3(3-0)
COM-624	Advance Financial Accounting	3(3-0)

Finance

COM-625	Investment and Portfolio Management	3(3-0)
COM-626	Financial Statements Analysis	3(3-0)
COM-627	Corporate Finance	3(3-0)
COM-628	Islamic Banking and Finance	3(3-0)

M.Com

Semester 1

COM-551	Principles of Management	3(3-0)
COM-553	Principles of Marketing	3(3-0)
COM-555	Accounting for Decision making	3(3-0)
COM-557	Research Methods in Business	3(3-0)
ECO-521	Managerial Economics	3(3-0)

Semester 2

COM-552	Financial Management	3(3-0)
COM-554	Management Accounting	3(3-0)
COM-556	Quantitative Techniques in Business	3(3-0)
COM-558	Entrepreneurship	3(3-0)
COM-560	Organizational Behavior	3(3-0)

Semester 3

COM-651	Financial Statement Analysis	3(3-0)
COM-653	Operation & Production Management	3(3-0)
COM-655	Management Information System	3(3-0)
COM-	Elective-1	4(4-0)
COM-	Elective-2	4(4-0)

Semester 4

COM-652	Human Resource Management	3(3-0)
COM-654	International Business	3(3-0)
COM-656	Strategic Management	3(3-0)
COM-	Elective-3	4(4-0)
COM-	Elective-4	4(4-0)
COM-682	Internship Report Viva Voce	3(3-0)

Field of Specialization

Accounting

COM-657	Financial Reporting	4(4-0)
COM-658	Advanced Accounting	4(4-0)
COM-659	Government Accounting	4(4-0)
COM-660	International Accounting	4(4-0)
COM-661	Industrial Accounting	4(4-0)
COM-662	Advance Auditing Problems	4(4-0)

Finance

COM-663	Investment and Portfolio Management	4(4-0)
COM-664	Project Management	4(4-0)
COM-665	International Finance	4(4-0)
COM-666	Taxation; Theory and Practice	4(4-0)
COM-667	Corporate Finance	4(4-0)
COM-668	Islamic Banking and Finance	4(4-0)

M.Phil. Commerce

Semester 1

COM-701	Advance Research Methodology	3(3-0)
COM-703	International Finance	3(3-0)
ECO-703	Econometrics: Theory and Practices	3(3-0)
COM-	Elective-I	3(3-0)

Semester 2

COM-702	Corporate Governance	3(3-0)
COM-704	Advanced Management Accounting Issues	3(3-0)
ECO-706	Applied Econometrics	3(3-0)
COM-	Elective-II	3(3-0)

Semester 3-6

COM-730	Thesis/Dissertation	6(0-6)
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Field of Specialization

Finance

COM-705	Financial Modeling	3(3-0)
COM-706	Financial Institutions and Markets	3(3-0)
COM-707	Financial Risk Management	3(3-0)

Accounting

COM-708	Advance Financial Reporting	3(3-0)
COM-709	Advance Auditing Issues	3(3-0)
COM-710	International Accounting	3(3-0)

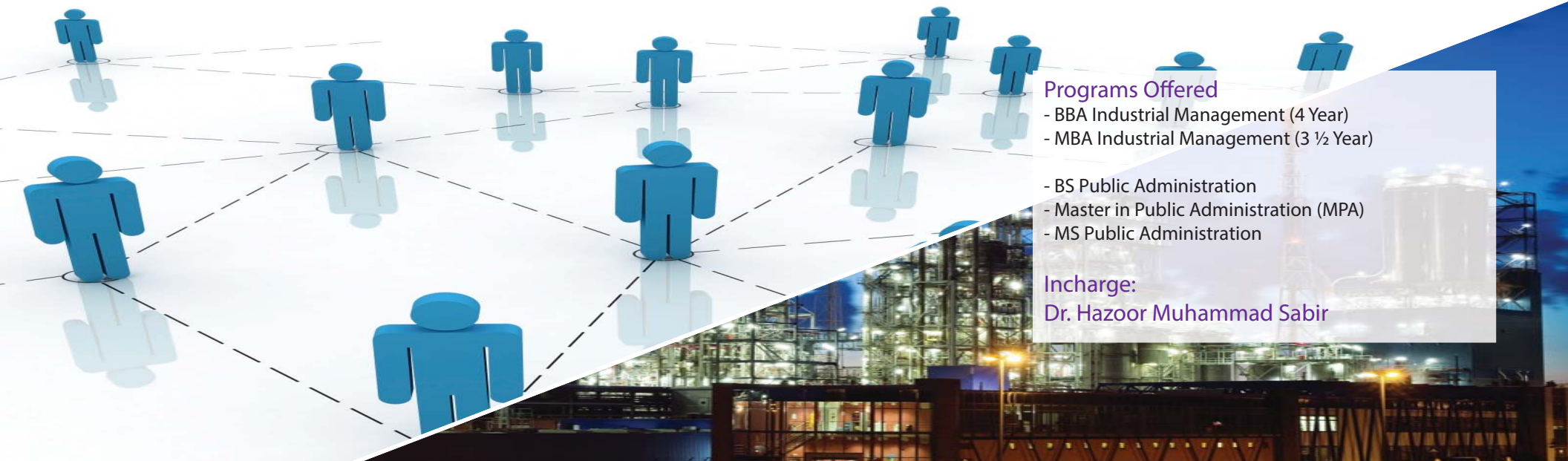
Human Resource Management

COM-711	Strategic Human Resource Management	3(3-0)
COM-712	Compensation and Performance Management	3(3-0)
COM-713	Organizational Behavior & leadership	3(3-0)

Entrepreneurship

COM-714	Entrepreneurship and Business Development	3(3-0)
COM-715	Entrepreneurial Finance for Small Business	3(3-0)
COM-716	Business Economics and Finance	3(3-0)





Programs Offered

- BBA Industrial Management (4 Year)
- MBA Industrial Management (3 ½ Year)
- BS Public Administration
- Master in Public Administration (MPA)
- MS Public Administration

Incharge:

Dr. Hazoor Muhammad Sabir

Department of

Public Administration & Industrial Management

Contact: 041-9201452, 041-9201416, 041-9200066-70, Ext: 148, 142

Mission (Public Administration)

To prepare students equipped with the latest knowledge and skills of administration, who are going to play an integral part in uplifting the economic and social structure of the country.

Objective (Public Administration)

To create a learning environment that will lead to the development and propagation of effective knowledge and improve the roles of industrial and public sector leadership.

Introduction (Public Administration)

The Department of Public Administration and Industrial Management of GC University, Faisalabad is a dynamic association of public servants and scholars having an in-depth knowledge in the field of management.

The department has disseminated public sector expertise around the country through conducting quality research in their discipline.

As a discipline, Industrial Management can be compared to Business Administration and students can pursue career in industrial and private sector on the completion of their respective programs. After getting a degree in Public Administration one can pursue career in civil services, non-governmental organizations as well as in the private sector.

Vision (Industrial Management)

To engender thoroughly professional and ethical industrial leadership qualities in our aspirants.

Mission (Industrial Management)

To equip stakeholders with highest level of professional skills and sound ethics by interactive and collaborative learning.

Objective (Industrial Management)

- To bridge gap between current potential and future needs of the stakeholders.
- To provide logistics for smooth learning, training and developmental facilities and opportunities.
- To build a proven hub for industrial and business excellence for industry and academia.
- To convene networking, collaboration and multilateral concerns of stakeholders

Introduction (Industrial Management)

Industry is a major contributor to Pakistan's economy. Keeping in mind such a major contribution of local industry along with multi nationals, Department of Industrial Management has designed following courses to streamline needs of the present era:

4 Year BBA-Industrial Management

3 ½ Year MBA-Industrial Management

With Specializations in:

1. Textile Management
2. Quality Management

Customized courses to cope with the dynamic needs of the industry to shape the businesses have been designed to create value with purpose. Through well management learning environment development of leaders to responsibly manage industrial needs for value creation and innovation is indispensable. Through the process of action learning, our emphasis will be on refining knowledge base of stakeholders through an ongoing process of practice, action and reflection. For real world engagement that turns innovative ideas into practical solutions, our students do internship of six to eight weeks during their stay with us in different industries.

- Agility Logistics
- Aries Logistics
- AS & Co.
- Atlas Honda
- Chenab Textile
- Crescent Bahuman
- Crescent Textile Mills
- Galaxy Textile
- Haseeb Waqas Sugar Mill
- HBL
- Ibrahim Fibers
- IDBP
- Interloop
- Klash Textile
- Masood Textile Mills
- Master Ceramics
- MCB
- NBP
- Punjab Beverages (Pepsi Co.)

- Sadaqat Textile
- Shakar Gunj Sugar Mills
- Sitara Energy Ltd.
- Sitara Fabrics Ltd.
- Zeal & Zeast

Training and development is our milestone towards success. Different authorities in their respective industries are our implementing partners for collaborative real world implementation for T&D needs.

- UNDP (Gen-Prom) Pakistan
- SMEDA (Small and Medium Enterprises Development Authority)
- PSIC (Punjab Small Industrial Corporation)
- NPO (National Productivity Organization)
- FDPT(Faisalabad Dry Port Trust)
- FCCI (Faisalabad Chamber of Commerce and Industry)
- FBR (The Federal Board of Revenue)
- PTEA (Pakistan Textile Exporters Association)

Thus our students are well equipped with intrinsic complexities of business and industrial sector. All the way long, we aimed at bridging gaps among stakeholders i.e. students, industries, employers, instructors and institutions.



Faculty (Public Administration)

Prof. Dr. Riaz ul Haq

Advisor, Faculty of Management Sciences
PhD (Ex-Vice Chancellor of UOS)
(Ex-Advisor of HEC)

Prof. Dr. Pervez Azeem

Coordinator, Faculty of Management Sciences
PhD (USA)

Dr. Hazoor Muhammad Sabir

Chairperson/Principal, College of Management Studies
PhD (Economics)

Ms. Uzma Waseem

Coordinator / Lecturer
MPA, (GCUF), LLB (PU), MA Political Science (PU),
MS (Scholar)

Dr. Arfan Ali

Assistant Professor
MSc. (Hons.) UAF, PhD (China)

Mr. Syed Afraz Gilani

Lecturer (On Study Leave)
MBA, (GCUF), MS (Scholar) MAJU

Mrs. Saira Solat

Lecturer (On Study Leave)
MPA, (QAU) Gold Medalist, MS (Scholar) NUML

Mr. Muhammad Zia ud Din

Lecturer (On Study Leave)
MPA (QAU)

Mr. Bilal Hassan

Lecturer (on study leave)
MPA (QAU)

Ms. Fiza Sabir

Lecturer
MPA (GCUF), MSBA (NCBAE)

Mr. Adeel Anjum
Lecturer
MBA (MIU), MS TUF

Ms. Samar Akbar
Lecturer
MPA (GCUF)

Mr. Muhammad Ahsan Feroz
Lecturer
MPA (QAU)

Mr. Bilal Shahid Cheema
Lecturer
MPA (PU), MA Political Science (PU)

Mr. Ahsan Zubair
Lecturer
MBA (UCP)

Mr. Abdul Sattar
Teaching Assistant
MS Finance (NUML)



Faculty (Industrial Management)

Mr. Salman Arshad
Lecturer/ Coordinator
MS (Management)

Ms Aisha Imtiaz
Lecturer
MS (Management)

Mr. Muhammad Waheed Liaqat
Lecturer
MS (Management)

Ms. Ayesha Sohail
Lecturer
MBA (HRM)

Mr. Muhammad Shahbaz
Lecturer
MS (Management)

Mr. Fayyaz Ahmad
Lecturer
MS (Engineering Management)

Ms. Anum Tariq
Lecturer
MS (Management)

Hafiz Sohrab Ali
Teacher Assistant
MS (Finance)

Scheme of Studies

BBA Industrial Management

Semester 1

CSI-303	Introduction to information Technology	3(3-0)
PSY-301	Business Psychology	3(3-0)
ENG-321	EAP (English for Academic purposes)	3(3-0)
PST-322	Pakistan Studies	2(2-0)
ISL-303	Islamic Studies	2(2-0)
BIM-301	Introduction to Business	3(3-0)

Semester 2

MTH-342	Business Mathematics	3(3-0)
BIM-302	Financial Accounting	3(3-0)
BIM-304	Logic	3(3-0)
ECO-301	Principles of Micro Economics	3(3-0)
ENG-322	Reading Writing, Speaking & Listening Skills	3(3-0)

Semester 3

ENG-422	Technical Writing	3(3-0)
STA-595	Business Statistics	3(3-0)
SOC-521	Industrial Sociology	3(3-0)
BIM-401	Cost Accounting	3(3-0)
ECO-302	Principles of Macro Economics	3(3-0)

Semester 4

BIM-402	Business Communication	3(3-0)
CSI-511	Management Information System	3(3-0)
BIM-404	Fundamentals of Marketing	3(3-0)
MTH-523	Calculus	3(3-0)
BIM-408	Principles of Management	3(3-0)

Semester 5

BIM-501	Financial Management	3(3-0)
BIM-503	Marketing Management	3(3-0)
BIM-505	Business Research Methods	3(3-0)
BIM-511	Business Ethics	3(3-0)
BIM-507	Human Resource Management	3(3-0)
BIM-509	Production & Operations Management	3(3-0)

Semester 6

BIM-502	Organizational Behavior	3(3-0)
BIM-504	Entrepreneurship	3(3-0)
BIM-506	Project Management	3(3-0)
BIM-508	International Business	3(3-0)
BIM-510	Industrial Relation & Labor Law	3(3-0)
BIM-512	Total Quality Management	3(3-0)

Semester 7

BIM-601	Industrial Engineering	3(3-0)
BIM-603	Strategic Management	3(3-0)
ENG-601	English for Employment	3(3-0)
BIM-605	E-Commerce	3(3-0)
BIM-607	Merchandizing	3(3-0)
BIM-609	Ergonomics	3(3-0)

CHM-632: Internship

Semester 8

BIM-602	Production, Planning and Control	3(3-0)
BIM-604	Supply Chain Management	3(3-0)
CHM-631	Research Project	3(3-0)
BIM-606	Six Sigma & Lean Manufacturing	3(3-0)
BIM-608	Facility Planning & Layout	3(3-0)
BIM-610	Industrial Systems and Standards	3(3-0)

Degree Requirements:

- Successful completion of all courses
- Internship (6-8) weeks (non-credit hour)

MBA Industrial Management

3 ½ Years

Semester 1

MIM-501	Financial Accounting	3(3-0)
MIM-503	Principles of Management	3(3-0)
CSI-303	Introduction to Information Technology	3(3-0)
MIM-505	Business Communication	3(3-0)
STA-595	Business Statistics	3(3-0)
MIM-507	Principles of Marketing	3(3-0)

Semester 2

MIM-502	Human Resource Management	3(3-0)
MIM-504	Taxation	3(3-0)
MIM-506	Marketing Management	3(3-0)
MIM-508	Principles of Economics	3(3-0)
MIM-510	Management Information System	3(3-0)
MIM-512	Cost Accounting	3(3-0)

Semester 3

MIM-601	Organizational Behavior	3(3-0)
MIM-603	Production & Operation Management	3(3-0)
MIM-605	Project Management	3(3-0)
MIM-607	Business Research Methods	3(3-0)
MIM-609	Financial Management	3(3-0)

Semester 4

MIM-602	Global Business.	3(3-0)
MIM-604	Total Quality Management	3(3-0)
MIM-606	Change Management	3(3-0)
MIM-608	Supply Chain Management	3(3-0)
MIM-610	Industrial Relations and Labor Law	3(3-0)

Semester 5

MIM-701	Industrial Engineering	3(3-0)
MIM-703	Production, Planning and Control	3(3-0)
MIM-705	Strategic Management	3(3-0)
MIM-707	Logistics Management & Inventory Control	3(3-0)
MIM-709	Small and Medium Enterprise Management	3(3-0)

Semester 6

Quality Management

MIM-702	Knowledge management	3(3-0)
MIM-704	Human Factor Engineering	3(3-0)
MIM-753	Six Sigma & Lean Manufacturing	3(3-0)
MIM-756	Quality Systems and Standards	3(3-0)
MIM-759	Work Flow Management	3(3-0)

Textile Management

MIM-702	Knowledge management	3(3-0)
MIM-704	Human Factor Engineering	3(3-0)
MIM-764	Merchandizing.	3(3-0)
MIM-756	Quality Systems and Standards	3(3-0)
MIM-772	Introduction to Textile	3(3-0)

Semester 7

MIM-749	Research Project	3(3-0)
ENG-601	English for Employment	3(3-0)
	Sp-iv	3(3-0)
	Sp-v	3(3-0)
	Sp-vi	3(3-0)

Elective Courses

Quality Management

MIM-751	Quality Management Seminars	3(3-0)
MIM-752	Quality Case Studies	3(3-0)
MIM-753	Six Sigma & Lean Manufacturing	3(3-0)
MIM-754	Quality Function Deployment (QFD)	3(3-0)
MIM-755	Research and Development (R&D)	3(3-0)
MIM-756	Quality Systems and Standards	3(3-0)
MIM-757	Quality Planning	3(3-0)
MIM-758	Statistical Process Control	3(3-0)
MIM-759	Work Flow Management	3(3-0)
MIM-760	Advance Analytical Methods for Training	3(3-0)

MIM-761	Facilities Planning & Layout	3(3-0)
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Textile Management

MIM-762	Spinning.	3(3-0)
MIM-763	Knitting & Weaving.	3(3-0)
MIM-764	Merchandizing.	3(3-0)
MIM-765	Wet Processing.	3(3-0)
MIM-766	Apparel Management.	3(3-0)
MIM-767	Color Physics.	3(3-0)
MIM-768	Social Compliance.	3(3-0)
MIM-769	Fabric structure & Technology.	3(3-0)
MIM-770	Product Development.	3(3-0)
MIM-772	Introduction to Textile	3(3-0)

*Elective course(s) can be added/ removed at any time by decision of the department.



Scheme of Studies

BS Public Administration

Semester 1

ENG-321	English Comprehension / English I	3
CIT-301	Introduction to Computers	3
BPA-301	Introduction to Public Administration	3
ISL-302	Islamic Studies/Ethics	3
ECO-301	Microeconomics	2

Semester 2

ENG-322	Technical English Writing / English II	3
BPA-302	Principles of Management	3
SOC-305	Introduction to Sociology	3
PST-322	Pakistan Studies	2
	Fundamentals of Mathematics	3
ECO-302	Macroeconomics	3

Semester 3

BPA-401	Financial Accounting	3
STA-301	Introduction to Statistics	3
ENG-421	Communication Skills / English III	3
BPA-403	Administrative Ethics	3
BPA-405	Environmental Issues & Management	3
PSY-303	Introduction to Psychology	3

Semester 4

ENG-422	International Language (Any) / English IV	3
HIS-305	World civilization	
BPA-402	Organizational Behavior	3
BPA-404	Introduction to Public Policy	3
BPA-406	Principles of Marketing	3
BPA-408	Human Resource Management	3

Semester 5

BPA-501	Government & Society in Pakistan	3
POL-406	Introduction to Development Economics	3
STA-404	Applied Statistics for Managers	3
BPA-503	Political & Constitutional Development in Pakistan	3
BPA-505	Financial Management	3
BPA-507	Principles of Public Finance	3

Semester 6

BPA-510	Social Entrepreneurship	3
BPA-502	Decentralization & Governance	3
BPA-504	Research Methods & Techniques	3
BPA-506	Administrative Law & Accountability	3
POL-406	International Relations	3

BPA-508	Public Policy Analysis	3
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Semester 7

BPA-601	Strategic Management	3
BPA-605	Managing Public & Non-Profit Organizations	3
BPA-607	Area of Specialization Course – I	3
BPA-609	Area of Specialization Course – II	3
BPA-603	Contemporary Issues of Public Admin in Pakistan	3

Semester 8

BPA-604	Project Management	3
BPA-608	Area of Specialization Course – III	3
BPA-610	Area of Specialization Course – IV	3
BPA-611	(Research Project / Internship Report) & Viva Voce	6

Master in Public Administration (MPA)

Semester 1

MPA-551	Public Administration and Society	3(3-0)
MPA-553	Quantitative Techniques for Management	3(3-0)
MPA-555	Principles of Management	3(3-0)
MPA-557	MIS	3(3-0)
MPA-559	Financial Accounting	3(3-0)
ECO-609	Economic Analysis	3(3-0)

Semester 2

MPA-552	Human Resource Management	3(3-0)
MPA-554	Financial Administration	3(3-0)
MPA-556	Public Administration in Pakistan	3(3-0)
MPA-558	Research Methods and Techniques	3(3-0)
MPA-560	Marketing Management	3(3-0)
MPA-562	International Marketing	3(3-0)

Semester 3

MPA-651	Organizational Behavior	3(3-0)
MPA-653	Comparative Public Administration	3(3-0)
MPA-655	Specialization I	3(3-0)
MPA-657	Specialization II	3(3-0)
MPA-659	Project Management	3(3-0)
MPA-661	Taxation Management	3(3-0)

Semester 4

MPA-652	Public Policy Analysis	3(3-0)
MPA-654	Total Quality Management	3(3-0)
LAW-603	Specialization III	3(3-0)
MPA-656	Specialization IV	3(3-0)

MPA-658	Strategic Management	3(3-0)
ECO-664	Managerial Economics	3(3-0)

Field of Specialization

MPA-655	Human Resource Development	3(30)
MPA-657	Performance & Compensation Management	3(3-0)
LAW-603	Industrial Relation & Labor Law	3(3-0)
MPA-656	International HRM	3(3-0)
MPA-670	Internship (Three Months)	3(3-0)

MS Public Administration

Semester 1

MPA-701	Governance, Public Administration & Development	3
MPA-703	Comparative public policy	3
MPA-705	Research design (E)	3
MPA-707	Strategic HRM (E)	3

Semester 2

MPA-702	Organizational Theory & Public Management	3
MPA-704	Advanced Research Methods	3
MPA-706	Public Financial Management & Budgeting	3
MPA-708	Political Economy of Pakistan	3

Semester 3-4

MPA-709	Research thesis	6
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Faculty of

Arts & Social Sciences



- 
- 1- Department of Applied Psychology
 - 2- Department of Economics
 - 3- Department of Education
 - 4- Department of English Linguistics
 - 5- Department of English Literature
 - 6- Institute of Arts & Design
 - 7- Department of History and Pakistan Studies
 - 8- College of Law
 - 9- Department of Mass Communication
 - 10- Department of Physical Education & Sports Science
 - 11- Department of Political Science & International Relations
 - 12- Department of Sociology

Programs Offered

- BS Applied Psychology
- M.Sc Applied Psychology
- MS/PMD Clinical Psychology

Chairperson: Dr. Khalid Mehmood Bhatti

Department of Applied Psychology

Contact: 041-2649972, 041-9200066-70, Ext: 311

Email: appspsychology@gcuf.edu.pk

Introduction

Psychology, being a scientific study of human behavior and mental processes, has not only achieved immense popularity with scholars of modern age but it has also helped in understanding the psychological problems of the society. Psychological knowledge is now applied to such diverse areas as psychotherapy, counseling and guidance, hospital management, environment, business, education, industry, crimes linguistics, and critical evaluation of literature and fine arts.

GC University, Faisalabad, started studies in Applied Psychology at post graduate level and plans to satisfy the long standing demand of the area. GC University, Faisalabad, has also introduced BS (Hons) programme. The Department aims at producing high quality professionals and psychologists who are committed to pursue excellence and are endowed with vision, courage and dedication. Our students, after completing their

degrees, will make significant and meaningful contribution towards the socio-economic betterment of the country through the development of human resource.

Vision

Our shared vision, here at the Department of Applied Psychology, is to develop high quality trained professional clinical psychologists to pursue the excellence in the field of psychology and to make significant and meaningful contribution towards the socio-economic betterment of our country.

Mission

The mission of the Department of Applied Psychology, GC University Faisalabad, is to provide and inculcate the knowledge of human behavior to the students seeking such knowledge in an effective and research oriented manner. Moreover, the department is committed to meet the challenges of the modern age by producing researchers and professionals in the field, which will help to understand and ultimately resolve the problems of society.



Faculty

Dr. Khalid Mahmood Bhatti

M.Sc (Punjab), Ph.D. (IPP BU)
Assistant Professor /Coordinator
Specialization: Research, Clinical Psychology & Psychometrics

Ms. Fozia Akram

M.Sc (GCU Lahore), MS (GCUF)
Lecturer/ Academic Coordinator M.Sc.
Specialization: Clinical Psychology, Cognitive Psy,
Personality Psy. & Abnormal Psychology, Counseling
Psychology

Ms. Asma Riaz

M.Sc. (Punjab), MS (IIUI)
Lecturer
Specialization: Health Psychology, Behavioral
Neuro-Sciences, Clinical Psychology

Ms. Fareeh Fatima

M.Sc. (Quaid-i-Azam Uni.Isl)
Lecturer
Specialization: Industrial Organizational Psy, Social Psy.
& Human Resource Management

Ms. Shazia Habib

M.Sc. (Punjab), MS (GCU Lahore)
Lecturer (On Study leave)
Specialization: Clinical Psychology & Behavioral
Neuro-Sciences

Ms. Rabia Khawar

M.Sc. (BZU), M. Phil (GCU Lahore)
Lecturer (On Study leave)
Specialization: Psychological Assessment & Research
Methodology

Ms. Rabia Maryam

M.Sc. (BZU), MS (GCUF)
Lecturer
Specialization: Educational Psychology, Human
Resource Management & Social Psychology

Mr. Arif Nadeem

M.Sc LHR, PMDCP (BU)
Lecturer (On Study leave)
Specialization: Clinical Psychology, Psychometrics, Para
Psychology

Ms. Abida Kareem

M.Sc. (AKU) PMDCP (BU)
Lecturer (On Study Leave)
Specialization: Abnormal Psychology, Clinical
Psychology

Mr. Muhammad Umer Khan

M.Sc. (GCUF)
Lecturer (On Study leave)
Specialization: Health Psychology, Cross Cultural
Psychology, Abnormal Psychology

Ms. Saira Khan

M.Sc. (PU) M.Ed. in Special Education (UEL) M. Phil
(GCUL)
Lecturer
Specialization: Clinical Psychology, Health Psychology,
Research methodology & Statistics

Ms. Saima Saeed

M.Sc. (GCUF) M.Phil (GCUL)
Lecturer/ Examination Coordinator BS (Hons)
Specialization: Clinical Psychology, Cognitive
psychology, Research Methodology & Statistics,
Psychometrics

Ms.Qura-tul-ain

BS(Hons) GCUF
Teaching Assistant
Specialization: Applied Psychology

Ms.Anum Abdul Wahid

M.Sc (GCUF)
Teaching Assistant
Specialization: Applied Psychology

Scheme of Studies

BS Applied Psychology

Semester 1

ENG-321	English-I (Compulsory)	3(3-0)
PST-321	Pakistan Studies (Compulsory)	2(2-0)
PSY-305	Introduction to Psychology-I	4(3-1)
MTH-325	Introduction to Mathematics -1 (Minor)	3(3-0)
Optional Subjects		
STT-328	Statistics-I	3(2-1)
SOC-321	Sociology-I	3(3-0)
GEO-321	Geography-I	3(3-0)

Semester 2

ENG-322	English-II (compulsory)	3(3-0)
ISL-322	Islamic Studies (compulsory)	2(2-0)
PSY-306	Introduction to Psychology-II	4(3-1)
MTH-322	Introduction to Mathematics-II (Minor)	3(3-0)
Optional Subjects		
STT-329	Statistics-II	3(2-1)
SOC-322	Sociology-II	3(3-0)
GEO-322	Geography-II	3(3-0)

Semester 3

Psy-401	Communication Skills-I (compulsory)	3(3-0)
Psy-403	History & Systems in Psychology	3(3-0)
Psy-405	Personality Psychology	3(3-0)
Psy-407	Social Psychology	3(3-0)
Optional Subjects (any one from the following)		
MCM-421	Mass Communication-I	3(3-0)
EDU-421	Education-I	3(3-0)
ECO-421	Economics-I	3(3-0)

Semester 4

Psy-402	Communication Skills-II (Compulsory)	3(2-1)
Psy-404	Advanced Social Psychology	3(3-0)
Psy-406	Mental Health and Psychopathology-I	3(3-0)
Psy-408	cognitive & Affective processes	4(3-1)
Optional Subjects (any one from the following)		
MCM-422	Mass Communication-II	3(3-0)
EDU-422	Education-II	3(3-0)
ECO-422	Economics-II	3(3-0)

Semester 5

Psy-501	Behavioral Neurosciences	4(4-0)
Psy-503	Mental Health and Psychopathology-II	4(4-0)
Psy-505	Research Methodology-1	3(3-0)

Psy-507	Application of Statistics in Psychology	3(2-1)
Psy-509	Educational psychology	4(3-1)

Semester 6

Psy-502	Developmental Psychology	4(4-0)
Psy-504	Psychological Testing & Measurement-I	3(3-0)
Psy-506	Health Psychology	4(4-0)
Psy-508	Research Methodology-II	3(2-1)
Psy-510	Industrial/Organizational Psychology	4(4-0)

Semester 7

Psy-601	Clinical Psychology-I	4(4-0)
Psy-603	Psychological Testing & Measurement-II	3(2-1)
Psy-605	Counseling Psychology-I	4(4-0)
Psy-607	Human Resource Management	4(3-1)
Psy-609	Thesis (synopsis submission) OR any one optional subject	4(4-0)
Psy-611	Organizational Behavior	4(4-0)
Psy-613	Cross-cultural psychology	4(4-0)
Psy-615	Trauma Psychology	4(4-0)
Psy-617	Consumer behavior	4(4-0)

Semester 8

Psy-602	Internship	2(2-0)
Psy-604	Clinical Psychology-II	4(3-1)
Psy-606	Counseling Psychology-II	4(3-1)
Psy-608	Positive Psychology	4(4-0)
Psy-610	Thesis (Final draft and oral defense) OR any one optional subject	4(4-0)
Psy-612	Forensic psychology	4(4-0)
Psy-614	Sports Psychology	4(4-0)
Psy-616	Military Psychology	4(4-0)
Psy-618	Gender Issues in Psychology	4(4-0)

M.Sc Applied Psychology

Semester 1

Psy-701	History and Systems in Psychology	4(4-0)
Psy-702	Research Methodology-1	3((3-0)
Psy-703	Application of Statistics in Psychology	4(3-1)
Psy-704	Cognitive and Affective Processes	4(3-1)
Psy-705	Behavioral Neurosciences	4(4-0)

Semester 2

Psy-710	Applications of Computer in Psychology	2(1-1)
Psy-711	Psychological Testing and Measurement	3(2-1)
Psy-712	Personality Psychology	3(3-0)
Psy-713	Social Psychology	3(3-0)
Psy-714	Abnormal Psychology	4(4-0)

Psy-715	Research Methodology-II	3(2-1)
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Semester 3

Psy-720	Developmental Psychology	3(3-0)
Psy-721	Psychometrics	3(2-1)
Psy-722	Clinical Psychology	4(3-1)
Psy-723	Industrial / Organizational Psychology	4(4-0)
Psy-724	Educational Psychology	4(3-1)
Psy-725	Counseling Psychology	4(3-1)

Semester 4

Psy-730	Health Psychology	4(3-1)
Psy-731	Internship	2(2-0)
Psy-732	Thesis OR Two Optional Subjects	8
Psy-733	Human resource Management (opt)	4(4-0)
Psy-734	Mass-Communication (opt)	4(4-0)
Psy-735	Cross-Cultural Psychology (opt)	4(4-0)
Psy-736	Gender Issues In Psychology (opt)	4(4-0)
Psy-737	Forensic Psychology (opt)	4(3-1)

NOTE: student who will not conduct thesis, they will have to opt two optional course in 4th semester.

MS/PMD Clinical Psychology

Semester 1

PSY-701	Research Methodology and Statistics in Clinical Psychology-I	3(3-0)
PSY-702	Psychodiagnosis and Assessment-I	3(3-0)
PSY-703	Psychotherapy -I	3(3-0)
PSY-704	Psychophysiology & Psychopharmacology-I	3(3-0)
PSY-705	Internship	4(4-0)

Summer Semester

PSY-706	Internship	04
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Semester 2

PSY-711	Research Methodology and Statistics in Clinical Psychology-II	3(3-0)
PSY-712	Psychodiagnosis and Assessment-II	3(3-0)
PSY-713	Psychotherapy -II	3(3-0)
PSY-714	Psychophysiology & Psychopharmacology-II	3(3-0)
PSY-715	Internship	4(4-0)

MS Clinical Psychology

Semester 3

PSY-730	Thesis	6(6-0)
PSY-716	Internship	4(4-0)

Semester 4

PSY-730	Thesis	6(6-0)
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MS (Top Up) Clinical Psychology

(One Year Programme for candidates having ADCP/PMD in Clinical Psychology)

Semester 3

PSY-730	Thesis	06
PSY-716	Internship	04

Semester 4

PSY-730	Thesis	06
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Programs Offered

- BS Economics
- M.Sc. Economics
- M.Phil. Economics
- Ph.D. Economics

Chairperson: Dr. Sofia Anwar

Department of Economics

Contact: 041-9201478, 041-9200066-70, Ext: 248

Email: economics@gcuf.edu.pk

Vision

The vision of the Department of Economics is to achieve broad and increasing recognition of the excellence of its programs among those offered by public and private institutions in the region and at international level; and to equip students with skills to devise and implement theoretical and applied research work that will contribute to knowledge and resolve problems confronting the economy. The Economics Department is eyeing to produce quality economists that will play their constructive role in different public, private sector organizations, policy making, and research.

Mission

The mission of the Department of Economics is to enable the students to exercise their intellectual capacity, to acquire disciplinary knowledge and analytical skills, to

value diversity in people and ideas, and to develop ethical decision making abilities. Competencies and skills required for success in the global economy are continually assessed and improved through regular outcome-assessment and external reviews, promoting a culture of shared learning through collaboration, interaction and peer-to-peer teaching and assessment. The learning environment is distinguished by admission on merit only, highly accessible faculty, teamwork, and information technology-supported education. The economics faculty places an emphasis on excellence in teaching through continuous professional development in instruction, as well as, in applied and theoretical economic research. Currently, the Department is offering graduate and postgraduate degree programs viz-a-viz BS, M.Sc, M.Phil and PhD.

Introduction

Economists deal with scarcity and choices. In a society where resources are limited and cannot meet the claims put upon it, economists suggest guidance for steering the economy to meet its objectives of social welfare in all decisions. Economic theory provides powerful and often surprising insights into individual and social behaviors through providing a better understanding of a variety of contemporary issues. Being intellectually challenging; economics envisions the way individuals make decisions and interact with each other, the way businesses are structured and compete, and the role of government in economic activity.

The employment prospects for economists are fantastic as the importance of economics is inevitable. Students who study economics here acquire problem solving skills that are valued by government and business employers, skills that can be used to examine a variety of economic

policy issues e.g. problems of unemployment and inflation, policy and project evaluation, the impact of monopoly power and regulation, the impact of foreign trade, and public intervention to deal with social problems like environmental pollution.

The Department of Economics has developed curricula that is in congruence with present challenges. Formulation of policy alternatives by conducting solution oriented research to assist the decision makers for uniform growth and developing manpower in line with the demands of local and international markets are the priorities of the Department. In this context, the Department of Economics is playing a key role to fill the gap of availability of human resources that are required to improve the momentum of economic growth and eradicate socioeconomic evils.

Objectives

All the academic programs i.e. BS, M.Sc. M.Phil and PhD of the Department of Economics have been carefully designed to fulfill the following objectives of the Department and the market demands.

- To offer quality programs that maintain high academic standards, include core components to foster critical thinking, communication, and commitment to lifelong learning.
- To assist students in developing, evaluating, and implementing employment decisions and plans by helping students to develop self-knowledge related to career choice and work preferences, providing educational and occupational information to guide students' career and educational planning.
- To develop their understanding of the world of work and linking students with alumni, employers, and professional organizations that can provide opportunities to integrate academic learning with the working environment and explore future career possibilities.
- To provide the opportunity for higher education to students from diverse backgrounds at minimal costs through Distance Learning program.

Faculty

Prof. Dr. Parvez Azim

M.A. (Pak), M.A. (USA), Ph.D. (USA)

Professor

Specialization: Advanced Micro Economics and Mathematical Economics

Dr. Sofia Anwar

M.Sc (Hons), Ph.D.(Pak)

Professor / Chairperson Department of Economics

Specialization: Econometrics

Dr. Muhammad Rizwan Yaseen

MSc (Hons.) Ph.D.(France)

Assistant Professor

Specialization: Simulation and Food security

Ms. Asia Naseem

M.A. (Pak),M.Phil (Pak)

Lecturer

Specialization: International Trade

Ms. Sadia Ali

M.A. (Pak),M.Phil (Pak), PhD Scholar

Lecturer

Specialization: Mathematical Economics

Mr. Abdul Majeed Nadeem

B.Sc(Hons), M.Sc(Hons) (Pak), PhD Scholar

Lecturer (on study leave)

Specialization: Agriculture and Environmental Economics

Ms. Saadia Narjis

B.Sc(Hons), M.Sc(Hons) (Pak)

Lecturer

Specialization: Agriculture Economics

Mr. Qasim Ali

M.A. (Pak),M.Phil (Pak)

Lecturer

Specialization: Micro Economics

Ms. Nazia Yasmin

M.Sc. (Pak), M.Phil (Pak), PhD Scholar

Lecturer (on study leave)

Specialization: Development Economics

Ms Anam Shahzadi

BS(Hons), M.Phil (Pak)

Lecturer

Specialization: Macro Economics, Econometrics

Ms. Anisa Shamim

M.A. (Pak) M.Phil (Pak)

Lecturer

Specialization: International Economics

Mr. Imran Qaisar

M.Sc, M.Phil (Pak)

Lecturer

Specialization: Computer Applications, Statistics, Efficiency Analysis

Mr. Muhammad Faraz Riaz

BS(Hons), M.Phil (Pak)

Lecturer

Specialization: Econometrics and Mathematical Economics

Mr. Abdul Qudoos

BSc (Hons.), MSc (Hons.) (Pak)

Lecturer

Specialization: Mathematical Economics, Production Economics

Mr. Muhammad Umar Farooq

M.Sc, M.Phil (Pak)

Lecturer

Specialization: Monetary Economics

Mr. Amir Aslam

BSc (Hons.), MSc (Hons.) (Pak)

Lecturer

Specialization: Public Finance, International Trade, Development Economics

Ms. Samra Subhani

M.A, M.Phil (Pak)

Lecturer

Specialization: Micro Economics

Mr. Safdar Iqbal

M.Sc, M.Phil (Pak)

Teaching Assistant

Specialization: Micro Economics



Scheme of Studies

BS Economics

Semester 1

ENG-321	Functional English	3(3-0)
ECO-301	Principles of Micro Economics	3(3-0)
ISL-301	Islamic Studies	2(2-0)
MTH-321	Mathematics I	3(3-0)
CSI-321	Computer Application	3(3-0)
MCM-303	Introduction to Communication	3(3-0)

Semester 2

ENG-322	Reading, Writing, Speaking and Listening Skills	3(3-0)
PST-322	Pakistan Studies	2(2-0)
ECO-302	Principles of Macro Economics	3(3-0)
MTH-322	Mathematics II	3(3-0)
GEO-305	Economic Geography	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)

Semester 3

ENG-421	Communication Skills	3(3-0)
ECO-401	Intermediate Micro Economics	3(3-0)
ECO-403	Development Economics	3(3-0)
STT-352	Introduction to Statistical theory – I	3(3-0)
POL-421	Introduction to Political Science	3(3-0)
BIM-406	Principles of Management	3(3-0)

Semester 4

ENG-422	Technical writing	3(3-0)
ECO-402	Intermediate Macroeconomics	3(3-0)
STT-353	Introduction to Statistical theory – II	3(3-0)
ECO-404	Agricultural Economics	3(3-0)
COM-301	Principles of Accounting	3(3-0)
POL-406	Introduction to International Relations	3(3-0)

Semester 5

ECO-501	Micro Economics	3(3-0)
ECO-503	Econometrics I	3(3-0)
ECO-505	Mathematical Economics I	3(3-0)
ECO-507	Resource Economics	3(3-0)
ECO-509	Human Resource Development	3(3-0)
ENV-521	Bio diversity and conservation	3(3-0)

Semester 6

ECO-502	Macro Economics	3(3-0)
ECO-504	Econometrics II	3(3-0)
ECO-506	Mathematical Economics II	3(3-0)
ECO-508	Monetary Economics	3(3-0)

ECO-510	General Equilibrium and Welfare Economics	3(3-0)
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ECO-512	International Finance	3(3-0)
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Semester 7

ENG-611	English for Employment	3(3-0)
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ECO-601	International Trade Theory	3(3-0)
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ECO-603	Research Methodology	3(3-0)
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ECO-605	Public Finance	3(3-0)
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ECO-607	History of Economics Thoughts	3(3-0)
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ECO-609	Major issues of Pakistan Economy	3(3-0)
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Semester 8

ECO-602	Applied Economics	3(3-0)
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ECO-608	Labor Economics	3(3-0)
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ECO-628	Seminar General	1(1-0)
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ECO-629	Seminar Research	1(1-0)
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ECO-604	Islamic Economics	3(3-0)
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ECO-630	Research Paper	3(3-0)
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M.Sc. Economics

Semester 1

ECO-551	Microeconomics I	3(3-0)
ECO-553	Macroeconomics I	3(3-0)
ECO-555	Mathematical Economics	3(3-0)
ECO-557	Economics Statistics	3(3-0)
ECO-559	Introduction to Computer	3(3-0)

Semester 2

ECO-552	Microeconomics II	3(3-0)
ECO-554	Macroeconomics II	3(3-0)
ECO-556	Mathematical Economics II	3(3-0)
ECO-558	Statistical Inference and Decision Making	3(3-0)
ECO-560	Public Finance	3(3-0)
ECO-562	Monetary Economics	3(3-0)

Semester 3

ECO-651	Islamic Economics	3(3-0)
ECO-653	Econometrics I	3(3-0)
ECO-655	Major Issues in Pakistan Economy	3(3-0)
ECO-657	Research Methodology	3(3-0)
ECO-659	Environmental Economics	3(3-0)

Semester 4

ECO-652	Development Economics	3(3-0)
ECO-654	International Economics	3(3-0)
ECO-656	Econometrics II	3(3-0)
ECO-658	Computer Application in Quantitative Analysis in Economics	3(3-0)
ECO-660	Development Economics	3(3-0)
ECO-680	Thesis/ Two Optional Courses	6(0-6)

Optional Courses

ECO-662	Agriculture Economics	3(3-0)
ECO-664	Managerial Economics	3(3-0)
ECO-666	General Equilibrium and Welfare Economics	3(3-0)
ECO-668	Labor Economics	3(3-0)
ECO-670	Advanced Mathematical Economics	3(3-0)
ECO-672	Project Appraisal and Investment Analysis	3(3-0)
ECO-674	Dynamic Macroeconomics	3(3-0)
ECO-676	Population Economics	3(3-0)
ECO-678	Operations Research	3(3-0)

M.Phil. Economics

Core Courses

ECO -701	Micro-Economics	3(3-0)
ECO -702	Macroeconomics	3(3-0)
ECO -703	Econometrics: Theory and practices	3(3-0)
ECO -704	Mathematical Economics	3(3-0)
ECO -705	Research Methods for social sciences	3(3-0)

Optional Courses

ECO-706	Applied Econometrics	3(3-0)
ECO -707	Policy Analysis	3(3-0)
ECO -708	International trade	3(3-0)
ECO -709	Production economics	3(3-0)
ECO -710	General equilibrium and welfare Economics	3(3-0)
ECO -711	Development Economics	3(3-0)
ECO -712	Monetary Economics	3(3-0)
ECO -713	Environmental Economics	3(3-0)
ECO -714	Economic Analysis and evaluation of development projects	3(3-0)
ECO -715	Computer Applications for Social Sciences	3(3-0)
ECO -727	Special problem	1(1-0)
ECO -728	Seminar (General)	1(1-0)
ECO -729	Seminar (Research)	1(1-0)
ECO -730	Research Thesis	6(0-6)



Ph.D. Economics

Core Courses

ECO -801	Advanced Micro-Economics	3(3-0)
ECO -802	Advanced Macroeconomics	3(3-0)
ECO -803	Advanced Applied Econometrics	3(3-0)

Optional Courses

ECO -804	Advanced Mathematical Programming	3(3-0)
ECO -805	Advanced Research Methodology	3(3-0)
ECO -806	Advanced Policy Analysis	3(3-0)
ECO -807	Advanced Production Economics	3(3-0)
ECO -808	Advanced Resource Economics	3(3-0)
ECO -809	Advanced International Trade	3(3-0)
ECO -810	Advanced Labor Economics	3(3-0)
ECO-811	Special topics in Economics	3(3-0)
ECO-828	Seminar (General)	1(1-0)
ECO-829	Seminar (Research)	1(1-0)
ECO-830	Research Thesis	6(0-6)



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Programs Offered

- Ph.D. Education
- M.Phil. Education
- MA Education (Morning & Evening)
- Elementary (4 years)

Chairperson:

Prof. Dr. Riaz-ul-Haq Tariq

Department of Education

Contact: 041-9201556, 041-9200066-70, Ext: 301, 302

Email: education@gcuf.edu.pk

Vision

The vision of the department is to provide quality education to prepare reflective educators who possess theoretical knowledge as well as practical mastery of pedagogical techniques to face future challenges in the education sector with confidence and critical understanding of the core areas of education.

Mission

Our mission is to provide flexible, multi method learning opportunities with variety of approaches including lectures , tutorial group discussions, seminars, presentations, research work, teaching practice, field work etc.

Introduction

The department of Education was established in 2003 with an idea of providing quality education to the individuals interested in adopting teaching as a profession. Currently, the department is offering training to 280 students at graduate and post-graduate levels. The department has been evolving and flourishing according to the social and technological changes in the society in general and the educational environment in particular. The department aims to provide quality education to prepare reflective educators who can meet future challenges in the education sector. The department intends to develop in its graduates a critical understanding of the core issues of education. So that after completing the programmes, the graduates can serve different areas of systematic instruction.



Faculty

Prof. Dr. Raiz-ul-Haq Tariq

M. Sc Chemistry, Ph.D Education
Chairman
Specialization: Science Education

Dr. Muhammad Naeem Mohsin

Post Doc. (Austria) Ph. D (Pb), MSc, M. Ed, C. Math (USA)
Associate Professor
Specialization: Special Education & Training, Distance Education

Dr. Azhar Mumtaz Saadi

Ph. D (Edu), MA. M. Ed
Assistant Professor
(HEC Approved Ph. D Supervisor)
Specialization: Educational Research, Educational Administration, Instructional Supervision

Dr. Asif Iqbal

Ph. D (Edu), MA Edu, MA Urdu, MA Islamic Studies
Assistant Professor
Specialization: Educational Administration, Educational Research

Dr. Muhammad Shabbir Ali

Ph.D (Edu), M. S. Ed
Assistant Professor
Specialization: Science Education Curriculum

Dr. BushraNaoreen

Ph. D (Edu), MA (Edu)
Assistant Professor
Specialization: Teacher Education & Research in Education

Dr. Shumaila Shahzad

Ph. D (Edu), MA (Edu), MA (English)
Assistant Professor
Specialization: Educational Psychology, Educational Measurement & Evaluation

Dr. Khuda Baksh Malik

Assistant Professor
Ph.D. (Edu)
Specialization: Educational Leadership & Management

Ms. Hina Gull

MA (Edu), MA (History)
Lecturer
Specialization: Educational Administration

Mr. Hamid Ikram

M.S. Ed
Lecturer (On Study Leave)
Specialization: Science Education, Curriculum, Policy Studies

Ms. Shamaieela Mehboob

M. Phil (Edu), MA (Edu), MA (Islamic Studies)
Lecturer
Specialization: Educational Administration

Dr. Shafqat Rasool

Ph. D (Edu), M.Sc. Computer Science, M.T.E
Lecturer
Specialization: Administration

Mr. Muhammad Shabbir

MA (Edu), MA (Isl).
Lecturer
Specialization: Administration

Ms. Shehar Bano

MA (Edu)
Lecturer
Specialization: Educational Psychology



Scheme of Studies

B.Ed (Hons) Elementary

Semester 1

ENG-321	Functional English -1	3(3-0)
ISL-321	Islamic Studies/ Ethics	2(2-0)
EDU-305	Child development	3(3-0)
EDU-URD-307	Urdu/ regional languages	3(3-0)
EDU-GS-309	General Science Content	3(3-0)
EDU-311	General Methods of Teaching	3(3-0)

Semester 2

ENG-322	English II (Communication Skills)	3(3-0)
EDU-CSI-304	Computer Literacy	3(3-0)
EDU-306	Classroom Management	3(3-0)
MTH-319	General Mathematics	3(3-0)
PST-322	Pakistan Studies	2(2-0)
EDU-312	Methods of teaching Islamic Studies	3(3-0)

Semester 3

ENG-421	English III	3(3-0)
EDU-403	Teaching literacy skills	3(3-0)
EDU-BFA-405	Art, Craft and Calligraphy	3(3-0)
EDU-407	Teaching of Urdu/Regional Languages	3(3-0)
EDU-409	Teaching of General Science	3(3-0)
EDU-632 A	Teaching Practice (Short Term)	3

Semester 4

EDU-402	Classroom Assessment	3(3-0)
EDU-404	Teaching of English	3(3-0)
EDU-406	Teaching of Mathematics	3(3-0)
EDU-408	School, Community and Teacher	3(3-0)
EDU-410	Teaching of Social Studies	2(2-0)
EDU-632 B	Teaching Practice	3

Semester 5

ENG-422	English –III (Technical writing and presentation skills)	3(3-0)
EDU-503	Foundations of education	3(3-0)
EDU-HIS-505	History-I	3(3-0)
MTH-321	Mathematics-I	3(3-0)
EDU-509	Curriculum Development	3(3-0)

EDU-511	Educational Psychology	3(3-0)
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Semester 6

EDU-502	Contemporary Trends and issues in education	3(3-0)
EDU-HIS-504	History-II	3(3-0)
MTH-322	Mathematics-II	3(3-0)
EDU-508	Comparative education	3(3-0)
EDU-510	Introduction to guidance and counseling	3(3-0)
EDU-512	Instructional and Communication Technology in Education (Professional)	3(3-0)

Semester 7

EDU-ISL-601	Islamic Studies-I	3(3-0)
EDU-ISL-603	Islamic Studies-II	3(3-0)
EDU-605	Pedagogy-I (Methods of teaching related to specialization)	3(3-0)
EDU-607	Pedagogy-II (Methods of teaching related to specialization)	3(3-0)
EDU-609	Research Methods in Education	3(3-0)
EDU-632 C	Teaching Practice (Short Term)	3

Semester 8

EDU-602	School Management	3(3-0)
EDU-604	Test development and evaluation	3(3-0)
EDU-632 D	Teaching Practice (Long term)	6
EDU-631	Research project	3

MS/M.Phil. Education

EDU-801	Advanced Educational Planning and Management	3(3-0)
EDU-802	Advanced Educational Psychology	3(3-0)
EDU-803	Curriculum Planning and Development	3(3-0)
EDU-804	Advanced Research Methods in Education	3(3-0)
EDU-STA-805	Advanced Course in Statistics	3(3-0)
EDU-806	Assessment and Evaluation in Education	3(3-0)

Area of Specialization 1: Educational Administration

EDU-811	Organizational Behavior	3(3-0)
EDU-812	Total Quality Management (TQM)	3(3-0)
EDU-813	Seminar in Educational Administration	NonCredit

Area of Specialization 2: Educational Psychology

EDU-816	Psychology of Exceptional Children	3(3-0)
EDU-817	Learning and Instruction	3(3-0)
EDU-813	Seminar in Educational Psychology	NonCredit

Area of Specialization 3: Curriculum Studies

EDU-821	Trends and Issues in Curriculum	3(3-0)
EDU-822	Curriculum Change and Innovation in Education	3(3-0)
EDU-823	Seminar in Curriculum Studies	NonCredit
EDU-830	Thesis	6

MA Education

Semester 1

EDU-551	Philosophy of Education	3(3-0)
EDU-553	Introduction to Educational Psychology	3(3-0)
EDU-555	Sociology of education	3(3-0)
EDU-557	Educational Management & Supervision	3(3-0)
EDU-559	Curriculum Development & Implementation	3(3-0)
EDU-561	Research Methods in education	3(3-0)

Semester 2

EDU-552	Educational Technology	3(3-0)
EDU-554	Education in Pakistan	3(3-0)
EDU-556	Educational Measurement & Evaluation	3(3-0)
EDU-558	Computer Application in Education	3(3-0)
EDU-560	One content improvement course from the following 1- Content improvement course in Urdu 2- Content improvement course in English 3- Content improvement course in Social Studies 4- Content improvement course in Physical Science	3(3-0)

Semester 3

EDU-651	Area of specialization	3(3-0)
EDU-653	Contemporary Trends & Issues in Education	3(3-0)
EDU-655	One course of teaching methodologies from the following 1- Methods of teaching Urdu 2- Methods of teaching English 3- Methods of teaching Social Sciences 4- Methods of teaching Physical Sciences	3(3-0)

EDU-680	Thesis/Two substitute courses	6
EDU-657	Report Writing in Educational Research	
EDU-659	Statistical Application In Education	

Semester 4

EDU-652	Area of Specialization	3(3-0)
EDU-654	Educational Change	3(3-0)
EDU-556	Teaching Profession	3(3-0)
EDU-658	Comparative Education	3(3-0)
EDU-682	Teaching Practice	6

Areas of Specialization

Note: The students will select any two courses from any one area of specialization. Area of specialization will be offered subject to availability of teachers.

Educational Management

EDU-651 A: Human Resource Management

EDU-652 A: Personnel Management

EDU-652 A: Educational Law

Educational Psychology

EDU-651 B: Psychology of Exceptional Children

EDU-652 B: Theory and Application of Psychological Testing

EDU-652 B: Human Development

Curriculum and Instruction

EDU- 651 C: Theories & Models of Curriculum

EDU- 652 C: Curriculum Development and change

EDU- 652 C: Curriculum Implementation and Practices

Ph.D. Education

Semester 1

HED801	Academic Writing Skills	3 (3-0)
HED802	Data Analysis Techniques-I	3 (3-0)
HED803	Research Methodology: (Qualitative, Quantitative & Mixed Method)	3 (3-0)
HED804	Education Policy Planning and Management	3 (3-0)
HED804	Position Paper 3000 words	3 (3-0)

Semester 2

HED806	Data Analysis Technique-II/ Practicum SPSS, NVIVO Excel	2(2-0)
HED807	Trends and Issues of Education in Pakistan	2(2-0)
HED808	Readings in Teacher Education (TE): Recent Developments in TE	2(2-0)
HED812	Ph.D. Thesis	48(0-144)



Faculty

Dr. Muhammad Asim Mahmood

Associate Professor / Chairman
PhD
Specialization: Corpus Linguistics, Pakistani English

Dr. Aleem Shakir

Assistant Professor
PhD
Specialization: Corpus Linguistics, Multidimensional (MD) Analysis, Advertising English, Hotel English, English for Specific Purposes

Abdul Baseer

Lecturer
MPhil
Specialization: Literary Stylistics, Pakistani Novels in English, Psychoanalysis

Hafiz Muhammad Fazle Haq

Lecturer (on study leave)
MPhil
Specialization: English for Specific Purposes (ESP)

Ms. Rabia Yasmeen

Lecturer
MPhil
Specialization: Sociolinguistics, Testing and Evaluation

Syed Kazim Shah

Lecturer
MPhil
Specialization: English Language Teaching

Muhammad Javed Iqbal

Lecturer (on study leave)
MPhil
Specialization: Translation Studies

Hafiz Muhammad Qasim

Lecturer (on study leave)
MPhil
Specialization: English Language Teaching, Systemic

Functional Grammar, Lexicography

Ms. Ansa Sattar

MPhil
Specialization: Discourse Analysis, Corpus Linguistics

Ms. Aisha Zulfiqar Ch.

MPhil
Specialization: Corpus Linguistics, World Englishes

Ms. Kiran Shahbaz

MPhil
Specialization: English Language Teaching, Stylistics

Muhammad Bilal

Lecturer (Visiting)
MA
Specialization: English Language Teaching



Scheme of Studies

BS English Linguistics & Literature

Semester 1

LNG-301	Introduction to Linguistics	3
LNG-302	Study Skills	3
LNG-303	Introduction to Computer	3
LNG-304	Grammar	3
LNG-305	Introduction to Literary Studies	3
LNG-306	English for Academic Purposes	3

Semester 2

LNG-307	Pakistan Studies	2
LNG-308	Sociology	3
LNG-309	Sociolinguistics	3
LNG-310	Phonetics & Phonology	3
LNG-311	Poetry I	3
LNG-312	History of English Literature	3

Semester 3

LNG-401	Teaching Language Skills	3
LNG-402	Advanced English Grammars	3
LNG-403	Islamiat	3
LNG-404	ELT Methods & Approaches	3
LNG-405	Drama I	3
LNG-406	Communication Skills	3

Semester 4

LNG-407	Testing & Evaluation	3
LNG-408	Psychology	3
LNG-409	CALL	3(2-1)
LNG-410	Stylistics-I	3
LNG-411	Drama-II	3
LNG-412	Language & Gender	3

Semester 5

LNG-501	Psycholinguistics	3
LNG-502	Statistics	3(2-1)
LNG-503	Translation Studies	3
LNG-504	Stylistics-II	3
LNG-505	Corpus Linguistics	3(2-1)
LNG-506	Narratology	3

Semester 6

LNG-507	Research Methodology	3
LNG-508	Literary Criticism	3
LNG-509	World English	3
LNG-510	Pakistani Literature in English	3
LNG-511	Semantics & Pragmatics	3

LNG-512	Second Language Acquisition (SLA)	3
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Semester 7

LNG-601	English for Employment (EFE)	3
LNG-602	Literary Theory	3
LNG-603	Syllabus Design & Materials Development	3
LNG-604	Discourse Analysis	3
LNG-605	Forensic Linguistics	3

Semester 8

LNG-606	Poetry-II	3
LNG-607	Research Methodology	3
LNG-608	Schools of Linguistics	3
LNG-609	Novel	3
LNG-610	ESP	3

MA English Linguistics & Literature

Semester 1

LNG-551	Introduction to Linguistics	3
LNG-552	Study Skills	3
LNG-553	Language skills	3
LNG-554	Grammar	3
LNG-555	Language Learning Theories, Methods & Approaches	3
LNG-556	Poetry	3

Semester 2

LNG-557	Translation Studies	3
LNG-558	Research Methodology	3
LNG-559	Stylistics I	3
LNG-560	Sociolinguistics	3
LNG-561	Testing & Evaluation	3
LNG-562	Drama	3

Semester 3

LNG-651	Syllabus Design & Materials Development	3
LNG-652	Semantics & Pragmatics	3
LNG-653	Corpus Linguistics	3(2-1)
LNG-654	Stylistics II	3
LNG-655	Schools of Linguistics (optional)	3
LNG-656	Novel	3

Semester 4

LNG-657	Advanced English Grammars	3
LNG-658	Discourse Analysis	3
LNG-659	Phonetics & Phonology	3
LNG-660	World Englishes	3
LNG-661	Computer Assisted Language Learning	3(2-1)
LNG-662	Literary Theory (optional)	3

M.Phil. Applied Linguistics

Semester 1

LNG-701	Research Methodology-I (Core Course)	3
LNG-702	Optional Course 1	3
LNG-703	Optional Course 2	3
LNG-704	Optional Course 3	3

Note: Three optional courses will be offered in Semester 1 from the following:

- Advance Phonetics & Phonology
- Language in Social Context
- Stylistics
- World Englishes
- Translation Studies
- Computer Assisted Language Learning

Semester 2

LNG-705	Research Methodology-II(Core Course)	3
LNG-706	Optional Course 1	3
LNG-707	Optional Course 2	3
LNG-708	Optional Course 3	3

Note: Three optional courses will be offered in Semester 1 from the following:

- Discourse Analysis
- Applied Linguistics
- Syntax
- Corpus Linguistics
- Semantics & Pragmatics
- Bilingualism

Semester 3 & 4

LNG-750	Thesis	06
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Ph.D. Linguistics

Semester 1

LNG-801	Research Methods-I	3(3-0)
LNG- 802	Two courses must be chosen from the following	3(3-0)
LNG 803	<ul style="list-style-type: none"> • Philosophy of Language & Linguistic Analysis • Applied Lexicology • Advanced Stylistics • English Syntax • Advancement in Second Language Acquisition • Sociolinguistics • Computer Assisted Language Learning 	

Semester 2

LNG-804	Research Methods-I	3(3-0)
LNG-805	Two courses must be chosen from the following	3(3-0)
LNG-806	<ul style="list-style-type: none"> • Bilingualism • ESP • ELT Management • Language & Gender • Language, Culture & Identity • Translation Studies • Phonetics & Phonology • Language & Gender • Discourse Analysis 	

Semester 3 & 4

LNG- 830	Thesis (50,000-60,000 Words)	
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Programs Offered

- BS English Literature
- MA English Literature
- M.Phil. English Literature

Chairperson:

Dr. Muhammad Shahbaz Arif

Department of English Literature

Contact: 041-9201413, 041-9200066-70, Ext: 164

Email: engliterature@gcuf.edu.pk

Vision

The vision of the Department of English Literature at Government College University is to enable the students to cope with the radical changes taking place in the field of knowledge and to stimulate humanistic learning and the capacity to respond rationally and imaginatively to literature and the life it reflects. Through the advancement of knowledge, skills and human creativity, the Department prepares students to be independent and enlightened thinkers, professionals and opinion leaders of tomorrow.

Mission

The mission of the English Department Literature at Government College University is to inspire an appreciation for the English language and its literatures, and to cultivate its effective use in creative expression and day-to-day life. The Department strives to enhance

student success by fostering an environment conducive to intellectual and personal growth and aims to preserve and protect academic freedom and intellectual independence, and provide a forum for critical inquiry and debate. Our mission is to instill in the students a spirit of critical inquiry, capability to look beyond their parochial surroundings and analytical vision to place and define themselves in the wider social, cultural, political and ideological environment. Through our extensive curriculum, we aim at development of an educated and enlightened population capable of informed judgment and responsible citizenship and the availability of persons who have the knowledge, skills and adaptability required by public and private enterprise.

Introduction

The Department of English Literature is one of the leading departments of the University with a rich history of excellence, quality teaching and research spanning over decades. The Department has always been

committed to the symbiotic relationship of teaching, research and the larger concerns of society. The Department of English seeks to provide for the diverse needs of its students by offering them the opportunity to read widely, to understand and enjoy what they read, and to express themselves both orally and in writing with ease, force and clarity. The English Department maintains its strong commitment to traditional areas of study, while also supporting groundbreaking research and teaching in new and interdisciplinary approaches to literary studies. Courses are designed to be challenging, interesting and intellectually stimulating. The state of the art courses like Post-Colonial Literature, Modern Literary Theory, Literature around the World and Pakistani Literature in English, Popular Narrative, Media and Culture Studies and Comparative Literature have been added in the curriculum to give a diverse perspective to the students and to convey knowledge of literary history, literary forms and literary theory. The Department grants BS, MA, and M Phil degrees. We

are one of the largest departments in the university with over 30 faculty members. The Department of English caters for the needs of other departments related to English language, hence maintaining close ties with other departments. English Department teaches across the whole range of English literature and language studies. Our aim is to provide students with a stimulating environment in which to develop skills in all areas of English.



Faculty

Dr. Muhammad Shahbaz Arif

Professor
PhD
Specialization: Morphology, Syntax, Research Methodology, Phonetics & English Phonology, English Drama, Criticism

Ms. Sofia Dildar Alvi

Lecturer
M.Phil
Specialization: Classical Literary Theory, Pakistani Literature, Halliday's Functional Linguistics

Mr. Aamer Shaheen

Lecturer
M.Phil
Specialization: Novel in "englishes", Pakistani Literature in English, Literary Theory, Post-colonial Theory & Literature, Literary Stylistics

Ms. Ammara Javed

Lecturer
M.Phil
Specialization: Applied Linguistics

Mr. Ghulam Murtaza

Lecturer (On Study Leave)
M.Phil , PhD (Scholar)
Specialization: Modern Literary Theory, Stylistics

Mr. Ali Usman Saleem

Lecturer (On Study leave)
M.Phil , PhD (Scholar)
Specialization: Modern Literary Theory, Postcolonial Studies

Ms. Sadia Qamar

Lecturer
M.A ,M.Phil, B.Ed, Diploma in TOFEL, L.L.B
Specialization: Modern English Poetry, Novel in "englishes", Pakistani literature in English, Literary Theory, Post-colonial Theory & Literature, Sociolinguistics

Ms. Saira Akhtar

Lecturer
M.Phil
Specialization: Poetry, Novel & Stylistics

Ms. Sadia Waheed

Lecturer
M.Phil
Specialization: Poetry and Prose

Ms. Asma Aftab

Lecturer
M.Phil , PhD (Scholar)
Specialization: Feminist Literary Criticism

Mr. Noor-ul-Qamar Qasmi

Lecturer
M.A English, M.Phil (Scholar)
Specialization: Popular Narrative, Post Colonialism

Ms. Khamsa Qasim

Lecturer
M.Phil
Specialization: American Literature, Literary Theory

Ms. Sahar Javaid

Lecturer
M.Phil (Literature)
Specialization: English Literature, Novel, Communication Skills

Mr. Muhammad Afzal Janjua

Lecturer
BA (HONS) English Literature
Specialization: Post-colonial , History of Literature, Novel, Criticism

Mr. Khalid Mahmood

Lecturer
M.Phil , PhD (Scholar)
Specialization: Post-colonial, CDA, Corpus Linguistics

Ms. Safana Hashmat

Lecturer
M.Phil (Linguistics)
Specialization: Literature & Linguistics

Ms. Saddaf Rashid

Lecturer
M.A English
Specialization: Modern American Poetry

Ms. Uzma Asmat

Lecturer (On Deputation)
M.Phil (Linguistics)
Specialization: Discourse Analysis

Ms. Sajida Iqbal

Lecturer
M.Phil (Linguistics)
Specialization: Stylistics, Prose, Literary Criticism

Ms. Nosheen Yousaf

Lecturer
M.A English
Specialization: Novel

Ms. Kanza Umer Khan

Lecturer
M.A English, M.Phil (Scholar)
Specialization: Greek & Elizabethan Drama, Literary Theory

Mr. Tasawar Abbas

Lecturer
M.Phil (UMT Lahore)
Specialization: Syntax, Semantics, Classical Drama

Ms. Sadia Akram

Lecturer
M.Phil English
Specialization: Prose, Literary Theory

Ms. Anum Javed

Lecturer
M.A English
Specialization: Greek Drama, Romantic & Victorian Poetry

Ms. Hina Kanwal

Lecturer
M.A English
Specialization: American Literature

Ms. Aneela Azhar

Lecturer
M.A English
Specialization: Poetry

Mr. Muhammad Hassan Lali

Lecturer
M.A English
Specialization: Drama & Poetry

Ms. Farkhanda Nazir

Lecturer
M.A English, M.Phil (Scholar)
Specialization: Literary Theory, Research Methodology & Novel



BS English Literature

Semester 1

ENG-301	English-1 (Grammar)	3(3-0)
ENG-303	Introduction to Literary Studies	3(3-0)
ENG-305	History of English Literature-1	3(3-0)
ENG-307	Elective	3(3-0)
ENG-321	English for Academic Purposes (EAP)	3(3-0)
ISL-321	Islamiyat	2(2-0)

Semester 2

ENG-302	English-2 (Reading and Study Skills)	3(3-0)
ENG-304	Classical Poetry	3(3-0)
ENG-306	History of English literature-2	3(3-0)
ENG-308	General Linguistics	3(3-0)
ENG-310	Elective	3(3-0)
PST-301	Pakistan Studies	2(2-0)

Semester 3

ENG-401	English-3 (Writing Skills)	3(3-0)
ENG-403	Greek Drama	3(3-0)
ENG-405	Prose	3(3-0)
ENG-407	Computer Literacy	3(3-0)
ENG-409	Elective	3(3-0)
ENG-411	Elective	3(3-0)

Semester 4

ENG-402	English-4 (Listening , Speaking and Presentation skills)	3(3-0)
ENG-404	Literary Criticism	3(3-0)
ENG-406	Elizabethan Drama	3(3-0)
ENG-408	Novel -1	3(3-0)
ENG-410	Phonetics and Phonology	3(3-0)
ENG-412	Elective-4	3(3-0)

Semester 5

ENG-501	Romantic & Victorian Poetry	3(3-0)
ENG-503	Modern Drama	3(3-0)
ENG-505	American Literature-1 (Drama)	3(3-0)
ENG-507	Literary Theory-1	3(3-0)
ENG-509	Pakistani Literature in English-1	3(3-0)
ENG-511	TEFL	3(3-0)

Semester 6

ENG-502	Modern Poetry	3(3-0)
ENG-504	Novel-2	3(3-0)
ENG-506	American Literature-11 (Poetry & Novel)	3(3-0)
ENG-508	Literary Theory-11	3(3-0)
ENG-510	Literary Text Analysis	3(3-0)
ENG-512	South Asian Literature	3(3-0)

Semester 7

ENG-601	Novel-3	3(3-0)
ENG-603	Pakistani Literature in English-11	3(3-0)
ENG-605	Postcolonial Studies	3(3-0)
ENG-607	World Literature	3(3-0)
ENG-609	Research Methodology	3(3-0)
ENG-621	English for Employment	3(3-0)

Semester 8

ENG-602	Comparative Approaches to Literary Studies	3(3-0)
ENG-604	Sub- Continental Literature	3(3-0)
ENG-606	Media and Culture Studies	3(3-0)
ENG-608	Russian and French Literature	3(3-0)
ENG-610	Popular Narrative	3(3-0)
ENG-612	Literature of War and Conflict	3(3-0)
ENG-630	Thesis	6(6-0)

MA English Literature

Semester 1

ENG-551	Classical Poetry	3(3-0)
ENG-553	Greek and Elizabethan Drama	3(3-0)
ENG-555	History of English Literature	3(3-0)
ENG-557	Prose	3(3-0)
ENG-559	Academic Reading and Writing	3(3-0)
ENG-561	Sentence Analysis	3(3-0)
	OR	
ENG- 563	Form and Meaning	

Semester 2

ENG- 552	Literary Criticism	3(3-0)
ENG- 554	Novel-1	3(3-0)
ENG- 556	Romantic and Victorian Poetry	3(3-0)
ENG- 558	American literature	3(3-0)
ENG- 560	Literary theory	3(3-0)
ENG-562	TEFL	3(3-0)
	OR	
ENG-564	General Linguistics	

Semester 3

ENG-651	Research Methodology	3(3-0)
ENG-653	Modern drama	3(3-0)
ENG-655	Modern Poetry	3(3-0)
ENG-657	Postcolonial Studies	3(3-0)
ENG-659	Literature around the World	3(3-0)
ENG-661	Theater of the Absurd	3(3-0)

Semester 4

ENG-652	Modern Novel	3(3-0)
ENG-654	Pakistani Literature in English	3(3-0)
ENG-656	Short Stories	3(3-0)
ENG-658	Popular Narrative	3(3-0)
ENG-660	Comparative Approaches to Literary Studies	3(3-0)
ENG-662	Media and Culture Studies	3(3-0)
	Or	
ENG-664	Literary Text Analysis	
ENG-680	Thesis	6(6-0)

M.Phil. English Literature

Semester 1

ENG-701	Literary Criticism and Theory	3(3-0)
ENG -702	Contemporary Poetry and Drama	3(3-0)
ENG -703	Novel and Short Story	3(3-0)
ENG -704	Research Methodology – 1	3(3-0)

Semester 2

ENG -705	Postcolonial Studies	3(3-0)
ENG -706	Pakistani Literature	3(3-0)
	OR	
ENG -707	American Literature	3(3-0)
ENG -708	World Literature in Translation	3(3-0)
ENG -709	Research Methodology – II	3(3-0)

Additional Optional Courses

ENG -710	South Asian Literature	3(3-0)
ENG -711	Postmodern and Postcolonial Novel	3(3-0)
ENG -712	Modern Drama	3(3-0)

Semester 3 & 4

ENG-730	Thesis	12
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Programs Offered

- BTD Textile Design (4 Year)
- BGD Graphic Design (4 Year)
- BFD Fashion Design (4 Year)
- BFA Painting (4 Year)
- Diploma Textile Design (1 Year) Evening
- Diploma Graphic Design (1 Year) Evening
- Diploma Fashion Design (1 Year) Evening
- Diploma Painting (1 Year) Evening

Coordinator:

Ms. Tehmina Afzal

Institute of Art & Design

Contact: 041-9201226, 041-9200059

Email: finearts@gcuf.edu.pk

Vision

The Vision of the institute of Art & Design is to promote art and aesthetic sense at the demand of national and international requirements.

Vision

The mission of the institute is to prepare an artistic and educational community that values creativity, innovation, and conceptual tracks. The institute craves to temper craftsmanship with discipline and knowledge in the all fields of Art & Design related professions.



Introduction

Faisalabad Institute of Textile & Fashion Design offers 4 year degree programs in Textile Design, Fashion Design, Graphic Design and Fine Arts. Our upcoming programs are M.A Fine Arts (Morning/Evening), 1 year diplomas are in Multimedia, Textile Design, Graphic Design, and Fashion Design & Painting. Furthermore, 8 short courses of 6 months duration are in Textile design, Weaving, Interior Design, Drawing & Sketching, Calligraphy and Hani-Craft as well. Studio teaching at institute is supported by well-equipped laboratories, broadband internet access, a sculpture workshop, photographic studio sewing lab, Pattern lab, print making studio drawing lab, a library and well equipped graphic and general labs. The following courses are being offered in BFA (Textile Design/Graphic Design/Fine Arts & Fashion Design



Faculty

Mrs. Tehmina Afzal

Assistant Professor / Coordinator
M.F.A Graphic Design

Mr. Wajahat Ali

Assistant Prof.

Mr. M. Asghar Rehamni

Lecturer (On study Leave)

Mr. Faheem Tufail

Lecturer
M.A. Visual Arts

Mr. M. Shahid Anjum

Lecturer
M.F.A Graphic Design (On study Leave)

Mr. Mohsin Mirza

Lecturer
M.F.A. Painting

Mr. Muhammad Ali

Lecturer
M.F.A Graphic Design

Ms. Sammra Shehzad

Lecturer
B.F.A. textile design

Mr. Abu bakar Noorni

Lecturer
Fashion design

Ms. Sadia Shafqat

Lecturer
M.A. interior design

Ms. Baneen Nazir

Lecturer
M.A. painting

Ms. Sabeen

Lecturer
MA Painting

Ms. Sana Arslan

Lecturer
M.F.A. painting

Ms. Yousra Saleem

Lecturer
Bachelor in Fashion Design

Ms. Aliya Shafqat

Lecturer
B.F.A Textile Design

Mr. Rizwan Munir

Lecturer
B.Sc Textile Engineering

Mr. Sajjad Ahmad Lakhnavi

Lecturer
B.F.A Textile Design

Mr. Abu Bakkar Noorani

Lecturer
Fashion Design

Ms. Aneeza Saleem

Lecturer
Graphic Design

Ms. Farwa Batool

Lecturer
Graphic Design

Ms. Rabia Shareen

Teaching Assistant
M.A. Fine Arts



Scheme of Studies

BFD Fashion Design (Specialization)

Semester 1

FF101	Basic Design I	3(0-6)
FF 103	Basic Sculpture I	3(0-6)
FF 104	Basic Drawing I	3(0-6)
FF 105	Basic Calligraphy I	2(0-4)
FF 106	History of Arts I	2(2-0)
FF 107	Visual Arts I	2(2-0)
FF 108	English I	2(2-0)
FF 109	Pattern & Sewing I	3(0-6)

Semester 2

FF 201	Basic Design II	3(0-6)
FF 203	Basic Sculpture II	3(0-6)
FF 204	Basic Drawing II	3(0-6)
FF 205	Basic Calligraphy II	2(0-4)
FF 206	History of Arts II	2(2-0)
FF 207	Visual Arts II	2(2-0)
FF 208	English II	2(2-0)
FF 209	Pattern & Sewing II	3(0-6)

Semester 3

BFD 719	Pattern I	3(0-6)
BFD 720	Draping I	3(0-6)
BFD 721	Sewing I	3(0-6)
BFD 722	Fashion Drawing I	3(0-6)
BFD 723	Textile Design I	3(0-6)
BFD 724	Computer Graphics I	2(0-4)
BFD 725	History of Fashion Costume I	2(2-0)
BFD 726	Islamiat	2(2-0)
BFD 727	Textile & Fashion Technology I	2(2-0)

Semester 4

BFD 728	Pattern II	3(0-6)
BFD 729	Draping II	3(0-6)
BFD 730	Sewing II	3(0-6)
BFD 731	Fashion Drawing II	3(0-6)
BFD 732	History of Fashion costume II	2(2-0)
BFD 733	Computer graphics II	2(0-4)
BFD 734	Textile Design II	3(0-6)
BFD 735	Pak Studies	2(2-0)

Semester 5

BFD 738	Fashion Drawing III	3(0-6)
BFD 739	Textile Design III	3(0-6)
BFD 740	Pattern III	3(0-6)
BFD 741	Draping III	3(0-6)

BFD 742	Sewing III	3(0-6)
BFD 743	Computer Graphic III	2(0-4)
BFD 744	History of Fashion Costume III	2(2-0)
BFD 745	Marketing I	2(2-0)

Semester 6

BFD 746	History of Fashion Costume IV	2(2-0)
BFD 747	Textile Design IV	3(0-6)
BFD 748	Computer Graphics IV	2(0-4)
BFD 749	Fashion Drawing IV	3(0-6)
BFD 750	Draping IV	3(0-6)
BFD 751	Textile & Fashion Technology II	2(2-0)
BFD 752	Research methodology I	2(2-0)
BFD 753	Pattern collection I	4(0-8)

Semester 7

BFD 754	Fashion Drawing/ Illustration V	3(0-6)
BFD 755	Patten Collection II	4(0-8)
BFD 756	Draping V	3(0-6)
BFD 757	Textile Design V	3(0-6)
BFD 758	Marketing & Merchandising I	2(2-0)
BFD 759	Garments Technology	2(2-0)

Semester 8

BFD 760	(Fashion)Pattern Collection (Thesis)	8(0-16)
BFD 761	Marketing & Merchandising II	2(2-0)

BFA Painting (Major)

Semester 1

FS001A	Basic Design I	3(0-6)
FS002A	Basic Drafting I	3(0-6)
FS003A	Basic Sculpture I	3(0-6)
FS004A	Basic Drawing I	3(0-6)
FS005A	Basic Calligraphy I	2(0-4)
FT001A	History of Arts I	2(2-0)
FT002A	Visual Arts I	2(2-0)
FT004A	English I	2(2-0)

Semester 2

FS001B	Basic Design II	3(0-6)
FS002B	Basic Drafting II	3(0-6)
FS003B	Basic Sculpture II	3(0-6)
FS004B	Basic Drawing II	3(0-6)
FS005B	Basic Calligraphy II	2(0-4)
FT001B	History of Arts II	2(2-0)
FT002B	Visual Arts II	2(2-0)
FT004B	English II	2(2-0)

Semester 3

SFS001	Painting	6(0-12)
SFS002	Printmaking	6(0-12)
SFS005A	Drawing I	3(0-6)
ST001A	History of Arts III	2(2-0)
FT003	Islamiat	2(2-0)

Semester 4

SFS003	Sculpture	6(0-12)
SFS004	Miniature Painting	6(0-12)
SFS005B	Drawing II	3(0-6)
SFT001B	History of Arts IV	2(2-0)
FT005	Pakistan studies	2(2-0)

Semester 5

TFS001A	Painting (Major) I	11(0-22)
TFS005A	Drawing III	3(3-0)
TFT001A	History of Arts V	2(2-0)

Semester 6

TFS001B	Painting (Major) II	11(0-22)
TFS005B	Drawing IV	3(0-6)
TFT001B	History of Arts VI	2(2-0)

Semester 7

FFPS001	Painting (Major) III	11(0-22)
FFS001	Drawing V	3(0-6)
FFT001	History of Arts VII	2(2-0)

Semester 8

FFPT	Painting (Thesis)	10(0-20)
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BTD Textile Design (Major)

Semester 1

FS001A	Basic Design I	3(0-6)
FS002A	Basic Drafting I	3(0-6)
FS003A	Basic Sculpture I	3(0-6)
FS004A	Basic Drawing I	3(0-6)
FS005A	Basic Calligraphy I	2(0-4)
FT001A	History of Arts I	2(2-0)
FT002A	Visual Arts I	2(2-0)
FT004A	English I	2(2-0)

Semester 2

FS001B	Basic Design II	3(0-6)
FS002B	Basic Drafting II	3(0-6)
FS003B	Basic Sculpture II	3(0-6)
FS004B	Basic Drawing II	3(0-6)
FS005B	Basic Calligraphy II	2(0-4)

FT001B	History of Arts II	2(2-0)
FT002B	Visual Arts II	2(2-0)
FT004B	English II	2(2-0)

Semester 3

SDS001A	Textile Design I	3(0-6)
SDS002A	Graphic Design I	3(0-6)
SDS003A	Drawing I	3(0-6)
SDS004A	Calligraphy I	2(0-4)
SDS005A	Computer Graphics I	2(0-4)
SDS006A	Photography I	2(0-4)
SDT001A	History of Design I	2(2-0)
FT003	Islamiat	2(2-0)

Semester 4

SDS001B	Textile Design II	3(0-6)
SDS002B	Graphic Design II	3(0-6)
SDS003B	Drawing II	3(0-6)
SDS004B	Calligraphy II	2(0-4)
SDS005B	Computer Graphics II	2(0-4)
SDS006B	Photography II	2(0-4)
SDT001B	History of Design II	2(2-0)
FT005	Pakistan studies	2(2-0)

Semester 5

TDS001A	Drawing III	3(0-6)
TDT001A	History of Design III	2(2-0)
TDTS001A	Textile Design (Major) I	6(0-12)
TDTS002A	Weaving I	2(0-4)
TDTS-003A	Computer Graphics III	2(0-4)
TDTT001A	Textile Printing I	2(2-0)

Semester 6

TDTS002B	Weaving II	2(0-4)
TDTS003B	Computer Graphics IV	2(0-4)
TDS001B	Drawing IV	3(0-6)
TDT001B	History of Design IV	2(2-0)
TDTS001B	Textile Design (Major) II	6(0-12)
TDTT001B	Textile Printing II	2(2-0)

Semester 7

FDS001	Drawing V	3(0-6)
FDT001	History of Design V	2(2-0)
FDTS001	Textile Design (Major) III	9(0-18)
FDTT001	Textile Printing III	2(2-0)

Semester 8

FTDT	Textile Design (Thesis)	10(0-20)
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BGD Graphic Design (Major)

Semester 1

FS001A	Basic Design I	3(0-6)
FS002A	Basic Drafting I	3(0-6)
FS003A	Basic Sculpture I	3(0-6)
FS004A	Basic Drawing I	3(0-6)
FS005A	Basic Calligraphy I	2(0-4)
FT001A	History of Arts I	2(2-0)
FT002A	Visual Arts I	2(2-0)
FT004A	English I	2(2-0)

Semester 2

FS001B	Basic Design II	3(0-6)
FS002B	Basic Drafting II	3(0-6)
FS003B	Basic Sculpture II	3(0-6)
FS004B	Basic Drawing II	3(0-6)
FS005B	Basic Calligraphy II	2(0-4)
FT001B	History of Arts II	2(2-0)
FT002B	Visual Arts II	2(2-0)
FT004B	English II	2(2-0)

Semester 3

SDS001A	Textile Design I	3(0-6)
SDS002A	Graphic Design I	3(0-6)
SDS003A	Drawing I	3(0-6)
SDS004A	Calligraphy I	2(0-4)
SDS005A	Computer Graphics I	2(0-4)
SDS006A	Photography I	2(0-4)
SDT001A	History of Design I	2(2-0)
FT003	Islamiat	2(2-0)

Semester 4

SDS001B	Textile Design II	3(0-6)
SDS002B	Graphic Design II	3(0-6)
SDS003B	Drawing II	3(0-6)
SDS004B	Calligraphy II	2(0-4)
SDS005B	Computer Graphics II	2(0-4)
SDS006B	Photography II	2(0-4)
SDT001B	History of Design II	2(2-0)
FT005	Pakistan studies	2(2-0)

Semester 5

TDPS001A	Graphic Design (Major) I	6(0-12)
TDPS002A	Photography III	2(0-4)
TDPS003A	Computer Graphics III	2(0-4)
TDPT001A	Graphic Printing I	2(2-0)
TDS001A	Drawing III	3(0-6)
TDT001A	History of Design III	2(2-0)

Semester 6

TDPS001B	Graphic Design (Major) II	6(0-12)
TDPS002B	Photography IV	2(0-4)
TDPS003B	Computer Graphics IV	2(0-4)
TDPT001B	Graphic Printing II	2(2-0)
TDS001B	Drawing IV	3(0-6)
TDT001B	History of Design IV	2(2-0)

Semester 7

FDPS001	Graphic Design (Major) III	7(0-14)
FDPT001	Graphic Printing III	2(2-0)
FDS001	Drawing V	3(0-6)
FDT001	History of Design V	2(2-0)

Semester 8

FPDT	Graphic Design (Thesis)	10(0-20)
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Programs Offered

- BS History
- MA History
- M.Phil. History

- BS Pakistan Studies
- M.Sc. Pakistan Studies
- M.Phil. Pakistan Studies

Incharge:

Mr. Abdul Qadir Mushtaq

Department of History & Pakistan Studies

Contact: 041-9201428, 041-9200066-70, Ext: 271

Email: history@gcuf.edu.pk

Vision

We aim to be a leader of the disciplines of social sciences by developing analytical tools excelling in teaching, scholarship and exploiting opportunities for academic research.

Mission

The Department of History and Pakistan Studies is dedicated to the pursuit of academic excellence and diversity. The department strives to polish the students' intellectual curiosity with a focus on tools to assess and solve complex problems and inculcate skills to become independent and motivated decision-makers.

Introduction

The Department of History and Pakistan Studies was established in 2003. It was renamed as Department of

History and Pakistan Studies in 2011. The Department offers programmes i.e. M.Sc. (Morning/Evening) and M.Phil (Evening) in both History and Pakistan Studies. It aims to impart learning and understanding of the philosophical, social and cultural, political and economic contours of the discipline of History as well as various aspects of the state and society of Pakistan. It also attempts to orientate the students towards the institutional strengths and weakness of the government to reinforce its strengths and correct what we may call our deficiencies.

Our goal is to make the department as a centre of excellence by producing capable experts and quality research in both the disciplines of History and Pakistan Studies. The Department would launch Ph.D. and BS (Hons.) programmes in near future. Pakistan Studies is an inter-disciplinary subject and it offers courses which have close affinity with and understanding of other subjects of Social Sciences such as Economics, Sociology, History, Political Science and Pakistani languages and

their literature. We are trying our best to encourage and prepare the students for the exploration, analysis and advancement of research on the issues besetting Pakistan internally and externally. In this regard, the authorities of the university are planning to establish a Research Centre in near future which would not only concentrate on the basic issues of Pakistani state and society but also examine and boost the prospects of peace in South Asia and suggest ways and means to promote harmony and stability in the region.

Similarly, History is an important discipline of social sciences and the 'characteristic feature of our time is the growth of historical consciousness'. The major aim of imparting education in History is not only to do meaningful inquiry and research into the areas of past but also to produce the enlightened citizens who may contribute in the welfare of their fellow citizens.

Faculty

Mr. Abdul Qadir Mushtaq

M.Phil (Pak. Studies), GCUF, Law (PU)

Assistant Professor/ Incharge

Specialization: Constitutional and Political History of Pakistan, Foreign Policy of Pakistan

Mr. Ghulam Ghous

M.Phil (History) QAU Islamabad

Assistant Professor

Specialization: Freedom Movement, Party Politics and Political Parties in Pakistan, Historiography and Philosophy of History.

Dr. Shahid Latif

Ph.D. (History) USSR

Assistant Professor

Specialization: Migration and Ethnicity

Dr. Rizwan Ullah Kokab

Ph.D (History) PU Lahore

Assistant Professor

Specialization: Modern History of South Asia, Movements Leadership, Separatism

Ms. Zil-e-Huma Rafique

M.Phil (Pak. Studies) GCUF

Lecturer (On Study Leave)

Specialization: Pak-US Relations, Political History of Pakistan

Ms. Somia Tasneem

M.Phil (Pakistan Studies) GCUF

Lecturer (FDP)

Specialization: Culture and Tourism

Ms. Bushra Shaukat

M.Sc. (Pakistan Studies) QAU Islamabad

Lecturer

Specialization: Religion and Politics in Pakistan

Ms. Asma Naureen

M.Phil (History) PU Lahore

Lecturer

Specialization: Pakistan Movement

Ms. Iffat Tahira

M.Phil (Pakistan Studies) GCUF

Lecturer

Specialization: Local Self Government in Pakistan

Mr. Muhammad Hassan Sanwal

MSc Pakistan Studies (GCUF), M.A History (PU), Law (BZU)

Lecturer

Specialization: Freedom Movement and Modern History of Pakistan, Political Economy of Pakistan

Mr. Zaighum Sarfraz Kamoka

M.Phil (History) QAU Islamabad

Lecturer

Specialization: Modern South Asia and Governance Crises in Pakistan

Mr. Mansoor Ahmed

M.Phil History (QAU Islamabad)

Lecturer

Specialization: Pakistan History

Mr. Mazhar Abbas

M.Phil History (QAU Islamabad)

Lecturer

Specialization: South Asia & Pakistan History

Mr. Tohid Ahmed Chatha

M.Phil (Pakistan studies)

Research Officer

Specialization: Religious extremism in Pakistan



Scheme of Studies

BS History

Semester 1

HIS-301	English-I	3 (3-0)
HIS-302	Islamic Studies / Ethics	2 (2-0)
HIS-303	Computer Skills	2 (2-0)
HIS-304	Introduction to History	3 (3-0)
HIS-305	Introduction to World Civilization	3 (3-0)
HIS-306	Political Sciences	3 (3-0)

Semester 2

HIS-307	English-II	3 (3-0)
HIS-308	Pakistan Studies	2 (2-0)
HIS-309	Research Methodology	3 (3-0)
HIS-310	History of Islam	3 (3-0)
HIS-311	Basic Mathematics / Statistics for Social Sciences	3 (3-0)
HIS-312	Sociology	3 (3-0)

Semester 3

HIS-401	English-III	3 (3-0)
HIS-402	Urdu / Regional Languages	3 (3-0)
HIS-403	History of Umayyads and Abbasids (661-1258)	3 (3-0)
HIS-404	History of Muslim Rule in South Asia (640-1526)	3 (3-0)
HIS-405	History of Europe (1453-1848)	3 (3-0)
HIS-406	International Relations	3 (3-0)

Semester 4

HIS-407	Economics	3 (3-0)
HIS-408	Education	3 (3-0)
HIS-409	History of Muslim Rule in South Asia (1526-1857)	3 (3-0)
HIS-410	Urdu/ Regional Language	3 (3-0)
HIS-411	Communication Skills	2 (2-0)
HIS-412	History of Muslim Rule in Spain (755-1492)	3 (3-0)

Semester 5

HIS-501	Historiography	3 (3-0)
HIS-502	History of Europe (1848-1991)	3 (3-0)
HIS-503	History of Freedom Movement (1857-1947)	3 (3-0)
HIS-504	History of Pakistan Studies (1947-1971)	3 (3-0)
HIS-505	Historical perspective of Pakistan	3 (3-0)

Semester 6

HIS-506	History of Sufism	3 (3-0)
HIS-507	History of Saffarids (1501-1786)	3 (3-0)
HIS-508	History of Pakistan (1972-2008)	3 (3-0)
HIS-509	History of Modern Muslim World	3 (3-0)
HIS-510	History of Modern Arab World (1919-1945)	3 (3-0)
HIS-511	Persian / Arabic / Turkish	2 (2-0)

Semester 7

HIS-601	History of Central Asia Il-Khanids and Timurids	3 (3-0)
HIS-602	History of Religious Thought in Islam	3 (3-0)
HIS-603	History of Muslim Social and Political thought	3 (3-0)
HIS-604	History of the Modern Arab World (1945-1992)	3 (3-0)
HIS-605	History of Muslim Cities	3 (3-0)

Semester 8

HIS-606	Research Thesis	15 Credit
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The student is required to write dissertation to be decided in consultation with the department.

Optional Courses

General History

1. Socio-Economic History of South Asia (1206-1707)
2. History of Ancient India
3. History of the Mughals (1526-1707)
4. History of the later Mughals and the advent of Europeans (1707-1857)
5. British Administration and Constitutional Development in India 1858-1947
6. History of Europe-I (1200-1789)
7. History of Europe-II (1789-1945)
8. History of International Relations-I (1919-1945)
9. History of International Relations -II (1945-2002)
10. History of Conflict, warfare and Diplomacy
11. History of England (1688-1919)
12. Constitutional History of England
13. History of USA (1776-1945)
14. History of Russia (1917-1990)
15. History of China (1949-2002)
16. History of India (1947-2002)
17. History of Afghanistan (1840-2002)
18. History of Japan (1906-2002)
19. History of Islamic Art and Culture (1924-2005)
20. History of Science and Technology
21. Regional Studies: Balochistan, Sindh, Punjab, Khayber Pukhtun-khah (NWFP), Kashmir, Gilgit & Biltistan

22. Concise World History

Indo-Pakistan Subcontinent

1. Indus Valley Civilization
2. Hindu & Buddhist Civilizations
3. History of Arab Rule in Pakistan (640-1025)
4. History of Ghaznavids and Ghorids (1025-1206)
5. History of Sultanate Period (1206-1526)
6. History of The Great Mughals (1526-1707)
7. History of Later Mughals (1707-1857)
8. History of Colonial Rule in Pakistan (1843-1947)
9. History of Cultural Links of Pakistan with Central Asia and Afghanistan
10. History of Revivalist Movement in South Asia (18th - 20th Century)
11. Pakistan Movement Phase 1 (1857-1935)
12. Pakistan Movement Phase 2 (1935-1947)
13. Constitutional History of Pakistan (1947 – 2008)
14. Political History of Pakistan (1947 – 2008)
15. Pakistan and the World Affairs (1947 – 2008)
16. Muslim Political Thought in South Asia, any three of the following (Mujaddad alf Sani, Shah Waliullah, Sir Sayyed Ahmad Khan, Maulana Ubaidullah Sindhi, Allama Mashriqi, Allama Muhammad Iqbal, Quaid-i-Azam Muhammad Ali Jinnah)

Heritage Studies

1. World Pre-history
2. Heritage of Pakistan
3. Bronze Age Civilizations
4. Principles and Methods of Archaeology
5. Principles and Methods of Museology
6. Conservation of Tangible Heritage
7. Conservation of Intangible Heritage
8. Cultural Tourism
9. Folk Arts and Crafts
10. Folk Legend, Myths, Traditions and Beliefs
11. Cultural Anthropology
12. Paleography and Epigraphy
13. Modern Techniques used in Archaeology

MA History

Semester 1

HIS-551	Early History of Islam	3 (3-0)
HIS-553	Research Methodology	3 (3-0)
HIS-555	Muslim Struggle for Independence 1858-1930	3 (3-0)
HIS-557	Government & Politics in Pakistan 1947-2000	3 (3-0)
HIS-559	Modern Europe (1789-1945)	3 (3-0)
ENG-321	EAP (English for Academic Purposes)	3(3-0)

Semester 2

HIS-552	State and Society in Muslim India 1206-1707	3 (3-0)
HIS-554	Muslim Struggle for Independence 1930-1947	3 (3-0)
HIS-556	Foreign Policy of Pakistan 1947-1997	3 (3-0)
HIS-558	Philosophy of History	3 (3-0)
HIS-560	International Relations and Organizations	3 (3-0)
CSI-553	Computer Applications	2 (2-0)

Semester 3

HIS-651	Contemporary Middle East	3 (3-0)
HIS-653	United States after Second World War	3 (3-0)
HIS-655	Local Self-Government in Pakistan	3 (3-0)
HIS-657	Pakistani Languages and Literature	3 (3-0)
HIS-659	Muslim Rule in India (712-1526)	3 (3-0)
HIS-661	Muslim Political Thought and Institutions	3 (3-0)

Semester 4

HIS-652	Modern Muslim World	3 (3-0)
HIS-654	The Great Mughals (1526-1707)	3 (3-0)
HIS-656	Later Mughals & British India(1707-1857)	3 (3-0)
HIS-658	The Punjab in Modern Times	3 (3-0)
HIS-660	Umayyads and Abbasides	3 (3-0)
HIS-662	The Ottoman Empire (1288-1924)	3 (3-0)

Optional Courses

HIS-663	Ancient India	3 (3-0)
HIS-664	Muslim Rule in Spain	3 (3-0)
HIS-665	Central Asia	3 (3-0)
HIS-666	History of England (1688-1919)	3 (3-0)
HIS-667	Human Rights in Pakistan	3 (3-0)
HIS-668	Women Empowerment in Pakistan	3 (3-0)
HIS-669	Role of Military in Pakistan	3 (3-0)
HIS-670	Pakistan's Economy- An Historical Survey (1947-to date)	3 (3-0)
HIS-671	Pakistani Society and Culture	3 (3-0)
HIS-672	Muslim Civilization and Culture	3 (3-0)

HIS-673	Muslim Contribution to Arts, Science and Architecture	3 (3-0)
HIS-674	History of Revivalist Movements in Islam	3 (3-0)
HIS-675	Early Modern Europe (1453-1787)	3 (3-0)

M.Phil. History

Semester 1

HIS-701	Research Methodology	3(3-0)
HIS-702	Leadership and Challenges in the 20th Century	3(3-0)
HIS-703	A Study of Historical Movements of South Asia	3(3-0)
HIS-704	Resistance and Revolution in History	3(3-0)

Semester 2

HIS-705	Historiography	3(3-0)
HIS-706	A Study of Political Parties in Pakistan	3(3-0)
HIS-707	A Study of Historical Institutions and Ideologies	3(3-0)
HIS-708	A Study of Personalities/ Issues/ Institutions in Pakistan	3(3-0)

Semester 3 & 4

HIS-730	Thesis	16(0-16)
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BS Pakistan Studies

Semester 1

PST-301	English-I	3 (3-0)
PST-302	Islamic Studies / Ethics	2 (2-0)
PST-303	Basic Mathematics / Statistics for Social Sciences	3 (3-0)
PST-304	Independence Movement and the Creation of Pakistan (1857-1947)	3 (3-0)
PST-305	Land and People of Pakistan	3 (3-0)

Semester 2

PST-306	English-II	3 (3-0)
PST-307	Computer Applications	2 (2-0)
PST-308	Political Science	3 (3-0)
PST-309	Pakistan: A survey (1947-1970)	3 (3-0)
PST-310	Pakistan : Society and Culture	3 (3-0)

Semester 3

PST-401	English-III	3 (3-0)
PST-402	Urdu / Regional Languages	3 (3-0)
PST-403	Sociology	3 (3-0)

PST-404	International Relations	3 (3-0)
PST-405	Economic Development of Pakistan	3 (3-0)
PST-406	Foreign Policy of Pakistan	3 (3-0)

Semester 4

PST-407	Pakistan Language and Literature	3 (3-0)
PST-408	Pakistan: A survey (1971 to 2008)	3 (3-0)
PST-409	Psychology	3 (3-0)
PST-410	Education	3 (3-0)
PST-411	Mass Media and Communication in Pakistan	3 (3-0)
PST-412	Social change and development in Pakistan	3 (3-0)

Semester 5

PST-501	Economics	3 (3-0)
PST-502	Human rights in Pakistan	3 (3-0)
PST-503	Historical perspective of Pakistan	3 (3-0)
PST-504	Muslim revivalist movement in Indo-Pakistan subcontinent (18 th – 20 th century)	3 (3-0)
PST-505	Contemporary issues in Pakistan	3 (3-0)

Semester 6

PST-506	Political and constitutional development in Pakistan.	3 (3-0)
PST-507	Seminar an issue of National importance	3 (3-0)
PST-508	Local self-Government in Pakistan	3 (3-0)
PST-509	Pakistan Foreign Policy (1971-2008)	3 (3-0)
PST-510	Political parties and civil society in Pakistan	3 (3-0)

Semester 7

PST-601	Political and Constitutional Development (1971-2008)	3 (3-0)
PST-602	Citizenship: A case study of Pakistan	3 (3-0)
PST-603	Political System: Governments and Regimes (1947-2008)	3 (3-0)
PST-604	Geographic and Demographic profile of Pakistan	3 (3-0)
PST-605	Research Methodology	3 (3-0)

Semester 8

PST-606	Mineral and Energy Resources of Pakistan	3 (3-0)
PST-607	Legal system of Pakistan : Civil and Criminal	3 (3-0)
PST-608	Pak-USA Foreign Policy before and After 9/11	3 (3-0)
HIS-606	Research Thesis	6 (0-6)

M.Sc. Pakistan Studies

Semester 1

PST-551	Muslim Nationalism in South Asia	4(4-0)
PST-553	Public Policy and Governance in Pakistan	3(3-0)
PST-555	Foreign Policy of Pakistan	4(4-0)
PST-557	Ideological Foundations of Pakistan	4(4-0)
ENG-321	EAP (English for Academic Purposes)	3(3-0)

Semester 2

PST-552	Civil and Military Bureaucracy in Pakistan	3(3-0)
PST-554	Constitutional and Political Development in Pakistan	4(4-0)
PST-556	Party Politics and Political Parties in Pakistan	4(4-0)
PST-558	Local Self Government and Devolution of Power in Pakistan	4(4-0)
CSI-553	Computer Applications	2(2-0)

Semester 3

PST-651	Geography of Pakistan	3(3-0)
PST-653	Federation and Regionalism in Pakistan	3(3-0)
PST-655	Pakistani Culture: A Profile	4(4-0)
PST-657	Research Methodology	4(4-0)
PST-659	Intellectual History of Muslims of South Asia	4(4-0)

Optional Courses

PST- 661	Regional Studies	3(3-0)
PST-663	Women Empowerment in Pakistan	3(3-0)

Semester 4

PST-652	Pakistan in International Scenario	3(3-0)
PST-654	Dimensions of Mystical Islam in South Asia	4(4-0)
PST-656	Human rights, Law and State in Pakistan/Research Dissertation	4(4-0)
PST-658	Political Economy of Pakistan	3(3-0)
PST-660	Language and Literature in Pakistan	3(3-0)
PST-666	Thesis	8 (0-8)

Optional Courses

PST-662	Crisis and Disaster Management	3(3-0)
PST-664	Politics of Religion in Pakistan	3(3-0)

M.Phil. Pakistan Studies

Semester 1

PST-701	Politics and Discourse of Quaid-e-Azam	3(3-0)
PST-702	Pakistan and Contemporary World	3(3-0)
PST-703	Policy Formulation and Decision Making in Pakistan	3(3-0)
PST-704	Constitutional Development and Political Dynamics in Pakistan	3(3-0)

Semester 2

PST-705	Islamic Modernism in Pakistan	3(3-0)
PST-706	Research Methodology	3(3-0)
PST-707	Problem of National Integration in Pakistan	3(3-0)
PST-708	Government and Politics in Bhutto Era	3(3-0)

Semester 3 & 4

PST-730	Thesis	16(0-16)
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Optional Courses

Semester 1		
PST-709	Governance and Politics in Pakistan	3 (3-0)
Semester 2		
PST-710	Religion and Politics in Pakistan	3 (3-0)





Programs Offered

- LLB (3 Years)
- LLB (5 Years)
- LLM (2 Year)

Coordinator:

Mr. Ghulam Murtaza

College of Law

Contact: 041-9200152, 041-9200066-70, Ext: 226

Vision

The College of Law envisions a society which is just, democratic, and law abiding.

Mission

The mission of the College of Law is to prepare legal practitioners with sound theoretical background and commitment to ethics and fair play. These professionals will play their role in upholding the sanctity of the constitution and the courts of Law. They will become torch bearers of human rights and women rights and minority rights, contributing immensely to the cause of social justice and just society.

Our LLB programme provides professionals Opportunities in virtually all walks of life. The programme provides a comprehensive foundation for professional life with the opportunity to choose one or more specializations in any branch of Law.

Introduction

The college of Law was established in 2003. The College has its own distinction among other faculties of the University. The programmes offered by the College aim at satisfying academic and professional requirements of the students, so that they may enter in the arena of legal practice with all the requisite legal and professional skills. The dynamic teaching College of Law provides legal education with an Islamic and Pakistani perspective that is relevant to the structure of Pakistani state and society. The students are encouraged to develop critical and analytical skills by involving them-selves in research activities. Owing to the commitments and efforts of highly professional teaching staff, the Law College has made its name in the legal education. All the Law Programmes are in accordance with the approved curriculum of HEC and are designed to cater all the professional and legal requirements of the students.



Faculty

Mr. Ghulam Murtaza

Coordinator, College of Law
LLM(PU) Constitutional Law, Administrative Law

Mr. Muhammad Mumtaz

Assistant Professor
LL.M, Ph.D Scholer

Mirza Shahid Rizwan Baig

Lecturer, Exam Coordinator
LL.M/DIA/DIIL (Corporate Law)

Muhammad Shahid Sultan Wattoo

Lecturer
LL.M (International Law)

Ms. Fozia Naseem

Lecturer
LL.M (Human Rights Law)

Khalil-ur-Rehman Tariq

Lecturer
LL.B, (Criminal Law)

Muhammad Waqas Sarwar

Lecturer, IT Focal Person
LL.M(UK) International Commercial Law

Mr. Amir Abbas

Lecturer(On Study Leave)
LL.M, Ph.D Scholer

Dr. Musadeq Hussain

Assistant Professor (On Contract)
LL.M, Ph.D (International Law)

Noreen Akhtar

Lecturer (On Contract)
LL.M, (Corporate Law)

Amjad Farooq Jaspal

Lecturer (Visiting)
LL.B, (Criminal Law)

Mr. Afsar Sajid

Lecturer (Visiting)
LL.B (Intellectual Property Laws, Comparative
Constitutional Law)



Scheme of Studies

LLB (3 Years)

Semester 1

LAW-731	Islamic Jurisprudence	3(3-0)
LAW-732	English Jurisprudence	3(3-0)
LAW-733	Constitutional History of Pakistan	3(3-0)
LAW-734	Communication Skills	2(2-0)
LAW-735	Sale of Goods Act	2(2-0)
LAW-736	Law of Equity	3(3-0)
LAW-737	Muslim Personal Law –I	2(2-0)

Semester 2

LAW-741	Muslim Personal Law –II	2(2-0)
LAW-742	Computer Studies	2(2-0)
LAW-743	Law of Tort	3(3-0)
LAW-744	Constitutional Law of Pakistan	3(3-0)
LAW-745	Specific Relief Act	3(3-0)
LAW-746	General Clauses Act	3(3-0)
LAW-747	Comparative Study of Constitutional law (UK&USA)	3(3-0)

Semester 3

LAW-751	Criminal Law –I	3(3-0)
LAW-752	Consumer Protection Law	2(2-0)
LAW-753	Banking Law	2(2-0)
LAW-754	Media Law	2(2-0)
LAW-755	Company Law	3(3-0)
LAW-756	Law of Contract	3(3-0)
LAW-757	Human Rights Law	3(3-0)
LAW-758	Partnership Law	2(2-0)

Semester 4

LAW-761	Criminal Procedure –I	3(3-0)
LAW-762	Public International Law	3(3-0)
LAW-763	Special &Local Laws	3(3-0)
LAW-764	Environmental Law	2(2-0)
LAW-765	Taxation Law	2(2-0)
LAW-766	Minor Acts	2(2-0)
LAW-767	Drugs, Medicine & Pesticides Laws	2(2-0)
LAW-768	Criminal Law -II	3(3-0)

Semester 5

LAW-771	Law of Evidence	3(3-0)
LAW-772	Legal Drafting	2(2-0)
LAW-773	Interpretation of Statutes	2(2-0)
LAW-774	Civil Procedure –I	3(3-0)
LAW-775	Criminal Procedure –II	3(3-0)
LAW-776	Cyber & Telecommunication Laws	2(2-0)

LAW-777	Labour Laws	3(3-0)
LAW-778	Legal Ethics	2(2-0)

Semester 6

LAW-781	Law of Property	3(3-0)
LAW-782	Intellectual Property Law	2(2-0)
LAW-783	Administrative Law	3(3-0)
LAW-784	Trial advocacy (civil & Criminal)	2(2-0)
LAW-785	Research Methodology	2(2-0)
LAW-786	Pleadings	2(2-0)
LAW-787	Public interest law	2(2-0)
LAW-788	Law of Civil Procedure-II	3(3-0)

Law Moots: Non Credit Hours

LLB (5 Years)

Semester 1

ENG-321	English for Academic Purpose	3(3-0)
ENG-323	Popular Essays	3(3-0)
LAW-301	Introduction to Jurisprudence-I	2(2-0)
LAW-303	Comparative Study of Legal System	3(3-0)
CHE-303	Every Day Science	3(3-0)
LAW-307	Law and Political Thoughts	2(2-0)
ISL-302	Islamic Studies-I	2(2-0)

Semester 2

PST-322	Pakistan Culture, Law and Society	3(3-0)
LAW-302	Introduction to Jurisprudence-II	2(2-0)
LAW-304	Introduction to Computer	3(3-0)
LAW-322	Reading, writing, listing and speaking	3(3-0)
ISL-306	Islamic Studies II(Fiqh)	2(2-0)
ECO-308	Economic Issues of Pakistan	2(2-0)
LAW-310	International Organizations	3(3-0)

Semester 3

LAW-401	Law of Tort-I	2(2-0)
LAW-403	Islamic Jurisprudence	3(3-0)
MTH-439	Basic Mathematics	3(3-0)
ENG-421	Communication Skills	3(3-0)
LAW-409	Constitutional History of Pakistan	3(3-0)
ARB-411	Introduction to Arabic Language	3(3-0)
SOC-413	Introduction to Sociology	2(2-0)

Semester 4

LAW-402	Law of Tort-II	2(2-0)
LAW-404	Law of Contract	3(3-0)
LAW-406	Constitutional Law of Pakistan	3(3-0)
LAW-408	Law of Equity	2(2-0)
LAW-410	Muslim Personal Law-I	3(3-0)

ENG-422	Technical Writing	3(3-0)
LAW-414	Research Methodology	2(2-0)

Semester 5

LAW-501	Criminal Law-I	3(3-0)
LAW-503	Comparative Constitution(UK, USA, India)	3(3-0)
LAW-505	International Law-I	3(3-0)
LAW-507	Law of Contract II	3(3-0)
LAW-509	Administrative Law	3(3-0)
LAW-511	Muslim Personal Law-II	2(2-0)
LAW-513	Law of Partnership	2(2-0)

Semester 6

LAW-502	Criminal Law-II	3(3-0)
LAW-504	Law of Property-I	3(3-0)
LAW-506	Intellectual Property Law	2(2-0)
LAW-508	International Law-II	2(2-0)
LAW-510	Environmental Laws	2(2-0)
LAW-512	Civil Service laws	2(2-0)
LAW-514	Minor Act-I(Easement Act, Pre-Emption Act & Succession Act)	3(3-0)
LAW-516	Specific Relief Act	2(2-0)

Semester 7

ENG-601	English Employment	3(3-0)
LAW-603	Labour Law	2(2-0)
LAW-605	Company Law	2(2-0)
LAW-607	Media Law	2(2-0)
LAW-609	Law of Property-II	3(3-0)
LAW-611	Pleadings	2(2-0)
LAW-613	Evidence-I	3(3-0)
LAW-615	Special & Local Laws	3(3-0)

Semester 8

LAW-602	Legal Drafting & Conveyancing	2(2-0)
LAW-604	Evidence-II	3(3-0)
LAW-606	Cyber & Telecom Laws	2(2-0)
LAW-608	Interpretation of Statutes	2(2-0)
LAW-610	Research Methodology	2(2-0)
LAW-612	Trial Advocacy (Civil & Criminal)	3(3-0)
LAW-614	Minor Acts-II	2(2-0)
LAW-616	Taxation Law	3(3-0)

Semester 9

LAW-701	Criminal Procedure-I	3(3-0)
LAW-703	Civil Procedure-I	3(3-0)
LAW-705	Optional-II	2(2-0)
LAW-707	Legal Ethics	2(2-0)
LAW-709	Public Interest Litigation & Free Legal Aid	2(2-0)
LAW-711	Negotiable Instruments	2(2-0)

LAW-713	Dissertation / Projects	3(3-0)
LAW-715	General Clauses Act & Civil Court Ordinance	2(2-0)

Semester 10

LAW-702	Law of Criminal Procedure	3(3-0)
LAW-704	Law of Civil Procedure-II	3(3-0)
LAW-706	Conflict of Law	2(2-0)
LAW-708	Optional-III	2(2-0)
LAW-710	Banking Laws	2(2-0)
LAW-712	International Trade Law	2(2-0)
LAW-716	Drugs, Medicine & Pesticides Law	3(3-0)

LLM (2 Years)

Semester 1

LAW-801	Constitutional Law of Pakistan	3(3-0)
LAW-802	International Law	3(3-0)
LAW-803	International Economics Law	3(3-0)
LAW-804	Research Methodology	2(2-0)

Semester 2

LAW-805	Administrative Law	3(3-0)
LAW-806	Intellectual Property Laws	3(3-0)
LAW-807	Criminology	3(3-0)
LAW-808	Law of Evidence	3(3-0)

Semester 3

LAW-809	International Human Rights Law	3(3-0)
LAW-810	Cyber Laws	2(2-0)
LAW-811	Comparative Environmental Law	3(3-0)

Semester 4

LAW-812	Thesis	6(0-6)
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Programs Offered

- BS Mass Communication
- MA Mass Communication

Coordinator:

Ms. Salma Umer

Department of Mass Communication

Contact: 041-9201415, 041-9200066-70, Ext: 222

Email: masscom@gcuf.edu.pk

Vision

The vision of the Department of Mass Communication is to prepare students for successful media and media-related careers. The department seeks to inculcate the values of truth, objectivity and impartiality among the students so that they perform their role as disseminators of knowledge and makers of opinion without any bias and prejudice.

Mission

The mission of the department of Mass Communication is to promote healthy and positive approach towards the communication of information, knowledge and opinions.

Introduction

Communication and media studies have gained vital importance in this age of science and information technology. A nation cannot safeguard its domestic and foreign interests, and get its due status in the globe without using its communication channels effectively. Advancement in information technology has made the world a global village. So, it is the need of the hour to give special focus on mass media education. Although Mass Communication is an emerging discipline, yet, it has got paramount importance in recent times. Media is playing a vital role in promoting different ideologies both in the domestic arena and around the globe. As is the reality, a plenty of factors influence the production and consumption of the message for effective communication. The productions of media contents have to pass through different phases. Therefore, in-depth understanding of covert and overt pressures on

the production of the media contents is indispensable for the students of Mass Communication. Public Relations, Communication Strategy, Advertising Campaign, Media Policy, Image Building and Public Opinion Formation are the basic tools of communication in media studies. Keeping in view the challenges of modern time, Government

College University, Faisalabad established the Department of Mass Communication in 2005. The foremost objective was to provide an opportunity to the students to equip themselves with the blend of skills and knowledge to meet challenges in national and international arena. The department has an excellent academic environment. All the faculty members are experienced and qualified. Students are also being benefited from the expertise of media educators and known professionals. All University facilities; transport, hostel residence, main library membership, study, excursion tours and sports facilities are available for the students.

The Department is presently offering Master degree in Mass Communication in morning and evening classes separately. Catering to the emerging need of practical aspects of the subject, the Department has also initiated one year Diploma in Journalism and Communication Practice (PGD). Vision of Department of Mass Communication is to be a leader in Pakistan by providing communication excellence in visual, verbal and written competencies for the 21st century. The Department has introduced a short term diploma which is geared towards practical journalism. Shortly, a print production house, a broadcasting house and TV studio will be set to impart practical skills to the working journalists and students alike. After the completion of their courses, students will be able to become professionals in public relations, advertising agencies, print and electronic media, as reporters, editors, anchors persons, radio producers, TV producers, media managers, public relation officers, publicity officers and copy writers.

Faculty

Ms. Salma UMBER
Assistant Professor / Coordinator

Ms. Irem Sultana
Assistant Professor

Mr. Ashraf Iqbal
Assistant Professor

Ms. Sobia Shahzad
Lecturer

Mr. Sarfraz Ahmad
Lecturer

Mr. Rehan Tariq
Lecturer

Ms. Fakhta Zeb
Lecturer

Ms. Sana Haroon
Lecturer

Ms. Noshaba Nargis
Lecturer

Mr. Ahmad Zuhair Khan
Lecturer



Scheme of Studies

BS Mass Communication

Semester 1

ENG-301	English for Academic Purposes	3
ISL- 302	Islamic Studies	2
MCM-303	Introduction to Communication	3
CSI 303	Computer Skills	3
POL-321	Introduction to Political Science	3
MCM-307	Media Psychology	3

Semester 2

ENG-322	Academic Reading and Writing	3
PST-322	Pak Studies	2
MCM-302	Contemporary World Media	3
MCM-304	Statistics cum mathematics	3
MCM-306	Media Society & Culture	3
MCM-308	Political Economy of Media	3

Semester 3

ENG-421	Communication Skills	3
URD-419	Functional Urdu	3
MCM-401	National & International Affairs	3
STA-351	Introduction to Statistical Theory	3
MCM-405	On Camera Reporting	3
MCM-407	International Communication	3

Semester 4

ENG-422	Advanced Academic Reading and Writing	3
MCM-404	Mass Media in Pakistan	3
MCM-406	Writing workshop	3
MCM-408	Subsidiary-VII (Political Communication)	3
MCM-410	Subsidiary VIII (Video Production)	3

Semester 5

MCM-501	News Writing & reporting	3
MCM-503	Broadcast Journalism	3
MCM-505	Online Journalism	3
MCM-507	Media Seminar	3
MCM-509	Theories of Communication-I	3

Semester 6

MCM-502	Sub Editing & Page Designing (T & P)	3
MCM-504	Feature, Column & Editorial Writing (T & P)	3
MCM-506	Research Methods-I	3
MCM-508	Introduction to Advertising & PR	3
MCM-510	Theories of Communication-II	3

Semester 7

Compulsory Subjects		
MCM-601	Research Methods-II	3
MCM-603	Development Communication	3
MCM-605	Media Ethics & Laws	3
Sequences		
1.Print Media		
MCM-607	Advanced Reporting	3
MCM-609	Newspaper Production	3
2.Broadcast Media		
MCM-611	Radio News Reporting & Production	3
MCM-613	TV News Reporting & Production	3
3. Advertising & Public Relations		
MCM-615	Advertising-I	3
MCM-617	Public Relations-I	3
4.Organizational Communication		
MCM-619	Organizations & Organizational Behaviour	3
MCM-621	Business & Marketing Communication	3

Semester 8

Compulsory Subjects		
MCM-602	Research Report	3
MCM-604	Media Management & Marketing	3
MCM-606	Specialized Journalism Internship	3
Sequences		
1.Print Media		
MCM-608	Advanced Sub-editing	3
MCM-610	Magazine & Book Production	3
2.Broadcast Media		
MCM-612	Radio Programme Production	3
MCM-614	TV Programme Production	3
3.Advertising & PR		
MCM-616	Advertising-II	3
MCM-618	Public Relations-II	3
4. Organizational Communication		
MCM-620	Business Writings (Practical Exercise)	3
MCM-622	Managerial Communication	3

MA Mass Communication

Semester 1

MCM 551	News Gathering Techniques (T&P)	03
MCM 553	Introduction to Mass Communication	03
MCM 555	Media History	03
MCM 557	National\International Affairs and Globalization of Media	03
MCM 559	Language and Communication Skills	03
CCS 551	Computer Applications	03

Semester 2

MCM 552	Issues in Social Sciences	03
MCM 554	News Management (Sub-editing T&P)	03
MCM 556	Concepts of Advertising	03
MCM 558	Media Laws and Ethics	02
MCM 560	Opinion Writing	03
MCM 562	Basics of Development Support Communication	03
MCM 564	Video Production	02

Semester 3

Only those students who have been able to maintain their CGPA 3.4 at the end of the 2nd semester would be eligible to opt the thesis while all other students in lieu of thesis would take MCM 662 & MCM 681 courses in the 4th semester.

MCM 651	Communication Theories	03
MCM 653	Research Methods in Mass Communication	03
MCM 655	Fundamentals of Public Relation	03
MCM 657	Broadcast and Visual Media	03
MCM 679	Seminar	01
MCM 682/	Internship/	03
MCM-661	Magazine Journalism	
MCM 659	On Camera Reporting	02

Semester 4

MCM 652	Issues in Mass Communication	03
MCM 654	Radio / TV Production Skills	03
MCM 656	Development Journalism	02
MCM 658	Agriculture Communication	02
MCM 681	Project	04
MCM 662	Health Communication/ Advocacy Campaign	04
MCM 680	Thesis	08



Programs Offered

- M.Sc. Physical Education & Sports Sciences

Incharge:

Mr. Muhammad Rafique Wahla

Department of Physical Education & Sports Sciences

Contact: 041-9201228, 041-9200066-70, Ext: 251

Email: sportssciences@gcuf.edu.pk

Vision

We aim to be a leader of the disciplines of Physical Education and Sports Sciences by developing tools and excelling in Sports techniques, Scholarship and exploiting opportunities for academic research.

Mission

The Mission of the Department is to provide a committed and professional skills, techniques and knowledge of different Sports, which may be recognized as exemplary by its users by behaving in an approachable and courteous manner using available technologies appropriately to achieve objectives effectively at National and International level in the field of Physical Education and Sports Sciences.

Objectives

- The Department is striving to provide National and International Players for promotion of Sports at University and National Level.
- Capacity Building of Players both Male and Female
- Organize Training Programs for students, separately for Male and Female Players.
- The awards of Cash Prizes and Sports Scholarships to encourage the promising student players, who win medals at Inter-Varsity and National Championships
- Create healthy environment in the campus through Sports activities.
- Organize Sports Competitions among the Departments and award the Certificates and Trophies to the Position holder players.

Introduction

The study of Physical Education and Sports Sciences has been vital Importance in this age of science and technology. A nation cannot safe guard it's domestic and foreign interest and get its due status at National and International level without using the latest techniques of Physical Education and Sports Sciences in their professional and daily routine Life.

The Department will play a vital role in promoting different games at National and International level and is striving to sensitize and humanize its students in enabling them to become the leader in the field of Physical Education and Sports Science.

Faculty

Mr. Muhammad Rafique Wahla
Director Sports / Incharge Department
MA (Phy. Edu), MA (History)

Mr. Ishfaq Ali
Asst. Director Sports
MA (Phy. Edu.), PGD (English) (NUML), MS Management
Sciences (Scholar)

Mr. Aamir Nawaz
Lecturer
MA Physical Education
National Hockey Player

Ms. Fehmida Ayub
Lecturer
M.Sc. Physical Education & Sports Sciences

Ms. Salma Yasin
Game Instructor
MPA (HRM), MA (Phy. Edu)
National Player (Volley Ball)

Ms. Sumaira Yasmin
Game Instructor
BS (Honr) Islamic Study
National Player (Volley Ball)



Criteria for Admission

The following criteria for admission will be observed

(A) Open Merit + Additional Marks as under:

- (i) International Level Player = 15 Marks
- (ii) National Level/ HEC Player = 10 Marks
- (iii) Pakistan Board/ Pakistan Universities Player= 05 Marks
- (iv) BISE & Inter-Collegiate Level Player = 03 Marks

(B) Physical Status

- (i) Height for Male Student (5.4 Feet)
- (ii) Height for Female student (5.00 Feet)

The students, who will qualify the above mentioned criteria for admission. They will have to get medical fitness certificate from medical officer of the University before submitting their fee dues.



Scheme of Studies

M.Sc.

Physical Education & Sports Sciences

Semester 1

PES-551	Sports Management	3
PES-553	Sports Nutrition	3
PES-557	Computer Application in Sports	1
PES-555	Theory of Games	3
PES-559	Wellness & Fitness	2
PES-561	Practical Games (Football and Badminton)	1
PES-563	Practical Athletics (Sprints Starts +Shot put)	1
PES-565	Practical Educational Gymnastics	1

Semester 2

PES-560	Methods of Research in Sports	3
PES-552	Methodology of Scientific Coaching	3
PES-556	Science of Track & Field	3
PES-558	Human Anatomy	3
PES-554	Planning Sports Facilities	3
PES-562	Practical Games (Volleyball, Table Tennis)	1
PES-564	Practical Athletics (Long Jump, Triple Jump Discuss throw)	1
PES-566	Practical Swimming (Free Style Back Stoke)	1

Semester 3

PES-651	Physical Education for Special Person	3
PES-653	Bio-Mechanics	3
PES-655	Exercise Physiology	3
PES-657	Applied Psychology	3
PES-659	Practical Games (Basketball, Cricket)	1
PES-660	Trauma & Rehabilitation	1
PES-661	Practical Athletics (High Jump + Javelin Throw)	1

Semester 4

PES-652	Role of Media in Sports	2
PES-654	Measurement and Evaluation in Sports	3
PES-656	Leadership in Sports	2
PES-658	Research Project/ Thesis	6
PES-662	Practical Games (Hockey, Tennis)	1
PES-664	Practical Athletics (Relay, Hurdles)	1
PES-666	Practical Small Area Games	1
PES-668	Hiking and Tracking	2



Programs Offered

- BS Political Science
- MA Political Science
- M.Phil. Political Science
- MA International Relations

Chairperson:

Dr. Mughees Ahmed

Department of Political Science & International Relations

Contact: 041-9201211, 041-9200066-70, Ext: 306

Mission

The mission of the Department of Political Science is to promote scholarship, leadership and responsible citizenship among the students at G.C University, Faisalabad. The Department provides a solid liberal arts curriculum that exposes students to the principal subfields of the discipline and develops transferable skills of liberal learning. Actively involved in research, teaching and applied scholarship, the political science faculty serves as mentors to students seeking academic challenge and civic involvement.

Mission

The Department of Political Science at G.C University, Faisalabad aims at being recognized as a leader among political science programs at institutions of comparable size and character. Pursuant to this goal, the Department is committed to excellence in teaching, scholarship and

mentoring. By offering a distinctive program that includes opportunities for independent research, experiential learning and off-campus study, the Department promotes scholarship in the political science discipline, civic participation and leadership.

Introduction

Great emphasis is being laid on Political Science as an academic discipline since the 20th century. In the wake of globalization, free-trade and increasing influence of supra-state institutions world over, Political Science has gained all the attributes of dominating the world-scene in the 21st Century. The Department of Political Science deals in the area of study which encompasses the global as well as domestic affairs. It examines some of the critical issues of modern times, including the changing nature of international cooperation and conflict, the new character of warfare, the impact of globalization upon states and societies and the persistence of world

problems such as poverty, migration and drug trafficking. The roles of state and non-state actors in shaping world politics in the new millennium are central to the study of Political Science, as is an understanding of how different visions of world order affect the prospects for peace and security.

In the era of globalization and regionalism, national survival is now premised on international orientation for which the nations strive not only to equip themselves with modern technologies in all fields but also with competencies in the management of trans-national relations.

To achieve this objective and to build future national leaders who are capable of playing effective roles in government, political institutions and international organizations, the Department has designed broad based Programs in Political Science & IR. The main objective is to provide the students with an education that develops an understanding of the national and international community alongwith socio-political and

economic spheres. It is also planned to start Diploma in International Relations, Diploma in Local Government, and Ph.D. in Political Science/ International Relations in the near future.

Faculty

Dr. Mughees Ahmed

Ph.D. BZU, Multan
Associate Professor / Chairman

Miss. Raheela Asfa Cheema

M.Phil.Quaid-i-Azam University Islamabad
Lecturer (on Leave)

Mr. Ali Shan Shah

Lecturer
M.Phil. BZU, Multan

Mr. Adnan Nawaz

Lecturer
M.Phil. Punjab University, Lahore

Mr. Abdul Basit Khan

Lecturer
M.Phil. BZU, Multan

Mr. Bilal Bin Liaqat

Lecturer
M.Phil.Quaid-i-Azam University, Islamabad

Miss. Sadia Naz

Lecturer
M.Phil. BZU, Multan

Scheme of Studies

BS Political Science

Semester 1

ENG-321	English-I(English for Academic Purposes)	3(3-0)
ISL-321	Islamic Studies	2(2-0)
POL-301	Introduction to Political Science-I	3(3-0)
MTH-321	Mathematics-I	3(3-0)
SOC-321	Principles of Sociology	3(3-0)
GEO-321	Introduction to Geography	3(3-0)

Semester 2

ENG-322	English-II(Reading, Writing, Speaking & Listening Skills)	3(3-0)
PST-322	Pakistan Studies	2(2-0)
POL-302	Introduction to Political Science-II	3(3-0)
MTH-330	Mathematics-II*	3(3-0)
POL-304	Gender and Human Rights	3(3-0)
POL-306	Introduction to Law	3(3-0)

Semester 3

ENG-421	English-III(Communication Skills)	3(3-0)
CSI-421	Introduction to Basics in Computer	3(3-0)
POL-401	Political Systems (Developed)	4(4-0)
ECO-421	Development Economics	3(3-0)
ENV-421	Environmental Sciences	3(3-0)

Semester 4

ENG-422	English-IV(Technical Writing)	3(3-0)
POL-402	Political Systems (Developing)	4(4-0)
POL-404	Pakistan Movement	4(4-0)
POL-406	Introduction to International Relations	3(3-0)
PSY-422	Introduction to Psychology	3(3-0)

Semester 5

POL-501	Western Political Philosophy-I	4(4-0)
POL-503	Muslim Political Philosophy-I	3(3-0)
POL-505	Comparative and Developmental Politics-I	4(4-0)
POL-507	Political Ideologies	3(3-0)
POL-509	Public Administration	4(4-0)

Semester 6

POL-502	Western Political Philosophy-II	4(4-0)
POL-504	Muslim Political Philosophy-II	3(3-0)
POL-506	Comparative and Developmental Politics-II	3(3-0)
POL-508	History of International Relations	4(4-0)
POL-510	Introduction to Local Government	3(3-0)

Semester 7

POL-601	Methods of Study and Research	4(4-0)
POL-603	Foreign Policy Analysis	3(3-0)
POL-605	Public International Law-I	3(3-0)

POL-607	Diplomacy	3(3-0)
POL-609	Foreign Policies of UK, USA	3(3-0)

Semester 8

POL-602	Public International Law-II	3(3-0)
POL-604	International Organizations	3(3-0)
POL-606	Political Economy	3(3-0)
POL-608	Local Government in Pakistan	3(3-0)
POL-631	Research project/Research report	3(0-3)

MA Political Science

Semester 1

POL- 551	Ideology and Dynamics of Politics in Pakistan	3(3-0)
POL-553	Western Political Thought - I	3(3-0)
POL-559	English Communication Skills	3(3-0)
POL-555	Theory Comparative and Developmental Politics –I	3(3-0)
POL 557	Introduction to International Relations	3(3-0)

Semester 2

POL- 552	Western Political thought- Paper II	3(3-0)
POL-554	Muslim Political Thought	3(3-0)
POL-556	Theory Comparative and Developmental Politics -I	3(3-0)
CSI-556	Computer Application	3(3-0)
POL 558	Research Methodology	3(3-0)

Semester 3

POL- 651	Political System of USA and UK	3(3-0)
POL-653	The Muslim World: Dynamics and Issues	3(3-0)
POL-655	Foreign Policy of Major Powers	3(3-0)
POL-657	Political Economy	3(3-0)

Optional Subjects

POL 659	International Law	3(3-0)
POL 661	Public Administration	3(3-0)

Semester 4

POL- 652	Political Sociology	3(3-0)
POL-654	International Organization	3(3-0)

Optional papers (Any four of the following)

POL 656	Political Parties & Pressure Groups	3(3-0)
POL 658	Local Self Government	3(3-0)
POL 660	Defense and Strategic studies	3(3-0)
POL 662	Central Asia and its Politics	3(3-0)
POL 664	South Asian Political system	3(3-0)
POL 680	Research Thesis (Optional)	6(0-6)

M.Phil. Political Science

Semester 1

POL -701	Research Methodology	3(3-0)
POL- 702	Comparative And Developmental Political Theory	3(3-0)
POL- 703	Politics, State And Society Dialectics In Pakistan (Issue Oriented Course)	3(3-0)
POL- 704	International Relations	3(3-0)

Semester 2

Any four of the following courses

POL- 705	Political Sociology	3(3-0)
POL- 706	Economic Development	3(3-0)
POL- 707	Devolution of Power and good Governance (emphasis on Pakistan)	3(3-0)
POL- 708	Strategic Policies of Great Powers (USA, Russia, China)	3(3-0)
POL- 709	Major issues in global politics	3(3-0)
POL- 710	Strategic Issues And Defense Policy Of Pakistan	3(3-0)
POL- 711	International And Regional Organizations And Contemporary World	3(3-0)
POL- 712	Political dynamics of the Muslim world	3(3-0)

Semester 3 & 4

POL- 730	Thesis	6(0-6)
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MA International Relations

Semester 1

All Compulsory Courses

IRS -551	Introduction and Issues of International Relations – I	4(4-0)
IRS-553	International Relations since 1945 - I	3(3-0)
IRS -555	Theories of International Relations	4(4-0)
IRS -557	Foreign Policy Analysis	4(4-0)
IRS -559	International law	3(3-0)

Semester 2

All Compulsory Courses

IRS- 552	International Regional Organizations	3(3-0)
IRS-554	Foreign Policy of Pakistan	4(4-0)
IRS-556	International Political Economy	4(4-0)
IRS-558	Introduction and Issues of International Relations II	4(4-0)
IRS-560	International Relations since 1945 II	3(3-0)

Semester 3

2 Compulsory & 3 Optional Courses

IRS- 651	Research Methodology (Compulsory)	3(3-0)
IRS-653	Conflict Management and Resolution(Compulsory)	3(3-0)
IRS-655	Theory and Practice of Diplomacy (Compulsory)	3(3-0)
IRS-657	Foreign Policy of Neighbouring Countries(China, India, Afghanistan & Iran) (Optional)	3(3-0)
IRS-659	Defense and Strategic Studies (Optional)	3(3-0)
IRS-661	Terrorism and Counter Terrorism (Optional)	3(3-0)
IRS-677	Seminar Course on contemporary issues (Optional)	3(3-0)

Semester 4

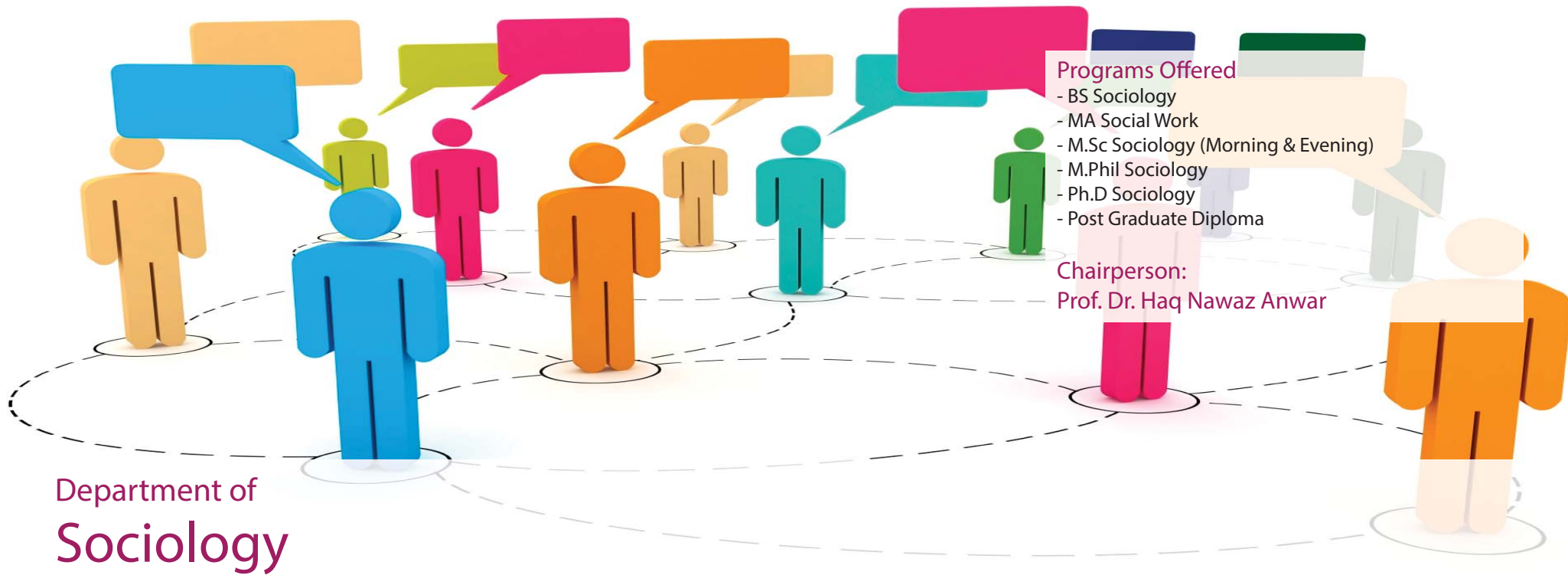
2 Compulsory & 3 Optional Courses

IRS-652	Nuclear Proliferation (Compulsory)	3(3-0)
IRS-654	Foreign Policy of Major Powers (U.S.A, China, Russia) (Compulsory)	3(3-0)
IRS-656	Strategic Dynamics of Central Asia (Optional)	3(3-0)
IRS-658	Contemporary Issues of Middle East (Optional)	3(3-0)
IRS-660	Political Geography (Optional)	3(3-0)
IRS-678	Seminar Course New Paradigm in International Security(Optional)	3(3-0)
IRS-679	Seminar Course War & Conduct of War (Optional)	3(3-0)

IRS-680 Research Project / Thesis (Optional) 6(0-6)

Note: Total credit hours of this course are 66 in which 15 courses (51 credit hours) are compulsory and 5 courses (15 Credit Hours) are optional. Research work / Thesis of 6 credit hours as optional, is included in 4th semester





Department of Sociology

Programs Offered

- BS Sociology
- MA Social Work
- M.Sc Sociology (Morning & Evening)
- M.Phil Sociology
- Ph.D Sociology
- Post Graduate Diploma

Chairperson:

Prof. Dr. Haq Nawaz Anwar

Contact: 041-9201412, 041-9200066-70, Ext: 191

Email: sociology@gcuf.edu.pk

Mission

The mission of Sociology and Social Work department is to provide sociological knowledge to the students, which is relevant to their practical life. This is being achieved by imparting knowledge and skills to young sociologists-social engineers and social workers. Moreover, efforts are made to discover the broad pattern of interaction of social life that influences the social behavior. This is further strengthened by carrying out research on socio-economic, cultural, social, demographic, environmental and political problems of Pakistani Society.

Introduction

Sociological knowledge is applicable in every field, in every day personal interactional situation and in all aspects of life. Sociology is the scientific study of the human relationships and their consequences. It is the

study of collective human behavior and social forces. It is committed to provide research skills to students that can be integrated usefully with relevant practical experience. Sociologist seeks to discover the broad patterns of interaction of social life that influences social behaviors. We provide students with a coherent introduction to core themes and issues of the discipline in a stimulating environment. Moreover, the department of sociology offers graduate and post graduate level education in sociology with a strong emphasis on communicative process and technologies within institutional settings, drawing on the active research interest of faculty and students. It also offers education in sociology within an interdisciplinary context which highlights the continuities and differences among a number of scientifically social prospective. Training in a range of methodologies and research skills appropriate to these disciplines provides rigorous foundation for this distinctive feature. In addition, internship opportunity with international and national organizations working in

the field of social development is provided to the students in order to blend the academic knowledge with practical skills.

Establishment of

Sociology Department and Programmes

The department of Sociology was established in 2005 at Government College University Faisalabad. The faculty of the Department includes highly qualified and experienced teachers who have a track record of academic and research experience and relevant field experience in social development sector with national and international organizations. The department currently offers five study programmes (Morning & Evening) at the Ph. D, M. Phil, M.Sc. Degree, MA Social Work and graduate level. The degree is awarded as Doctor of Philosophy, Master of Philosophy, Master of Science in Sociology, Master of Social Work and BS (Hons) in Sociology. The duration of Ph. D is three years and spread on six (6) semesters, M. Phil level and Master level programme is of two years and spread on four (4)

semesters. The duration of BS (Hons.) is four years and spread on eight (8) semesters. Moreover, a post graduate diploma in Community Development has also been started; the duration is one year and spread on two semesters.

In addition, short certificate courses on different social development aspects like Poverty Alleviation, Gender and Development, Human Development and Sociology, Communication and Presentation Skills, Community Management Skills, Urban Transportation Management, Urban Renewal, Participatory Relax/Rapid Approach (PAR), Project Planning and Logical Framework, Population Studies, and Social Problems of Pakistan etc. are being planned to be launched very soon.

Launching of Ph. D Sociology Programme

The general community at large and the Sociologists community of Pakistan in particular were pressing hard to start the Ph. D programme in Sociology. Keeping in view the community demand, the importance of the programme, and after thorough review of different aspects, the programme structure, eligibility criteria, and scheme of studies were prepared and got approved from the concerned forum, the programme is launched from fall semester 2014.

Criteria for Admission in Ph. D

The prospected candidates/applicants/incumbents having M. Phil/M.S in the following subjects are eligible to get admission in Ph. D Sociology:

1. Sociology
2. Rural Sociology
3. Gender Studies
4. Public Administration
5. Economics
6. Human Resource Management and Marketing
7. LLM
8. Social Works
9. Rural Development
10. Anthropology
11. Marketing and Agri Business
12. Population Studies

Establishment of Social Work Department and Programmes

Keeping in view the importance of Social Work, the programme was launched in fall semester 2013. However, initially only M.A (morning programme) having a duration of two (2) years spread on four (4) semesters is started, but as soon as the programme will grow the M.Phil and Ph.D. classes along with M.A (evening programme) will be started very soon. The major objective of Social Work Education Programmm is to provide trained social workers equipped with the basic knowledge and skills to assist Government and private agencies in the development and execution of social welfare programs. Initially the programme is started in Sociology Department later on an independent department of Social Work will be established till an institute of Social Sciences is established.

Admission Criteria

B.A/B. Sc or equivalent qualification: In addition to it following will also be compulsory:

1. Social Work as an elective subject;
2. In absence of Social Work any two of the Elective subjects (200 Marks Each) given in section additional marks.
3. In the absence of the above criteria, at least one year Social Welfare experience in any recognized GO/NGO.

The admission criteria will be same as approved by GCUF for other postgraduate subjects.

4. Each of the following optional subjects: 20 marks
Sociology, Psychology, Applied Psychology, Economics, Home Economics, Political Science, Journalism Anthropology, and Gender Studies

Faculty

Dr. Haq Nawaz Anwar

Professor / Chairman
M.Sc. (UET & Edinburg UK), PhD (UAF)

Dr. Zehira Batool

Associate Professor
PhD (UAF)

Dr. Nazia Malik

Assistant Professor
PhD (UAF)

Ms. Saima Jabeen

Lecturer (On study leave)
M.A. (UAF)

Muhammad Shabbir Ch.

M.Sc. (BZU), M.Phil. (BZU)
Lecturer

Mr. Sajid Mehmood Sajid

M.A. (PU, Lahore)
Lecturer

Mr. Falak Sher

M.A. (PU, Lahore)
Lecturer

Ms. Saira Siddiqui

M.A. & M. Phil (PU, Lahore)
Lecturer (On study leave)

Ms. Ayesha Ch.

M.A. (UAF)
Lecturer

Ms. Sadaf Mehmood

M.Sc. (UAF)
Lecture (on Study Leave)

Ms. Sana Ejaz

M. Sc. (GCUF), M. Phil (PU, Lahore)
Lecturer

Mr. Wasif Ali

M.A. & M.Phil (PU, Lahore)
Lecturer (On study leave)

Ms. Saira Aziz

BS-Hons (PU, Lahore)
Lecturer

Scheme of Studies

BS Sociology

Semester 1

ENG-321	ENGLISH For academic purposes	3(3-0)
PST-322	PAKISTAN STUDIES	2(2-0)
SOC-301	MATH/STAT-1	3(3-0)
SOC-303	GENERAL-I Introduction to Psychology	3(3-0)
SOC-305	GENERAL-II Social Work	3(3-0)
SOC-307	FOUNDATION-I Introduction to Sociology	3(3-0)

Semester 2

Eng-322	ENGLISH-II	3(3-0)
ISL-302	ISLAMIC STUDIES /ETHICS	2(3-0)
STA-350	Basic Statistics	2(3-0)
SOC-304	GENERAL-III Every day Science	3(3-0)
SOC-306	GENERAL-IV Political Science	3(3-0)
SOC-308	FOUNDATION-II Social Thought	3(3-0)

Semester 3

Eng-323	ENGLISH-III	3(3-0)
CSI-401	INTRODUCTION TO COMPUTER	3(3-0)
SOC-403	GENERAL-V	3(3-0)
SOC-405	GENERAL-VI	3(3-0)
SOC-407	FOUNDATION-III Classical Sociological Theories	3(3-0)

Semester 4

ENG-421	ENGLISH-IV / UNIV. OPTIONAL	3(3-0)
SOC-402	GENERAL-VII	3(3-0)
SOC-404	FOUNDATION-IV Contemporary Sociological Theories	3(3-0)
SOC-406	FOUNDATION-V Pakistani Society & Culture	3(3-0)
SOC-408	FOUNDATION-VI Gender Studies	3(3-0)

Semester 5

SOC-501	FOUNDATION-VII Criminology	3(3-0)
SOC-503	FOUNDATION-VIII Research Methodology	4(3-1)
SOC-505	MAJOR-I Sociology of Development	3(3-0)
SOC-507	MAJOR-II Project Planning & Management	4(3-1)
SOC-509	MAJOR-III Community Development	3(3-0)

Semester 6

SOC-502	FOUNDATION-IX Research Design & Socio-metry	3(3-0)
SOC-504	FOUNDATION-X Anthropology	3(3-0)
SOC-506	MAJOR-IV Population Studies	4(3-1)

SOC-508	MAJOR-V Rural Sociology	3(3-0)
SOC-510	MAJOR-VI Urban Sociology	3(3-0)

Semester 7

ENG-601	English for Employment	3(3-0)
SOC-603	MAJOR- MAJOR-VII Sociology of Health & Medicine	3(3-0)
SOC-605	MAJOR-VIII Comparative Social Institutions	3(3-0)
SOC-607	MAJOR-VIII Sociology of Education	3(3-0)
SOC-609	ELECTIVE-I	3(3-0)
SOC-611	ELECTIVE-II	3(3-0)
SOC-613	MAJOR-IX RESEARCH PROJ / INTERNSHIP	3(3-0)

Semester 8

SOC-602	MAJOR-XI Social Change & Transformation	3(3-0)
SOC-604	MAJOR-XII Sociology of Religion	3(3-0)
SOC-606	MAJOR-XII Sociology of Globalization	3(3-0)
SOC-608	ELECTIVE-III	3(3-0)
SOC-610	ELECTIVE-IV	3(3-0)
SOC-612	MAJOR-X RESEARCH PROJ/ INTERNSHIP	3(3-0)

M.Sc. Sociology

Semester 1

SOC-551	Principles of Sociology	3(3-0)
SOC-553	Classical Sociological Theory	3(3-0)
SOC-555	Social Psychology	3(3-0)
STA-350	Social Statistics	4(3-1)
CSI-	Computer Applications	4(3-1)
SOC-557	Communication Skills	3(3-0)

Semester 2

SOC-552	Methods of Social Research	4 (3-1)
SOC-554	Cultural Anthropology	4 (3-1)
SOC-556	Population Dynamics	4 (3-1)
SOC-558	Sociology of Gender	3 (3-0)
SOC-560	Social Change	3 (3-0)

Semester 3

SOC-651	Research Design and Measurement	4(3-1)
SOC-653	Sociology of Development	4(3-1)
SOC-655	Contemporary Sociological Theory	3(3-1)
SOC-657	Organizational Behavior and Human Resource Development	3(3-0)
SOC-659	One Optional Subject:	3(3-0)
SOC-661	A) Social Problems of Pakistan	
SOC-663	B) Community Development	

SOC-665	C) Sociology of Human Rights	
SOC-667	D) Sociology of Education	
SOC-669	E) Sociology of Health and Medicine F) Gerontology	

Semester 4

SOC-652	Criminology	3(3-0)
SOC-654	NGO Management	3(3-0)
SOC-656	Sociology of Social Work	3(3-0)
SOC-679	Seminar	1(0-1)
SOC-680	Thesis	8(0-8)
All those students who will not take thesis can choose two subjects from the following. Moreover, they will have to submit a report.		
SOC-658	A) Rural Sociology	4(3-1)
SOC-660	B) Urban Sociology and Human Ecology	4(3-1)
SOC-662	C) Industrial Sociology	4(3-1)
SOC-664	D) Sociology of Religion	4(3-1)

M.Phil. Sociology

SOC-731	Advance Research Methods and Design	4(3-1)
SOC-732	Contemporary Sociological Theory	3(3-0)
SOC-733	Gender and Development	4(3-1)
SOC-734	Population Dynamics	3(3-0)
SOC-735	Criminology	4(3-1)
SOC-736	Social Statistics	4(3-1)
SOC-737	Seminar-I	1(0-1)
SOC-738	Seminar- II	1(0-1)
SOC-739	Thesis	6(0-6)

Two subjects from the followings can be undertaken as alternative of thesis

SOC-740	Rural Social Organization	3(3-0)
SOC-741	Community Organization and Development	3(3-0)
SOC-742	Population Issues and Problems	3(3-0)
SOC-743	Criminology	3(3-0)



Ph.D. Sociology

SOC-801	Research Methods in Social Sciences	4(3-1)
SOC-802	Qualitative Research Methods and Techniques	4(3-1)
SOC-803	Advance Research Methodology	3(3-0)
SOC-804	Social Paradigms	3(3-0)
SOC-805	Contemporary Sociological Theory	3(3-0)
SOC-806	Contemporary Social Problems of Pakistan	3(3-0)
SOC-807	Techniques of Population Analysis	4(3-1)
SOC-808	Sociology of Development	3(3-0)
SOC-809	Social Change	3(3-0)
SOC-810	Human Resource Development	3(3-0)
SOC-811	Gender Studies	3(3-0)
SOC-812	Sociology of Health	3(3-0)
SOC-813	Advanced Social Statistics	3(3-0)
SOC-814	Criminology and Criminal Justice	3(3-0)
SOC-815	Seminar-I (General)	1(0-1)
SOC-816	Seminar-II (Research)	1(0-1)
SOC-817	Thesis	6(0-6)

- The Department will offer three courses in each semester depending upon the availability of relevant teacher.
- Over all minimum eighteen (18) teaching credit hours for Ph.D. programme are mandatory. The students will complete the course work in two semesters.
- At the completion of course work the students will have to pass the comprehensive examination (both written and oral).
- The defense of Synopsis of Thesis will be held in 3rd semester. The Thesis should be completed in four semesters.



MA Social Work

Semester 1

SOW-551	Social Case Work	3(2-1)
SOW-552	Social Group work	3 (3-0)
SOW-553	Community Development and Organization	3 (3-0)
SOW-554	Social Research Methods	3 (3-0)
SOW-555	History and Philosophy of Social Work	2 (2-0)
SOW-556	Introductory Economics for Social workers	2 (2-0)
SOW-557	Human Growth and Behavior	2 (3-0)

Semester 2

SOW-558	Sociology of Culture and Social Institutions	3 (3-0)
STA-350	Social Statistics	3 (3-0)
CSI-	Computer Applications	3 (2-1)
SOW-559	Gender and Development (GAD)	3 (3-0)
SOW-560	Field work Practical-1	1 (0-1)
SOW-561	Social Policy, Planning and Welfare Administration	3 (3-0)
SOW-562	Population Planning	2 (2-0)

Semester 3

SOW-651	Social Legislation	3 (3-0)
SOW-652	NGO Management and Leadership	3 (3-0)
SOW-653	Human Rights	3 (3-0)
SOW-654	Social Development	3 (3-0)
SOW-655	Social Action	3 (3-0)
SOW-657	Medical and Psychiatric Social Work	2 (2-0)

Semester 4

SOW-658	Juvenile Delinquency	2 (2-0)
SOW-659	Poverty Reduction	2 (2-0)
SOW-660	Social Gerontology	3 (3-0)
SOW-661	Social Defense and Correlation Services	3 (3-0)
SOW-662	Child Protection	3 (3-0)
SOW-667	Social Rehabilitation	3 (3-0)
SOW-669	Field work Practical-II	1 (0-1)

Post Graduate Diploma in Community Development

Semester 1

PGD-CD-01	Principles of Sociology	2(2-0)
PGD-CD-02	Basic Statistics for Social Sciences	2(2-0)
PGD-CD-03	Computer Applications	2(2-0)
PGD-CD-04	Social Communication Skills	2(2-0)
PGD-CD-05	Sociology of Development	2(2-0)

Semester 2

PGD-CD-06	Community Mobilization and Organization	2(2-0)
PGD-CD-07	NGO Management	2(2-0)
PGD-CD-08	Community Development and Management Skills	2(2-0)
PGD-CD-09	Social Research Methods	2(2-0)
PGD-CD-710	Research Reports	2(2-0)

Fee Structure

1 st Semester:	13850
2 nd Semester:	12450
Total:	26300

Community Development and Community Participation are emerging to be a popular phenomenon in national and regional development plans. The community led projects are very popular throughout the world. The community development and community participation projects demand special working skills for the community development experts, social organizers, field workers, sociologists and managers of such projects while interacting with the community. The training of field workers greatly enhances their capability to mobilize communities in local community development programmes. The demand of such professionals is increasing every day but there are very few organizations who could impart training regarding to community mobilization and community development. The management of such projects are very keen to enhance the skills of their existing staff and developing the human resources by recruiting the new personals that are trained from a good institute or university in the field of community development. To meet this challenge some consultative meetings were conducted with the managers of organizations, working on community development projects and with donors and consultants located in Faisalabad, Lahore, Karachi, Islamabad, Peshawar and Quetta. The meetings were very productive and the managers of such projects expressed the need of short courses in the field of community development. Consequently, the post graduate diploma in "Community Development" is started.

Faculty of

Islamic & Oriental Learning

1- Department of Islamic Studies & Arabic

2- Department of Persian

3- Department of Urdu & Punjabi



Programs Offered

- BS Islamic Studies
- MA Islamic Studies
- M.Phil Islamic Studies
- Ph.D Islamic Studies

- BS Arabic
- MA Arabic
- M.Phil Arabic
- Ph.D Arabic

Chairperson:

Prof. Dr. Humayun Abbas

Department of Islamic Studies & Arabic

Contact: 041-9201559, 041-9201292

Email: islamic.st@gcuf.edu.pk, arabic@gcuf.edu.pk

Vision (Islamic Studies)

The vision of the department of Islamic Studies is to seek advanced knowledge & understanding of classical and modern Islamic religious thoughts and Islamic textual traditions and to provide understanding of Islamic culture and intellectual history in the pre modern and modern period.

The main object is to solve the contemporary issues and introduce Islam as religion of peace, tolerance mutual harmony.

Mission (Islamic Studies)

The aims of the programs offered in the Islamic Studies are;

- To present Islam as a code of life based on the revealed knowledge of the Quran & Sunnah.
- To ground in a study of Islam as worldview, civilization & living reality.
- To engage students in exploring primary texts, history,

global Muslim communities and the regional issues of the Islamic world.

- To provide the closer look at the various histories of Islam in places such as the Middle East, Africa, South Asia and Europe.

Introduction (Islamic Studies)

Govt College Faisalabad started its journey to deliver the education more than one hundred years ago. The subject of Islamic Studies was offered in 1955-56 while before the partition of subcontinent the course "Deenayat" had been offering by Mr. M. Abdullah Kamil. Department's pioneer role was played by Prof. Dr. Iftikhar Chishti & Prof. Dr. Muhammad Ishaq Qurashi. Later on in 1985, the department of Islamic Studies was established. Since its establishment, the alumni of this department have been contributing to the various institutions in country and abroad. Presently, the department is offering four programs following HEC criteria. A research

Journal "Zia-e-Tahqeeq" has also been launched to highlight the intellectual efforts of the faculty members and students. Seven issues of the journal have been published. Department has organized three National Seerat Conferences, two International Seerat, two National Taswwaf, Qiraat & other Seminars and workshops. It is a great success of the department that Vice Chancellor, G. C. University, Prof. Dr. Zakir Hussain announced a "Seerat Chair" in the department in 3rd Seerat Conference. In 2013, the department of Islamic Studies was renamed as "Department of Islamic Studies & Arabic" by the Competent Authority. Department is also offering M.A (2Years) & M.Phil (2Years) program in the Distance Learning Program. So that the quality education could be delivered in an affordable & an accessible way in the field of Islamic Studies & Arabic.

Introduction Of Curriculum:

The curriculum of offered programs is divided into major subjects categories languages, area, special, general, optional /free subjects and subjects for the teaching

professions.

Language Subjects:

Arabic, Persian and English are taught as language subjects, these subjects aim at allowing students to master two or more languages, including the one in which they major about the diversity of language, thereby obtaining a deep understanding of language and culture.

Area Subjects:

Area subjects are designed to provide students with a deep understanding of the area closely related to the textual study of the Quran and Hadith, Tafseer, Fiqh, Seerah, Taswaf, Islamic History, comparative study of religions.

Special Subjects:

Special subjects are designed to have grip over other special areas like Ikhlāq O Adab, International Islamic Law, Islamic Banking, Ottoman Empire, Research Methodology, Computers, etc.

General Subjects:

General subjects are designed for information and understanding of other special areas i.e. Stats, Sociology, Education, International Relations etc.

Optional Subjects:

The curriculum is also consisted of few optional subjects such as Science and Islam, Dawat O Irshad parallel of thesis.



Career opportunities

There are huge of opportunities at job market and the graduates of the department of Islamic Studies can serve and get the following jobs;

- Teacher of Islamic Studies in educational institutions i.e. schools, colleges, universities.
- Employment in the various departments of the government; for example the department of Auqaf, Zakat and Ushar, Religious Affairs, Islamic Ideological Council and Shariah Courts.
- Administrator at the Islamic centers in foreign countries.
- Faculty member and the Research Assistant in universities.
- Religious teacher in military services.
- Columnist and anchor in print and electronic media for Islamic affairs and Islamic programs.



Vision (Arabic)

The Department aspires to promote Arabic language and literature and highlight the primacy and relevance of Arabic Language and literature in the contemporary world.

Mission (Arabic)

The aims of the offered program in the Arabic Language & Literature are:

- To enable the students understand the classical literature and poetry of Arabic language.
- To prepare the students to understand, speak and write the Arabic language.

Arabic Language & Literature

Arabic is an official language of the United Nations and a major language of the Middle East and North Africa, spoken by 280 million people around the world. Arabic is the living medium of vibrant contemporary literature and culture. Arabic is also the language of Quran and Islamic world, the faith of over billion of world's people and a significant influence as a religion and a civilization in the culture and politics of the world history and the globalised context of the modern world. The department intends to take effective measures to expand the vision of the status of Arabic language in Pakistan on the following lines,

1. The students will be made capable enough to have direct access to consult the original sources of Islamic sciences, Arabic language and literature
2. Department will enable the student to face modern challenges towards lingual, social, intellectual and religious matters.
3. The teaching staff has to focus on modern vocabulary and terminology of modern and functional Arabic language to face lingual barriers.
4. It will be possible to strengthen Urdu and other local languages to bring them closer to one another on the basis of Arabic grammar and vocabulary.
5. Installation of a language lab will be possible soon which may prove to be most scientific way to learn the right accent and basic skills of Arabic language.

Faculty

Dr. Humayun Abbas

M.A, Ph.D Islamic Studies (B.Z.U), Post Doc (Glasgow,U.K)
Professor / Coordinator Faculty of Islamic & Oriental
Learning / Chairman
Specialization: Tafseer, Hadith & Seerah, Tasawwuf

Dr. Sher Ali

M.A Islamic Studies, History, M.Ed (PU)
M.Phil Islamic Studies (A.I.O.U), Ph.D Islamic Studies
(GCUF)
Assistant Professor
Specialization: History of Islam, Tasawwuf

Dr. Hamid Raza

Ph.D (PU)
Assistant Professor

Dr. Muhammad Saleem Ismail

M.A Arabic & Islamic Studies (PU), PhD (PU Lahore)
Assistant Professor
Specialization: Translation Studies

Dr. Iftikhar Ahmad Khan

M.A Arabic & Islamic Studies, PhD (PU Lahore)
Fazil-e-Arabi
Assistant Professor
Specialization: Literature of Indo Pakistan

Dr. Mehmood Ahmad Abdullah

M.A Arabic & Islamic Studies (PU), PhD (PU Lahore)
Assistant Professor
Specialization: Qur'anic & Hadith Studies

Mr. Yasir Arfat Awan

BA (Hon), M.A, M.Phil Islamic Studies (PU)
Lecturer
Specialization: Islam and Orientalism

Hafiz Hamid Hammad

M.A, M.Phil Islamic Studies (PU)
Lecturer
Specialization: Islamic Economics, Fiqh & Usool-e-Fiqh

Zia -Ur – Rehman Zia

M.Phil Islamic Studies (International Islamic University
Islamabad)
Lecturer
Specialization: Comparative Study of Religions

Sobia Nosheen

M.Phil Islamic Studies (B.Z.U Multan)
Lecturer
Specialization: Women Studies

Dr. Ghulam Ahmad

M.A , M.Phil (IUB), PhD (GCUF)
Lecturer
Specialization: Literary Criticism

Mr. Hafiz Muhammad Asghar

M.A Islamic Studies (PU), M.Phil Islamic Studies(GCUF)
Lecturer
Specialization: Seerah

Mrs. Shazia Adnan

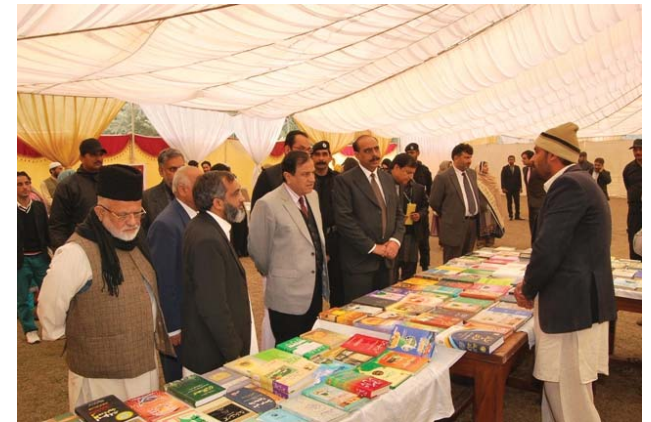
M.A, M.Phil Islamic Studies (GCUF)
Lecturer
Specialization: Islamic Economics

Ms. Asma Aziz

M.A Islamic Studies (Karachi University, Karachi), M.Phil
(GCUF)
Lecturer
Specialization: Islamic Banking

Muhammad Usman Siddique

M.A (Islamic Studies & Arabic), MIU,Lahore
Lecturer
Specialization: Hadith



Scheme of Studies

BS Islamic Studies

Semester 1

ISL-301	Introduction to Topics of Holy Quran-I	3(3-0)
EDU-313	Introduction to Education	3(3-0)
PER-321	Persian	3(3-0)
PST-321	Introduction to Pakistan Studies	2(2-0)
ENG-321	EAP (English for Academic purposes)	3(3-0)
STA-352	Introduction to Statistical Theory-I	3(3-0)

Semester 2

ISL-302	Islamic Studies (Comp) / ETH-302 Ethics (Non-Muslim)	2(2-0)
ISL-304	Introduction to Topics of Holy Quran-II	3(3-0)
ARB-324	Arabic Language-I	3(3-0)
STA-353	Introduction to Statistical Theory-II	3(3-0)
ENG-322	Reading, Writing, Speaking and Listening Skills	3(3-0)
SOC-321	Introduction to Sociology	3(3-0)

Semester 3

CIT-401	Introduction to Information & Communication Technologies	3(2-1)
ISL-401	Uloom-ul-Quran	3(3-0)
ENG-421	Communication Skills	3(3-0)
HIS-423	History of Ottoman	3(3-0)
ARB-425	Arabic Language-II	3(3-0)

Semester 4

ISL-402	History and Compilation of Hadith	3(3-0)
ISL-406	Study of Islamic Fiqh	3(3-0)
POL-422	Introduction to International Relations	3(3-0)
HIS-424	History of Sub-Continent	3(3-0)
ARB-426	Arabic Poetry	3(3-0)
ISL-408	Islamic Literature in English	3(3-0)

Semester 5

ISL-501	Study of Seerah of Holy Prophet	3(3-0)
ISL-503	History of Tafseer and its Principles	3(3-0)
ISL-505	Textual Study of Al-Quran-I	3(3-0)
ISL-507	Textual Study of Al-Hadith-I	3(3-0)
ISL-509	Textual Study of Muslim Family Law	3(3-0)

Semester 6

ISL-502	Uloom-ul- Hadith	3(3-0)
ISL-504	History of Fiqh	3(3-0)
ISL-506	Textual Study of Al-Quran-II	3(3-0)
ISL-508	Fiqh-Al-Sunnah	3(3-0)

ISL-510	Study of Religions	3(3-0)
ISL-514	Methodology of Research in Islamic Studies	3(3-0)

Semester 7

ISL-601	Fiqh-ul-Quran	3(3-0)
ISL-603	Usool-ul-Fiqh	3(3-0)
ISL-607	Akhlaq-o-Tasawwuf	3(3-0)
ISL-609	Modern Islamic world: Resources and Problems	3(3-0)
ENG-611	EFE (English for Employment)	3(3-0)
ISL-613	Al-Dawah-wal-Irshad OR Thesis	3(3-0)

Semester 8

ISL-602	Muslim Economical Thoughts	3(3-0)
ISL-604	Objectives and Philosophy of Shariah	3(3-0)
ISL-606	Study of Selected Interpretation of Compilation of Hadith	3(3-0)
ISL-608	History of Islamic Culture and Civilization	3(3-0)
ISL-610	International Islamic Law OR Thesis	3(3-0)
ISL-630	Thesis	6(6-0)

MA Islamic Studies

Semester 1

ISL-551	Textual study of Al-Quran	3(3-0)
ISL-553	History of Al-Hadith and Its principles	3(3-0)
ISL-555	Arabic grammar	3(3-0)
ISL-557	Socio-Political thoughts of Islam	3(3-0)
ISL-559	Study of Seerah	3(3-0)

Semester 2

ISL-552	History of Tafseer & its principles	3(3-0)
ISL-554	Textual study of Al-Hadith	3(3-0)
ISL-556	Arabic Literature	3(3-0)
ISL-558	History of Islam (Umayyad & abbasid)	3(3-0)
ISL-560	Muslim economics thoughts	3(3-0)
ISL562	Research methodology	3(3-0)

Semester 3

ISL-651	History of Al-Fiqh & its principles	3(3-0)
ISL-653	Study of religions-I (non-semitic)	3(3-0)
ISL-655	Islamic Akhlaq & Tasawwuf	3(3-0)
ISL-661	Islamic Banking	3(3-0)
ISL-665	Islam and science OR Thesis	3(3-0)

Semester 4

ISL-652	Textual study of Al-Fiqh	3(3-0)
ISL-654	Study of religions (semitic)	3(3-0)
ISL-656	History of Islam (Spain & Ottoman)	3(3-0)
ISL-662	Islamic literature in English	3(3-0)
ISL-664	Quranic education	3(3-0)
ISL-668	International Islamic Law OR	3(3-0)
ISL-680	Thesis	6(6-0)

M.Phil Islamic Studies

Semester 1

ISL-701	Uloom-ul-Quran	3(3-0)
ISL-702	Usool-e-Tehqiq	3(3-0)
ISL-703	Arabic language and Literature	3(3-0)
ISL-704	Translation studies	3(3-0)

Semester 2

ISL-705	Uloom-ul-Hadith	3(3-0)
ISL-706	Uloom-ul-Fiqh	3(3-0)
ISL-707	Study of Seerah	3(3-0)
ISL-708	Sufi Orders of Contemporary World	3(3-0)

Semester 3 & 4

ISL-730	Research Thesis	6(6-0)
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PhD Islamic Studies

Semester 1

ISL-801	Study of Uloom-ul-Quran	3(3-0)
ISL-802	Study of Islamic Literature in English	3(3-0)
ISL-803	Tasawwuf and Post Modernity	3(3-0)

Semester 2

ISL-804	Study of Uloom-ul-Hadith	3(3-0)
ISL-805	Islamic & Christianity: Theological themes	3(3-0)
ISL-806	Human rights Law: A comparative perspective	3(3-0)

Semester 3 to 6

ISL-830	Thesis	12(2-0)
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BS Arabic

Semester 1

ENG-321	English I	3(3-0)
ARB-303	Basic Arabic Grammar (F-I)	3(3-0)
ARB-305	General Course-II	3(3-0)
ARB-307	General Course-I	3(3-0)
MTH-321	Math/ Stat-I	3(3-0)
PST-321	Pakistan Studies	2(2-0)

Semester 2

MTH-322	Math/ Stat-II/ University Optional	3(3-0)
ISL-322	Islamic Studies/Ethics (Compulsory)	2(2-0)
ENG-322	English-II	3(3-0)
ARB-308	General Course-IV	3(3-0)
ARB-310	Functional Arabic (F-2)	3(3-0)
ARB-312	General Course-III	3(3-0)

Semester 3

ARB-401	Functional Arabic I (F-3)	3(3-0)
ARB-403	General-VI	3(3-0)
ARB-405	General-V	3(3-0)
CSI-421	Introduction to Computer	3(3-0)
ENG-421	English-II	3(3-0)

Semester 4

ARB-402	Arabic Composition & Dictation (F-6)	3(3-0)
ARB-404	Applied Grammar (F-5)	3(3-0)
ARB-406	Functional Arabic III (F-4)	3(3-0)
ARB-408	General-VIII	3(3-0)
ARB-410	General-VII	3(3-0)
ENG-422	English-IV / University Optional	3(3-0)

Semester 5

ARB-501	Arabic World (F-8)	3(3-0)
ARB-503	Hadith Literature (M-2)	3(3-0)
ARB-505	Quran Literature (M-1)☒	3(3-0)
ARB-507	History of Arabic Literature- I (M-3)	3(3-0)
ARB-509	Translation-I (F-7)	3(3-0)

Semester 6

ARB-502	Translation II(F-9) Introduction to Arabic	3(3-0)
ARB-504	Language (F-10) History of Arabic	3(3-0)
ARB-506	History of Arabic Literature II(M-4)	3(3-0)
ARB-508	Classical Arabic Prose (M-5)	3(3-0)
ARB-510	Modern Arabic Prose (M-7)	3(3-0)
ARB-512	Classical Arabic Poetry (M-6)	3(3-0)

Semester 7

ARB-601	Criticism (E-II)	3(3-0)
ARB-603	Introduction to Linguistics (F-11)☒	3(3-0)

ARB-605	Modern Arabic Poetry (M-8)☒	3(3-0)
ARB-607	Methodology of Research in Arabic (E-I)	3(3-0)
ARB-609	Comparative Literature	3(3-0)
ARB-611	Rhetoric & Prosody (M-9)☒	3(3-0)

Semester 8

ARB-630	Thesis/ Research Project	6(6-0)
ARB-604	Arabic Literature in the subcontinent (E-IV)	3(3-0)
ARB-606	Arabic Media (M-10)☒	3(3-0)
ARB-608	Arabic Literature in Spain (E-V)	3(3-0)

MA Arabic

Semester 1

ARB-551	Morphology	3(3-0)
ARB-553	Written & Spoken Arabic	4(3-1)
ARB-555	Literary History of Arabs (I)	3(3-0)
ARB-557	Ancient Arabic Prose	3(3-0)
ARB-559	Art of Translation	3(3-0)
ARB-561	Functional Arabic	3(3-0)

Semester 2

ARB-552	Syntax	3(3-0)
ARB-554	Research Methodology & Editing	4(3-1)
ARB-556	Literary History of Arabs II	3(3-0)
ARB-558	Fiction	3(3-0)
ARB-560	Translation (Arabic- Urdu-Arabic)	3(3-0)
ARB-562	Arabic Poetry-I	3(3-0)

Semester 3

ARB-651	Literary Study of Al-Quran	3(3-0)
ARB-653	Arabic Rhetoric & Prosody	4(4-0)
ARB-655	Modern Literary History of Arabs	3(3-0)
ARB-657	Study of Arabian world & its Culture (Option-I) OR	3(3-0)
ARB-659	Arabic Literature of Spain & Migrants (Option II)	
ARB-661	Arabic Poetry-II	3(3-0)
ARB-663	Literary & Islamic Sources (For Non researchers) OR	3(3-0)
ARB-680	Research Thesis (Option I)	6(6-0)

Semester 4

ARB-652	Literary Study of Al- Hadith	3(3-0)
ARB-654	Modern Arabic Literature	3(3-0)
ARB-656	History of Literary Criticism	4(4-0)

ARB-658	Arabic Literature in sub-continent	3(3-0)
ARB-660	Linguistic (Option II for non-researchers)	3(3-0)
ARB-680	Research Thesis (Option I)	6(6-0)

M.Phil Arabic

Semester 1

ARB-701	Research Methodology & Editing the Manuscript	3(3-0)
ARB-703	Comparative Literature	3(3-0)
ARB-705	literary Criticism	3(3-0)
ARB-707	Study of Primary Sources of Arabic Literature (Option I) OR	3(3-0)
ARB-709	Arabic Media(Option II)	3(3-0)

Semester 2

ARB-702	Art of Translation	3(3-0)
ARB-704	Arabic Rhetoric	3(3-0)
ARB-706	Literary Criticism of Arabs (Modern Period)	3(3-0)
ARB-708	Methods of Literary Study	3(3-0)

Semester 3 & 4

ARB-730	Thesis	6(6-0)
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PhD Arabic

Semester 1

ARB-801	Phonetics	3(3-0)
ARB-803	Modern Arabic Literature	3(3-0)
ARB-805	Arabic Media	3(3-0)

Semester 2

ARB-802	New Trends in Arabic Literature	3(3-0)
ARB-804	Area Study	3(3-0)
ARB-806	Arabic Rhetoric	3(3-0)

Semester 3 to 6

ARB-830	Thesis	12(12-0)
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Programs Offered

- B.S (Hons) 4 Year Program
- M.A 2 Year Program
- M.Phil 2 Year Program
- Diploma in Persian 6 Months

Coordinator:
Dr. Ghulam Akbar

Department of Persian

Contact: 041-9200672, 041-9200066-70, Ext: 104

Email: persian@gcuf.edu.pk

Mission

The Department would play a vital role in promoting and spreading Persian language which can act as a bridge between two countries Pakistan and Iran. Our mission is to revive the glory of Persian language which is a store house of immense literary and philosophical literature. Knowledge of Persian would help to learn Turkish, Arabic, Urdu, Punjabi, Sindhi, Pashto, Blochi, and Hindi and pursue a variety of exciting careers in Government, International business or education. Our national language, Urdu has more than 60% Persian words.

Career Opportunities

Students of this department continue to enter a variety of vocational fields, some of which are CSS, Advertising, Media, Banking, Business, Translation /Interpreting, Teaching, Educational Administration & Research, News agencies, Foreign Ministry, Central Asia Trading etc.

Introduction

Persian is spoken by 120 million people not just in Iran, but also in Afghanistan and Central Asia. Learning Persian language is not only a source of developing our relations with Iran, Afghanistan, Tajikistan and other Persian regional countries but also helps in fully understanding Urdu language, literature and Allama Iqbal's poetry. In addition, a great treasure of religious books is in Persian language and many other have been translated in Persian language. These books are an authority in religious and religious teachings too.

In GC university Faisalabad, the department of Persian is newly established w.e.f 20th April, 2013; with a view to provide facilities for advanced studies and research in the fields of Persian language and literature with particular emphasis on the literature produced in the Indo-Pak subcontinent during the last nine centuries, and to familiarize the younger generation of this country

with the history, language and literature of Iran. The Department has been established owing to the kind cooperation of worthy Vice Chancellor, Prof. Dr. Zakir Hussain. Prof. Dr. Tahir Taunsvi (Dean Faculty of Islamic and Oriental Learning), and Dr. Ghulam Akbar (Coordinator) are the founder of the department. The department was inaugurated by Dr. Javaid Iqbal S/O Allama Iqbal and Iranian Cultural Centre Director General, Dr. Abbas Famoori on 29th of November, 2012 in an official ceremony.

Faculty

Dr. Ghulam Akbar

Coordinator /Assistant Professor
M.A Persian, Ph.D Persian, M.A Urdu , M.Phil Urdu

Mr. Sami Ullah

Lecturer (On Study Leave)
M.A, M.Phil Persian, M.A Urdu

Scheme of Studies

MA Persian

Semester 1

PER-1101	Classical Prose I	3(3-0)
PER-1102	Classical Poetry I	3(3-0)
PER-1103	Literary History of Persia I	3(3-0)
PER-1104	Literary History of Indo-Pak I	3(3-0)
PER-1105	Iranology I (Optional)	3(3-0)
PER-1106	Persian Grammar I (Optional)	3(3-0)
PER-1107	Linguistics	3(3-0)

Semester 2

PER-2101	Classical Prose II	3(3-0)
PER-2102	Classical Poetry II	3(3-0)
PER-2103	Literary History of Persia II	3(3-0)
PER-2104	Literary History of Indo-Pak II	3(3-0)
PER-2105	Iranology II (Optional)	3(3-0)
PER-2106	Persian Grammar II (Optional)	3(3-0)
PER-2107	Persian Literature in Punjab	3(3-0)
PER-2108	Religious Literature	3(3-0)

Semester 3

PER-3101	Modern Persian Literature I	3(3-0)
PER-3102	Iqbaliat I	3(3-0)
PER-3103	Mysticism I	3(3-0)
PER-3104	Comparative Study of Persian and Urdu Literature	3(3-0)
PER-3105	Persian Research Methodology	3(3-0)
PER-3106	Persian Manuscript Studies (Optional)	3(3-0)
PER-3107	Rhetoric	3(3-0)

Semester 4

PER-4101	Modern Persian Literature II	3(3-0)
PER-4102	Iqbaliat II	3(3-0)
PER-4103	Mysticism II	3(3-0)
PER-4104	Criticism	3(3-0)
PER-4105	Persian Literary Sources	3(3-0)
PER-4106	Comparative Study of Arabic and Persian Literature	3(3-0)
PER-4107	Translation and Spoken Persian	3(3-0)

M.Phil. Persian

Semester 1

PER-711	LITERARY HISTORY OF PERSIA (COMP)	3(3-0)
PER-712	CLASSICAL & MODERN PROSE (COMP)	3(3-0)
PER-713	IQBALIYAT (COMP)	3(3-0)
PER-714	RESEARCH METHODOLOGY & (OPTIONAL)	3(3-0)
PER-715	RHETORIC, TRANSLATION & SPOKEN PERSIAN (OPTIONAL)	3(3-0)
PER-716	HISTORIOGRAPHY (OPTIONAL)	3(3-0)

Semester 2

PER-721	LITERARY HISTORY OF SUB-COTINENT (COMP)	3(3-0)
PER-722	CLASSICAL & MODERN POETRY (COMP)	3(3-0)
PER-723	PERSIAN LITERARY CRITICISM (COMP)	3(3-0)
PER-724	MYSITICISM (OPTIONAL)	3(3-0)
PER-725	IRANOLOGY (OPTIONAL)	3(3-0)
PER-726	LINGUISTICS (OPTIONAL)	3(3-0)

Semester 3 & 4

PER-730	TEHQEEQI MAQALA	6
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BS Persian

Course code	Course Title	Credit Hours	Semester
PER-101	فارسی نظم و نثر اور دستور (i)	3(3-0)	i
PER-201	فارسی نظم و نثر اور علم بیان (ii)	3(3-0)	ii
PER-301	فارسی نظم و نثر اور دستور فارسی (iii)	3+3=6	iii
PER-401	فارسی نظم و نثر اور علم بدیع (iv)	3+3=6	iv
PER-501	ایران میں کلاسیکل فارسی نثر کے ارتقا کا تنقیدی جائزہ	3(3-0)	v
PER-502	ایران میں کلاسیکل فارسی شعر کا ارتقا	3(3-0)	v
PER-503	دستور پیشہ نثر زبان فارسی (اختیاری) ☆	3(3-0)	v
PER-504	ترجمہ (اردو، عربی اور فارسی میں ترجمہ) (اختیاری) ☆	3(3-0)	v
PER-505	Computer Applications (اختیاری) ☆	3(3-0)	v
PER-506	برصغیر میں کلاسیکل فارسی نثر کے ارتقا کا تنقیدی جائزہ	3(3-0)	v
PER-601	برصغیر میں کلاسیکل فارسی شعر کا ارتقا	3(3-0)	vi
PER-602	علم بیان و بدیع و معانی (اختیاری) ☆	3(3-0)	vi
PER-603	تحقیق و نقادانی (اختیاری) ☆	3(3-0)	vi
PER-604	فارسی گفتاری (i) (اختیاری) ☆	3(3-0)	vi
PER-701	ایران میں فارسی ادب کے ارتقا کا تنقیدی جائزہ	3(3-0)	vii
PER-702	ایران میں تصوف کے ارتقا کا تنقیدی جائزہ	3(3-0)	vii
PER-703	اقبالیات	3(3-0)	vii
PER-704	جدید فارسی نثر کے ارتقا کا تنقیدی جائزہ	3(3-0)	vii
PER-801	فارسی گفتاری (ii)	3(3-0)	viii
PER-802	برصغیر میں فارسی ادب کے ارتقا کا تنقیدی جائزہ	3(3-0)	viii
PER-121	برصغیر میں تصوف کا ارتقا	3(3-0)	viii
PER-122	جدید فارسی شعر کے ارتقا کا تنقیدی جائزہ	3(3-0)	viii
PER-123	تحقیقی مقالہ (Thesis)	6(6-0)	viii

☆ ضروری نوٹ: i- پانچویں سیمسٹر میں PER-505، PER-504، PER-503 میں سے طلباء کے لئے ایک کورس کا انتخاب لازمی ہے۔
ii- پچھلے سیمسٹر میں PER-604، PER-603، PER-602 میں سے طلباء کے لئے ایک کورس کا انتخاب لازمی ہے۔



Department of Urdu & Punjabi

Contact: 041-9200672, 041-9200066-70, Ext: 320

Vision (Urdu)

The Department of Urdu has greatly contributed in the promotion and development of Urdu language and literature since its birth in 1963. The Department started M.Phil and Ph.D programmes in 2004 and 2009 respectively.

Mission (Urdu)

Urdu language has become a craze all over the world and it has connected us with the literary tradition and great works of cross cultural literary studies plus new critical theories, prevalent in the modern literature. This vision of the Department is being worked upon by implementing that frame of policies guide us to this direction.

Introduction (Urdu)

The department of Urdu in GC-University, Faisalabad was established in 1963 at post graduate level and very illuminating teacher Mr. Manzoor Hussain Shoar became its first chairman and academic leader. After attaining the status of University, Professor Ishfaq Hussain Bukhari became the first Chairman of the department of Urdu. The department introduced its M.Phil programme in addition to its regular master programme. The M.Phil programme was started on 2004 and Ph.D. programme started on 2009.

The department has recently started B.S Urdu four years programmes in 2010. The Department has designed various new courses, like, Computer Literacy, translation, communication skills and script writing. The department is making every effort to encourage and nourish creative talent as well as research aptitude of students. Since 2006 the department has been publishing its Research

Programs Offered

- BS Urdu
- MA Urdu
- M.Phil. Urdu
- Ph.D. Urdu
- MA Punjabi

Coordinator:
Dr. Humayun Abbas

Journal "Zuban-o-Adab" which has got wide recognition and approved by HEC in 2011. In order to have better introduction the Department has Six International Conferences and Seminars as under:

- First International Urdu Conference "Urdu Tehqiq-o-Tanqeed Aalmi Tanazur Mein" held on 29th to 31st August 2006.
- International Seminar on the topic of "Qaumi Tashkhus Main Zaban-o-Adab Aur Saqafat ka kirdar" held on March 7, 2008.
- International Seminar Ghalib held on March 27, 2008
- National Seminar on Faiz Ahmed Faiz held on February 16, 2009.
- Faiz Ahmed Faiz International Conference on 3 November, 2011.
- Allama Iqbal International Conference 28 to 30 November, 2012.

Vision (Punjabi)

Our vision is to establish Punjabi Language, Literature and history as one of the oldest and richest literatures of the world favorably comparative with the literatures in other languages.

Mission (Punjabi)

The mission of the department of Punjabi is to promote Punjabi language and literature and highlight its rich history and diversity. Punjabi is a language of Sufis which imbibes the culture and values of its people. The department aspires to restore the Punjabi language and literature to its rightful place in academia society.

Introduction (Punjabi)

Punjabi is the language of millions of people of Punjab and a means of communication through which they perform and execute the business of their daily life. For centuries Punjabi has been a medium of expression of the saints and other great poets of this region. Therefore the structure of the Punjabi classical poetry is erected on the foundations of mysticism and high moral values. The great mystics like Baba Fareed Gunj Shakkar, Shah Hussain, Sultan Bahoo, Syed Bulhey Shah, Ali Haider, Syed Hashmin Shah, Syed Waris Shah, Maulvi Ghulam Rasool, Mian Muhammad Bukhsh and Khwaja Ghulam Fareed presented their striking ideas in Punjabi poetic form for the worldly as well as the religious guidance of the people. Punjabi language does not only reflect the realities and attitudes for life but is also a great source of social, cultural and historical identity.



Faculty (Urdu)

Dr. Humayun Abbas

M.A, Ph.D Islamic Studies(B.Z.U), Post Doc(Glasgow,U.K)
Chairman/Professor/Coordinator Faculty of Islamic & Oriental Learning
Specialization: Tafseer, Hadith & Seerah, Tasawwuf

Dr. Muhammad Asif Awan

M.A Urdu (Gold Medalist), M.Phil., Ph.D
Associate Professor
Specialization: Iqbal Studies & Criticism

Dr. Shabbir Ahmad Qadri

M.Phil, Ph.D
Assistant Professor
Specialization: Research, Classical Poetry, Fiction

Dr. M. Arshad Ovaisi

Ph.D
Assistant Professor
Specialization: History of Urdu Language and Literature, Research, Editing & Translation

Dr. Perveen Akhtar kallu

M.Phil, Ph.D
Assistant Professor
Specialization: Fiction and Research, Translation, Punjabi Language & Literature

Dr. Tariq Mehmood Hashmi

M.Phil, Ph.D
Assistant Professor
Specialization: Criticism of Poetry & Modern Trends

Dr. Rabia Sarfraz

M.Phil, Ph.D
Assistant Professor
Specialization: Translation, Iqbal studies, Criticism

Dr. Asghar Ali Baloch

M.A, Ph.D
Assistant Professor
Specialization: History of Urdu Language & Literature

Dr. Mamuna Subhani

M.Phil, Ph.D
Assistant Professor
Specialization: Research & Fiction

Dr. Saeed Ahmad

M.Phil, Ph.D
Assistant Professor
Specialization: Modern Criticism, Classical & Modern Poetry

Faculty (Punjabi)

Dr. Asma Ghulam Rasool

PhD
Assistant Professor
Specialization: Poetry

Dr. Fiaz Maghyana

PhD
Assistant Professor
Specialization: Prose

Ms. Sobia Aslam

M.Phil
Lecturer
Specialization: Prose



Scheme of Studies

BS Urdu

Semester 1

URD-301	URDU ZABAN: TASHKIL-O- ERTIQA (BUNYADI)	3
URD-303	URDU ZABAN: QAWAID-O- IMLA (BUNYADI)	3
ENG-321	ENGLISH-I (COMP)	3
PST-322	PAKISTAN STUDIES (COMP)	2
MTH-333	MATHEMATICS (COMP)	3
PSY-311	NAFSIYAT (AMOOMI)	3
SOC-313	IMRANIYAT (AMOOMI)	3
ECO-315	MAASHIYAT (AMOOMI)	3

Semester 2

URD-302	SHAIRY ASNAF: TAARUF AUR TAFHEEM-I (BUNYADI)	3
URD-304	BAYAN-O-BADEE-O-AROOZ(BUNYADI)	3
ENG-322	ENGLISH-II (COMP)	3
ISL-308	ISLAMIYAT/ AKHLAQIYAT (COMP)	3
STA-350	STATISTICS (COMP)	3
PHL-312	PHILSIFA (AMOOMI)	3
URD-314	MUSLIM TEHZEEB-O-SAQAFAT(AMOOMI)	3
URD-316	JADEED FIKRI MUBAHIS (AMOOMI)	3

Semester 3

URD-401	NASRI ASNAF: TAARUF AUR TAFHEEM (BUNYADI)	3
URD-403	ADBI ISTALAHAT (BUNYADI)	3
URD-405	SHAIRY ASNAF: TAARUF AUR TAFHEEM-II (BUNYADI)	3
ENG-421	ENGLISH-III (COMP)	3
CSI-409	COMPUTER KA TARAF-I (COMP)	3
HIS-411	BERAZEEM KI TARIKH (MA-QABL-TARIKH SAY 1947) (AMOOMI)	3
POL-413	PAKISTAN: SAISI TARIKH (AMOOMI)	3
URD-415	FARSI,ARBI,HINDI, ZABANON K QAWID AUR RAWAYAT (AMOOMI)	3
URD-416	ALMI KLASIK K TRAJIM (AMOOMI)	3

Semester 4

URD-402	NASRI ASNAF: TAARUF AUR TAFHEEM –II (BUNYADI)	3
URD-404	INSHAI-O-RASMI NASER AUR TERJAMA NIGHARI-AMLI TERBIAT (BUNYADI)	3
URD-406	TEHQEEQ-O-TANQEED:BUNJADI MUBAHIS (BUNYADI)	3
ENG-408	COMPUTER LITERCI -II (COMP)	3
CSI-410	PAKISTAI ZABAON KA ADAB (AMOOMI)	3

HIS-412	GEOGRAFI ALOOM (AMOOMI)	3
POL-414	FITRI ALOOM (AMOOMI)	3
URD-422	MAHOLIYAT (AMOOMI)	3
URD-418	FALKIYAT (AMOOMI)	3

Semester 5

URD-501	URDU DASTAN AUR NAWAL:FIKRY AUR FANNY MUBAHIS (TAKHSEESI)	3
URD-503	URDU GHAZEL KA FIKRRY-O-FANNY MUTLA (TAKHSEESI)	3
URD-505	TARIKH –E-ADAB-E-URDU AUR ADBI TEHREEKIN (TAKHSEESI)	3

Semester 6

URD-502	URDU AFSANA AUR DRAMA: FIKRRY AUR FANNY MUTLA (TAKHSEESI)	3
URD-504	BISVIN SADI MEIN NAWAL KA IRTIQA AUR US K FIKRRY-O-FANNY MUBAHIS (TAKHSEESI)	3
URD-506	URDU NAZAM: FIKRRY AUR FANNY MUTAILA (TAKHSEESI)	3

Semester 7

URD-603	LISANIYAT (TAKHSEESI)	3
URD-605	ASOOL-E- TEHQEEQ-O- TADVEEN (TAKHSEESI)	3
URD-630	RESEARCH WORK (TAKHSEESI AKHTYARI)	3
URD-607	URDU FICTION KA MABAAD-UL-TABIATI MUTLA (TAKHSEESI AKHTYARI)	3
URD-609	URDU FICTION MAIN TARIKHI-O-TEHZEEBI SHAOOR (TAKHSEESI AKHTYARI)	3
URD-611	URDU ADAB K MAROOF AUR AHIM KERDAR (OPTIONAL)	3
URD-613	JADEED URDU AZAM KA FIKRRYO FANNY MUTLA-HAIYTT,MUZOO’AAT AUR ASALEEB K HAWALY SAY (TAKHSEESI AKHTYARI)	3
URD-615	JADEED URDU GHAZAL KA ASLOOBI MUTAILA- LEHJA,ALAMAT AUR AMIJRY K HAWALY SAY (TAKHSEESI AKHTYARI)	3
URD-617	URDU ADAB KA TANEESI MUTLA (TAKHSEESI AKHTYARI)	3
ENG-601	ENGLISH FOR EMPLOYEMENT(EFE)	3

Semester 8

URD-630	RESEARCH WORK (TAKHSEESI)	3
URD-602	NAY TANQEEDI MUBAHIS (TAKHSEESI)	3
URD-604	IQBAL KA KHASUSI MUTLA(FIKRRY-O-FANNY MUTLA AUR TASHREEH MATA) (TAKHSEESI)	3
URD-606	URDU NASR K ASALEEB: MEZAH, SAFERNAMA, APP BITI,FANNY-O-FIKRY AUR	3

ASLOBIATI MUTAILI (TAKHSEESI)		
URD-608	URDU ADAB K NAY MRAKIZ-QUMI AUR BANUL AQWAMI (TAKHSEESI AKHTYARI)	3
URD-610	ADAB AUR SAMGGI ALOOM (TAKHSEESI AKHTYARI)	3
URD-612	ADAB AUR ABLAGIYAT (TAKHSEESI AKHTYARI)	3
URD-614	FAROOGY URDU K AHIM IDARY (TAKHSEESI AKHTYARI)	3
URD-616	ADBI TAWARIKH KA TAQABLI MUTLA (TAKHSEESI AKHTYARI)	3
URD-618	URDU ADAB KA MAA’BAAD NAUABADYIATI MUTLA (TAKHSEESI AKHTYARI)	3

MA Urdu

Semester 1

URD-551	TARIKH-E-ZABANO ADAB URDU PART-I (COMP)	4
URD-553	URDU SHAIRY KALASIKA AHED MEIN PART-I (COMP)	4
URD-555	ASALEEB-E-NASR-E- URDU PART-I (COMP)	3
URD-557	AFSANVI ADAB PART-I (COMP)	3
URD-559	ASOOL-O- MASAIL TALAFUZO IMLA (OPTIONAL)	2
URD-565	TERJUMA-ASULO FUN (OPTIONAL)	2
CSI-551	AZHARO ABLAG KI HUNERMANDI-I (COMP) COMPUTER LITERACI	1
ENG-569	ANGRAZEE BOOL CHAL	2

Semester 2

URD-552	TARIKH-E- ZABANO ADAB URDU PART-II (COMP)	4
URD-554	URDU SHAIRY KALASIKA AHED MEIN PART-II (COMP)	4
URD-556	ASALIBE ASER URDU PART-II(COMP)	3
URD-558	AFSAVI ADAB PART-II (COMP)	3
URD-562	HALI-O-AKBAR KA KHASOSI MUTLA (OPTIONAL)	2
URD-566	ALMI KLASIK-TAARIFI MUTLA (OPTIONAL)	2
CSI-568	AZHAR-O-ABLAG KI HUNERMANDI-II (COMP) COMPUTER LITERACI	3
ENG-570	ANGRAZEE BOOL CHAL	2

Semester 3

URD-651	TANQEED(ASULI MUBAHIS AUR AMLI TANQEED) (COMP)	4
URD-653	IQBAL KA KHASOSI MUTAILA (COMP)	4

URD-655	ASOOL-E- TEHQEEQO TADVEEN (COMP)	3
URD-657	URDU SHAIR-O- ADAB-MAASIR MANZAR NAMA (COMP)	3
URD-661	FARSI ZABAO ADAB (OPTIONAL)	3
URD-665	GHALIB KA KHASOSI MUTLA (OPTIONAL)	3
URD-680	TEHQEEQI MAQALA (OPTIONAL)	3

Semester 4

URD-652	TANQEED(MASHRAQI-O-MAGHRABI) (COMP)	4
URD-654	IQBAL KA KHASOSI MUTLA PART-II (COMP)	4
URD-656	SAHAFAT-O- TERJAMA AUR ISHTIHAR SAZI (COMP)	4
URD-658	FAISALABAD DAVISION MEIN SHAIR-O-ADAB KI RAVAIAT (OPTIONAL)	3
URD-660	URDU K ADBI JARAID KI RAVAIT KA MUTLA (OPTIONAL)	3
URD-680	TEHQEEQI MAQALA (OPTIONAL)	3

M.Phil. Urdu

Semester 1

URD-701	ASOOL-E- TENQEED(COMP)	3
URD-703	ASOOL-E-TEHQEEQO TADVEEN (COMP)	3
URD-705	IQBALIYAT MEIN TEHQEEQO TADVEEN KI RAWAAT(COMP)	3
URD-707	TARJUMA ASOOL-O- MASAIL (COMP)	2
URD-709	URDU ZABANO ADAB K ASRAT K HAWALY SAY RESEARCH REPORT PER MABNI SAMINAR (COMP)	1

Semester 2

URD-702	JADEED TENQEED(COMP)	3
URD-704	TEHQEEQ-O-TADVEEN(AMLI O ATLAQI) (COMP)	3
URD-706	LISANIYAT URDU AUR PAKISTANI ZABANO K LASANI RAVABIT (COMP)	3
URD-708	PAKISTANI MEDIA- TAARIFO IRTIQA (OPTIONAL)	2
URD-710	FARSI ZABANO ADAB KA MUTALIA (OPTIONAL)	2
URD-714	URDU ZABANO ADAB K HAWALY SAY SAMINAR (COMP)	1

Semester 3 & 4

URD-730	TEHQEEQI MAQALA	6
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Ph.D. Urdu

Semester 1

URD-801	TEHQEEQO TADVEEN (COMP)	3
URD-803	AMLI TANQEED(COMP)	3
URD-805	URDU ADAB KI TEHREEQAIN(COMP)	3

Semester 2

URD-802	TERTEEBO TADVEEN MATTN-RIVAIAT-O-TAQABUL (COMP)	3
URD-804	URDU KI TERVEEJ MAIN ELMI ADARON KA KERDAR(COMP)	3
URD-806	ALMI TAKHLIQI ADAB K URDU MEIN TRAJUM(COMP)	3

Semester 3 & 4

URD-730	TEHQEEQI MAQALA	6
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MA Punjabi

Semester 1

PUN-551	JADEED PUNJABI NAZAM	3(3-0)
PUN-553	PUNJABI DE JADEED NASAR	3(3-0)
PUN-555	PUNJABI WICH DENI ADAB	3(3-0)
PUN-557	WAR, JANGNAMA	3(3-0)
PUN-559	TAREEKH PUNJABI ZABAN-O-ADAB (PART-I)	4(4-0)

Semester 2

PUN-552	JADEED PUNJABI GHAZAL	3(3-0)
PUN-554	PUNJABI DA DASTANI ADAB(PART-I)	3(3-0)
PUN-556	PUNJABI WICH SERAT NEGhari	3(3-0)
PUN-558	SAHAFAT TAY PUNJABI SAHAFAT	4(4-0)
PUN-560	TAREEKH PUNJABI ZABAN-O-ADAB (PART-II)	4(4-0)

Semester 3

PUN-651	TASAWUF TAY SOFIANA SHAIRI	3(3-0)
PUN-653	PAKISTANI ZABANAAN DA ADAB	3(3-0)
PUN-655	NAZRI TANQEED	4(4-0)
PUN-657	PUNJABI LISSANIAAT	4(4-0)
PUN-659	PUNJABI DA DASTANI ADAB(PART-II)	4(4-0)

Semester 4

PUN-652	KHOJ TAY EHDAY ASOOL	4(4-0)
PUN-654	AMLI TANQEED	4(4-0)
PUN-656	QAUMI TAY MILLI ADAB	4(4-0)
PUN-658	PUNJABI TARJMAY (ELECTIVE)	3(3-0)
PUN-660	LOOK GEET (ELECTIVE)	3(3-0)
PUN-662	TEHQEEKI MAQALA (ELECTIVE)	6(6-0)

Note: Those Students who will take research Paper (Tehqeeqi Maqala), will not Read Course codes PUN-658 & PUN-660



University Community College

Principal: Sibqat Ullah Tahir

Contact: 041-9201207, 041-9200066-70, Ext: 361

An educational institution plays a vital role in building up the character and personality of its students. It produces a generation of the students who have to shoulder the heavy responsibilities of the future. Founded in 1897 as a Municipal Middle School, Government College started its long and tiring journey of success more than a century ago. In May 1924, it attained the status of Intermediate College and in 1933 it was upgraded to Degree level. Post graduate disciplines were introduced in 1963 and Government of the Punjab declared the Government College, Faisalabad as an autonomous institution on, 1st July 1990. The College was given the status of University on 23rd October 2002, by Lt. General (R) Khalid Maqbool, the then Governor of the Punjab. University Intermediate College was established in 2004 and shifted to its present premises in September 2004. It was upgraded and declared University Degree College in 2009. Later on, status of University Community College was given by the Syndicate in 2012.

The Community College will provide quality market-responsive training specifically designed to meet the changing technical requirements of current job market in Pakistan. It will attract the students and employees who want to enhance employee productivity at a small or large business, need knowledge to stay current in the related technical field, or they are considering a career change, in-demand skill certification programs and customized solutions to meet the needs of the business and industry. It will offer customized contract credit and non-credit programs specifically designed to meet the changing technical requirements for current job market.

The college will work with major industry partners. Through co-op programs with business, government and community employers, such as Textile, Computer, Business, Commerce and Management sectors, the existing workers will have opportunity to earn a salary and benefits as they gain valuable high technological skills. Moreover, the selected top ranked students will have a chance to get entry into graduate degree programs in the relevant field. To facilitate easy enrollment and studentship, the college administration will provide customized recruitment, assessment, and training and registration services for groups of employees at their worksites.

Community College will provide an affordable vibrant education in a diverse urban environment. Community College educational programs are designed to enrich the social, civic and economic fabric of our community, nation and the world. Ideas, innovation and the preparation of a well-trained work-force are essential to a vibrant economy. Community college provides access and opportunity for non-traditional students, workforce development and training resources for local organizations, and community partnerships that are improving high school graduation, college enrollment and career success. It provides access and opportunities for non- traditional students; Workforce development and training resources for economic growth and Strategic partnership with the community.



Associate Degree Programs

An Associate Degree is a two year post-intermediate or equivalent academic degree to be awarded by public and private universities primarily in market driven subjects based on local and regional community and industry. The Associate Degree holder will be a simple "Graduate" as this degree will be equivalent to BA/ B.Sc (Pass) degree as far as the level of the degree is concerned. The immediate link of the Associate Degree with the needs of the market are the core requirements of this program since this degree fulfills a requirement or need of industry and is developed to respond to that object. The Associate Degree is not to be awarded in a generous manner upon the completion of two years or four years regular undergraduate (BS) program.

Basic Structure of Associate Degree Programs

Sr. No.	Categories	No. of Courses	Credit Hours	% age of total Cr. Hrs
1	Compulsory Courses	07	20	28%
2	Foundation Courses	04	12	17%
3	Major Courses	10	33	47%
4	Elective Courses	02	06	8%
	Total	23	71	100%

The following Associate Degree Programs are offered for the Fall Session 2014

- 1- Accounting & Finance
- 2- Applied Psychology
- 3- Banking & Finance
- 4- Business Administration
- 5- Computer Science
- 6- Education (Elementary)
- 7- Hotel and Restaurant Management
- 8- International Relations
- 9- Information Technology
- 10- Marketing Management
- 11- Mass Communication
- 12- Public Administration
- 13- Software Technologies
- 14- Textile Design

Associate Degree in Accounting & Finance

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc(Pre-medical, Non-medical)
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in Applied Psychology

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in Banking & Finance

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc(Pre-medical, Non-medical)
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in Business Administration

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc(Pre-medical, Non-medical)
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in City and Regional Planning

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc
- ICS
- F.A (with Geography, Computer Science, Statistics, Economics, Sociology and Mathematics as electives)
- I.Com
- Minimum 45% marks required

Associate Degree Programs

Associate Degree in Computer Science

For admission in this program, the candidates must have passed out from the following disciplines.

- ICS
- F.Sc (Pre-Engineering)
- F.Sc (Pre-Medical with additional Mathematics)
- Minimum 45% marks required

Associate Degree in Education (Elementary)

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in Hotel and Restaurant Management

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in International Relations

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in Information Technology

For admission in this program, the candidates must have passed out from the following disciplines.

- ICS
- F.Sc (Pre-Engineering)
- F.Sc (Pre-Medical with additional Mathematics)
- Minimum 45% marks required

Associate Degree in Marketing Management

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc(Pre-medical, Non-medical)
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in Mass Communication

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in Public Administration

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc (Pre-Engineering, Pre- Medical)
- ICS
- F.A
- I.Com
- Minimum 45% marks required

Associate Degree in Software Technologies

For admission in this program, the candidates must have passed out from the following disciplines.

- ICS
- F.Sc (Pre-Engineering)
- F.Sc (Pre-Medical with additional Mathematics)
- Minimum 45% marks required

Associate Degree in Textile Design

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc
- ICS
- F.A
- I.Com
- Minimum 45% marks require

BS Programs

BS Accounting & Finance

Eligibility Criteria

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc (Pre-medical, Pre- Engineering)
- ICS
- F.A
- I.Com
- Minimum 45% marks required

BS Remote Sensing & Geographic Information System (RS&GIS)

Eligibility Criteria

For admission in this program, the candidates must have passed out from the following disciplines.

- F.Sc (Pre-Engineering/ Pre-Medical with additional Mathematics)
- ICS
- F.A (with subjects of Geography, Statistics, Economics, Computer Science, Mathematics and Geology)
- I.Com
- Minimum 45% marks required

B.Tech Degree Programs

The main purpose of introducing B.Tech programs is to facilitate possible upgrading of holders of the Diploma of Associate Engineer in Civil/Electrical/Electronics Telecom to a Bachelor of Technology in Civil/Electrical Technology level focusing on those areas relevant to the local industry. As a technology degree, it builds on the practically oriented training at diploma level. The curriculum for the degree of Bachelor of Technology is therefore designed to produce graduates with sufficient theoretical knowledge, design skills and practical experience that will enable them fit into any area of Civil/Electrical Engineering practice. Along with the technical education, we also want to inculcate in admitted students the sense of ethics, morality, leadership, creativity, self-confidence and independent thinking.

The following B.Tech Programs are offered for the Fall session 2014

- B.Tech Civil Technology (Pass) (Two Year)
- Bachelor in Civil Technology (B.Tech) (Four Year)
- B.Tech Electronics (Pass) (Two Year)
- B.Tech Electrical Technology (Pass) (Two Year)
- Bachelor in Electrical Technology (B.Tech) (Four Year)
- B.Tech Mechanical Technology (Pass) (Two Year)

Eligibility Criteria

For admission in these programs, the candidates must have passed out from the following respective disciplines:

- Diploma in Associate Engineer (DAE), Electrical/Electronics/Civil/Telecom
- Minimum 50% marks required

Diploma Programs

GC University Faisalabad is also offering following diploma programs at University Community College:

- Advance Diploma in Clinical Psychology (Duration: 1 year)
- Office Management (Duration: 03 months)
- Geographic Information System (GIS) (Duration: 03 months)
- PGD (Information Technology) (Duration: 1 year)
- Web Development (Duration: 04 months)
- Hotel & Tourism Management (Duration 03 months)



Prospectus Committee

Prof. Dr. Iftikhar Hussain Bukhari Chairman, Department of Chemistry	Convener
Prof. Dr. Farhat Abbas Chairman, Department of Environmental Science	Member
Dr. Haseeb Anwar Chairman, Department of Physiology	Member
Dr. Muhammad Irfan Ullah Department of Physiology	Co-opt. Member
Dr. Hazoor Muhammad Sabir Director Advanced Studies	Co-opt. Member
Dr. Hidayat Rasool Director Undergraduate Studies	Co-opt. Member
Mr. Jaweed Anjum Director, P & IC	Co-opt. Member
Mr. Ghulam Ghous Additional Registrar	Member
Mr. Khurram S. A. Qureshi IT Manager	Member
Mr. Hassan Mahmood Computer Programmer	Co-opt. Member



Disclaimer

This prospectus provides information about the academic programs of various faculties of GC University, Faisalabad and should not be taken as binding on the University. Information contained in it, including curriculae, admission procedures, rules of examination, regulations of discipline and fee and dues are periodically reviewed and revised by the Competent Authority. The University reserves the right to change any rules, regulations and financial effects applicable to the students whenever and where ever it is deemed appropriate or necessary.

Striving for Excellence



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