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Our Mission

"To provide quality education to the youth of our nation in a stimulating and conducive learning environment by equipping them with the intellectual and technological tools necessary to meet the challenges of the future."

Chairman's Message

It is my immense pleasure to welcome you to the University of Central Punjab, a nationally recognised university for academic and extracurricular achievement. Here at UCP, we are a dynamic community of scholars and students alike who are devoted to serving our nation through education and research.

UCP has students from all over Pakistan, from different social, cultural and economic backgrounds. We thrive in knowing that our community is diverse, friendly and tolerant. We take pride and honour in our role in developing young minds. This is done not only through academics but through a wide variety of educational, social and athletic activities that are available so that you may embark on a journey of self-discovery and growth. This prepares you to play effective roles in our complex, challenging and ever-changing society.

As a student, you will not only benefit from extraordinary resources of a world class institution that has been dedicated to teaching and research since its inception but also from a faculty that is committed to your moral and intellectual well-being. Your teachers look forward to guiding you through your years at UCP as well as after you have graduated.

As UCP looks to the future we aspire to promote multi-disciplinary research at our institution, not only to aid Pakistan's industry but also so that our students have the opportunity to pursue a limitless list of courses. We aim to make our students adaptable to change so that they may thrive in a rapidly evolving job market; critical thinkers to be able identify problems in our society and; creative to come up with pragmatic solutions. Furthermore, campus wide encouragement of entrepreneurship is underway in order to make our students job creators instead of job seekers as the population of Pakistan continues to boom and industry continues to grow at a less rapid pace.

I urge you to make most of your time at university and avail every opportunity that comes your way. May your journey with UCP be memorable as well as transformative!



Mian Amer Mahmood

Chairman Board of Governors

University of Central Punjab

Chancellor

Mohammad Ali Jinnah University
Capital University of Science & Technology

Chairman

Punjab Group of Colleges
Hadaf Group of Colleges
Allied Schools
EFA Schools
Resource Academia Schools

Chief Executive

Dunya Television Network
Lahore News

Editor-in-Chief

Roznama Dunya



Prof. Dr. Mohammad Nizamuddin (S.I)

Pro-Rector, UCP

MS University of Chicago
PhD University of Michigan Ann Arbor

Pro-Rector's Message

Greetings and a very warm welcome to the University of Central Punjab (UCP)! We thank you for having chosen UCP. We further extend our gratitude to parents for having entrusted us for the education of their children.

UCP is well known for its academic excellence and exhibiting highest standards of professionalism in providing exemplary services to the University's students, faculty, staff, and alumni. University of Central Punjab is a multi-disciplinary University providing excellent environment conducive to learning, research and innovation. University has already carved a niche for itself in the academia worldwide.

The University since its inception has continued to provide quality education and training to all students to meet the increasingly complex needs of the future with great emphasis placed on developing and sharpening the students' analytical, creative, thinking, and presentation skills. Besides academic excellence, co-curricular activities are given due importance. A number of clubs and societies are available to develop student's leadership qualities through debates, dramas, sports and community services.

Outstanding teaching, scholarships, support, flexibility and choice in programs, and extra-curricular benefits – come together to create a transformational student experience. Our students are the emerging leaders who will help shape tomorrow's Pakistan and the world beyond.

You are welcome once again and I am sure your stay at the campus will be most exciting and enabling you to make positive contribution in your life.



The Punjab Group - An Overview

The Punjab Group has its roots in a Commerce College set up in Lahore in 1985. Over a period of 34 years, the Group has grown into the largest educational network in Pakistan providing quality education from Playgroup to PhD. The Group, as a progressive enterprise, includes 3 chartered universities, 390 colleges, 15 Resource Academia Schools, 1038 Allied Schools and 306 EFA Schools. The total student body of The Punjab Group is 490,000 students on rolls and 21,79,460 alumni.

The Group proudly owns Mohammad Ali Jinnah University in Karachi, Capital University of Science & Technology in Islamabad and University of Central Punjab in Lahore.

The Group pledges to achieve high literacy rate by working together with private sector to support parents' affordability to educate their children.

The Punjab Group Family consists of Educational Excellence Limited, National Communications Services (SMC-Pvt.) Limited and Tower

Technologies (Pvt.) Limited is a hi-tech company of the Group which provides expertise and tailor made IT solutions. National Educational Network (Pvt.) Limited, have been set up to take care of franchising Elementary, Secondary and Higher Secondary Education across the country in the form of Schools and Colleges.

Economic-politico-social fabric of the society cannot be reformed until media develops critical thinking of the general masses. National Communications Services (SMC- Pvt.) Limited owns and operates one of the largest and most sophisticated Television Networks in Pakistan known as Dunya TV Network. Roznama Dunya is a new addition in the communication network side.

With the progressive vision of the Board of Directors of the Group and the collective efforts of all the stakeholders, the Group expects an annual growth of 30%.

As a large, progressive educational group, our main focus is teaching. If you come to us, you'll have a fantastic learning experience.

Landmarks Achieved

Establishment of Punjab College at Canal Bank, Lahore	1985	Setting up of Allied School in 75 New Cities	2011
Establishment of Islamic Commerce Educational Society	1986	Setting up of Punjab Colleges in 20 New Cities	2011
Establishment of Punjab Law Colleges	1988	Setting up of Allied School in 84 New Cities	2012
Punjab College at Faisalabad and Rawalpindi	1988	Setting up of Punjab Colleges in 16 New Cities	2012
Punjab College of Business Administration, Lahore	1991	Capital University of Science & Technology	2012
Punjab Institute of Computer Science, Lahore	1993	Resource Academia School System (Franchised Educational Network)	2012
Punjab College at Islamabad	1996	Setting up of Allied School in 107 New Cities	2013
Punjab College at Gujranwala	1997	Setting up of Resource Academia School in 4 New Cities	2013
Punjab College for Women	1998	Setting up of Punjab Colleges in 11 New Cities	2013
Mohammad Ali Jinnah University, Karachi	1998	Setting up of Resource Academia School in 1 New City	2014
Mohammad Ali Jinnah University, Islamabad	1998	Setting up of Allied School in 133 New Cities	2014
Punjab College opens its branches at Sargodha and Multan	1999	Setting up of Punjab Colleges in 06 New Cities	2014
Punjab College of Information Technology	2000	Setting up of Resource Academia School in 3 New Cities	2015
Tower Technologies (Pvt.) Limited starts operations	2001	Setting up of Allied School in 119 New Cities	2015
University of Central Punjab	2002	Setting up of EFA Schools in 85 New Cities	2015
Resource Academia School System	2003	Setting up of Punjab Colleges in 8 New Cities	2015
Punjab College at Sialkot	2004	Setting up of Resource Academia School in 4 New Cities	2016
Punjab Colleges of Science	2005	Setting up of Allied School in 93 New Cities	2016
Punjab College at Rahim-Yar-Khan	2006	Setting up of EFA Schools in 86 New Cities	2016
Dunya News Network goes on-air	2008	Setting up of Punjab Colleges in 6 New Cities	2016
Punjab College expands its network to Bahawalpur, Gujrat, Okara	2009	Setting up of Resource Academia School in 2 New Cities	2017
New Campus of University of Central Punjab at Johar Town, Lahore	2010	Setting up of Allied School in 76 New Cities	2017
New Campus of Mohammad Ali Jinnah University in Islamabad	2010	Setting up of EFA Schools in 56 New Cities	2017
Setting up of Allied Schools (Franchised Educational Network) in 45 Cities	2010	Setting up of Punjab Colleges in 15 New Cities	2017
Setting up of Punjab Colleges in 18 New Cities	2010	Setting up of Allied School in 65 New Cities	2018
		Setting up of EFA Schools in 28 New Cities	2018
		Setting up of Punjab Colleges in 2 New Cities	2018
		Setting up of Hadaf Group of Colleges in Peshawar	2018



Town & City Life of Lahore

Once walled and contained within thirteen gates, the city of Lahore has now expanded into a mega city with a population count of nearly ten million. This historic city has been an important seat of power in different eras. It was the capital city for the Ghaznavids rule in the 12th century; for the Mughals in the 16th century; the Sikhs in the 19th century and the regional capital during the British rule in the 19th and the 20th centuries.

Monuments and Mausoleums

The ageless landmarks of Lahore's

historical journey stretch across the suburbs of the city. Badshahi Mosque, Lahore Fort, Shalimar Gardens, mausoleums of Jahangir and Noorjahan continue to be silent yet eloquent historians of their times. Similarly, the British Gothic structures like the Lahore High Court, the General Post Office, Lahore Museum are the concrete footprints of the British rule.

Lahore has the honour to be the eternal resting place of a number of saints. Individuals like Ali Hajveri, Bibi Pak Daman and other noble souls, reposing since centuries in the crust of

Lahore; continue to gravitate millions to their shrines.

City of Colleges

The establishment of some outstanding educational institutions in Lahore can be termed as a positive contribution by the British rulers for the betterment of the people of Lahore and the region. These include King Edward Medical College in 1860, Government College, Lahore, in 1864, the University of the Punjab in 1882, and Kinnaird College in 1913, in addition to scores of other learning institutes of different disciplines.

Ever since, Lahore has been the centre and source of remarkable economic, cultural and academic progress in the region. It is called the city of colleges, having the largest number of learning institutions on its soil. Amongst them is the University of Central Punjab that is remarkably playing its part in augmenting the academic standards in the city as well as in the country.

Information Hub

The city, over a relatively brief period of time, has made huge progress in the field of journalism, too. Number of TV stations, newspapers and other

publications are providing news and commentaries 24/7.

Food and Recreation

When it comes to leisure and recreation, besides other pursuits, 'Lahorees' enjoy eating with fervour and flavour. No wonder, food stalls and food streets have a booming business round the year. However, some of the eating places in Lahore have also been the meet point for intellectuals and scholars. Pak Tea House is one of those places where people like Faiz Ahmed Faiz, Ibne Insha, Saadat Hassan Manto, Nasir Kazmi and others

sipped their tea and shaped their ideas.

Fostering its own unique and abiding values, Lahore continues to march forward, true to its axiomatic depiction:

Lahore is Lahore.



The University of Central Punjab

Education in the twenty-first century demands a balance between continuity and change. The technological leaps and the consequences thereof have overtaken the old educational paradigms and new concepts have emerged in the world of learning. The Punjab Group of Colleges (PGC) was among the first to realize this transition and its challenges. The PGC, therefore, submitted a petition to the Government of the Punjab, in August 1996, to allow to establish a university in the province. A No Objection Certificate was issued in October 1999. The charter to establish the University of Central Punjab (UCP) was awarded in April 2002. Thus this University clinched the distinction of becoming the first private sector university in the Punjab which acquired the status of a degree awarding institution.

When the University started its operations in October 1999, it offered courses in Management Studies, Information Technology, Commerce and Law through its principal constituents i.e. Punjab College of Business Administration (PCBA), Punjab Institute of Computer Sciences (PICS), Punjab College of Commerce (PCC), Punjab Law College (PLC) and Punjab College of Information Technology (PCIT), all situated in Lahore.

These Colleges were restructured as Faculties of the University and became:

Faculty of Management Studies

Faculty of Information Technology

Faculty of Engineering

Faculty of Arts & Social Sciences

Faculty of Pharmacy

Faculty of Media & Communication Studies

Faculty of Life Sciences

Faculty of Law

Faculty of Sciences

UCP offers everything students need to develop and succeed in their academic and professional lives.

To make the learning experience enjoyable and fulfilling, students are provided with cutting edge facilities and infrastructure. Multiple labs are provided with latest and highly sophisticated equipment. Air-conditioned classrooms equipped with multimedia projectors facilitate teaching process by enhancing learning and understanding.

Besides multiple computer labs, Instrumentation and Measurement Lab, Telecommunication Engineering Lab, Computer Engineering Lab, Data Communication and Networking Lab are set up to provide engineering

students an opportunity for hands-on experience.

With Wi-Fi facility available around the clock on the campus, students have uninterrupted access to the internet that allows them to search information and conduct research anywhere on the campus. Free use of the computer labs is also available along with the technical assistance. UCP has an on-campus bookstore, a ladies' lounge, cafeterias and food street for the convenience of students. A state-of-the-art auditorium, digital library, executive lounge for permanent and visiting faculty members, a swimming pool and well equipped gymnasium deserve a special mention and are hallmarks of the UCP Campus.

Academics

The University of Central Punjab seeks students of high intellectual ability and energy who are capable of contributing to the strength and excellence of its academic community. The curriculum offers students an opportunity for the pursuance of their future goals. Each faculty offers a range of programs and a variety of possibilities for exploring abilities and talents. Whatever you choose to study at UCP, you will find our faculties a place for critical thinking, intellectual engagement and all the resources to make it happen.

The campus life provides you an opportunity to collaborate and interact with other students that prepare you for the practical life after university years. By studying issues from a range of disciplinary perspectives, you learn deeper lessons about reality and the implications of alternative ways of conceptualizing problems. Volunteers in Service (VIS) program helps you to gain awareness of social responsibility and lifelong obligations to civic engagement. We invite you to visit our campus to see the first-class facilities, meet our top class faculty and feel the warmth of our congenial environment.

Faculty and Staff

The faculty members at the University of Central Punjab are highly qualified and experienced in their respective fields of study. We are proud to have a large number of PhDs, MS/MPhil. and Master's degree holders as faculty and staff members. They are specialists in their fields; many of them have taught in foreign universities and have published research papers in international journals. They are truly dedicated to their profession and provide guidance, care and support that students need from them. The experience and dedication of our faculty members will make your learning experience the most rewarding.



Organization of UCP

Patron of the University

Governor of the Punjab *Ch. Muhammad Sarwar*

Board of Governors

Chairman, Educational Excellence Limited	<i>Mian Amer Mahmood</i>
Executive Director, Punjab Group of Colleges	<i>Prof. Sohail Afzal</i>
Vice Chancellor, University of Education, Lahore	<i>Dr. Rauf-i-Azam,</i>
Director, Biological Sciences, Forman Christian College, Lahore (Nominee of Chairman, HEC, Islamabad)	<i>Dr. Kausar Abdullah Malik</i>
Director, Educational Excellence Limited	<i>Mr. Muhammad Arif Chaudhry</i>
Director, Educational Excellence Limited	<i>Mr. Riffat Iqbal</i>
Director, Educational Excellence Limited	<i>Dr. Muhammad Asghar Chaudhry</i>
Director, Educational Excellence Limited	<i>Mr. M. Akmal Armghan ur Rehman</i>
Director, Educational Excellence Limited	<i>Dr. Shahid Mahmood</i>
Director, Educational Excellence Limited	<i>Mr. Agha Tahir Ijaz</i>
Director Finance, Punjab Group of Colleges	<i>Mr. Irfan Hussain</i>
Pro-Rector, University of Central Punjab	<i>Pof. Dr. Mohammad Nizamuddin</i>

Deans

Faculty of Management Studies	<i>Dr. Faisal Mustafa</i>
Faculty of Information Technology	<i>Dr. Ahmad Shabbar Kazmi</i>
Faculty of Engineering	<i>Dr. Muhmmad Akram Tahir</i>
Faculty of Arts & Social Sciences	<i>Dr. Fehmida Sultana</i>
Faculty of Pharmacy	<i>Dr. Muhammad Jamshaid</i>
Faculty of Media & Communication Studies	<i>Dr. Mian Hanan Ahmed</i>
Faculty of Life Sciences	<i>Dr. Mushtaq Ahmad Saleem</i>
Faculty of Sciences	<i>Dr. Muhammad Asghar Chaudhry</i>
Faculty of Law	<i>Prof. Hadia Awan</i>

Associate Deans

UCP Business School	<i>Dr. Muhammad Shafiq Akhyar (Academics)</i>
	<i>Dr. Ahmed Faisal Imtiaz Siddiqi (Admin)</i>
Faculty of Information Technology	<i>Dr. Muhammad Amjad Iqbal</i>

Centre for Professional Studies

Director *Mr. Asif Bashir*

Administration

Rector	<i>Mian Amer Mahmood</i>
Pro-Rector	<i>Prof. Dr. Mohammad Nizamuddin</i>
Registrar	<i>Ms. Aneesa Rahat</i>
Registrar II	<i>Ch. Bashir Ahmad</i>
Controller of Examinations	<i>Mr. Raheel Anjum Bhatti</i>
Treasurer	<i>Mr. Attique ur Rehman</i>
Deputy Treasurer	<i>Mr. Talal Akbar</i>
Accounts Manager	<i>Mr. Hafiz Mushtaq Ahmad</i>

Directors

Director, Policy, Planning and Implementation	<i>Ms. Khadija Amer</i>
Director, Administration / Security	<i>Mr. Amjad Niaz</i>
Director, Student Affairs	<i>Prof. Tahir Ashfaq</i>
Volunteers in Service	<i>Dr. Ather Azim Khan</i>
Director, Quality Enhancement Cell	<i>Dr. Muhammad Ramzan</i>
Director, Libraries	<i>Ms. Rakhshanda Kokab</i>
Office of Research, Innovation & Commercialization	<i>Dr. Mahmood Ahmad</i>
Director, Research	<i>Dr. Ali Faisal Murtaza</i>
Director, Admissions	<i>Ms. Madiha Qayyum</i>

Head of Department

Head, Takhleeq *Dr. Bilal Zafar*

Senior Manager

Senior Manager IT	<i>Mr. Khawaja Jamal Ahmed</i>
Senior Manager Career Services	<i>Ms. Samina Hafeez</i>

Sports

Director Sports	<i>Mr. Arshad Sattar</i>
Manager Sports	<i>Nouman Azeem</i>



Why Choose UCP?

Heritage of Academic Excellence

Education in 21st century demands a balance between continuity and change. The technological leaps and its consequences have taken over the old educational paradigms and new concepts have emerged for learning. The Punjab Group of Colleges was among the first to realize this transition and its challenges to setup the University of Central Punjab, Lahore.

University of Central Punjab was envisioned with one clear objective: to create an institution, which is built on the foundation of a better thought-out and deeper value system. This core belief of University of Central Punjab has been validated through

top rankings, accreditations and awards from leading both national and international academic organizations.

Highly Qualified Faculty

The finest resource that UCP brings into the education space is its highly qualified and professionally experienced faculty members. These faculty members have brought knowledge of pedagogies, education processes, methodologies and experience in research. The faculty members work ceaselessly to inculcate complete positive transformation across processes, departments and the entire student body.

Highest Placement Support

University of Central Punjab follows a process of industry- integrated education, where placement is the

concluding component of an endways education system. Throughout the education process, the students are educated on industry-led syllabi which enable them to be market-oriented.

High-Calibre Peer Group

University of Central Punjab was founded with a vision to create an educational environment for the students which enable them to emerge as intellectually and socially evolved leaders. The student body is chosen carefully so that the student intake could be appropriate in all respects.

International Tie-Ups

The driving vision at University of Central Punjab is to evolve into a centre of international education excellence. To achieve this vision the university is continuously developing strategic

international partnerships with reputed universities and institutions of higher learning across the globe. University's global strategy aims to develop strong and effective partnerships which provide faculty, students and researchers with opportunities for international collaboration and active involvement in multi-disciplinary projects at a global level.

International Teaching Methods

University of Central Punjab uses a combination of international teaching methods to ensure all-round excellence.

- 1) Flexible Credit System
- 2) Industry Tie-ups, Guided Syllabus and Integration
- 3) Classroom-based Learning,

Project-based Learning and Research-based Learning

- 4) Outcome-based Learning
- 5) Guest lectures by illustrious corporate speakers from Pakistan and abroad.

Excellent Learning Environment

University of Central Punjab brings students and modern learning techniques together. University develops and nurtures world-class professionals and leaders, by inculcating them with what the university calls Thinking Quotient. Thinking Quotient, is going to be the competitive advantage in the 21st century and this is only attainable through quality education imparted by modern learning techniques.

'Not only our degree provides a wide range of modules, but it also gives an opportunity to the students to get as much practical experience in the industry as possible.'

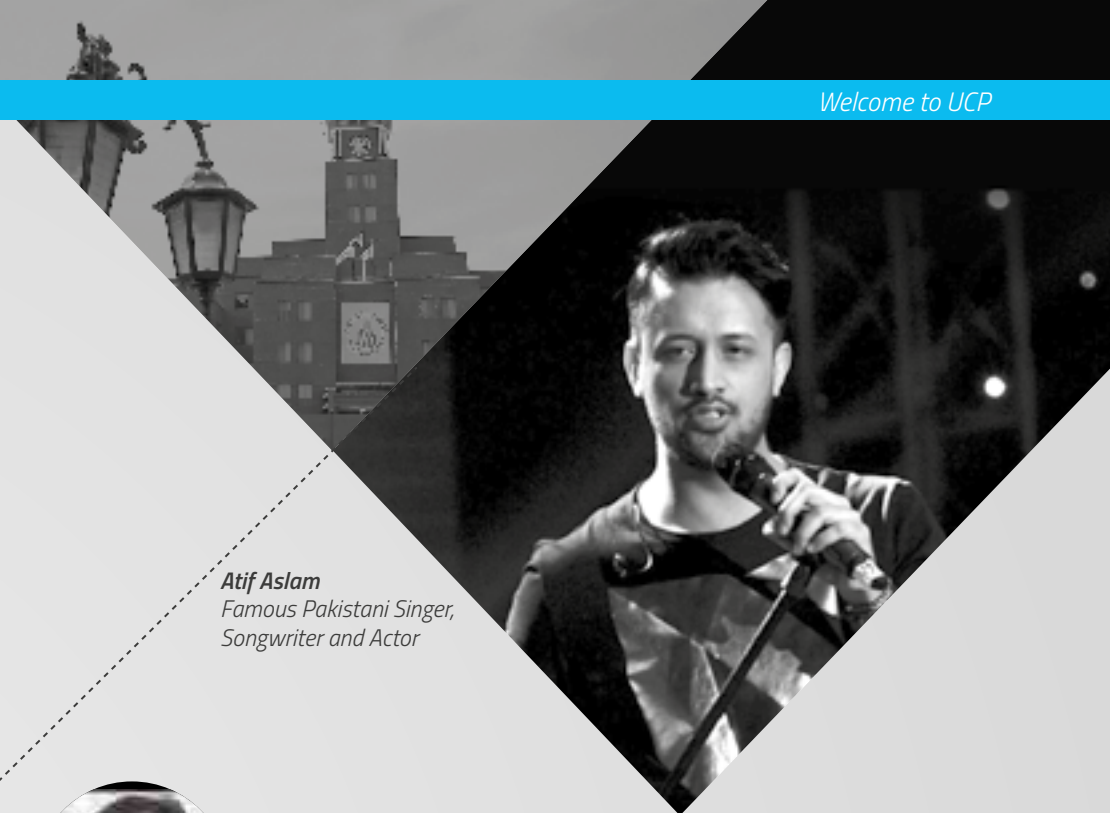
Scholarships

University of Central Punjab believes in encouraging bright students. For this purpose, we have introduced different types of merit scholarships at the time of admission and after 2nd and subsequent semesters, financial aid for deserving students, special fee concessions for PGC students, kinship discount, special discounts for disabled students, discounts for UCP permanent faculty members and employees. Due to these scholarships, almost 60% of UCP students are availing some kind of fee concessions.

Meet Our Prominent Alumni

UCP Alumni are not only a large family, but a strong network of leaders.

Here are just a few highlights from our history.



Atif Aslam
Famous Pakistani Singer,
Songwriter and Actor



Mr. Muhammad Imran Makhdoom
Senior Engineer, NESPAK, Lahore



Mr. Sohail Afzal Malik
Director Operations, Supply Chain &
M&R, McDonald's Pakistan
UCP-Class of 2004



Mr. Tauqeer Malik
Managing Group Director
Bin Qutab Group
UCP-Class of 1998



Kashif Masood Sethi
General Manager
HUM Network
UCP-Class of 1998



Ambreen Aslam
CEO, Dhaani
(Luxury Fashion Brand)
UCP-Class of 2012



Mr. Syed Iqbal Haider Jafri
Regional Manager
Cards Business, Total Parco
UCP-Class of 2003



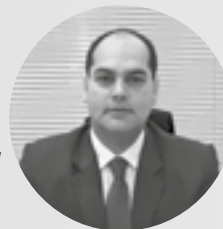
Ms. Tosheeba Sarwar
Chief Operating Officer, imanagers
UCP-Class of 1993



Mr. Faisal Mahmood
GM Marketing & Sales, Kamal Ltd.
UCP-Class of 2000



Mr. Zohaib Azhar
Host-PSL



Mr. Waqas Nasir Jamal
Director-Hadaf Group of Colleges



Mr. Omer Sarwar
Regional Head of Corporate
Solutions North-Jazz
UCP, Class of 1998



Ms. Amina Khalid
National Manager
QA-McDonalds



Mr. Junaid Iftikhar
CEO-Techmindz Software
& Consulting Services



Mr. Muhammad Sarfraz Malik
Associate Director Sales &
Marketing-92 Media Group
UCP, Class of 2001



Mr. Ali Arshad
National Sales Manager
Trade-Fast Cables Ltd.
UCP, Class of 2010

Campus Facilities & Services



Library

The University of Central Punjab has a full-service library on campus to serve the study and research needs of its students and faculty members. The Library stocks over 40,000 books and 1800 research projects in print format.

In addition, the Higher Education Commission has given our campus access to 12,000 online, full-text journals, international databases and other material published online worldwide. These invaluable research materials can be accessed by all of our students, even from their home computers.

Library is fully automated and its collection can be searched online from library's website:

www.library.ucp.edu.pk

Library provides access to about 40 online scholarly databases to meet the needs of researchers. Moreover, it has subscriptions to more than 40 print journals and 16 newspapers. Multimedia Section has a collection of renowned documentaries, lectures and educational films. In addition to routine operations, the library also offers Ask a Librarian, Content Alert, Electronic Document Delivery, Anti Plagiarism and Citation Services.

It is a fully user-centered and research-oriented library with peaceful learning environment.



Transport

Transport facility is provided to students on nominal monthly charges. A shuttle service between the University of Central Punjab campus and the prescribed routes run every hour. In addition to this service, buses transport students from various locations of Lahore to and from the UCP campus.



Prayer Area

To cater for the spiritual well-being of the male and female students, separate arrangements for prayers are made on the campus.



IT Infrastructure

The University of Central Punjab provides a pervading learning environment through its meticulously planned IT infrastructure. The academic experience of students is supported through extensive lab setup which includes 20 Teaching, 5 General and 2 Research Lab that are equipped with latest computers from DELL, HP, Sun, Apple and IBM. Altogether these labs offer seating capacity of 1700 students. Unsurpassed computing facilities are complemented with free printing, uninterrupted power supply, high bandwidth internet access and Wi-Fi Hotspots to complete the "always connected" experience. Information Technology infrastructure is backed by highly professional and certified IT Support Department which guarantees minimal downtime and speedy solutions.





Cafeterias

Multiple cafeterias on campus serves quality food in a hygienic environment to students from 8:00 am to 9:00 pm daily.



UCP Food Street

Situated inside the campus, Food Street offers various traditional foods such as BBQ, halwapuri, chaat, dahi- baray, gol-gappay, fresh juices and shakes.

On Campus Female Hostel

To provide a secure accommodation to female students, UCP has started on campus hostel facility in Fall 2016. It has a place to accommodate 200 students at a time. UCP hostel has fully air conditioned rooms along with 24/7 Wi-Fi, laundry, ironing and all the modern facilities are available to the students.



Swimming Pool

To provide a healthy environment to the students, a swimming pool and a state-of-the-art gym is available to students, both males and females separately, for sports and physical activities.

Beginning of university isn't just about studying – it's a time when you will meet new friends, experience new places and get involved with the numerous social activities that your university has to offer.





Madiha Qayyum
Director Admissions

We Ensure that
our quality education is accessible to all students capable of benefitting from the opportunities we offer

UCP Admissions Office

The Admissions Office, primarily assists students in every possible way; it serves, directs and administers the students when they step in the Institute for admissions. It is the mission of the Office of Admissions, to provide accurate information regarding programs, activities and services to prospective and current students, parents, and the general visitors. Our staff members strive to be efficient, courteous and informative for the students. We help prospective students to explore different options while making decision for their future endeavours.

The University of Central Punjab invites applications for admissions to its various programs twice a year, once in Fall and then in Spring.

However, Faculty of Engineering, Faculty of Pharmacy and Faculty of Law announce admissions in Fall only.

Follow these steps to
APPLY FOR ADMISSION at UCP:

Step 1: Students who are interested to apply are advised to visit the campus or our official website ucp.edu.pk for getting more detailed information about admission to their respective programs.

Step 2: After deciding the program, apply online by filling out the form at admissions.ucp.edu.pk and then pay application processing fees online/bank or at the Admissions Office.

Step 3: The complete admission form can be submitted online by using the UCP Online Admission Portal. After submission of the form, a candidate will get a letter bearing all admission

related information such as, reference number, admission test date, date of interview (if any) as well as the venue of the test.

Step 4: The merit list of successful candidates is displayed on the official website of UCP and acceptance letters are mailed at home addresses of the candidates.

Step 5: On deposit of dues, within the deadline, students are issued their registration numbers and are given the courses to study in the first semester.

Before commencement of classes, students are expected to attend an orientation session and collect their timetables from the information desk.

Every year, UCP attracts some of the most talented/gifted students. The network of our alumni is fast spreading in the corporate world and other fields. If you are looking for quality education and facilities, then UCP is the place for you. From classes to co-curricular,

volunteering and participating, you will be groomed to succeed at UCP and later in your practical life.

If you have questions along the way, we invite you to contact the Admissions Office any time. We look forward to hearing from you!

Email:
admissions@ucp.edu.pk

Address:
1-Khayaban-e-Jinnah, Johar Town, Lahore

Phone No:
(+92) 080-000-827
(9:00AM to 5:00PM)

Facebook:
www.facebook.com/UCPofficial

Instagram:
www.instagram.com/ucpofficial

Twitter:
twitter.com/UCPofficial

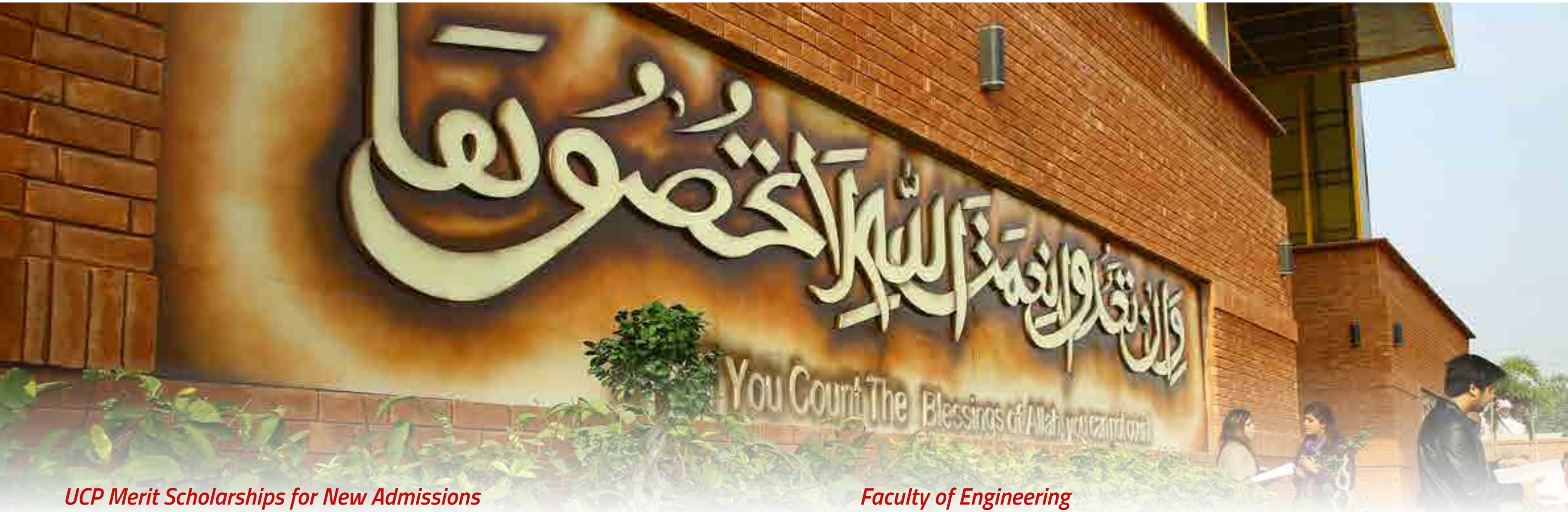
YouTube:
<https://goo.gl/Eq6tTr>



Merit Scholarships, Fee Discounts & Financial Aid

University of Central Punjab offers various types of merit scholarships, fee concessions, financial aid & Co-Curricular activities scholarships for students. The details are as follows:

- *Merit Scholarships for bright students at the time of admission*
- *Merit scholarships based on academic performance in 2nd and subsequent semesters*
- *Incentives for PhD Scholars*
- *Fee concessions for PGC students*
- *Kinship Discounts*
- *Special fee concessions for disabled students*
- *Financial Aid for deserving students*
- *Co-curricular activities Scholarships*
- *Discount for UCP Permanent Faculty Members and Employees*



UCP Merit Scholarships for New Admissions

Undergraduate and Graduate Programs

- Faculty of Management Studies
- Faculty of Arts & Social Sciences
- Faculty of Media & Communication Studies
- Faculty of Life Sciences

Programs Applicable	Criteria (1st Semester) (At the time of Admission)	Merit Scholarship (2nd & Subsequent Semesters)	
BBA & MBA 3.5 Years BS Psychology, BS Economics, BS English, BS International Relations & BS Media & M.Sc. Journalism BS Biochemistry, BS Biotechnology, BS Microbiology, BS Food Science & Technology & M.Sc. Biotechnology	100% merit scholarship on 75% marks	100%	≥ 3.95 (Only if availed 100% merit scholarship in the 1st semester)
	75% merit scholarship on 70% marks	75%	$\geq 3.90, < 3.95$
	50% merit scholarship on 65% marks	50%	$\geq 3.50, < 3.90$
	25% merit scholarship on 60% marks	25%	$\geq 3.25, < 3.50$
		12.5%	$\geq 3.00, < 3.25$
MS/M.Phil. Programs of Faculty of Management Studies, Faculty of Arts & Social Sciences, Faculty of Media & Communication Studies and Faculty of Life Sciences	75% merit scholarship on 3.80 CGPA with 80% admission test score	75%	≥ 3.90
	50% merit scholarship on 3.60 CGPA with 80% admission test score	50%	$\geq 3.50, < 3.90$
		25%	$\geq 3.25, < 3.50$

Faculty of Engineering

Programs Applicable	Criteria (1st Semester) (At the time of Admission)	Merit Scholarship (2nd & Subsequent Semesters)	
All undergraduate programs of Faculty of Engineering (B.Sc. Electrical, Mechanical & Civil Engineering), (B.Sc. Electrical, Mechanical & Civil Engineering Technology).	100% merit scholarship on 85% marks	100%	≥ 3.95 (Only if availed 100% merit scholarship in the 1st semester)
	75% merit scholarship on 80% marks	75%	$\geq 3.90, < 3.95$
	50% merit scholarship on 75% marks	50%	$\geq 3.50, < 3.90$
	25% merit scholarship on 70% marks	25%	$\geq 3.25, < 3.50$
		12.5%	$\geq 3.00, < 3.25$
All graduate programs of Faculty of Engineering, M.Sc. (Electrical, Civil & Mechanical Engineering)	75% merit scholarship on 3.75 CGPA with 80% score in admission test	75%	≥ 3.90
	50% merit scholarship on 3.50 CGPA with 80% score in admission test	50%	$\geq 3.75, < 3.90$
		25%	$\geq 3.50, < 3.75$

Faculty of Information Technology

Programs Applicable	Criteria (1st Semester) (At the time of Admission)	Merit Scholarship (2nd & Subsequent Semesters)	
		Percentage	CGPA
BS Computer Science BS Software Engineering	100% merit scholarship on 80% marks	100%	≥ 3.95 (Only if availed 100% merit scholarship in the 1st semester)
	75% merit scholarship on 75% marks	75%	$\geq 3.90, < 3.95$
	50% merit scholarship on 70% marks	50%	$\geq 3.50, < 3.90$
	25% merit scholarship on 65% marks	25%	$\geq 3.25, < 3.50$
MS Computer Science	75% merit scholarship on 3.75 CGPA with 80% score in admission test	75%	≥ 3.90
	50% merit scholarship on 3.50 CGPA with 80% score in admission test	50%	$\geq 3.75, < 3.90$
		25%	$\geq 3.50, < 3.75$

Faculty of Pharmacy

Programs Applicable	Criteria (1st Semester) (At the time of Admission)	Merit Scholarship (2nd & Subsequent Semesters)	
		Percentage	CGPA
Pharm-D	100% merit scholarship on 85% marks	100%	≥ 3.95 (Only if availed 100% merit scholarship in the 1st semester)
	75% merit scholarship on 80% marks	75%	$\geq 3.90, < 3.95$
	50% merit scholarship on 70% marks	50%	$\geq 3.50, < 3.90$
		25%	$\geq 3.25, < 3.50$
		12.5%	$\geq 3.00, < 3.25$
M. Phil. Pharmacy	75% merit scholarship on 3.75 CGPA with 80% score in admission test	75%	≥ 3.90
	50% merit scholarship on 3.50 CGPA with 80% score in admission test	50%	$\geq 3.75, < 3.90$
		25%	$\geq 3.50, < 3.75$

Faculty of Law

Program Applicable	Criteria (1st Semester) (At the time of Admission)	Merit Scholarship (2nd & Subsequent Semesters)	
		Percentage	CGPA
LL.B Honors	75% merit scholarship on 80% marks	75%	$\geq 3.90, < 3.95$
	50% merit scholarship on 75% marks	50%	$\geq 3.50, < 3.90$
		25%	$\geq 3.25, < 3.50$
		12.5%	$\geq 3.00, < 3.25$

UCP Merit Scholarships for Existing Students

UCP offers up to 75% academic based scholarships to those students who could not avail any kind of discount/scholarship at the time of admission. This scholarship will be offered in the 2nd and subsequent semesters, based on their academic performance.

Faculty of Management Studies, Faculty of Engineering, Faculty of Information Technology, Faculty of Arts & Social Sciences, Faculty of Pharmacy, Faculty of Media & Communication Studies, Faculty of Life Sciences & Faculty of Law

Programs Applicable	Merit Scholarships	
	Scholarship	CGPA
BBA & All Programs of MBA LL.B Honors BS Computer Science & BS Software Engineering Pharm-D	75%	≥ 3.90
All undergraduate programs of Faculty of Engineering (B.Sc. Electrical, Mechanical & Civil Engineering), (B.Sc. Electrical, Mechanical & Civil Engineering Technology) BS Psychology, BS Economics, BS English, BS International Relations BS Media & M.Sc. Journalism	50%	$\geq 3.50, < 3.90$
BS Biochemistry, BS Biotechnology, BS Microbiology, BS Food Science & Technology & M.Sc. Biotechnology	25%	$\geq 3.25, < 3.50$
	12.5%	$\geq 3.00, < 3.25$
	75%	≥ 3.90
All graduate programs of Faculty of Pharmacy (M.Phil. Pharmacy), Faculty of Engineering (M.Sc. Electrical, Civil & Mechanical Engineering) and Faculty of Information Technology (MS Computer Science)	50%	$\geq 3.75, < 3.90$
	25%	$\geq 3.50, < 3.75$
	75%	≥ 3.90
All MS/M.Phil. programs of Faculty of Management Studies, Faculty of Arts & Social Sciences, Faculty of Media & Communication Studies and Faculty of Life Sciences	50%	$\geq 3.50, < 3.90$
	25%	$\geq 3.25, < 3.50$

Merit Scholarships for UCP Home Students (MBA Program)

Programs Applicable	Merit Scholarship at the time of Admission based on their CGPA in BBA/BS (Hons.) from UCP		CGPA Requirement 2nd & Subsequent Semester	
	Percentage	CGPA	Percentage	CGPA
Home Students (BBA, BS (Hons.) Graduates of UCP for their admission in MBA Programs	75%	≥ 3.50	75%	≥ 3.50
	50%	$\geq 3.00, < 3.50$	50%	$\geq 3.00, < 3.50$
	25%	$\geq 2.50, < 3.00$	25%	$\geq 2.50, < 3.00$



Special Fee Discounts for PGC Students

UCP Offers up to 50 % special fee discounts to PGC students at the time of admission. This concession continues in the 2nd and subsequent semesters, if a student takes a minimum course load and maintains a designated CGPA.

Undergraduate and Graduate Programs

Faculty of Management Studies, Faculty of Arts & Social Sciences, Faculty of Media & Communication Studies and Faculty of Life Sciences.

Programs Applicable	Discount at The Time of Admission	Discount 2nd & Subsequent Semesters	
		Scholarship	CGPA
BBA & MBA 3.5 Years BS Psychology, BS Economics, BS English, BS International Relations	50% PGC Discount	50%	≥ 3.25
BS Media & M.Sc. Journalism		25%	$\geq 3.00, < 3.25$
BS Biochemistry, BS Biotechnology, BS Microbiology, BS Food Science & Technology & M.Sc. Biotechnology		12.5%	$\geq 2.50, < 3.00$
MS/M.Phil. Programs of Faculty of Management Studies, FASS, FMCS, FOLS.	25% PGC Discount	25%	≥ 3.00
		12.5%	$\geq 2.50, < 3.00$

Faculty of Engineering

Programs Applicable	Discount at The Time of Admission	Discount 2nd & Subsequent Semesters	
		Scholarship	CGPA
Undergraduate programs of Faculty of Engineering (B.Sc. Electrical, Mechanical & Civil Engineering, B.Sc. Electrical, Mechanical & Civil Engineering Technology)	25% PGC Discount	25%	≥ 3.00
		12.5%	$\geq 2.50, < 3.00$
All graduate programs of Faculty of Engineering (M.Sc. Electrical, Civil & Mechanical Engineering)	25% PGC Discount	25%	≥ 3.00

Faculty of Information Technology and Faculty of Law

Programs Applicable	Discount at The Time of Admission	Discount 2nd & Subsequent Semesters	
		Scholarship	CGPA
BS Computer Science	25% PGC Discount	25%	≥ 3.00
BS Software Engineering LL.B Honors		12.5%	$\geq 2.50, < 3.00$
MS Computer Science		25%	≥ 3.00

Faculty of Pharmacy

Programs Applicable	Discount at The Time of Admission	Discount 2nd & Subsequent Semesters	
		Scholarship	CGPA
Pharm-D	25%	25%	≥ 3.00
		12.5%	$\geq 2.50, < 3.00$
M.Phil. Pharmacy	25%	25%	≥ 3.00

Kinship Discount (All Undergraduate and Graduate Programs)

Kinship Discount at the time of Admission	Kinship Discount 2nd & Subsequent Semesters	
	Scholarship	CGPA
1st Kinship Discount 25% (PGC or UCP)	25%	≥ 3.00
2nd Kinship Discount 50% (Only in case of UCP Kinship)	50%	≥ 3.00

Discount for Disabled Students (All Undergraduate and Graduate Programs)

Details: Up to 100% fee concessions are available to students with major or minor disability. Such a concession requires maintaining a CGPA of 2.50 or above. If CGPA is between 2.25 to 2.50, then 25% allotted discount will be decreased from the previous percentage.

Discount for UCP Employees/Faculty

Details: Up to 100% fee concessions are available to students with major or minor disability. Such a concession requires maintaining a CGPA of 2.50 or above. If CGPA is between 2.25 to 2.50, then 25% allotted discount will be decreased from the previous percentage.

Programs Applicable	Discount		Discount 2nd & Subsequent Semester
	Discount	Experience	
MBA/MS/M.Phil.	50%	5 Years' Experience	≥ 3.00
	25%	3 Years' Experience	

Discount for EMBA Program

This discount is only applicable for EMBA students who are working in an organisation and take admission in the form of group.

No. of Participants from an Organisation*	Discount
2 Persons	25% to each
3-4 Persons	40% to each
5 and above Persons	50% to each

Note*: The number of employees registered in a batch.

Financial Aid (Need Based Scholarship) (Only for Undergraduate Programs)

At the time of admission, a student with 1st divisions in Matric and Intermediate can apply for financial aid. UCP offers up to 100% need based scholarships to deserving students.

Students will have to submit the financial aid application along with all the supportive documents and then a committee will assess the need. A student on financial aid will have to maintain 3.00 CGPA throughout his/her course of study.

In case of an unfortunate death of a father/guardian during study at UCP, such student can apply for financial assistance. Up to 50% financial aid will be offered overall to the student on the recommendation of an Assessment Committee. Such students will have to maintain a minimum of 3.00 CGPA.

Co-curricular Activities Scholarships (Only for Undergraduate Programs)

UCP offers scholarships based on Co-curricular activities for talented students. The amount of concession will be determined by the Committee on the basis of student's performance on case to case basis.

Incentives for PhD Scholars:

- On attaining CGPA of 3.75 the tuition fee would be reduced by 50%
- A PhD candidate with good academic performance may be offered a position of Teaching Assistant for a period of six months (extendable for another six months) at a remuneration of Rs. 20,000/- per month.

Important Note (For all discounts and scholarships):

- To avail any kind of fee concession at undergraduate level, students are required to take the minimum workload of 04 courses per semester.
- To avail any kind of fee concession in Masters Programs such as MBA, M.Com., M.Sc., students are required to take the minimum workload of 04 courses per semester.
- To avail any kind of fee concession in MS/M.Phil. Programs, students are required to take the minimum workload of 03 courses per semester.
- To avail any kind of fee concession in PhD Programs students are required to take the minimum workload of 02 courses per semester.
- For research work of MS/M.Phil. & PhD Programs in all faculties/schools, full fee will be charged and there is will be no discount/scholarship.
- A student registered for MS/M.Phil. thesis will have to pay minimum fee equal to two courses and a student registered in PhD thesis will have to pay minimum fee equal to four courses.



Academic Rules & Regulations



Aneesa Rahat
Registrar, UCP



Ch. Bashir Ahmad
Registrar II, UCP



Raheel Anjum Bhatti
Controller of Exams, UCP



Registration Process

At the time of admission in first semester, the concerned Dean's Office assigns courses to the students. However, in all subsequent semesters, students, after consulting their advisors, may register themselves in courses strictly according to their roadmaps. Registration dates are announced well before time and students are required to register themselves during those dates. Students are expected to pay their dues for the selected courses before they are formally registered. Ongoing students may revise their registration before commencement of classes. No student will be allowed to change courses/sections afterwards.

Refund of Fee

All fees once paid are non-refundable and non-transferable. Only in case of new admissions the refund policy is given below:

- The withdrawal is submitted in writing, at least one week before the commencement of classes.
- The applicant was a result awaiting candidate and failed to achieve minimum percentage required for the program.
- Furthermore if university does not offer the program the funds are refunded.

Students Eligibility Criteria

Those who have completed Intermediate or A-Level or equivalent for undergraduate Programs and BA / B.Sc., BS, M.Com. or equivalent for graduate programs at least with 45% marks or in case of semester system CGPA 2.00 out of 4.00 are eligible to apply for admission in the University. For undergraduate programs of Engineering and Pharmacy, the minimum percentage of marks to apply for admission is 60% and above is required. However, admission will be granted on merit, determined by each

Faculty.

Withdrawal from a Course

In order to withdraw from a course/ courses a written request must be submitted to the Dean/ Associate Dean one week prior to the final examination. If approved by the Dean/Associate Dean, the students can withdraw from that particular course. However, 'W' will appear on the transcript and fees paid for such courses will neither be refunded nor carried over to the next semester.

Semester Leave or Freeze of Semester

Students who wish to discontinue study for a semester are supposed to get written permission from the Dean's Office in the first week of semester. They may resume their study in the next semester after seeking permission from the relevant Dean's Office at the time of registration. Students who go on semester break without permission will be dropped from the university role

and treated as non-proactive student during the semester break.

Tuition Fee Discount / Concession

In the first semester a student will pay dues for the prescribed load. However, in the subsequent semester, dues are calculated according to the number of courses enrolled by the student, and shall be payable before beginning of each semester. The type of tuition fee waiver to the PGC students or any other form of concession will only continue in the subsequent semester(s) if a student fulfils its CGPA requirements as well as required course load.

Class Attendance Policy

Students must attend every lecture for each course in which they are registered. Students not adhering to class attendance policy will be restrained from appearing in the final examination and they will be given "W" grade in the course.

Attendance will be counted from the 1st day of the classes. If a student delays his/her registration and the payment of fee, will be marked absent from classes resulting in shortage of required attendance. Students can take only six (6) leaves/absentees, Four (4) approved leaves in each course of 3/4 credit hours during the semester. No fine will be charged on approved leaves however, on absents beyond approved leaves fine of Rs.500 per absence maximum two days for 3 credit hours course and 5 for 4 credit hours course will be levied.

A student must have 80% of attendance in each course. The student missing more than 20% of the total classes, will be withdrawn from the course. No transfer of dues or tuition fee is permissible when a student is withdrawn from a course. Fee once paid is neither refundable nor transferable to next semester in case of withdrawn (W) from a course.

Evaluation System

It is at the discretion of the course instructor to decide on the weights of all examinations, assignments, projects, presentations, quizzes etc. However, as a broad guideline set at this University, the distribution of weights of these components are given below;

Name of Exam	Weightage (%)
Quizzes, Assignments, Project Presentation, (Class Participation not more than 5% if required) etc.	30 %
Mid-Term Examination	30 %
Final Examination	40 %

Final Examination

Students must clear their all semester dues before the final Examination otherwise they are not allowed to sit in final examination.

A student must appear in all tests/

examinations as scheduled. However, if a student fails to appear in the examination due to some genuine reason, he/she must seek permission of the concerned Dean to take the missed examination. The student will take the missed examination within two weeks after the scheduled dates. The final examination schedule is given in the academic calendar of each term and is provided to all students by the concerned course instructor at the start of each term. Examination must be taken on the scheduled dates. Exceptions may be granted only in case of emergency or other compelling circumstances beyond human control. The Dean's Office must approve all such exceptions.

Grades and Grading System

All students receive grade reports indicating academic progress at the end of each semester for which they were enrolled. UCP strictly follows a 4-point grading system similar to the

one prevalent at most of the accredited institutions throughout the globe. The numerical equivalence of letter grades is given below;

Letter Grade	Grade Points	Marks (%)
A	4.00	90-100%
A-	3.67	86-89%
B+	3.33	81-85%
B	3.00	77-80%
B-	2.67	72-76%
C+	2.33	68-71%
C	2.00	63-67%
C-	1.67	58-62%
D+	1.33	54-57%
D	1.00	50-53%
F	0.00	Below 50%
W		Withdrawal
I		Incomplete
N		Continued
P/F	No Points	---

Course Numbering System

Each course number consists of two parts. The first part contains four

letters indicating the subject while the second part contains a four-digit number. The first digit indicates the course level, the second digit indicates the field of subject, the third digit indicates the course number of the field and the fourth number is reserved for the number of credit hours. A student may not enrol in a course unless the pre-requisites to a course have been successfully completed. Pre-requisites, wherever required are mentioned in detailed description of each course in this prospectus.

Semester Credit Hours

One semester credit hour means that a particular course must have at least one and half hour of class contact per week for a period of 16 weeks. Hence a course of three-semester credit hours will meet for approximately 48 hours or 2880 minutes during a semester. During one semester a student can take up to 5 courses or 15 semester credit hours. The time allocated for Final examinations is

excluded from this computation of class contact hours.

Summer Semester

A three credit hour semester course can also be completed in 8 weeks' time provided, the class contact of at least 2880 minutes is completed within this time period. Course load for Graduate/ Undergraduate students is 6 credit hours and they can take up to 6 credit hours during summer semester.

Incomplete Grade

An 'I' grade may be assigned to a student who fails to take the final examination due to valid reason, but otherwise has completed all course requirements. However, prior permission from Dean's office should be obtained for the award of 'I'. An 'I' so assigned may be changed to a grade, provided the student retakes the final examination within 2 weeks after the beginning of the next semester. If the new grade is not reported within the 4-week period, 'I' shall be changed to an 'F' grade.

CGPA

A student's Cumulative Grade Point Average is computed by multiplying the number of credit hours of each course by the grade points assigned to that grade, then dividing the sum of these products for all courses by the total number of credit hours in which the student was enrolled. Grade 'I' and Grade 'W' are not used in the calculation of GPA/CGPA. All students must maintain a minimum CGPA of 2.0 for successful continuation of studies at UCP. However, for courses covered at Master's level, a minimum CGPA of 2.50 is required.

How to Get Transcript/ Degree

Transcripts and Degrees are issued only on the written requests of the students. Verbal or telephonic requests for transcripts are neither entertained nor accepted. Official transcripts of the student with complete academic record and Degrees are issued on the university stationery, bearing the official embossed seal of the University. Transcript or other evidence of attendance will not be issued to or on behalf of a student if student's dues are unpaid to the University. Each student must obtain a clearance from

the Accounts Office and other relevant offices evidencing that such debts have been paid in full and all outstanding balances have been cleared, before a transcript of his/her record is issued.

Course Repetition

Grades earned in each semester will appear on the student's transcripts. Students receiving an 'F' grade must repeat the course. Students on academic probation for the first time will repeat courses with a grade below 'C+' for graduate level courses and below 'C' for undergraduate level courses. Not more than 6 courses will



be allowed for repetition. However, 6 courses beyond the old grades will also be included in the calculation of CGPA. The original as well as revised grades of all repeated courses will be shown on the transcript.

Academic Probation and Dismissal

All undergraduate/graduate students who fail to maintain a minimum CGPA of 2.0 / 2.5 respectively for 2 consecutive semesters will be sent a written warning along with their semester end grade report. These students will be put on probation for

the next semester only. If at the end of that semester, they fail to attain the required CGPA i.e. 2.0/2.5 for undergraduate / graduate programs, respectively, s/he shall be dropped from the institute and cannot be re-admitted by the same institute, therefore all students are strictly informed to maintain the CGPA of 2.0/2.5 throughout their tenure.

Course Load under Probation

Student on probation will be restricted to repeat courses with a grade below 'C+' for graduate level courses and

below 'C' for undergraduate level courses and will not be allowed to take any new course from the following semester. These students will be assigned courses by their respective Advisors with due approval of the relevant Dean's Office.

Transfer of Credits & Equivalence of Course

Transfer of credit is decided at the time of admission and is determined on a course-to-course basis. Students applying for transfer of courses must provide all previous academic records to the respective Dean's Office or

Focal person before commencement of classes. The University's acceptance of credits from other accredited/ recognized academic institutions of higher education is subject to the following conditions:

- The transfer course must be similar in content and scope to a UCP course, or must confirm to the same competency level of a similar course taught at UCP.
- Transfer credits, applicable to all the educational programs, must not be less than the grade 'C+'. Transfer credits submitted

in fulfillment of a specific degree program must have the final approval of the Dean.

- Transfer credits must come from a regionally accredited and HEC approved institution.
- Students are allowed to transfer up to 50% of the total courses in UCP academic programs.

Time Limit or Program Completion

From the date of first registration, all undergraduate degree programs must be successfully completed

within a maximum of 7 years. Two years program with thesis must be completed within a maximum of 4 years.

* The minimum and maximum duration of MS/M.Phil. or Equivalent is 1.5 to 4 years and for PHD is 3 to 8 years.

* HEC Islamabad Letter No. 1-3/AD-QA/HEC/NQAC(21)/2016/53 dated March 18, 2016



Ms. Rakhshanda Kokab
Director Libraries

UCP Library

Our mission is to make advancements in knowledge to transform lives of our community. Library provides endless possibilities to enter into the world of knowledge through our wide collection of print and electronic resources. So, "Go further than you ever dreamed".

From library resources, most valuable resources of library are the dedicated and talented librarians. They work to assist faculty and students in their research and information needs. If faculty or students encounter difficulty in using a resource or service, librarians are there for help. We hope that users, not only take the opportunity to explore these resources on their own, but also utilize the expertise of the library staff to reach desired and accurate information on right time. UCP Library comprises of high quality academic collection of approximately 44,500 books in different disciplines such as:

- **Business**
- **Management Sciences**
- **Commerce**
- **Accounting and Finance**
- **Information Technology**
- **Engineering**
- **Arts and Social Sciences**
- **Pharmacy & Life Sciences**
- **Media and Communication Studies**
- **Law**
- **Sciences**

The collection in the library is arranged according to a specific classification scheme known as Dewey Decimal Classification (DDC) scheme.

UCP Library's Objectives:

- To function as a vital information center, supporting the educational process of the university
- To facilitate library users for effectively using the library resources
- To gather collections and provide access to materials in all formats to support curricula and programs
- To motivate and help students in becoming information literate and lifelong learners

Library Sections:

- Acquisition & Technical Processing Section
- Reference & Digital Resources Section
- Serial Section
- Circulation Section

Acquisition & Technical Processing Section:

Library always seeks to acquire new

and latest material for library users. Acquisition section is responsible for making the required book available. UCP library has more than 44,500 books in print collection divided in multiple categories as followed;

- Reference collection
- General collection
- Computer Sciences collection
- Engineering collection
- Pharmacy & Life Sciences collection
- Management Sciences collection
- Urdu and English literature
- Law collection

Reference & Digital Resources Section:

Active and specialized Help Desk have been set up to provide in-depth reference and research services. Library staff assists patrons in using the library or making enquiries through E-mails and telephones to meet their information needs. Reference section includes the wide range of information products, such as guides, encyclopedias, directories, databases, equipment and facilities which are provided to enable research to be

carried out to meet requirements.

UCP Library subscribes electronic databases of different disciplines to provide the latest research based scholarly information to users. We provide campus wide access and VPN service only for PhD Scholars to all the resources described below.

UCP Library reference services can be obtained from 08:00 AM to 09:30 PM in all working days, the services include;

- Electronic Document Delivery Service
- Similarity Index Report Services
- Library Literacy Sessions
- Research Assistance
- Ready Reference Service
- Inter Library Loan
- VPN Service (only for PhD Scholars)

The subscribed resources include;

JSTOR:

UCP Library has subscribed to JSTOR, a leading archival database, to strengthen the research activities in the library. It includes archives of over 1000 leading core scholarly

journals covering Business, Finance, Economics, Mathematics, Statistics, Language, Law, Religion, Philosophy, Anthropology, History, Geography, Biological Sciences, Political Science and Education, as well as selected monographs and other valuable materials. JSTOR is available to all students and faculty members of UCP.

HEC provided E-database

Ebrary: ebrary offers a wide variety of multidisciplinary e-books.

Springer Link: Springer Link provides access to more than 500 full-text Springer- Verlag Journals and more than 700 full-text journals.

Taylor & Francis: Taylor & Francis has grown rapidly over the last two decades it contains more than 1000 journal titles in a full range.

- **Wiley-Interscience:** Wiley-Interscience online database containing maximum journals in science, technology, medicine, humanities and social sciences.
- **Free Medical Journals:** Many leading international medical journals available through "High wire Press".

Digital Resources Section:

Digital Resource Section deals institutional repository. The UCP library take initiative to use Dspace software for institutional repository to store UCP research work for long term preservation and for ensuring the online access as well as saving the space for printed resources. It includes different subjects for Example Social Sciences, Information Technology, Life Sciences, Pharmacy, Law, Business, Engineering, Communication and Media Studies research (Thesis) and course work. The access of Dspace is available for all the faculty, students and staff members of UCP.

Serial Section:

The UCP library serial section has subscribed multidisciplinary national and international journals/ magazines and newspapers.

Newspapers:

UCP library has subscribed 18 national & international newspapers in Urdu and English.

Subscribed Journals:

Journal of South Asian Language and



Linguistics, Applied Linguistics, Journal of Microbiology and Biotechnology, Journal of Biochemistry, New Biotechnology Journal, Journal of Marketing, Journal of Finance, Entrepreneurship Theory and Practice, Journal of Public Policy & Marketing, Academy of Management Review, Academy of Management Journal, Media Asia, Asian Journals of Communication, Journal of Communication, Journalism and Mass Communication Quarterly, The International Journal of Press/Politics, Journal of Advertising,

European Journal of Pharmaceutics and Bio-pharmaceutics, Journal of Pharmaceutical Sciences (Online Only), European Journal of Pharmaceutical Sciences, Neural networks and learning systems, IEEE transactions on (Print only), Knowledge and Data Engineering, IEEE Transactions on (Electronic & Abstract), Software Engineering, IEEE Transaction on (Electronic & Abstract), Fuzzy Systems, IEEE Transactions on (Print Only), The Yale Law Journal, Harvard Law Review and Stanford Law Review.

Subscribed Magazines:

Aurora Magazine, Foreign Affairs, Harvard Business Review, National Geographic USA, Newsweek Pakistan, Reader Digest Asia, Scientific American, The Economist UK, MIT Technology Review, Business Traveler, Time Magazine, Fortune Magazine, Pakistan & Gulf Economist, Herald Magazine, Business Review UK, Supply Chain Management Review.

Table of Contents Service:

Table of Contents (TOCs) is one of the major services offered in serial

section. It is designed to keep UCP faculty abreast with latest published research. Through this service, the table of contents of every new issue of the journal(s) of your interest will be provided to you as soon as they get published. You may also send your requirement for full text articles at refdesk.library@ucp.edu.pk

Circulation Section:

UCP library Circulation section supports library patrons in the location and circulation of library material. Services of circulation section include check-

outs, check-ins, renewal, reservations of materials and library fines related to overdue books. Staff is available to help users with all procedures, rules and regulations related to circulation services of UCP library.

Other Library Services/Facilities include:

- OPAC through UCP library Website (<http://library.ucp.edu.pk/>)
- Ask a librarian
- Finishing Corner
- Citation management software

(Installation Help, Demo)

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Librarians are trained professionals who are responsible to maintain, organize and manage the library to educate students continuously and assist in their self-improvement through an effective and prompt dissemination of information.

FACULTIES

Faculties

- Faculty of Management Studies* ■
- Faculty of Information Technology* ■
- Faculty of Engineering* ■
- Faculty of Arts & Social Sciences* ■
- Faculty of Pharmacy* ■
- Faculty of Media & Communication Studies* ■
- Faculty of Life Sciences* ■
- Faculty of Sciences* ■
- Faculty of Law* ■

Faculty of Management Studies



Dr. Faisal Mustafa
Dean

Initiated as PCBA 22 years ago, Faculty of Management Studies has come a long way to attain the status of one of the best Management Faculty in the country. Alongside introducing a number of PhD programs, the faculty is offering specialized MS programs in four major functional areas of business including management, marketing, finance and operations & supply chain management.

Striving to meet international standards, we have restructured our BBA & MBA programs by introducing diversified market oriented majors.

Secondly, UCP-EMBA endeavours to develop pro-active and inventive business leaders for tomorrow where they learn as much from their fellow classmates as from the academically and professionally qualified world-class faculty. Our international linkages with prominent business schools have helped us stay at par with global academic standards.

Faculty of Management studies believes in providing its students with a strong knowledge base alongside professional skills, business acumen and a passion for research to produce high quality professionals, researchers and leaders for private and public sectors in Pakistan and beyond.

Faculty of Management Studies

Faculty of Management Studies is a brand name in the area of Management Sciences, trusted by a large number of people. It has a history of more than a quarter century, history of providing quality education and commitment to excellence. The faculty originated from Punjab College of Business Administration-PCBA (established in 1991), which was a hallmark of business education.

Highly qualified and competent team of teachers, state-of-the-art facilities, excellent research environment, both academic and physical resources to groom students are the salient features of this faculty. It is the pinnacle and the culmination of untiring and focused efforts of Punjab Group of Colleges. This faculty has served the community with excellence for more than 25 years by providing business education at tertiary level. Faculty of Management Studies of UCP is an internationally recognized institution of business education.

Before getting the charter of University of Central Punjab on 16th April, 2002, PCBA offered collaborative MBA programs with renowned universities of the world including Arkansas State University, USA, and Asian Institute of Technology, Bangkok. University of Central Punjab was established under the Government of the Punjab. Faculty of Management Studies has expanded its scope by developing new study programs and setting more departments.

Now the Faculty of Management Studies offers undergraduate, graduate and postgraduate programs in the fields of business, management, marketing, finance, and accounting. It offers

numerous specializations related to these areas.

Faculty of management studies is one of the largest business school in the country with over 3500 students enrolled in its various degree programs.

Since then, the strategic renewal of Faculty of Management Studies is going on. Recently, we have added a number

of PhDs to our faculty and launched new specialized MS programs in four major functional areas of business, management, marketing, finance and operations & supply chain management.

A number of minors in business and non-business fields have also been offered. Having professional links with a number of British and American Universities such as University of

Stirling, University of Southern California and Arkansas State University, we have greatly benefited from the structures of their business schools and business curricula in our recent academic and administrative initiatives.

The crucial information about all of our programs is provided here to help you to decide which program suits you. If you have any further questions, our dedicated staff at the Admissions Office will assist you. We hope that you will consider UCP as your alma mater.

Bachelors of Business Administration (BBA Hons.)

Faculty of Management Studies BBA (Hons.) program combines a strong foundation in business fundamentals and expertise in one specialization area of student's choice out of Management, Finance, Marketing, Information & Operations Management and Entrepreneurship. The curriculum offers significant exposure to humanities and social sciences as well.

This Program aims to:

- Equip students with a variety of organizing, planning, controlling, team-building and communicating skills necessary to effectively manage and lead organizations in diverse and dynamic environments
- Provide students with an understanding of contemporary social, economic and political realities which impact the business environment in Pakistan as well as globally
- Nurture problem analysis and decision making skills required for handling challenges faced by modern businesses. Students will be imparted sustaining potential through development of management knowledge and skills
- Maintain an industry driven blend between theory and practical application in teaching
- Integrate knowledge of the functional areas of business and funnel into a coherent strategic whole to enable students see management problems in a holistic perspective
- Impart ability to design and propose effective policies for value creation through core business processes of any organization
- Encourage 'out of box' thinking and novel solution finding for conventional and non-conventional problems in management domain
- Demonstrate an awareness of the ethical considerations and social responsibilities in the conduct of business. Graduates will be able to evaluate community responsibilities in organizations and society to



propose innovative solutions for complex issues faced by organizations in the pretext of local value system

- Improve interpersonal skills required for effective teamwork and developing cordial work environments. Nourish leadership and initiative taking capabilities coupled with written and oral competencies to enrich managerial effectiveness
- Equip students with quantitative and qualitative tools to identify potential business opportunities and successfully materialize new entrepreneurial ventures

Eligibility Criteria:

Candidates are eligible for admission to this program if they have completed FA/F.Sc./ICS/I.Com./A-Level or equivalent with minimum second division. Admission is granted on merit determined based on scores earned in admission test and academic record.

Degree Requirements:

The degree is awarded after completion of 126 credit hours of coursework with minimum CGPA of 2.00. The degree requirements are normally completed in eight semesters spread over four years.

Curriculum Structure*:

BBA (Hons.) program structure has been revamped as below:

Category	Cr. Hrs.	Courses
Core Courses	51	(17)
Business Electives	15	(05)
Business Major Courses	12	(04)
Compulsory Courses	24	(08)
General Education (Interdisciplinary) Courses	24	(08)
Internship (Non-credited)		
Total	126	(42)

*FoMS reserves the right to make changes in the roadmap or any other information presented herewith, as and whenever deemed necessary or in light of changing guidelines from regulatory or accrediting bodies. (Errors and omissions excepted).

I. Core Courses

All students enrolled in the program must complete business core courses irrespective of the electives/majors they subsequently opt for. These courses include:

- Human Resource Management
- Fundamentals of Management and Organization

- Business Strategy and Planning
- Fundamentals of Marketing
- Marketing Management
- Introduction to Financial Accounting
- Introduction to Managerial Accounting
- Microeconomics for Business
- Macroeconomics for Business
- Financial Management
- Business Finance
- Tax Management / Entrepreneurship
- Fundamentals of Operations Management
- Introduction to Information Technology
- Introduction to Information Systems
- Business Statistics
- Quantitative Analysis

II. Business Electives Requirement

Each student is required to select one course each from the pools of electives offered in five functional areas represented by five divisions of UCP Business School (i.e Management, Finance, Marketing, Information & Operations Management and

Entrepreneurship). These electives ensure a breadth oriented exposure to business functional areas, in program offerings.

III. Business Major Requirement

Each student is required to select four more courses from any of the specialization areas mentioned earlier. These courses are to be opted from elective courses offered under a specialization as given below.

Management:

Management is the force responsible for directing organizations towards goals and objectives. Therefore, the core courses of management focus on the nature and capabilities of human and other resources, as well as how the manager plans, organizes staff, coordinates, and evaluates those resources in an organization and environment. The study of management prepares students for positions of leadership in profit, and non-profit organizations of all sizes. This division's elective offerings also encompass specialized courses from the domain of Human Resources Management. Following elective courses are expected to be offered:

- Leadership & Professional

Development

- Compensation Management
- International Business
- International & Comparative Management
- Performance Management
- Training & Development
- Conflict Resolution
- Organizational Change and Development
- Negotiation and Dispute Resolution
- International Human Resource Management
- Recruitment and Selection
- Any other course may be approved by relevant bodies

Marketing:

The elective courses in marketing are designed to prepare students for careers involving product planning, distributing, promotion, and pricing strategies in profit and non-profit organizations. In addition to a broad overview of marketing functions within organizations, students are provided with knowledge and skills in consumer behavior, marketing research, and strategies. Students are actively subjected to problem solving situations

where a variety of contemporary tools are employed to stimulate the strategic decision-making process. Following elective courses are expected to be offered:

- Selling & Sales Management
- Consumer Behavior
- Marketing Research Design & Analysis
- Service Marketing
- Advertising & Promotion
- International Marketing
- Digital Marketing
- Any other course may be approved by relevant bodies

Information & Operations Management:

This area presents an amalgamation of information systems management and Operations/Supply Chain Management, and is critical for the success of any firm in today's economy. Students learn to leverage technology and information systems to gather critical market data; use statistics to turn this data into critical forecasts and competitive analysis; bring innovation to products or services, and skilfully manage subsequent operations



creating and delivering goods or services to the market. Career opportunities in these areas include Operations Management, Supply Chain Management portfolios and Information Systems consulting etc. Course contents offered by this division also cater for the needs of those students who are interested in exploring prospects in entrepreneurial ventures of their own. Following elective courses are expected to be offered:

1. Fundamentals of Supply Chain Management
2. Retail Supply Chain Management
3. Transportation and Distribution Planning
4. Supply Chain Sourcing
5. Production Management
6. Project Management
7. Enterprise Resource Planning Fundamentals
8. Business Process Development
9. Human Resource Information Systems
10. Electronic Business
11. Any other course may be approved by relevant bodies

Entrepreneurship:

Entrepreneurship is a key to economic development. In view of current socio-economic conditions, Entrepreneurship division offers university education and training to prepare future entrepreneurs with necessary skills in innovative thinking and leadership. Students are exposed to most educational tools and techniques used by faculty and practitioners. The courses are designed to prepare potential entrepreneurs for entrepreneurial decision making, innovative business model formulation, and new product/service development and execution strategies. Following elective courses are expected to be offered:

1. Entrepreneurship
2. Entrepreneurial Marketing
3. Entrepreneurial Finance
4. Idea Generation & Creativity
5. Business Model Development & Innovation
6. Small and Medium Enterprise Management
7. Entrepreneurship Practicum
8. Any other course may be approved by relevant bodies

Finance:

Careers in finance, that are analysis oriented, will generally require proficiency in accounting, economics, and quantitative methods. Core courses offered by Finance division are designed to meet requirements of analytically oriented careers while following elective courses are expected to be offered:

1. Investment Analysis
2. Islamic Finance
3. Capital Budgeting
4. Financial Markets & Institutions
5. International Finance
6. Financial Statement Analysis
7. Commercial Banking
8. Tax Management
9. Any other course may be approved by relevant bodies

IV. General Education Requirement

All BBA (Hons.) students are required to complete general education requirements comprising of non-business courses from different domains as listed below:

General Education Compulsory Courses

1. Basic English Writing

2. English Reading & Comprehension
3. Advanced English Writing
4. Communication Skills
5. Basic Mathematics
6. College Mathematics
7. Pakistan Studies
8. Islam & Arabic Studies

General Education Courses

1. Business and Ethics
2. Human Behavior
3. Law, Politics and Society
4. Research Methods in Social Science
5. Pakistan Today

In addition to above courses, students have to select at least one course from each group of general education electives below:

Group 1: Islamic History and Civilization

1. Islamic History; The Umayyad and Abbasids Period
2. Islam and Modernity
3. Modern Muslim World

Group 2: Language and Literature

1. English Literature

2. Urdu Literature
3. Study of Iqbal
4. Chinese Language
5. German Language
6. French Language
7. Arabic Language

Group 3: Social Sciences

1. Logic
2. Sociology
3. Psychology
4. Religion and Ethical Issues
5. Modern World History
- V. Internship Requirement

Each student is required to complete internship of minimum 6 weeks in any organization approved by Program Office. The internship is compulsory requirement for degree completion though it is neither credited nor graded.

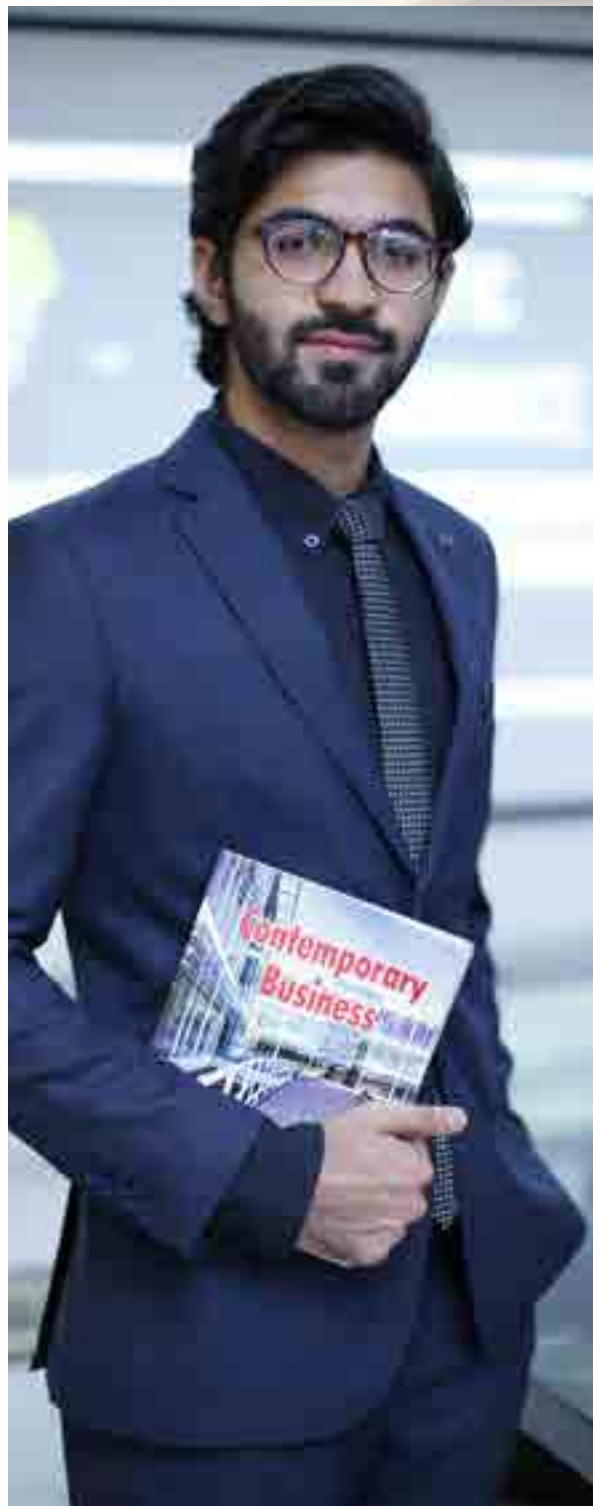
Objectives of BBA Internship are:

- To help students understand dynamism of regular business processes and integration of different functional areas in an organizational setting
- To encourage students apply their skills acquired through classroom learning experience

into practice

- To improve students' work-related proficiencies such as communication skills, confidence and abilities to work with others
- To connect students with the corporate world (or public or third sectors) in preparation of their full-time employment hunt
- To raise Faculty of Management Studies' awareness among potential employers and recruiters through the network of internees

BBA Internship Guide prepared by Program Office carries all the general regulations stipulated to manage and monitor these internships. UCP MBA is designed not only to prepare innovative leaders and professionals for corporate and public sectors but also to develop entrepreneurial acumen creating value for the world. The program offers a wide spectrum of learning opportunities to the students, fostering a skill set adaptive to a dynamically changing world. The development of this competence is reflected in our commitment to teaching excellence and scholarly research to animate instruction and create a futuristic knowledgebase.



Master of Business Administration (MBA)

UCP MBA diligently seeks possible opportunities to bolster the program offerings with strategic collaborations with various industries and other academic institutions around the world.

The program aims to:

1. Introduce the contemporary knowledge base and best practices with a futuristic outlook.
2. Instill curiosity and sharp analytical capabilities for problem solving among students.
3. Train the students to identify and analyze emerging trends in local and global business environment.
4. Offer opportunities to the students to refine and present their innovativeness and make it part of their managerial repertoire.
5. Ensure that the curriculum is aligned with the contemporary needs of the industry and serve as an instrument to bridge the gap between academia and industry

Program learning outcomes

After completing MBA Program, UCP graduates will be able to:

1. Integrate business knowledge and management techniques to effectively manage and eventually spearhead growth oriented organizations and businesses.
2. Apply critical and analytical skills to support management decision-making.
3. Conceive out-of-box ideas and present their ingenuity to execute in unconventional ways when necessary.
4. Demonstrate their effective communication skills.
5. Build effective teams with result oriented group dynamics and general leadership traits.

Eligibility and Admission Criteria:

Candidates are eligible for admission if their qualifications fall in any of the following categories:

Track-1: BBA (Hons)/BS (Hons)-Management/BPA (Hons)/B.Com. (Hons)/BBS etc with minimum CGPA 2.50.

Track-2: BS (Hons) etc. in non-business discipline (16 years of education) with minimum CGPA 2.50.

Track-3: BA/B.Sc./B.Com. etc. (14 years of education) with minimum second division.

Degree Requirements:

UCP MBA is designed to offer flexibility to the students to match their aptitudes and acquire academic qualifications that render them better prospects in their intended careers. However, to ensure same learning outcomes for the categories of enrolling students mentioned above, different credit requirements have been set in light of the guidelines prepared by Pakistan's National Curriculum Review Committee of Business Administration at Higher Education Commission. In order to accommodate these differing requirements, Program course work

is divided into Graduate Course Work (GCW) and Undergraduate Course Work (UGCW). Students with their undergraduate degrees in non-business education are required to take UGCW courses to get on par with those having business education courses in their undergraduate programs.

Core courses include:

- Managerial Economics (core)
- Business Research Methods (core)
- Business Policy and Strategy (core)

Out of 8 elective courses, a student must pick at least one from each division of UCP business school. This ensures minimum breadth in the MBA curriculum encompassing different areas of business education.

Exact credits requirements for students in different tracks are as follows:

Track-1: 33 Credits of GCW

Track-2: 33 Credits of GCW & 36 Credits of UGCW

Track-3: 33 Credits of GCW & 63 Credits of UGCW

Elective courses offered by different divisions at UCP Business School are as below:

1- Management & Organization Division

1. Strategic Human Resource Management
2. Compensation, Incentives and Governance
3. Performance Management and Motivation
4. Leading Innovation and Change
5. Designing High Performance Organization
6. Competitive Advantage through People
7. Power and Politics in Organization
8. Negotiation and Deal-Making
9. Leadership and Executive Development
10. Leading Effective Teams
11. Leadership and self-Management
12. Knowledge management strategy and practices
13. System dynamics and Simulation exercises
14. Big Data Analytics



2- Finance & Business Economics Division

1. Corporate Finance
2. Corporate Financial Strategy
3. Financial Reporting and Analysis
4. International Financial Management
5. Applied Portfolio Management
6. Trading and Exchanges
7. Fixed Income Analysis
8. Alternative Investments & Funds Management
9. Derivatives and Risk Management
10. Enterprise Risk Management

3- Marketing Division

1. Advertising and Promotion Strategy
2. New Product Development
3. Service Marketing Strategy
4. Branding Strategy
5. Marketing Models
6. Marketing Channel
7. Pricing Strategy
8. Global Marketing
9. Retailing Marketing
10. Marketing Strategy and Policy

4- Information & Operations Management Division

1. Management Information Systems
2. Production and Operations Management
3. Business Process Management
4. Enterprise Systems
5. Managing Supply Chain
6. Logistics Management
7. Supply Chain Strategies
8. Business Intelligence
9. Supply Management

5- Entrepreneurship and Innovation Division

1. Market Analysis for Small Business
2. Techno-Entrepreneurship
3. International Strategic Management
4. Social Entrepreneurship
5. Legal Aspects of Entrepreneurship
6. Corporate Entrepreneurship & Innovation
7. Technology Strategy
8. Entrepreneurship & New Venture
9. Innovation Strategy & Management
10. Managing Family Business

MBA industrial based Projects

The MBA final year Industrial Based Project is a vital part of the MBA program, orchestrated at the Faculty of Management Studies, Lahore. MBA project has 6 credit hours, in lieu of two elective courses. Students of final year can undertake a management consulting assignment, in real life business milieu, related to managerial and organizational opportunities that merit investigation. The MBA Project will benefit students through empowering them to evolve their problem identification, data collection and report writing skills. Aside from problem-solving and decision-making,

it also proffers an opportunity for students to augment their professional and leadership skills. The projects will conduct an in-depth analysis including one or more following key areas: General Management and Strategic Analysis, Human Resource Management, Marketing Strategy, Operations and Supply Chain Management, Finance and New ventures. All PhDs and non-PhDs faculty members having minimum 18 years of education can supervise MBA projects. Preference is given to those faculty members who also have corporate experience.



Executive MBA (EMBA)

Program Overview

The UCP Executive MBA (UCP-EMBA) program has been specially designed to cater the needs of mid-career managers, seasoned professionals and entrepreneurs who want to equip themselves with cutting-edge knowledge and concepts to face emerging challenges while remaining fully employed during the pursuit of their graduate studies. UCP-EMBA endeavors to develop pro-active and inventive business leaders for tomorrow where they learn as much from their fellow classmates as from the academically and professionally qualified world-class faculty.

The program is Modular and classes will be held every weekend (Saturday-Sunday) to help working professionals work life balance. It will help them to earn a degree without interrupting their careers. The courses in the first year of the program provide solid foundation for effective learning experience in the second year onwards. The courses have been delicately selected to make UCP-EMBA a unique graduate business degree and adequately focus on both operational and strategic aspects of business organizations.

Admission Requirements:

- Minimum 16 years of education in any subject/ field i.e., engineering, business, medicine, social sciences, arts and humanities from a HEC recognized university along with minimum of three (03) years of professional experience at middle management level in business, government or not-for-profit sector.
- Performance in the UCP-EMBA test and interview.

Structure of the Program:

The program aims to prepare transformational leaders and, therefore, combines theory and practice, hard and soft skills. The idea is to help graduates impact their work. The main features of the program are:

- Case studies and simulation exercises
- Field visits
- Guest speaker sessions
- E-modules
- International Study Trip including an executive program with a leading university

UCP EMBA program requires 60 credit hours (54 credit hours for course work while 6 credit hours for project). Within a module there are four to five courses; a course lasts for five weeks and once a course ends, a new course will be started promptly. If during the EMBA, a student wants a break due to hectic workplace routine, he/she can skip a course and join back rather than skipping a whole module.

Class Timings: 2pm till 8pm on Saturday and 10am till 5pm on Sunday:

The program is divided into following modules:

- Module 1: Fundamentals of Business
- Module 2: Managing Operation 360°
- Module 3: Managing Disruption
- Module 4: Changing Landscape – Present and Future
- Module 5: International Trip and EMBA Project

1st Year

Module 1

- Business Economics
- Accounting for Managers
- Business Communication
- Marketing Management
- Corporate Governance & Business

Laws and Ethics

Module 2

- Strategy Management and Decision Making
- Human Resource Management Strategy and Practices
- Leadership and Executive Development
- Production and Operations Management

2nd Year

Module 3

- Applied Corporate Finance
- Enterprise systems + SAP Training
- Brand Management
- Corporate Entrepreneurship
- Innovation and Technology Management

Module 4

- Elective I
- Elective II
- Chinese Language (Optional)

3rd Year

Module 5

- International Study Trip
- EMBA Project

Elective Courses:

- Data Analysis and Management Decisions
- Power and Politics in Organizations
- Service Marketing
- Business Intelligence
- Organization Behavior
- System Dynamics (Simulation)
- Project Management

- Strategic Supply Chain Management
- Advance Organization Development
- Managerial Accounting
- Conflict Resolution and Deal Making

EMBA Project:

EMBA project is mandatory requirement for completion of the degree. Each student will work on a specific problem or topic that is related to the strategic direction of the organization and is cross-functional in nature. Participants will define and solve strategic problems, explore business opportunities, enhance organizational competitiveness and improve organizational and managerial effectiveness. The project has to be decided in consultation with the current employers of the participants and a university assigned project adviser. This project will be used as a tool to assess participants' ability to apply learned tools and techniques to real life problems.

International/ National Study Trip:

The EMBA participants will undertake one to two weeks' study trip. This trip will help the participants learn best international corporate practices and behavior of competitive markets. During this week the participants will visit top manufacturing and service firms and also get a chance to attend a short executive course with a leading university.

*International study trip university may change according to program requirements

MS Business Administration

The MS Business Administration provides a thorough grounding in the theory and research needed for academic and professional career in the field of business and management. It prepares students for academic career in universities or commercial career in business and management research. Our philosophy is that postgraduate management students need the understanding and skills associated with high quality academic research. This approach applies equally to those who become either academic scholars or professional practitioners.

Program Objectives:

The program gives graduates an insight into modern management practice and an opportunity to develop the skills required for leading and managing organization and pursuing teaching and research careers. Its main elements are:

- Analysis of organizational

structure and behavior both at micro and macro level through multiple theoretical perspectives

- An examination of strategy and the functional areas of management with a focus on internal and external context of organization
- Exploring topical issues in management, comparing different management tools and techniques
- To design, plan and execute a research project addressing both theoretical and practical issues and to contribute to knowledge repository of management.

Area of Specialization: Management, Finance, Marketing, Operations and Supply Chain Management

Degree Requirements:

Core Courses: Four Courses/12 Cr. Hrs

Elective Courses: Four Courses/12 Credit Hours

Thesis: 06 credit hours

Total: 30

Duration: Minimum 1.5 years – Maximum 4 years

Eligibility Criteria:

- Sixteen years of schooling or 4 years of education after HSSC/FA/F.Sc./ICS/A levels/ Grade 12 or equivalent.
- A minimum CGPA 3.00 out of 4.00 in the semester system or 1st division in annual system in bachelors, masters or equivalent degree in a relevant discipline including Business, Management and Commerce is required.
- Admission test and interview will be conducted.

Core Courses:

1. Quantitative Research Method
2. Qualitative Research Approaches
3. Organizational Theory and Design
4. Multivariate Data Analysis

Elective Courses:

1. Human Behavior in Organizations
2. Public Organization
3. Special Topics in Management
4. Human Resource Management Strategy & Practices
5. Seminar in Corporate Strategy
6. Change in organizations
7. Seminar in Innovation and Entrepreneurship
8. Corporate Social Responsibility
9. Contemporary Methods of Data Analysis
10. Product Pricing Decisions: Concepts and Application
11. Distribution Strategy and Supply Chain Management
12. Integrated Marketing Communications
13. Applied Corporate Brand Management
14. Special Topics in Marketing
15. Seminars in Consumer Behavior
16. Theory of Corporate Finance
17. Asset Pricing Theory
18. Financial Econometrics
19. Financial Market Analysis
20. Options and Derivatives
21. Special Topics in Finance
22. Risk Management and Insurance
23. Advance Topics in International Finance
24. Operations Management Theory and Practice
25. Designing and Managing Supply Chains
26. Enterprise Information Systems
27. Business Process Strategy
28. Logistic Strategy and Logistic Systems
29. Inventory Control and Warehouse Management
30. Applied Portfolio Management
31. Corporate Governance and Financial Accountability
32. Any other course may be

approved by relevant bodies

Thesis:

Students securing minimum of 3.00 CGPA will be entitled for the thesis of 6 credit hours. Thesis is completed under the supervision of a faculty member and is evaluated by an external examiner as per university rules.

Note: A student with non-business background may be required to take pre-requisite courses to be determined by the Graduate Research Committee depending on the academic background of the students.



PhD Business Administration

The Doctor of Philosophy (PhD) in Business Administration is an internationally recognized research qualification which allows professionals, managers and academicians to apply advanced research skills and techniques to describe explain and improve existing management practices in a scientific manner. The UCP PhD degree program in Business Administration comprises of course work and supervised research thesis provides training and education with the objective of producing graduates who have the capacity to conduct research independently at high level of originality and quality. The goal of PhD research is to contribute to existing body of knowledge by filling gaps in the current literature. This aim can be achieved when a PhD candidate uncovers new knowledge either by discovery of new facts, formulation of new concepts and theories or the innovative reinterpretation of established ideas.

Our doctoral program aims to produce

graduates who can initiate genuine and indigenous ideas to not only enrich the field of research but to address current governance and management challenges of Pakistan. This program is for graduates seeking to extend and deepen their knowledge by undertaking an appropriate research investigation under the supervision of academic staff of Faculty of Management Studies.

Program Objectives:

After the successful completion of the PhD program, students will have the ability to:

- Design, plan and execute an original piece of research that makes a substantial contribution to disciplinary knowledge
- Undertake self-directed research and produce high-quality outcomes in an acceptable time period
- Critically evaluate relevant academic literature and perspectives in order to assess arguments and evidence in relation

to their research agenda

- Determine and apply appropriate research methods for their research problem
- Exhibit and apply advanced knowledge and scholarship in a specialist field related to their research problem
- Demonstrate high level and systematic understanding of the principles, methods and applications of management sciences
- Articulate and communicate complex issues and impart scholarly knowledge, both orally and in writing, to peers and the scholarly community

Degree Requirement:

Core Courses:

Four Courses/12 Credit Hours

Elective Courses:

Two Courses/06 Credit Hours

Thesis: 30 Credit Hours, **Total:** 48

Duration:

Minimum 3 years – Maximum 8 years

Course Courses:

(Three Courses 09 credit hours)

1. Philosophy of Management
2. Quantitative Methods in Research
3. Qualitative Methods in Research
4. Contemporary Methods of Data Analysis

Elective Courses:

(Three Courses / 09 Credit Hours)

- Seminar in Management Sciences
- Advanced Theories in Business and Management
- Seminar in related area
- Any other course approved by relevant bodies

Eligibility Criteria:

- For admission in the PhD program a minimum CGPA 3.00 (out of 4.00 in the semester system) or First Division (in the Annual System) in MS/M.Phil. or equivalent degree in

a relevant discipline is required.

- A detailed admission test will be conducted to shortlist the candidates for further procedure and qualifying score for this will be 70 %.

OR

In case of GAT Subject Test (conducted by NTS) a minimum of 60% marks is required to pass the test.

- A detailed interview will be conducted to shortlist the candidates for admission.
- Students who have already published or presented their research at the platforms of national and international repute will be given preference.

Thesis:

Students securing minimum of 3.00 CGPA will be entitled for the thesis of 30 credit hours. Thesis is completed under the supervision of a faculty member and

is evaluated by at least two PhD experts from technologically / academically advanced foreign countries in addition to local committee members. At the end of the coursework a comprehensive exam will be conducted. After qualifying this examination, students will present their research proposal within six months. Those students who will not be able to complete requirements of PhD degree may be considered for the award of M.Phil. degree provided they have completed coursework. Each student will be required one publication a pre-requisite for award of PhD degree.

***Disclaimer:** University of Central Punjab reserves right to make, at any time, without any notice, any adjustment/s in its programs, courses or offerings and also in any content/claim stated in it. No responsibility will be accepted by the institute for any hardship or expenses encountered by its students or any other person because of such change/s.

UCP-FoMS Academic Divisions

The academic divisions are listed and described below can help students selecting courses that are particularly useful for careers in the fields covered by the division.

Management and Organization Division

This division offers courses in human resource management, organizational behavior and management strategy. The management function is concerned with setting corporate strategy to gain competitive advantage in a dynamic, global environment; designing the

organization to implement strategy and leading organizational members to achieve strategic objectives. In carrying out their responsibilities, managers must balance the demands of the competitive environment with resources and capabilities inside the organization.

The division's courses help students to learn how to be effective managers by developing skills in team building, decision making, strategy formulation, organizational design, motivating employees and human resource development.

Research and Teaching Faculty



Dr. Aqeel Ahmad
Associate Professor
Program Director, MS/PhD

Dr. Aqeel Ahmad has a PhD and MS degree (HRM) from University Utara Malaysia, which is AACSB Accredited University. He is presently working as Associate Professor and Director MS and PhD Programs. He has more than 28 years of teaching, research, training and administrative experience. He has been achieved the 'academic leadership award' in 2016 to fulfilling the academics, administrative and managerial roles with dedication and outstanding commitment. Dr. Ahmad's teaching, training, consulting and learning interests include the areas of Organizational Behavior, Leadership, Career & Personality Development, Knowledge Management and Human Capital Development. He has successfully supervised more than dozens of MS dissertations in different universities of Pakistan. He has also been appointed as member of the Editorial Board and Reviewer of different national and international journals in Pakistan, Malaysia, Spain, Indonesia and USA.



Mr. Tahir Ashfaq
Associate Professor

Mr. Tahir Ashfaq, Associate Professor of Management and Communication, has earned M. Phil. in Total Quality Management and Masters in English Language & Literature. Owing to his extensive teaching and training experience, his services have been greatly admired by Higher Education Commission of Pakistan (HEC), Pakistan Civil Services, Institute of Chartered Accountants of Pakistan (ICAP), ACCA Global and British Council Pakistan. He has been teaching the disciplines of Management, Business Communication, Presentation Skills and English Language at University level for the last 25 years. He is an approved trainer of HEC and MPDD (Govt. of the Punjab) and has attended myriad conferences at national as well as international platform. He has authored books on the subjects of Behavioural Studies, Presentation Skills and Functional English.



Dr. Salman Iqbal
Assistant Professor
Program Director, MBA

Dr. Salman Iqbal has B.Sc. (Engineering) from Lahore Pakistan, MBA from Australia and PhD from Massey University New Zealand. His research interests include organizational Behaviour, Knowledge management and research using System dynamics methodology. He has presented his research work in various international conferences, couple of his conference papers nominated/awarded best paper award. He has contributed to several Journals including impact factor journal and journals listed in ABDC. He has also contributed in several edited books. In UCP, he has supervised several MS/M.Phil. theses, with his guidance, his students also presented their research in International platforms.



Dr. Muhammad Nadeem Dogar
Assistant Professor

Dr. Muhammad Nadeem Dogar did a PhD in Organization Development and Change & a Master in Human Resource Management from the University of Melbourne, Australia. He was awarded Australian Development Scholarship twice to do the both degrees from Australia. He is an academic & practitioner with special interest in qualitative research, works in areas of Organization Development and Change, Human Resource Management, Leadership and Discourse analysis. Dr. Dogar is a LUMS-McGill fellow and a Certified Master Trainer and Business Case Writer by the Lahore University of Management Sciences, Lahore-Pakistan. He has more than 20 years of work experience with public and private institutions. He is a member of the Academy of Management (USA) and International Centre for Research in Organizational Discourse, Strategy and Change (Australia).



Dr. Irfan Saleem
Assistant Professor

Dr. Irfan Saleem obtained his doctorate from Sorbonne Business School, France. He has an extensive research, teaching and administrative experience of higher education sector. He has served as a Director BBA Program, Deputy Director Research and Associate Editor of UCP Management Review during last few years with UCP. Previously, he worked with the COMSATS University, BZ University, Kinnaird College and Institute of Space Technology. He has published with ranked journals and supervising MS/PhD scholars in the areas of Family Business, Corporate Governance, Entrepreneurship and Organizational Psychology as HEC approved supervisor. Prior to joining UCP, he was affiliated with Groupe de Recherche en Gestion des Organisations, France.



Dr. Abdul Waheed
Assistant Professor

Dr. Abdul Waheed has obtained his PhD degree from School of Business and Economics of Maastricht University, the Netherlands. He also earned M.Sc. in Econometrics from Tilburg School of Economics and Management of Tilburg University, the Netherlands. Dr. Waheed has 18 years of teaching and research experience in various national and international organizations.

Dr. Waheed's current area of research is in the field of Strategy, innovation and Entrepreneurship. His research work has been published in many prestigious peer-reviewed local and international



Mr. Bilal Illahi
Assistant Professor

Bilal Illahi is an MBA from USA. From 1980-1987, he was a shareholder and president of a corporation which owned and managed motels in USA. After coming to Pakistan, he ran his family's textile mill. Prior to UCP, he was part of the visiting faculty of LUMS and GCU Lahore. His subjects include Business Policy & International Business and courses on Professional Development. He has lectured at the Institute of Chartered Accountants of Pakistan and the Civil Services Academy, on monetary policy & global markets. He was crude oil analyst for CNBC Pakistan (TV channel) and is the author of Contemporary Business Environment, a business school textbook, published in 2015.



Mr. Aitzaz Khurshid
Assistant Professor

Aitzaz Khurshid is a PhD scholar at the UCP Business School with research interest in the area of Sustainable Procurement. He completed his Master's in Business Administration from the Asian Institute of Technology (Thailand) in International Business and has more than 15 years of teaching experience. Apart from the teaching area, he is also the main coordinator for the MBA students and plays an instrumental role in student counselling, advice in registration & selection of courses in each semester for the students as well as for the guidance of the MBA Advising team.



Mr. Syed Amjad Hussain
Assistant Professor

Syed Amjad have earned an MBA degree from Salford Business School, University of Salford, UK after graduating from Punjab University. Before joining UCP in 2011, he has served at diversified managerial positions in various prestigious organizations including UMT, PIFD, Midas Pakistan, McDonalds, UK and have netted vast academic and corporate experience with his contribution in integrated areas Business Administration throughout. I have been teaching different courses in his academic career in management sciences domain. His research areas are Strategic Management and Knowledge Management.



Dr. Huma Khan
Assistant Professor

Dr. Huma has done her Doctorate of Business Administration (with Magna cum laude) From EU, Business School Genève Switzerland. Prior to this, she has done her Master in Management Sciences and Bachelor of Business Administration from University of Central Punjab, Lahore Pakistan. She has won many awards during her stay in Switzerland which includes "The award

of excellence for The Best Student of the Year" and "The award of excellence for The Best Doctor Dissertation" by President of Switzerland and President of EU Business School. Her core area of teaching and research is Management, particularly, leader-member exchange relationship, organizational behavior, culture and performance management.



Ms. Hina Ali
Lecturer

Ms. Hina Ali is a lecturer at Faculty of Management Studies in Management division, she has a MS in Public Administration from Institute of Administrative Sciences, University of the Punjab, with specialization in Human Resource Management. Her areas of interest are Corporate Governance, Training & Development and Organizational Behavior. Besides her regular duties, she is heading the UCP's Movie Club as Patron. Ms. Ali also has a keen interest in arts and fashion, loves to travel and explore different cultures. Prior joining as a lecturer Ms. Ali has worked in the HR Department of Shaukat Khanum Memorial Cancer Hospital & Research Centre and MCB Bank Limited- Head office.



Ms. Shabana Naveed
Senior Lecturer

Ms. Shabana Naveed is the Senior Lecturer in Management and Organization Division of Faculty of Management Studies. She is also serving as the Patron of Disaster Management Society of University of Central Punjab. She has earned M.Phil. (Management) from IAS and MBA (Finance) from IBA, University of the Punjab. Currently, she is doing PhD (Management) from IAS, University of the Punjab in the area of Governance of public sector organizations in energy sector of Pakistan. She is an active researcher in the areas of public sector management and governance reforms, organization theory and human resource Management.



Ms. Madiha Hamid
Senior Lecturer

Madiha Hamid is serving as Senior Lecturer at the Faculty of Management Studies. She has Master's degree in Business Administration with specialization in Human Resource Management from University of Central Punjab. Before joining faculty in 2012, she was serving as Manager Coordination & Corporate Linkages at the Directorate of Promotion & Placement at UCP. Her research interests include Human Resource Management, Organizational Behavior and Organizational Development.



Ms. Quratulain Muqarab
Lecturer

Ms. Quratulain Muqarab is MBA (Finance) from University of Central Punjab. She has been working with University since 2012. Before coming to teaching side, she was working with TNS-Aftab as Research Executive. She has been handling trackers research studies there and worked for Multinational brands as clients of TNS-Aftab. Her academic research area is social networks and entrepreneurship.



Ms. Arooj Alvi
Lecturer

Ms. Arooj Alvi has done Masters in Business administration from NUST University Islamabad, majoring in HRM. Prior to that, she did her Bachelors in Business Administration (bi-majors in HRM and Finance) from NUCES-FAST University Lahore. She is an M.Phil. Equivalent (certified by HEC) and specialized in the areas of Human Resource Management, Compensation Management, Organization Behavior, Management Theories & Organizational practices, HRM & IT and International HRM.



Ms. Saba Akram
Lecturer

Ms. Saba Akram did her Master's in Public Relations and Organizational Communication from Montclair State University, New Jersey, USA on Fulbright Scholarship. She has many years of experience in both academia and in the corporate sector. Prior joining UCP, she worked as a Digital Media Executive and a Communication Expert with multiple profit and non-profit organizations. In addition to this, she has also worked as a Communication Associate with The Opportunity Agenda, a non-profit, based in Manhattan, New York. Moreover, she has also taught as a visiting faculty member at NUCES-Fast University.



Ms. Mahpara Shah
Lecturer

Ms. Mahpara Shah is associated with UCP for last ten years. Her area of specialization is Management and Human Resource Management. Mahpara has completed her M.Phil. in Management from Institute of Administrative Sciences, University of the Punjab. She has done her Masters of Human Resource Management from Institute of Administrative Sciences, University of the Punjab and before that she had done with her BS (Hons.) Management Sciences from Institute of Administrative Sciences, University of the Punjab. Her key responsibilities are; Delivering lectures, developing and implementing new methods of teaching to reflect changes in research, designing, preparing and developing teaching materials, assessing students' coursework, setting and marking examinations, supporting students through a pastoral or advisory role, undertaking personal research projects.



Mr. Abdul Karim
Lecturer

Mr. Abdul Karim has a blend of Computer Science and Management. He is a graduate of pioneer batch of Punjab University College of Information Technology with a Masters degree in Computer Science. He did his MS in Management with specialization in Human Resource Management from University of Central Punjab and currently working on his dissertation of PhD. He has more than twenty years of experience in administration and twelve years' experience in teaching. He is working with the University since more than ten (10) years.



Ms. Faiza Akhtar
Lecturer

Ms. Faiza Akhtar completed her MS Management in 2014 and BBA (Hons.) in Human Resource Management & E-Marketing in 2012 from University of Central Punjab, Lahore. She joined UCP in March 2017 as Lecturer in Faculty of Management studies. Prior to joining UCP, she worked as a Lecturer/ Trainer/ Evaluator at Professional Academy of Commerce (PAC) and worked as an Assistant Public Relation Officer at Punjab Educational Endowment Fund(PEEF). Her research interests include Human Resource Practices, Psychological Capital, Work Family Conflict, Organizational and Human Psychology.



Mr. Waqas Zaki
Assistant Professor

Mr. Waqas Zaki is a PHD Scholar and received MS (Comp. Sci.) from University of Central Punjab (UCP) in 2004, MBA in Human Resource Management from PCBA-UCP in 2006 and MS Management from University of Central Punjab in 2014. He has focus on integration of Business Studies with Information Technology as well as he has research focus on Organizational Psychology, Training and Development, Microfinance and Leadership.



Mr. Ijaz Hussain Bokhari
Associate Lecturer

Mr. Ijaz Hussain Bokhari is currently associated with Paradigms Journal as Associate Editor at Faculty of Management Studies, University of Central Punjab Lahore, Pakistan. He holds MS Management (Finance) degree from University of Central Punjab. He is also enrolled in PhD (Entrepreneurship) at University Utara Malaysia. His area of interest is on multi-disciplinary areas but not limited to Accounting & Finance. He has been engaged in corporate sector for more than 6 years, tailoring and grooming professionals in discharging their duties efficiently, covering dynamic fields as Entrepreneurship, Family-Networks, Strategic Management, Research Methodology, Advance Research Methodology and Audit & Assurance.



Dr. Saqib Ilyas
Assistant Professor

Dr. Saqib Ilyas has done PhD from Aix Marseille University, France. He has been associated with University of Central Punjab since 2010. His field of research include Organizational Psychology, Organizational Socialization, Newcomer Proactive Behaviors and Self Determination Theory (application in Organizational Psychology). He has presented his research on different national and international research forums. He is also associated with CERGAM research Lab. Aix-en-Provence, France. Other associations include young researcher and reviewer for British Academy of Management.



Ms. Madiha Rehman Farooqui
Lecturer

Madiha Rehman Farooqui is currently teaching courses related to management and organizations. She has completed her M.Phil. (Management) from Institute of Administrative Sciences, University of the Punjab. She is currently pursuing her PhD (Management) from the same institute. She is an active participant in academic conferences and has research papers on her credit. Her research interests include: Public Administration and Management, Institutional Theories and Human Resource Management.



Finance and Business Economics Division

The area of information and operations management is critical for the success of any firm in globalized economy. This area deals with technology and information management, gathering and understanding data and effective management of day-to-day operations. Students learn to leverage

technology and information systems to gather critical market data on global basis, use statistics to turn this data into critical forecasts and competitive analysis to manage projects with international teams, develop innovative products and skilfully manage the creation and delivery of goods, services

anywhere on the globe. Career opportunities in these areas include information consulting, technology, product development and supply chain management. Course work requirements in this division are also tailored according to students who are interested in running their own companies one day.

Research and Teaching Faculty



Dr. Muhammad Nasir Malik
Assistant Professor

Dr. Muhammad Nasir Malik has held active membership and prestigious CFA Charterholder status in 2009 and 2017. To further his academic and research interests, he pursued Doctoral degree in Finance. His career spans over 15 years during which he has worked on various finance positions in multinational organizations. He has also served as full-time faculty member in University of the Punjab and COMSATS Institute of Information Technology. He has participated in various national and international conferences and has published his research work in some prominent journals.



Mr. Nisar Ahmad
Senior Lecturer

Mr. Ahmad is a professional banker with more than 35 years' experience on his credit. He has worked in several departments like credit, monitoring and documentation of DFI, NBFIs and commercial banks. He has also got an insight into the working of industrial and commercial enterprises of local business environment. He is on the panel of senior faculty and is teaching specialized courses of Finance and banking to BBA and MBA students in UCP Business School. He holds an MBA degree (specialization in Finance /Accounting) from Institute of Business Administration, Karachi. He is Diplomaed Associate of Institute of Bankers of Pakistan (DAIBP).



Dr. Rizwana Bashir
Associate Professor

Dr Rizwana Bashir is Associate Professor at Faculty of Management Sciences and Editor of UCP Management Review. She gathered commendable international teaching and research experience as Post-Doctoral Fellow at Faculty of Business & Management, AIMST University, Malaysia. She also has experience in teaching University of Kanagawa Japan. She has done PhD in the area of Economics and Finance, Masters in Economics and Finance from University of Karachi and Bachelor of Business Administration from University of Peshawar. Her journey of professional development comprises various job functions involving the skills like research, supervision, teaching and program management. As editor to internationally indexed, HEC recognized, Global Management Journal for Academic & Corporate Studies, she has been leading the editorial team and performing the final responsibility for all publication related operations and policies for five years. She has more than 18 years' professional experience.



Dr. Ghulam Saghir
Assistant Professor

Dr. Ghulam Saghir has received his PhD in Economics from Pakistan Institute of Development Economics (PIDE), Islamabad. His specializations include Monetary Economics, Econometrics, Macroeconomics and International Economics. Over the past decade, he has taught at graduate and postgraduate levels at various public and private universities.

His PhD work is on "Estimating the Optimal Monetary Policy Rule for Pakistan". At Pakistan Institute of Development Economics (PIDE), he has also been affiliated with many renowned

Economists including Professor Dr. Eatzaz Ahmad (Director, Department of Economics at QAU Islamabad), Dr. Nadeem Ul Haque and Professor Dr. Fazal Husain (Chief of Research, Dean/Head, Department of Economics at PIDE). His academic research has appeared in HEC recognized journals.



Dr. Snober Javid
Assistant Professor

Dr. Snober Javid has done her PhD in the area of Financial Management from Dongbei University of Finance and Economics, P.R. China, Masters in Finance from University of Balochistan. Her journey of professional development comprises various job functions involving the skills like research, supervision, teaching and program management. She has published/presented her research at prestigious national/international forums. She has more than 10 year's professional experience of teaching and supervising graduate and post graduate levels at various reputed national institutions including SBK Women's University Quetta, University of Balochistan, and Balochistan University of Information Technology engineering and Management Sciences Quetta.



Mr. Saadat Ullah Kirmani
Associate Professor

Mr. Saadat Ullah Kirmani, a PhD scholar (ABD), holds M.Phil. in Accounting & Finance. His professional qualifications include Fellow Chartered Management Accountant, from CIMA, London, and Certified Internal Auditor, from IIA, U.S.A. He has worked in multinationals at senior management levels for over 35 years which include 18 years as Internal Auditor with British Telecom Company abroad. He is teaching to BBA / MBA students since 22 years. He got 'Best Teacher' award from Vice Chancellor of Punjab University in 2006. He has taught students for ACCA exams and conducted workshops for Internal Auditors of National Bank of Pakistan at Lahore and Islamabad. He has been paper setter at Accountancy Institute in Pakistan and prepared questions for IIA institute in USA. His 2 papers are published in journals and he has also presented his research papers at international conferences.



Dr. Kanwal Zahra
Assistant Professor

Dr. Kanwal Zahra did her PhD in Economics from GC University, Lahore. She has 15 years' experience of teaching and research. She was also associated with Government of the Punjab and has an experience to work in different Development Projects of International Donor Agencies as an Economist. She also has research publications in National and International journals. Her area of research is international economics, urban economics, governance, inequality and social exclusion.



Mr. Kashif Butt
Assistant Professor

Mr. Kashif Butt has completed his education from Canada. He graduated from the University of Toronto with a Bachelors, majoring in Economics and Industrial Relations. After that he has done his CPA (Certified Public Accountant) from the US and CIA (Certified Internal Auditor) from Canada. He has vast audit and accounting experience and proficient in dealing with numerous



Mr. Raheel Asghar Ginai
Senior Lecturer

Mr. Raheel Asghar Ginai is a professional Accountant, Educationist and Former Civil Servant. With a diverse experience of more than 40 years, he has held highly senior positions in Pakistan and at international levels such as Chairman National Insurance Corporation of Pakistan and Consultant World Bank & Govt. of Punjab. He has been a member of CSSP, ICMAP, PIPFA committees at higher level positions. He switched over to full time teaching by joining PCBA in 1996, which is now UCP. He has spent about 35 years in teaching at various institutions and universities like University of the Punjab, ICMA, PCBA, UCP and more than 8 years at various institutions in the United Kingdom. He has been guest speaker at NIPA, Lahore and Institute of Public Health, Lahore and Administrative College of ADBP Islamabad. He has wide international exposure including representing Pakistan at International forums like Executive Committee of Universal Postal Union, a body of UNO; and congress of SWAPU. In addition he had operative and managerial training in Netherlands, India, Japan and the UK. In private capacity he has travelled to several countries.



Dr. Muhammad Usman Yusuf
Assistant Professor

Dr. Muhammad Usman Yusuf has done his PhD in Finance from Comsats Institute of Information Technology, Lahore campus. He completed his Masters of Science in Finance from Comsats Lahore in 2010. He also earned his Masters of Business Economics from University of Punjab with specialization in Economics and Finance in 1999. He has 14 years of teaching experience in various universities at both undergraduate and graduate level. Additionally, he has 3 years of professional experience of working in Irfan Textiles (Pvt.) Ltd. as Assistant Manager PPIC.



Mr. Kashif Ali
Lecturer

Mr. Kashif Ali has a Master degree from University of Connecticut, Stamford, CT, USA and Entrepreneurship training from The Schoolab in Paris, France. Before joining the UCP, he was a Fulbright Scholar at University of Connecticut to study Master of Financial Risk Management. His interest areas are Financial Risk Management, Alternative Investments, and Entrepreneurship.



Mr. Nizam Feroze
Lecturer

Mr. Nizam Feroze joined Faculty of Management Sciences as a Lecturer in Finance division in March 2014. Prior to this, he completed his B.Sc. Honors at Middlesex University, London and M.Sc. Investment Analysis from Aston University Birmingham UK. Prior to an academic career he worked in financial Sector for 2.5 years (Santander Asset Management, and Platt's Trading Ltd, UK) as a research Analyst in Forex and Commodities and equities department. His area of expertise is Trading Techniques in Commodities and Forex.



Ms. Madeeha Islam
Lecturer

Ms. Madeeha Islam has received her MS degree from University of Central Punjab with specialization in Finance and MBA from IBA, University of the Punjab. She was awarded gold medal for her distinction in MBA and received merit scholarship throughout her academic career. She teaches core and specialization courses in Finance and Business Economics division. Her areas of interest include Corporate Finance, International Finance and Financial Risk Management.



Ms. Eeshah Ahmad Tariq
Lecturer

Ms. Eeshah Ahmad Tariq has a M.Sc. Finance from Alliance Manchester Business School, Manchester, England and a B.Sc. Honors in Economics and Management from University of London. Ms. Eeshah is also pursuing her candidacy for the Chartered Financial Analyst (CFA) and has successfully cleared Level 1 and Level 2. Prior to joining UCP, she was a Lecturer in Finance at the Lahore Business School, University of Lahore. Her research interests are Corporate Social Responsibility, Corporate Finance, Behavioral Finance and Exchange Rates.



Prof. Dr. Qais Aslam
Professor

PhD from University of National & Global Economy (Higher Institute of Economics) Sofia, Bulgaria, LLB, PU Law College, Lahore, Professor of Economics at Faculty of Management Studies, Lahore since 2007-to date, Former Chairman, Department of Economics, GCU, Lahore with 34 years teaching & research experience at University level & 8 year administrative experience.

He has published 15 Research papers in HEC's Recognized Journals and more than 40 other publications, many Conference papers (read at France, USA, Bulgaria, India, Bangladesh and Pakistan), numerous Reports & Essays on Economy of Pakistan. He is a Member of HRCP, PIDE, PELA, National Geographic Society (USA), Climate Reality Project (USA), Advisory Committee (Central) for Federal Tax.

He was HEC approved PhD supervisor until 2016 and is PhD external examiner to Aligarh Muslim University and 5 Other Indian Universities. He is a Member of Editorial Board to The International Journal of Pluralism and Economics Education, USA, Paradigm, UCP, Pakistan and CRESO Research Journal, India. He has specialized in Environmental Economics; Poverty, Social Economics Issues and Development Issues with reference to Economy of Pakistan



Mr. Muhammad Azfar Ali
Associate Professor

He is a Fellow Cost & Management Accountant (FCMA) 1997. He has done his Master's in Business Administration (MBA) 1986 from BZ University Multan and achieved 1st position in B.Com. from BZ University Multan. He also has an Advanced Diploma in Management Accounting –CIMA UK. Mr. Muhammad Azfar Ali has Diverse experience of 31 years including working with a Development Finance Institution for 10 years, almost five years with an industrial group engaged in paper & board, cement, textile and software. He has also worked as senior Vice President of Credit Rating Agency. He has done full time stock trading for almost one and a half year at Karachi and Lahore stock exchange. Besides more than 14 years teaching experience with UCP, he has attended various training programs on banking and teaching.



Mr. Ghulam Mustafa
Lecturer

Ghulam Mustafa has been working in this School since 2010. He completed his MBA from IBA (University of the Punjab) in 2009 and M.Phil. (Commerce) from University of Central Punjab in 2015. Topic of his thesis in M.Phil. was "Volatility transmission and asymmetric linkages between stock market and foreign exchange market of Pakistan". Currently he is PHD scholar and working on his dissertation. Courses that he teaches, are Managerial Accounting, Financial Accounting, Financial Management, and Islamic Banking.



Mr. Khalid Mahmood Ahmad
Senior Lecturer

Mr. Khalid Mahmood Bajwa is a Fellow member of the Institute of Cost and Management Accountants of Pakistan. Currently, he is teaching as a Senior lecturer at University of Central Punjab and pursuing his PhD. Prior to that, he did his M.Phil. in Finance from National University of Modern Languages (NUML) and M.Com. from Hailey College of Commerce, University of the Punjab, Lahore. He also holds a Diploma in International Financial Reporting Standards from ICMAP and Advanced Diploma in Cost and Management Accountancy from CIMA – UK. He has been a leaned and paramount trainer on behalf of ICMAP. He has been an insightful and heartfelt academician, having a 16 years' experience in teaching as well as in Administration in preeminent institutions like (BZU) Multan, (ICMAP) Lahore & Multan, (PU) Lahore, and SKANS. His areas of expertise are Financial Reporting, Corporate Financial Reporting, Cost and Management Accounting, Financial Management, Audit and Assurance, Investment Analysis and Portfolio Management and Strategic Risk Management including Financial Derivatives.



Ms. Marriam Rao
Lecturer

Ms. Marriam Rao is a full time faculty member in University of Central Punjab. She has been visiting faculty member of COMSATS University. She hold 6 years of corporate experience as Manager Finance at Bahria Town (Pvt) Ltd. She has worked on Funds management, Bahria Town Land, Hospital and Schools Financing projects. I am Patron of UCP NISA Society. She holds an M.Phil. in Management Science (Finance). She is also a PhD Scholar in COMSATS Institute of Information and Technology Lahore. He two research papers are published in ABDC ranked Journal of Managerial Finance, Emerald Insights. Currently, she is working on HEC Thematic Research Grant Project and research supervisor of MS students.



Dr. Muhammad Ahmad
Assistant Professor

Dr. Muhammad Ahmad is teaching at professional level for more than two decades. He did his doctorate degree (PhD) in commerce and his area of research was Mergers and Acquisitions and a Fellow member of cost and Management Accountants of Pakistan. Primary area of research includes Accounting, Finance. Dr. Ahmed has published several research articles internationally. Along with teaching and research, he is performing several roles in UCP committees such as member of Doctoral Program Committee (DPC), Graduate program committee (GPC), member of Board of Studies. He is working as external supervisor in Government College University Lahore, Hailey College of Banking and Finance University of Punjab. Hailey College of Commerce University of Punjab. He served in Canada for six years as financial analyst.



Mr. Imran Shahzad
Assistant Professor

Mr. Imran Shahzad is a Chartered Accountant and has conducted extensive and diversified audits during his article ship, including both local and multinational companies. He has acquired his M.Phil. from UCP and MA Economics from the University of the Punjab. He is currently in the process of completing his PHD in accounting and finance, from the University of Central Punjab. His PHD research focuses on the taxation issues of Pakistan. He actively teaches courses in taxation management, financial accounting, managerial accounting, audit and assurance and business laws.



Mr. Bilal Sarwar
Assistant Professor

Mr. Bilal Sarwar, Assistant Professor, is M.Phil. from University of Central Punjab and PhD scholar. He has done his Bachelors from Hailey College of Commerce, University of the Punjab. He is also doing ACCA from Association of Chartered Certified Accountants, UK. He has 14 years' teaching experience in the field of Accounting and Finance. He has a keen interest in supervising research work at M.Phil. level. Apart from teaching responsibilities, he has been involved in managing the examinations and registration.



Mr. Abid Rasheed
Lecturer

Mr. Abid joined UCP in 2014, worked formerly as a Finance Manager in a limited company. Currently, he is pursuing PhD from University Utara Malaysia. He graduated from University of Punjab, did his Master's degree in Financial Management from Thames Valley University London UK. He also hold an LL.M from University of Lahore, LL.B from Bahauddin Zakariya University Multan, MA English from University of the Punjab and MA History with Europe Specialization from University of Sargodha. He is a member of Lahore Bar council and an environmentalist lawyer. He has training at climate reality program at Houston, Texas USA. His research interests are in Financial Law and Corporate Governance.



Dr. Rubeena Tashfeen
Associate Professor

Dr. Rubeena Tashfeen, has earned her PhD from Victoria Business School, Victoria University of Wellington, New Zealand. She was recipient of a Doctoral Scholarship award from the University. The focus of her research is on the Value and Risk Effects of Financial Derivatives with examination of Corporate Governance Hedging, Speculation and Selective Hedging Strategies. Earlier, she obtained her MBA with Finance specialization from the University of South Florida, USA and was awarded a US-based scholarship for her studies. She has extensive research publications and conferences both national and international. For the last 14 years, Dr. Rubeena has been associated with academia in Pakistan and abroad. Her extensive industry work experience includes major projects involving World Bank, The Canadian International Development Agency (CIDA) and UNIDO-Intechmart and the United States Agency for International Development. At her last job, she worked as Chief Financial Officer for SGI, a subsidiary of the Nishat Group of Companies.



Dr. Zahid Ahmad
Associate Professor

Dr. Zahid Ahmad has been associated with the University of Central Punjab for the last 17 years. He is a well-known professor of Statistics holding M.Sc. (Statistics) degree from Islamia University, Bahawalpur. He has done his M.Phil. & PhD (Statistics) from Government College University, Lahore. He has taught at public and private sector universities, he is expert of his area of specialization. He is a research consultant and also has a keen interest for supervising research work at M.Phil. & PhD levels. He teaches advanced level Statistics and Econometrics courses in addition to Quantitative Methods and Analysis. Owing to his diverse research contributions, He has various research publications in HEC recognized journals, and contributed his research in a number of seminars and conferences at national and international levels.

Information and Operations Management Division

The area of information and operations management is critical for the success of any firm in globalized economy.

This area deals with technology and information management, gathering and understanding data and effective management of day-to-day operations. Students learn to leverage technology and information systems to gather

critical market data on global basis, use statistics to turn this data into critical forecasts and competitive analysis to manage projects with international teams, develop innovative products, and skilfully manage the creation and delivery of goods, services to anywhere on the globe. Career opportunities in these areas include

information consulting, technology, product development and supply chain management. Course work requirements in this division are also tailored according to students who are interested in running their own companies one day.

Research and Teaching Faculty



Dr. Faisal Mustafa
Professor (Business Intelligence)
Dean, Faculty of Management Studies

Dr. Faisal has 18 years' international career as Professor, Data Scientist, Senior BI Consultant, IT Transformation Director and a Lead Researcher. He received his PhD from University of Huddersfield, UK and Post Graduate higher education teaching qualification from University of Essex, UK. He has been Senior Faculty Member, Quality Assurance Reviewer and Chair in the leading institution of United Kingdom, China, Malaysia, Singapore, Qatar and Pakistan. He brings with him an excellent higher education academic, industrial collaboration and administrative record. Dr. Faisal's research interests include Business Information system development, Business Intelligence, Business Forecasting, Business simulation modeling, Investment Valuation & Analysis, Artificial Intelligence, AI planning, Advanced Business Innovations and Semantic Web Services platform for businesses. His academia action research strand focuses on multidisciplinary curriculum development, inclusive learning and participatory engagement in a collaborative research environment to support teaching & learning in lifelong sector.



Dr. Hassan Rauf Chaudhry
Assistant Professor

Dr Hassan has a PhD from North Carolina State University, USA, an MBA from Lahore University of Management Sciences and undergrad in Textile Engineering from National Textile University, Faisalabad. Dr. Hassan teaches in the areas of Operations Management and Supply Chain Management. He is an avid case writer and case instructor and holds vast experience in writing and teaching cases. He has been engaged with different organizations from textile, pharmaceuticals and retail industries as a Strategy and Supply Chain Consultant. Prior to joining UCP, Dr. Hassan was part of faculty at Suleman Dawood School of Business at LUMS. His research interest includes supply chain, quality improvement, retail and sustainability.



Mr. Farrukh Iqbal
Assistant Professor

Mr. Farrukh is a seasoned educator, trainer and researcher in the fields of Quality, Operations and Supply Chain. He earned research Master's degree in Quality & Operations Management from Chalmers University-Sweden, Master's degree in TQM (Total Quality Management) from University of the Punjab-Lahore and BS in Metallurgical Engineering from UET-Lahore. He is an approved trainer of ISCEA-USA (International Supply Chain Education Alliance), Leoron-PDI (Professional Development Institute)-UAE and Winning-Creed in the regions of Middle East and Africa. He has extensive experience of 13 years in both National and International Organizations. He holds prestigious certifications of Certified Six Sigma Black Belt (CSSBB), CSCA (Certified Supply Chain Analyst) and CSCM (Certified Supply Chain Manager). He is also approved trainer of MPDD (Management and Professional Development Department) of Government of Punjab for the modules of TQM, Lean Management and Business Process Re-Engineering. Currently he is engaged in research, consultancy and training activities and administer the courses of Operations and Supply Chain as a Cluster Head.



Mr. Kazim Ali
Senior Lecturer

Mr. Kazim has around 10 years of academic and professional research experience in across Europe, Middle East and North Africa and Pakistan, in the domain of Computational Modeling and Simulation, Cognitive Neuroscience & Business Strategy and Business Performance Management. He has been research wise affiliated with NUST and EPFL, Switzerland (RANKED: 14th in QS world university). He is Certified SAP ERP Consultant – Integrated Business Processes. He is also a Certified Information Systems Auditor (CISA) by ISACA, USA.



Mr. Sayyid Haider Mustafa Rizavi
Senior Lecturer

Mr. Rizavi is a Senior Lecturer in Information and Operations Management in Faculty of Management Studies. He is with this faculty since March 2013 prior to which he was working as Manager Business Intelligence in Information Technology Group of Askari Bank Ltd. for nine years. Mr. Rizavi holds a Master of Science in Computing Research from University of Dundee (United Kingdom). His main areas of interest are Business Information Systems, Business Intelligence, Management Information Systems and Human Computer Interaction.



Mr. Haroon Ameen
Lecturer

Mr. Haroon has a Masters in Enterprise Resource Planning Systems (SAP) from Victoria University, Melbourne Australia. While in Australia, he worked as a Business Analyst on various information systems. He is currently the SAP Program Director for UCP FoMS.



Mr. Salman Ahmed
Lecturer

Salman Ahmed has an MBA from the University of Huddersfield, United Kingdom and a Master's degree in Computer Sciences from the University of Central Punjab, Pakistan. He's also holding CMI Level 8 Diploma in Strategic Direction and Leadership (QCF) from, the Chartered Management Institute, UK. He has 5 years of FMCG sales management experience from the UK. His research interest, as well as teaching areas, are Information Systems, Operations Management, and Supply chain management.



Mr. Ahmad Ammar
Assistant Professor
Program Director, BBA

Ahmad Ammar has Masters in Mechanical Engineering (Manufacturing Systems) and Computer Science from National University of Singapore (NUS) and Lahore University of Management Sciences (LUMS), respectively. Prior to joining UCP as Assistant Professor, Ahmad worked for companies in automotive, dental appliances manufacturing, software and process industries, both in consulting roles and at management positions. He has also served as Head of Technology Initiatives at TUSDEC, a subsidiary of Pakistan Industrial Development Corporation Ltd. Currently serving as Program Director (BBA), he teaches courses in Operations and Supply Chain Management domain with scholastic interest in Ubiquitous Supply Chain Management.

Marketing Division

Marketing is the process of planning and executing the conception, pricing, promotion and distribution of the ideas, goods and services to create exchanges that satisfy individual and organizational objectives. Modern

marketing focuses on research and analysis to understand consumer behavior and identify customer needs, new product research and development, competitive pricing, coordinated promotional or sales programs and

efficient logistics and distributions. Students may seek careers in marketing, management, logistics management, retailing or whole selling, sales program administration, advertising and marketing research.

Research and Teaching Faculty



Dr. Muhammad Zeeshan
Assistant Professor

Dr. Zeeshan has over twelve years of corporate, teaching and research experience. He completed his PhD from Infrastructure University Kuala Lumpur in 2015. His major in PhD was Business Administration. Prior to pursuing his PhD, he was working as Trade Marketing Manager at Continental Biscuits (LU). He was teaching in Malaysia for six years at graduate and post-graduate level before joining UCP. His interest areas are services marketing, brand management, strategic marketing and strategic management. He is HEC approved supervisor for MS/M.Phil. and PhD in Pakistan. He is also certified teacher in Malaysia.



Mr. Agha Mahmood Ali Khan
Assistant Professor

Mr. Agha has 14 years of University teaching experience with a M.Sc. in Management and MBA in Marketing from University of Central Punjab. Before joining UCP, to take up the role of an educationist, he accumulated vast experience of working with top multinationals like Unilever Pakistan and British Council, Pakistan. He brought his hands on experience of brand management, distribution and trade category, marketing management and organizational marketing. Currently, he is pursuing his PhD in Marketing and has interest in areas like Public Relations, Corporate Social Responsibility and Branding.



Mr. Basharatullah Malik
Assistant Professor

Mr. Basharatullah Malik, MS/M.Phil. and PhD scholar is a Marketing teacher at UCP for the last 12 years, engaged in teaching, training, counseling and supervising research. Previously, he worked as Coordinator/HOD (Marketing Division), Cluster Head, Director (Evening Program), Manager CMER & CAL in UCP. Along with teaching of basic to advanced courses of Marketing, he is an active researcher at UCP, motivational speaker/trainer for corporate and government sector, student counselor. His practical experience comprises of 20+ teaching at University level and 30+ years with multinationals and semi Government Corporation. He often speaks as guest speaker at MPDD, DSD, Punjab Judicial Academy PJA, Akhuwat and other Universities. He has trained more than 15,000 participants.



Mr. Khurram Hamid
Assistant Professor

Mr. Khurram is an MBA from Asian Institute of Technology, (AIT) Thailand. He is currently working as an Assistant Professor with Faculty of Management Studies. He is teaching in this faculty for last 10 years. Prior to that he has acquired ten years of commercial and investment banking experience with an emphasis on marketing and developing strategies for financial products and services. Currently involved in applied research and teaching Undergraduate & Graduate courses. Branding is in particular an area of increasing research interest as well. Additionally, his previous professional experience and skills assisted in enhancing his contemporary teaching techniques with practical knowledge of the field in the business context of Pakistan. He is also a certified trainer for professional development and has executed extensive training modules in the corporate sector, particularly Investment banking.



Mr. Saquib S. Bhatti
Assistant Professor

Mr. Saquib S. Bhatti is a graduate of the School of Management, Asian Institute of Technology (AIT), Thailand, a leading business school of Asia Pacific Region. Mr. Bhatti brings with himself a decade long rich and diversified experience of the industry. Mr. Bhatti worked as Director Strategic Planning at RED Communication Arts, Lahore, Head of Sales & Marketing functions of Sundrop at Wali Oil Mills, Lahore. He also served in Habib Oil Mills, Karachi and Sapphire Fibres Ltd., Lahore, in the areas of marketing research, brand management, and merchandising.

Mr. Bhatti switched to the Academia in 2002 and has been into teaching ever since. Before joining UCP he was associated with FAST School of Business, NUCES, Islamabad. He has also taught at IAS, Punjab University, IBIT, Punjab University, Lahore, and Bahria University, Islamabad.

During his Masters, Mr. Bhatti had the honour of being an exchange program student at ESCP – Paris, sponsored by the Government of France under the AIT-EC exchange program.



Mr. Waseem Irshad
Lecturer

Mr. Waseem Irshad is a research oriented academic professional, he has published three research papers in refereed research journal and presented/participated in ten international conferences. Further to research publications, he has been part of organizing team for two international conferences along with organizing and conducting scores of trainings/workshops on research for the faculty & students. His teaching has also been centered towards research incorporating hands on expertise of research concepts woven with theoretical underpinning hinged upon the technological expertise like SPSS, AMOS, Nvivo and Endnote. He has also worked as reviewer of International Journals.



Ms. Faghia Mazhar
Lecturer

Ms. Fagiha has done her MPA from Punjab University, Lahore, Pakistan and MBA from Central Queensland University, Australia. She has worked with both national and multinational organizations in corporate sector. She switched to educational industry and worked as adjunct faculty member in PCBA and Institute of Public Administration, Punjab University Lahore. Travelling within and outside the country, during her corporate career introduced her to the different cultures and work ethics prevailing in other countries with multicultural environment.



Mr. Nabeel Haider
Lecturer

Mr. Nabeel has done his Bachelors in Business Administration (majors in Finance) from Lahore School of Economics in 2010. While exploring options for Masters, he decided to opt for M.Sc. in Marketing from University of Bath, (UK).



Dr. Mohsin Altaf
Assistant Professor

Dr. Mohsin Altaf has obtained his PhD degree in Marketing (Internal Branding) from Universiti Utara Malaysia (AACSB, AMBA and ABEST21). Dr. Mohsin Altaf has five year of teaching experience and nine year of research experience. His core area of research includes Internal Branding and Services Marketing. He published number of research papers in well-reputed databases and journals at national and international level included Journal of Islamic Marketing (Emerald), Journal of Pharmaceutical and Healthcare Marketing (Emerald), Journal of Social Sciences & Humanities (UPM) and Review of Business Management (SSCI and Scopus).

Name	Designation	Qualification
Mr. Rehan Mahmood	Lecturer (Study Leave)	M. Sc. From University of Glasgow, UK

Entrepreneurship and Innovation Division

The Entrepreneurship and Innovation division is aimed to teach, coach and inspire students to be entrepreneurial in their lives. The division provides students the tools and experiences necessary to creatively pursue new opportunities and innovations in

the start-up ventures by introducing new concepts of entrepreneurship and innovation and how they are distinguished. It further develops the necessary entrepreneurial acumen in our university students, in order to become successful entrepreneurs. The

division focuses on problem based learning method where students are exposed to real life problems and are expected to offer solutions that novel, innovative and contextual based on our peculiar social and cultural contexts.

Research and Teaching Faculty



Mr. Irfan Siddique
Assistant Professor

Mr. Irfan did his MBA in Marketing from IBA, University of the Punjab and MS Entrepreneurship & SME Management from GC University, Lahore. He started his career as Assistant Manager Marketing in Pepsi Cola and worked in WAPDA as Revenue Officer for more than six years. In addition to his industry experience, he has more than ten years of teaching, research and training experience with different business schools. He presented papers in international conferences and published his articles in well-reputed journals. His research interest is in Entrepreneurship, Family Business and SME management.



Ms. Amina Rizwan
Lecturer

Ms. Amina Rizwan is a PhD scholar joined the University of Central Punjab as a permanent faculty member in year 2016. She has completed her Masters of Commerce from Punjab University Hailey College and M.Phil. Commerce from the University of Central Punjab. Her field of specialization is Finance. She is Teaching Finance, Entrepreneurship, Entrepreneurial Finance, Financial Accounting, Project Appraisal and Credit Management and Research in UCP business school. In addition to serving actively, she is a certified Climate Reality Leader from Pakistan as she has completed her training in 2016 in Houston Texas. She is currently Patron of TEC society (The Entrepreneurship Club) of UCP. Under her supervision, entrepreneurship teams of UCP won prominent positions in diffident competitions in LUMS, Islamic University, IBA Sukkur and KCWU. She has moderated and arranged Harvard base case study competitions in the University of Central Punjab.



Ms. Ambreen Khursheed
Lecturer

Ms. Ambreen is a PhD scholar and MS qualified professional (Gold Medalist) with majors in Finance. She is associated with UCP from last nine years as alumni and now serving as Lecturer. Her journey of professional development comprises of various job functions involving the skills like research, teaching, trainings, workshops and seminars. She has vast experience of working in different financial and educational institutions of Lahore including Office of Research, Innovation, and Commercialization (UCP), State Bank of Pakistan, Lahore Division and British Council Pakistan. Moreover, she has also work experience in the field of vocational entrepreneurship trainings and student counselling. Her expertise includes high commands over Financial Models, Advanced Econometrics, Investment Valuation and Analysis, Entrepreneurial Finance and Business Forecasting.

Name	Designation	Qualification
Mr. Bilal Akbar	Lecturer (Study Leave)	PhD scholar from School of Management Innsbruck, Austria Masters from University of applied Sciences, Salzburg Austria

The Vital Role of Research

As benefit a university with history and reputation, research is at the heart of all we do. It underpins- indeed leads to most of the taught courses we offer and informs the academic work of our MS and Ph.D. students. It is responsible for much of our collaborative work with business, industry and the public sector.

No less important, it generates a culture of intellectual endeavor that is fundamental to the well-being of all members of the university and encourages the cross-fertilization of ideas and expertise for which UCP has long been famous."

Faculty of Management Studies Comprises of 5 Centers.
The details are given below:

Center for Applicable Mathematics and Statistics

CAMS offer courses in applicable Mathematics and Statistics both at undergraduate and graduate levels. These courses include college Mathematics, Business Calculus,

Business Statistics, Quantitative Analysis and Multivariate Data Analysis. Faculty of the center is also actively engaged in research. The areas of research include non-linear analysis,

theory of relativity, numerical analysis, experimental design, data analysis, multi-criteria decision-making and fuzzy mathematics.

Research and Teaching Faculty



Dr. Ahmed F. Siddiqi
Professor, Associate Dean (Academics)

A data scientist by specialisation, he earned his PhD in Statistics in 2010. A seasoned academician with an active teaching experience spans well over 25 years with teaching not only in Pakistan but also there in United States and China. He usually teaches courses in Quantitative domain like Multivariate Data Analysis, Econometric, Business Research Methods, Marketing Research, Financial Modelling, etc. where he accentuates algorithm writing and computing using state of the art packages like SPSS, Stata, R, Matlab, Tableau, etc. He is also engaged in consulting where he helps businesses develop data based winning strategies. He also has managed to publish his research work in many renowned and reputed national and international journals.



Dr. Muhammad Shafiq Akhyar
Professor, Associate Dean (Administration)

Dr. Shafiq is the Associate Dean of Administration in Faculty of Management Studies. He obtained his PhD in Statistics from Cornell University, USA. He has more than fifty years of teaching and administrative experience at various public and private sector universities. Before joining the University of Central Punjab, he was the Head of the Department of Statistics at the University of Karachi. He also served for fifteen years, as a senior faculty member, in the Department of Statistics and Operations Research at King Saud University, Riyadh (KSA). His teaching and research interests include experimental design and data analysis. He has been a member of various professional bodies. He has written many research articles in renowned national and international journals.



Dr. Rizwana Kausar
Assistant Professor

Dr. Rizwana Kausar serving as an Associate Professor of Mathematics in the Faculty of Management Studies. She did her PhD in applied mathematics from University of the Punjab, Lahore and Post-Doc from University of Zurich, Switzerland. She is an active researcher in her field and got published many impact factored research papers in the journals of international repute. She has been awarded by two research productive awards by Pakistan Council of Science and Technology. Every year, she used to participate in national and international Conferences.



Ms. Samra Abbas
Assistant Professor

Ms. Samra Abbas has an M.Phil. from University of Engineering and Technology Lahore. Before joining the UCP, She was teaching in Beaconhouse National University and University of the Punjab. Her research area is Applied Mathematics.



Dr. Muhammad Naeem
Assistant Professor

Dr. Naeem is an Assistant Professor of Financial Mathematics at the Faculty of Management Studies at the University of Central Punjab. He holds a PhD in Mathematics for Economics and Financial Applications at "Sapienza" University of Rome, Italy, MS Degree in Techno-mathematics at Lappeenranta University of Technology, Finland and MSc in Applied Mathematics at University of Engineering & Technology, Lahore. He had won the PhD Schools Fellowship of at "Sapienza" University of Rome. He had won research funding for visiting Germany, Netherlands and Austria. His research focuses on Financial Mathematics, Financial Econometrics and specifically on Volatility Modeling and Forecasting of Financial Time Series.



Mr. Numan Yaqoob
Lecturer

Mr. Numan Yaqoob has M.Phil. & B.Sc.(Hons) in statistics from Government College University Lahore. Before joining UCP, he was faculty member in department of Statistics GC University Lahore. His area of interests are Multivariate Statistics, Time Series Analysis and Data Science.



Dr. Muhammad Aslam Javed
Lecturer

Dr. Muhammad Aslam Javed has been serving UCP as a Lecturer in Faculty of Management Studies since February 2012. Prior to UCP, he has taught at FAST-NU Lahore. He has done PhD in Mathematics from National University of Computer & Emerging Sciences, Lahore. In PhD, he has published three research papers and his area of research is Fuzzy Similarity Measures. In UCP, he teaches Basic Mathematics, College Mathematics, Business Statistics, Quantitative Analysis, Statistics and Elements of Set Theory & Mathematical and Probability & Biostatistics. He has produced one research papers in impact factor journals and two research paper in non IF but ISI journals. He has attended and participated in various conferences, workshops, seminars and training sessions at ASSMS GCU, LUMS, LSE, COMSATS and UCP Lahore.



Mr. Junaid Ahmad
Lecturer

Mr. Junaid Ahmad has served four years as a Mathematics teacher in Cambridge University affiliated institutions in Lahore and five years as Visiting Lecturer in Punjab University. Since Feb 2012, he is working in University of Central Punjab as a permanent Lecturer in Faculty of Management Studies. He has taught various courses related to mathematics. He has studied from renowned Universities of Pakistan. He did his first M.Sc. in space sciences from Punjab University and then went to University of Engineering and Technology, Lahore and earned MSc. and M.Phil. in Applied Mathematics. Currently, he is doing PhD in Mathematics from University of Engineering & Technology Lahore. His area of research is numerical solutions of Ordinary Differential equations.



Ms. Mahwish Hassan
Lecturer

Ms. Mahwish is currently working as a Lecturer in Center for Applicable Mathematics and Statistics (CAMS) in Faculty of Management Studies. She did her M.Phil. in Statistics from Kinnaird College, Lahore and M.Sc. in Statistics from University of Peshawar. She started her professional career with very reputed educational institutes in Lahore including LACAS & LGS about 10 years ago. Her area of research is Self-Inverse Probability Model (Applied Statistics). She is teaching Business Statistics, Basic Mathematics and College Mathematics to BBA and MBA students.



Dr. Muhammad Umair Shahzad
Assistant Professor

Dr. Muhammad is currently serving as Assistant Professor in Faculty of Management Studies. He got his PhD in Mathematics from COMSATS University Islamabad, Lahore Campus. He has good research profile with 10 international impact factor research publications having 30 plus impact factor. In UCP, he teaches Basic Mathematics, College Mathematics, Business Statistics and Quantitative Analysis to MBA/BBA students. He has also got research productive award from CUI, Lahore Campus. His area of research is Einstein Theory of Relativity, Black Hole Physics, Astrophysics and Cosmology.



Engr. Nadeem Ayub Bhutta
Assistant Professor

Mr. Nadeem is an Assistant Professor in UCP Business School and teaches the courses of Operations Management, Quantitative Techniques, Research Methods, Statistics, and Marketing. He has been associated with University of Central Punjab for the past fourteen years. Besides being an Engineer from University of Engineering and Technology, Lahore, he is also M.Phil. and PhD Scholar from University of Central Punjab. He served as Deputy Controller of Examination for Faculty of Commerce for six years. He has conducted training workshops for various organizations and has developed techniques, processes & procedures for the development and manufacturing of products for various organizations including Government of Pakistan.

Center for English Language (CEL)

Center for English Language (CEL) is committed to develop English language proficiency of the students at the BBA and MBA levels at UCP. With the help of diverse English language courses offered, the center ensures that students are fully exposed to the four skills of the language and are also equipped with the latest trends in the area of organizational and business communication. The center aims to develop critical and analytical thinking among students, provide them with a platform for expressing themselves confidently and eloquently in formal and informal work situations along with empowering them to differentiate

between academic and technical writing. The taught courses at the BBA level include Reading Comprehension, Basic English Writing, Advanced English Writing and Communication Skills. At the MBA level students are supposed to study English Reading Comprehension, Advanced English Writing Advanced English Writing II and Communication Skills.

The Center for English Language (CEL) has also taken a new initiative to establish a Writing Center (WritCen) offering a portfolio of products such as writing clinics and open mic workshops to fine tune CV writing skills and

help students to oust their interview woes. In addition to this, WritCen also provides personalized, need based, crisp coaching and training sessions to the students from the graduating semesters enabling them to overcome any inhibitions in using language confidently beating all impediments in securing high value jobs when they pass out from the university. The competent and proficient faculty is dedicated to assist and motivate students, not only during classrooms but also guide them in one-on-one sessions with practical solutions.

Research and Teaching Faculty



Ms. Saima Bhaur
Senior Lecturer

Ms. Saima has secured her M.Phil. in English Language Teaching (ELT) from Kinnaird College, Lahore and Masters in English Literature from Government College, Lahore. She has over 18 years of teaching experience at the graduate and postgraduate levels. Her research area is ELT & Second Language Acquisition. She has also published papers in National and International Journals. Recently she presented her research at International conferences successfully. Earlier, she was associated with FC College and Fast University and conducted courses in Academic Writing and English for Specific Purposes respectively.



Ms. Ammen Younus
Lecturer

Ms. Ammen Younus is currently a permanent faculty member in Centre for English Language (CEL) at Faculty of Management Studies. A Language Engineer by profession, she has been a member of UCP fraternity from the past 3 years. Currently, overseeing the WritCen Society that offers a variety of professional development training programs. With an M.Phil. in Applied Linguistics from Kinnaird for Women, she has a range of professional experience, ranging from teaching Linguistics at Kinnaird College for Woman to assisting a team of Software Engineers in various Govt funded projects at UET's Language Engineering Center.



Center for General Education (CGE)

Center for General Education organizes a blend of courses to support the academic, social, personal, and professional development of Business graduates throughout their engagement with the University. The aim and objective of the general education is to help the undergraduates of the Faculty of Management Sciences (FOMS) to

widen their educational spectrum to acquire intellectual breadth and versatility, critical judgment, moral sensitivity, awareness of complexities of their era and society. They should become consciousness of the diversity of human culture and experience, and develop a working understanding of the processes by which they can continue

to acquire knowledge. The study of Pakistani culture, ethics and society is enriched by interdisciplinary courses of History, Sociology, Philosophy, Law & Politics. Foreign languages and cultures in particular Chinese have also been introduced to students.

Research and Teaching Faculty



Mr. Asad Tashfeen
Lecturer

Mr. Asad Tashfeen holds an Undergraduate in Political Science from LUMS and Master's in International Development from the University of Warwick, UK. His research interests include Political Parties and Voting Behavior, the Political Economy of Development and Educational reforms in Pakistan. At UCP, he teaches courses in the area of Political Science and Political History.



Ms. Javaria Qais Joiya
Assistant Professor

Ms. Javaria Qais Joiya is currently working as Director, Department of Sustainable Environment at UCP. She is responsible for the Sustainability of the Physical and Social environment at her University and teaches Business, Torts & Corporate Law, International Relations and Communication Skills to Undergraduate classes in the Faculty of Management Studies. Ms. Javaria trained with Al Gore (Former Vice President, USA) as Climate leader and a Mentor at the Climate Reality Project training sessions in USA and Australia. Two pictures of her work are printed in Al Gore's second book 'The Sequel to Inconvenient Truth'. She has also received certificates from Pope Francis for her environmental work and training with multi-religious communities in Pakistan. She has conducted many workshops and training sessions on the damages to the environment and mitigating the impacts of Climate Change with schoolchildren, women, motorway police, university students and youth. She has participated in many talk shows on TV and newspapers on the subject of Sustainability, Pollution, Environment and Climate Change.

Name	Designation	Qualification
Tayyaba Murtaza	Lecturer (Study Leave)	M.Phil. English (LCWU)

Center for Business & Financial Modeling (CBFM)

The Center for Business & Financial Modeling (CBFM) is housed within the UCP Business School. The center aims to engage in the following activities:

- Enable students to gain practical, real-time learning of business management through the use of

business simulation games.

- Prepare students for the decision making challenges in an increasingly complex business environment through the use of state-of-the-art forecasting, simulation and decision modeling

software.

- Promote and support integration and adoption of business simulation in business program curricula.

Research and Teaching Faculty



Dr. Muhammad Nasir Malik
Assistant Professor

Dr. Muhammad Nasir Malik has held active membership and prestigious CFA Charter holder status in 2009 and 2017. To further his academic and research interests, he pursued Doctoral degree in Finance. His career spans over 15 years during which he has worked on various finance positions in multinational organizations. He has also served as full-time faculty member in University of the Punjab and COMSATS Institute of Information Technology. He has participated in various national and international conferences and has published his research work in some prominent journals.

Center for Enterprise Systems Research (CESR)

The Center for Enterprise Systems Research (CESR) offers Enterprise Resource Planning (ERP) training to enrolled students of UCP Business School. The training program comprises of an extensive 36 hours and covers major business functional modules. The program is used to help students build a strong background in the fundamentals of enterprise integration and allied field whilst exposing them to current ERP

technologies. The mission of the center is to:

- Empower students through learning to address the challenges of leading increasingly dynamic, global and information intensive organizations
- Promote and support faculty and student engagement in interdisciplinary research,

consultancy projects, and curriculum development in the areas of enterprise systems (ES)

- Develop and maintain relationships with organizations that use or develop ES.
- Acquire and maintain state-of-the-art ES environments for research, teaching and training purpose

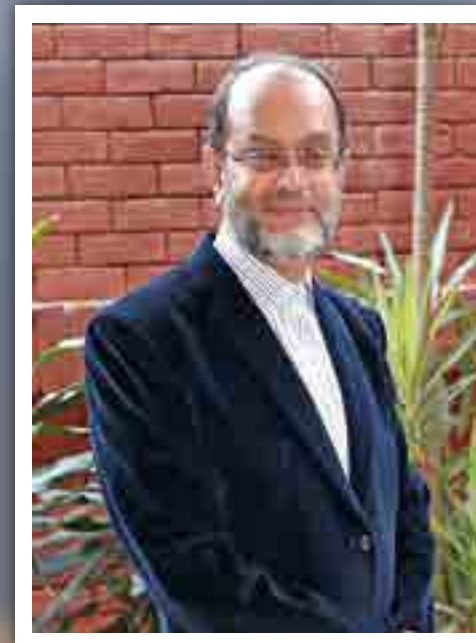
Research and Teaching Faculty



Mr. Haroon Ameen
Lecturer

Mr. Haroon has a Masters in Enterprise Resource Planning Systems (SAP) from Victoria University, Melbourne Australia. While in Australia, he worked as a Business Analyst on various information systems. He is currently the SAP Program Director for UCP FoMS.

Faculty of Information Technology



Dr. Shabbar Ahmad Kazmi
Dean

We have made major strides in 2016-17 - achieving significant improvements in the quality of teaching and increasing the breadth and inter-disciplinary nature of the research portfolio of the faculty. Our plans for the coming year are even more ambitious.

Our existing research centers continue to mature while the groundwork for new ones is in process. All research activity at FoIT is geared to realize our primary mission: analyze and diagnose problems encountered in the real world, conduct research and develop innovative, independently verifiable solutions. We bring the perspectives and powerful techniques of Computer Science to bear on Pakistan's particular socio-economic challenges, particularly in the fields of data science, game design, in healthcare and in security. In the process, we are further strengthening our linkages, both with the software industry and with institutions of higher education in Pakistan and abroad.

We have a very competent, experienced and qualified faculty at FoIT. All faculty members continuously strive to provide a quality learning experience to the students. We have a process in place to monitor student's progress and respond to any learning difficulties that students may face. The FoIT Learning Management System (FOITLMS) is a homegrown system at FoIT that facilitates online quizzes, assignments and exams. Students and teachers get immediate feedback on their quizzes.

These improvements translate into a new breed of computer science graduates - young women and men brimming over with energy, ambitious in their objectives, clear on the nature of the challenges facing society and quick to learn new concepts and technologies and thrive in challenging circumstances.

The Faculty of IT (FoIT) has been consistently achieving significant improvements in the quality of both undergraduate and postgraduate education by introducing emerging technologies to increase the breadth and depth of taught courses and research. The efforts have been highly applauded by the professional industry and research communities, thus, encouraging us to plan even more ambitiously for the coming year.

Our state-of-the-art research centers continue to mature while the groundwork for new ones is in process. The novel initiatives undertaken by the FoIT focus on addressing the issues specific to the socio-economic challenges and problems of Pakistan. We bring the perspectives and powerful techniques of computer science to the fields of data science, game design, learning design, healthcare, robotics and security. Our collaborations with national and international partners promise independently verifiable materialization of our vision to make Pakistan a leader in computer science and software development.

Our major source of strength is the competent, experienced and qualified members of faculty at FoIT. All faculty members continuously engage themselves in efforts to provide a quality learning experience to the students. We are proud to have introduced an indigenously developed online system to monitor students' progress on daily basis and enabling teachers to respond effectively and efficiently to any learning difficulties faced by the students. These improvements, brought in through the untiring efforts of our team, envisage a new breed of computer science graduates - young women and men brimming over with energy, ambitious in their objectives, clear on the nature of the problems and quick to learn new concepts and technologies. Abraham Lincoln said "only the test of fire makes fine steel" and I am sure that our gems will prove themselves in all challenging circumstances owing of the rigor and quality of education, which is a hallmark of FoIT.

I invite you to join us on this fascinating and exciting journey, unlock your potential, shrug off the conventional approaches and boldly create new realities and new opportunities for the next generations.



Faculty of Information Technology (FoIT)

The Punjab Institute of Computer Science (PICS) was established in 1993 with the aim of producing highly skilled graduates in the field of Information Technology. In 2002, having attained degree awarding status, the Institute became the Faculty of Information Technology (FoIT), University of Central Punjab.

FoIT shares the passion and objective of our parent organization, which is to serve the nation by producing outstanding IT professionals, through exceptional teaching, training and research activities. The goal of FoIT is to nurture students and enable them to establish successful careers as computer scientists, academics and entrepreneurs.

To meet the challenges posed by our rapidly changing world, the faculty's elective courses in combination with the core courses train students to take up positions in industry, groom them for perfection as researchers, and prepare them to tackle real-life challenges to make a meaningful impact on local communities.

Degree Programs Offered at FoIT

BS Computer Science
BS Software Engineering
MS Computer Science
PhD Computer Science

The strength of FoIT is its highly qualified faculty – with specialized training in various fields of Computer Science from renowned universities of USA, Australia,

UK, Sweden, France, Switzerland and Austria – dedicated to produce graduates and researchers with exceptional theoretical and practical skills in the field of Computer Science. The guidance and support extended by the faculty and administration during the entire learning experience of students has produced outstanding professionals, researchers and educators who are providing services in renowned national and international organizations.

Our well-equipped laboratories and state-of-the-art research facilities play a key role in the training and development of IT professionals. To facilitate this process of learning in theoretical and experimental skills, we have project-based as well as general-purpose laboratories. To facilitate R&D activities, faculty members and students are fully supported by the following research and development centers.

Research Centers at the Faculty of Information Technology

To make a meaningful impact on the IT industry, academia, and local communities, the Faculty of IT has launched six centers. These research and development centers are conducting research and developing cutting-edge solutions with the potential to transform the growing field of IT. A productive research is in progress in the areas of Machine Learning, Data Analytics, Healthcare, Robotics, Embedded Systems, Mathematics, Information Retrieval and Internet of Things. A brief description of these centers is as follows:



Mr. Mohsin Abbas

Director
PhD Candidate, Computer Science
(Natural Language Processing),
Open University, Netherlands.
MS, Communication Technology
(Microelectronics), University of
Ulm, Germany.
BS, Telecommunication
Engineering, FAST-NUCES, Lahore.



Dr. Ahmad Shabbar Kazmi

Director
PhD, Computer Engineering,
Boston University, USA
MS, Computer Engineering, Boston
University, USA



Dr. Adnan N. Qureshi

Director
PhD, Computer Science, University
of Bedfordshire, UK

Centre for Learning & Design

By leveraging technology, we can transform the educational landscape of Pakistan and make education more effective, accessible and affordable for all students. With this vision, the Faculty of IT at UCP launched the Center for Learning Design in March 2016. The Center aims to radically change the field of education and revolutionize the methods of imparting education and facilitates students at all levels of educational attainment with special attention paid to developing affordable educational tools and applications using m-learning concepts for students from under-served communities.

The Center takes pride in the development of the following educational tools:

1. Learning Management System (LMS) for FoIT (foitlms.ucp.edu.pk).
2. UCP Business School LMS (biz.ucp.edu.pk).
3. Hypermedia Learning System for English Language (hl.ucp.edu.pk)
4. UCP Zero Semester for Computing and Mathematics (zs.ucp.edu.pk)
5. Classroom Response System of Automatic Quizzes

The entrance exams of BSCS, MSCS, PhD (CS), MS (Management), MPhil (Management) and PhD (Management) are also conducted by the Center for Learning Design.

Center for Game Design

The Faculty of IT at UCP has launched Pakistan's first game design center to facilitate students who want to specialize in game design, especially in the EdTech space. This first of its kind center is helping further to diversify the IT industry of Pakistan to enter the global game design market and building linkages between the computer game industry, computer scientists and instruction designers in academia. The primary focus of this Center is on developing educational games and learning applications that provide an immersive experience where learners gain an intuitive understanding of critical building blocks in mathematics, kinematics and language learning. These solutions are currently being refined using feedback from the target user base - students, primarily in grades 6 through 8.

In addition to introducing game design programs at multiple levels of education, the Center aims to conduct research and support entrepreneurs to promote the local game industry. It supports individuals who aspire to become entrepreneurs by providing them with various resources, mentorship and even in developing and marketing their products. The Center provides the perfect platform to students from all disciplines to start their careers in the computer game industry.

Center for Healthcare Modeling & Informatics

The Faculty of IT at UCP has initiated state-of-the-art informatics research for improving public health practices across a number of methodological disciplines, particularly Health Informatics, Bioinformatics, Biostatistics, Machine Learning, Computer Vision, Computer Science and Software Engineering. The focus of the research within the Centre is on development of intelligent solutions at undergraduate, graduate and PhD levels to support evidence-based healthcare and to develop methodologies for utilizing Information and Communication Technologies to improve the quality of health care.

The Center, hence, provides an e-infrastructure for health research, connecting a rich

variety of investigators (clinical, public health and health services, computer scientists and engineers) with relevant analytical and modeling tools and large-scale aggregations of data, to establish broad-range medical applications.

Conseil for Mathematics, Teaching and Research

Major challenge universities around the world face, is poor learning achievement in mathematics courses. The faculty recognizes this fundamental problem and has moved to address it with the establishment of the Centre for Mathematics Teaching and Research, the first of its type in our country. We believe that every student in Pakistan can learn mathematics - appreciate the beauty behind it and use it to solve daily life as well as challenging problems.

We find a general disconnect between abstract representations and the range of real-life scenarios that such representations apply to. This is a direct consequence of the prevalent attitude towards teaching and assessment with its focus on formulae, numerical accuracy and correct application of prescribed method.

The Center aims to re-introduce the sheer, joy of learning in a new and incredibly powerful language.

We are thus aligned with David Wheeler's succinct statement of intent; it is "more useful to know how to mathematize than to know a lot of mathematics".

Centre for Robotics & Security

The Center for Robotics & Security focuses on solving real-life challenges and enabling students to hone their skills with hands-on experience. At the Centre, students experiment with land-based and aerial robots, building machines with increasing levels of sophistication, such that the most advanced models, incorporating artificial intelligence, can play football or undertake surveillance tasks. The designing, modelling and controlling methods taught at the Center equip the students with the skill set to enter the industry with confidence.

Recently, the Center has started developing autonomous robots and remotely operated machines to address a wide variety of security challenges. One of the initiatives launched by this Center is to provide a comprehensive security solution to educational institutions. The Center is also running projects to automate agriculture, which is the backbone of the country. Visits by members of the Center to collaborating European research institutes and vice versa are a regular feature of the Center's work.



Prof. Dr. Shahid S. Siddiqi

Director
PhD Computational Mathematics,
Brunel University



Dr. Atif Mehdi

Director
PhD, University of Kaiserslautern,
Germany



Department of Computer Science

Computer Science, as a dynamic discipline positioned at the crossroads of many fields in Mathematics, Science and Engineering, brings together theory and abstraction coupled with the design of computing devices and software to solve diverse real-life problems.

The Department of Computer Science aims to train the next generation of computer scientists in broad scientific and technical skills needed to take up careers in the industry, academia and as entrepreneurs.

The main objective of the programs is to help students in developing core knowledge of principal areas of computer science including theory of algorithms, data structure, software design, concepts of programming languages and computer architecture.

'Novel blend of technology and pedagogy'

The achievement of more than two decades of industry-led and innovative teaching, the FoIT has endeavored, yet again, to offer a blend of pedagogy and technology leading to immersive

learning of students. The flipped classroom model, hypermedia-based activities and interactive sessions provide an intellectually challenging environment conducive to high-quality learning and hands-on experience. The students, thus, feel more confident of the theoretical concepts and their real-world applications enabling them to earn distinctive positions in their professional careers.

Computing Facilities

In order to provide students with state-of-the-art facilities, FoIT is

supported by an extensive lab set-up which includes 8 teaching, 4 research and 3 general labs equipped with latest computers from Dell, HP, Sun, Apple, and IBM. In addition, FoIT has also established one hardware lab to address the growing needs of the faculty. These well-equipped laboratories play a pivotal role in nurturing our graduates. More than 1700 computers, an in-house ISP, virtual labs, research Centers and campus wide network connectivity and computing infrastructure maintained by highly qualified technical and

support staff are available to students.

Societies

We strongly believe that co-curricular activities play a very important role in the overall development of our students. To promote this culture, we encourage our students to join professional societies such as Institute of Electrical and Electronics Engineers (IEEE), Association for Computing Machinery (ACM) and Microsoft Student Partner (MSP). These platforms not only connect our students with computing professionals

around the world but also serve to showcase their potential. FoIT has organized various seminars and workshops in collaboration with IEEE, ACM and MSP, including sessions on Windows 8 Programming, C#, ASP.net, Drupal CMS, wireless sensor networks, internet protocols and future challenges. In addition, gaming and programming competitions is also a regular feature of faculty activities.

Research and Teaching Faculty



Dr. Ahmad Shabbar Kazmi
Professor, Dean Faculty of Information Technology

Dr. Ahmad has completed his MS, PhD, Computer Engineering from Boston University, USA. He has about 22 years' experience (including 13 years University level teaching) of Object Oriented Software and Solution Architecture, design and development. His experience includes working as Technical Lead and Software Architect, in United States and Canada on various million-dollar software projects.

In 2014, he joined FoIT as Head of Computer Science Department of UCP. His research interests include High-performance Computing, Software Engineering and Event Forecasting including Fault Prediction in Telecommunication networks. He has been leading the Faculty as Dean since Spring 2018.



Dr. Muhammad Amjad Iqbal
Associate Dean

Dr. Muhammad Amjad PhD in Computer Science from NU-FAST, Islamabad. He has been teaching for more than seven years at various renowned Universities of Pakistan before joining UCP in October 2010. He has completed his Post-Doctoral studies in Signal and Image Processing Lab, GIST, Gwangju Korea. His major areas of interest include Machine Learning, Fuzzy Logic, Evolutionary Function Optimization, Digital Watermarking, Digital Image Processing, Homogeneous and Heterogeneous combination of Classifiers. He has supervised one PhD student and many MS Thesis. He has published various journal papers and the conference papers as well.



Dr. Adnan N. Qureshi
Assistant Professor, HOD (Computer Sciences)

Dr. Adnan N. Qureshi has PhD (CS) from Institute for Research in Applicable Computing (IRAC), University of Bedfordshire, UK. His research areas include Artificial Intelligence, Bio-Medical Image and Signal Processing, computer vision, machine learning and autonomous systems. With more than 19 years of teaching experience in higher education institutions, he has been part of MyHealthAvatar and CHIC projects, both funded by the EU.

Dr. Qureshi is currently involved in promoting research and scholarly pursuits as well as management of research teams within the Centers for Research in FOIT: Healthcare Modelling and Informatics, Game Design, Learning Design and Robotics & Security. Dr. Qureshi is also Director of the Centre for Healthcare Modelling and Informatics and has published peer-reviewed research at multiple international venues.



Prof. Dr. Shahid S. Siddiqi
Professor, HOD (Mathematics)

Dr. Shahid S. Siddiqi is Professor/HOD Mathematics and Director Conseil for Mathematics Teaching and Research, FOIT. Prof. Dr. Shahid S. Siddiqi has joined FOIT, in March, 2017. Before joining UCP, he was Director General, Abdus Salam School of Mathematical Sciences, GC University Lahore. He retired from University of the Punjab, Lahore, in May 2013 as Chairman



Dr. Syed Karrar Haider
Associate Professor, HOD (Humanities and Social Sciences)

Dr. Karrar earned his PhD in Physics from PU and M.Sc. Physics from GC, Lahore. Besides Physics, he did Masters in History from PU and secured Diploma of Interpreter-ship in Persian Language from NUML (Islamabad), as well. He did this while serving in Pakistan Army Education Corps. He has been working as Scientific Officer at PAEC and Kahuta Research Laboratories. He has the experience of teaching in Punjab Edn Dept, NUST, FAST and GIFT. Here at UCP, he is the Patron of MUN, a Member of the Varsity Talent Award Committee. He is the Chief Editor of University's Six- Monthly Bi-Lingual Magazine- Musings (Tafakkur).



Dr. Nauman Mazhar
Associate Professor

Dr. Nauman completed his MS and PhD in Computer Engg from Iowa State University, USA, and CASE, Islamabad, respectively. During PhD, he also worked as research scholar in Electrical & Computer Engg Dept, Michigan State University, USA. His research has been in the domain of Wireless Networks and Nature Inspired Computing; worked on Artificial Immune System security and MANET routing protocols. He has served in Air Force Engineering branch and taught at NUST. His current research is on Internet of Things along with teaching Computer Networks and Network Security related courses at graduate and undergraduate level.



Mr. Shafiqur Rahman
Associate Professor

Mr. Shafiqur Rahman has been in academics for almost 15 years. He has taught Computer Science and Engineering courses, both at graduate & undergraduate levels. Prior to that, he worked in the Software Industry at a senior technical design position for five years. He has been involved in the localization of computing. His primary interests lie in algorithms and programming.



Prof. Liaquat Majeed Sheikh
Associate Professor

Mr. Liaquat Majeed Sheikh is teaching as Associate Professor in FOIT since 2012. He has Masters in Mathematics and Computer Sciences from Punjab and Quaid-e-Azam Universities. Mr. Liaquat has more than 35 years of experience in managing computer centers, teaching computer sciences and developing different business and engineering software. He has worked as a consultant to GTZ, a German foundation which was helping to WAPDA to locate hydro power sites on mighty Indus River. Mr. Liaquat has taught computer sciences in Libyan University, Pak-Aims, and FAST, Lahore Campus. His primary research interests are in Data Mining and Machine Learning.



Dr. Syed Atif Mehdi
Assistant Professor

Dr. Syed Atif Mehdi received his PhD from University of Kaiserslautern, Germany in the field of robotics. He has experience with Indoor Robots, Flying Robots and Robots for Agriculture. He is leading internationally funded research projects in collaboration with Universities in Germany. His research group has won many prizes in various competitions. His research interests include development of autonomous robots that can perceive environments around them and perform various tasks according to dynamics of situation.



Prof. Suheyl Umer
Professor

Muhammad Suheyl Umar, Professor of Social Sciences, specializes in Philosophy, Language & Literature (English, Urdu, Arabic and Persian), Comparative Religion, Islamic Spirituality, Interfaith Dialogue, Religion & Science Interface, Iqbal Studies and Islamic Intellectual History. He is an accomplished translator of three languages and a computer bureaucrat who has produced two Software Programs (one of these is still the only True Multilingual Library Software in the world) besides doing all the Urduvization of Microsoft Office and Microsoft Windows.



Dr. Abdul Rauf Nizami
Associate Professor

Dr. Abdul Rauf Nizami has been working as Associate Professor of Mathematics in FOIT, since November 2017. He received his M.Sc. degree from University of the Punjab, Lahore, in 1995 and PhD degree from Abdus Salam School of Mathematical Sciences, GC University, Lahore, in 2009. He has 15 experience of teaching in various renowned institutes of the country. His research interests include Knot Theory, Analysis and Algebraic Graph Theory. He has published more than 40 research papers and has supervised 23 M.Phil. students.



Dr. Muhammad Umair
Assistant Professor

Dr Muhammad Umair has teaching and industrial experience of more than 10 years. He has joined UCP in August 2014. He is currently serving as Assistant Professor along with an additional charge of Director Graduate Program at Faculty of Information Technology. His research interest includes applications of computational intelligence methods in the areas of image processing, data sciences and cryptography.



Dr. Oumair Naseer
Assistant Professor

Dr. Oumair has completed his PhD in Engineering from University of Warwick, UK. His research expertise are in Blockchain Aware Microcontroller, Architecture, System on Chip and Embedded Systems. His industrial collaboration is on Green energy based building Management Systems. He is a part of UCP since 2016 dealing with hardware stream courses.



Mr. Imran Arshad Chaudhry
Assistant Professor

Imran Arshad Choudhry has been a part of Faculty of Information Technology since 2012. He has been actively involved in departmental academic and administrative activities. As a Director Undergraduate Program, he is responsible for pre-semester planning, ongoing student's enrollment and student affairs. He is also involved in curriculum re-designing and teaching of courses in Programming and hardware domain. His research passion is Medical Imaging using Machine Learning.



Mr. Mohsin Abbas
Assistant Professor

Mr. Mohsin Abbas joined UCP in January 2013. He has over 11 years of teaching experience. He is currently doing his PhD from Open University in the Netherland. His research areas include Natural Language Processing and Big Data Analysis. Along with working at UCP as an Assistant Professor, he is also serving as the Director, Center for Learning Design. He did his Masters from University of Ulm, Germany and Bachelors from FAST, Lahore. He has also worked as Software Engineer at Nokia, Ulm Germany for two years.



Mr. Zaid Munir
Assistant Professor

Mr. Zaid Munir has over a decade of experience in academics and has been associated with FoIT for the past 6 years. He has first class Master's degree in Telecommunication. He won a gold medal for his academic performance in his Bachelor's degree in Telecommunication from NUCES FAST. His current interests are highly focused on Blockchain R&D. He is leading international projects in the said field.

Bachelors of Computer Science (BSCS)

The BSCS program is aimed at developing sound foundations in the key areas of computer science. The theoretical and practical knowledge imparted to students during their degree program enables them to solve real-world problems using computing techniques. The program has been designed keeping in view the emerging needs of the software industry. It meets all the requirements laid down by Higher Education Commission (HEC) of Pakistan.

With the help of the broad range of courses offered, students become proficient in computer applications, modern theoretical aspects of computer science, problem-solving skills, programming techniques and efficient utilization of tools used to develop computer applications aiming at finding fast and efficient solutions to the real world problems. Students are kept updated on the current and modern trends in the field of computer science through seminars, workshops, competitions, specialized courses and lectures organized by various societies of FoIT.

Our successful graduates are equipped with all the necessary skills to be able to apply their computer science knowledge and skills in advancing their careers and for the overall benefit of society and technical community.

Program Requirements and Options

Eligibility Criteria	1.	At least 50% marks in Intermediate (HSSC) examination with Mathematics or equivalent qualification with Mathematics certified by IBCC.
	2.	Applicant will clear UCP test or equivalent.
Minimum Duration	04 Years	
Maximum Duration	07 Years	
Minimum Credit Hours	132	
Degree Completion Requirement	Minimum CGPA of 2.00	

Course Categories

##	Category	Credit Hours
1	Computing	
	Core	39
	Math & Science Foundation	12
	University Elective	12
	General Education	21
2	Computer Science	
	Core	24
	Electives	15
	Supporting	9
Total Credit Hours		132

Sample Course Plan for BS Computer Science

Year -1

Semester 1

S. No.	Course	Cr. Hrs.	Type
1	Intro to Computer Science	3 + 1	GE
2	Logic Thinking [UCP-Elective-I]	3	Uni Elective
3	Functional English	3 + 1	GE
4	Basic Electronics	3	MT
5	Islamic Studies	2	GE
Total		16	

Semester 2

S. No.	Course	Cr. Hrs.	Type
1	Programming Fundamentals	3 + 1	C Core
2	Digital Logic Design	3 + 1	CS Core
3	Calculus and Analytical Geometry	3	MT
4	Communication Skills	3	GE
5	Pakistan Studies	2	GE
Total		16	

Year - 2

Semester 3

S. No.	Course	Cr. Hrs.	Type
1	Object Oriented Programming	3 + 1	C Core
2	Computer Organization and Assembly Lang.	3 + 1	CS Core
3	CS-Supporting-I	3	CS Support
4	Discrete Structures	3	C Core
5	[UCP Elective-II]	3	Uni Elective
Total		17	

Semester 4

S. No.	Course	Cr. Hrs.	Type
1	Probability and Statistics	3	MT
2	Data Structures	3 + 1	C Core
3	Introduction to Database	3 + 1	C Core
4	Linear Algebra	3	MT
5	CS Elective - I	3	CS Elective
Total		17	

List of Courses – BS Computer Science (Tentative Roadmap)

Year - 3				Year - 4			
Semester 5				Semester 6			
S. No.	Course	Cr. Hrs.	Type	S. No.	Course	Cr. Hrs.	Type
1	Software Engineering	3	C core	1	Theory of Automata	3	CS Core
2	Operating Systems	3 + 1	C Core	2	Artificial Intelligence	3 + 1	CS Core
3	CS-Supporting-II	3	CS Support	3	Computer and Communication Networks	3 + 1	C Core
4	CS-Elective-II	3	CS Elective	4	CS-Elective-III	3	CS Elective
5	Design & Analysis of Algorithms	3	CS Core	5	Technical and Business Writing	3	GE
Total		16		Total		17	

Year - 4				Year - 5			
Semester 7				Semester 8			
S. No.	Course	Cr. Hrs.	Type	S. No.	Course	Cr. Hrs.	Type
1	Compiler Construction	3	CS core	1	Parallel and Distributed Computing	3	CS Core
2	Information Security	3	C Core	2	Professional Practices	3	GE Core
3	CS-Supporting-III	3	CS Support	3	CS elective-V	3	CS Elective
4	[UCP elective-III]	3	Uni Elective	4	[UCP elective-IV]	3	Uni Elective
5	CS Elective - IV	3	CS Elective	5	Senior Design Project	3	C Core
6	Senior Design Project	3	C Core				
Total		18		Total		15	
Grand Total				132			

Legends

Computing Core = C Core, Math Science Foundation = MT, General Education = GE, University Elective = Uni Elective, Computer Science Core = CS Core, Computer Science Supporting = CS Support, Computer Science Electives = CS Elective

Computing-Core

Sr. No	Courses	Cr. Hrs
1	Programming Fundamentals	4
2	Object Oriented Programming	4
3	Data Structures and Algorithms	4
4	Discrete Structures	3
5	Introduction to Database Systems	4
6	Operating Systems	4
7	Software Engineering	3
8	Computer Networks	4
9	Information Security	3
10	Project – I	3
11	Project – II	3
TOTAL CR. HRS		39

General Education

1	English Language – I	4
2	English Composition	3
3	Islamic & Religious Studies	2
4	Introduction to Computer Science	4
5	Pakistan Studies	2
6	Technical & Business Writing	3
7	Professional Practices	3
TOTAL CR. HRS		21

Math Science Foundation

1	Calculus – I	3
2	Linear Algebra	3
3	Probability & Statistics	3
4	Basic Electronics	3
TOTAL CR. HRS		12

University Electives

1	UCP Elective – I	3
2	UCP Elective – II	3
3	UCP Elective – III	3
4	UCP Elective – IV	3
TOTAL CR. HRS		12

Computer Science-Core

Sr. No	Courses	Cr. Hrs
1	Digital Logic Design	4
2	Computer Organization & Assembly Language	4
3	Compiler Constructions	3
4	Design & Analysis of Algorithms	3
5	Theory of Automata	3
6	Parallel & Distributed Computing	3
7	Artificial Intelligence	4
TOTAL CR. HRS		24

Computer Science-Supporting

1	CS Support-I	3
2	CS Support-II	3
3	CS Support-III	3
TOTAL CR. HRS		9

Computer Science Electives

1	CS Elective – I	3
2	CS Elective – II	3
3	CS Elective – III	3
4	CS Elective – IV	3
5	CS Elective – V	3
TOTAL CR. HRS		15

Details of Computer Science-Supporting

(Any 03 of the following)

1	Differential Equations
2	Multivariable Calculus
3	Graph Theory
4	Theory of Programming Languages
5	Numerical Computing

Total Courses

Computing Core	9 Courses + Project
Math Science Foundation	4
General Education	7
University Elective	4
Computer Science Core	7
Computer Science Supporting	3
Computer Science Electives	5
Total	39 + Project



Bachelor of Science Software Engineering (BSSE)

The BSSE program is aimed at training students in all aspects of software development life cycle, from specification through analysis and design to testing, maintenance and evolution of software products. The program is coherent with the requirements of accreditation bodies (HEC), while meeting the industry standards.

Software Engineering is the application of systematic, disciplined and quantifiable approach to design, development, operation, and maintenance of software systems. The broad range of courses offered in BSSE program will educate students on the design and implementation of large, reliable, efficient and economical software by applying the principles and practices of software engineering. Students will be ready to meet the challenging requirements of building today's complex software systems and applications.

Our successful graduates will have the necessary skills to apply their software engineering knowledge for advancing their careers, as well as for overall benefit of the society, along with technical community.

Program Requirements

Eligibility Criteria	1. At least 50% marks in Intermediate (HSSC) examination with Mathematics or equivalent qualification with Mathematics certified by IBCC.
	2. Applicant will clear UCP test/NTS/HAT.
Minimum Duration	04 Years
Maximum Duration	07 Years
Minimum Credit Hours	132
Degree Completion Requirement	1. CGPA of at least 2.0 on a scale of 4.0
	2. Passed all the prescribed courses (totaling at least 132 credit hours)

Course Categories

##	Category	Credit Hours	
1	Computing		
	Core	39	84
	Math & Science Foundation	12	
	University Elective	12	
	General Education	21	
2	Software Engineering		
	Core	24	48
	Electives	15	
	Supporting	9	
Total Credit Hours			132

Sample Course Plan for BS Software Engineering

Year 1 - Semester 1

S. No.	Course	Cr. Hrs.
1	Introduction to Computing	3 + 1
2	English Composition & Comprehension	3 + 1
3	Calculus & Analytical Geometry	3
4	Basic Electronics	3
5	Pakistan Studies	2
Total		16

Year 2 - Semester 2

S. No.	Course	Cr. Hrs.
1	Programming Fundamentals	3 + 1
2	Communication & Presentation Skills	3
3	Discrete Structures	3
4	Software Engineering	3
5	Islamic Studies	2
6	University Elective - I	3
Total		18

Year 2 - Semester 3

S. No.	Course	Cr. Hrs.
1	Object Oriented Programming	3 + 1
2	Software Requirement Engineering	3
3	Human Computer Interaction	3
4	Linear Algebra	3
5	University Elective-II	3
Total		16

Year 2 - Semester 4

S. No.	Course	Cr. Hrs.
1	Data Structures & Algorithms	3 + 1
2	Software Design & Architecture	2 + 1
3	Probability and Statistics	3
4	SE Supporting –I	3
5	Technical and Business Writing	3
Total		16

Year 3 - Semester 5

S. No.	Course	Cr. Hrs.
1	Operating Systems	3 + 1
2	Database Systems	3 + 1
3	Web Engineering	3
4	University Elective –III	3
5	SE Supporting - II	3
Total		17

Year 3 - Semester 6

S. No.	Course	Cr. Hrs.
1	Software Quality Engineering	3
2	Computer Networks	3 + 1
3	Professional Practice	3
4	Software Construction and Development	2 + 1
5	SE Elective – I	3
6	SE Supporting –III	3
Total		19

Year 4 - Semester 7

S. No.	Course	Cr. Hrs.
1	Information Security	3
2	Software Project Management	3
3	Software Re-Engineering	3
4	SE Elective -II	3
5	SE Elective - III	3
6	Final Year Project - I	3
Total		18

Year 4 - Semester 8

S. No.	Course	Cr. Hrs.
1	SE Elective – IV	3
2	SE Elective – V	3
3	University Elective - IV	3
4	Final Year Project - II	3
Total		16

Computing - Core

Sr. #	Course Title	Cr. Hrs
1	Programming Fundamentals	4
2	Object Oriented Programming	4
3	Data Structures & Algorithms	4
4	Discrete Structures	4
5	Operating Systems	4
6	Database Systems	4
7	Software Engineering	3
8	Computer Networks	4
9	Information Security	3
10	Final Year Project - I	3
11	Final Year Project - II	3
Total		39

General Education

1	English Composition & Comprehension	4
2	Technical & Business Writing	3
3	Communication & Presentation Skills	3
4	Professional Practices	3
5	Introduction to Computing	4
6	Pakistan Studies	2
7	Islamic Studies/ Ethics	2
Total		21

University Elective

1	Uni-Elective I	3
2	Uni-Elective II	3
3	Uni-Elective III	3
4	Uni-Elective IV	3
Total		12

Mathematics and Science Foundation

Sr. #	Course Title	Cr. Hrs
1	Basic Electronics	3
2	Calculus & Analytical Geometry	3
3	Linear Algebra	3
4	Probability & Statistics	3
Total		12

Software Engineering Core

1	Human Computer Interaction	3
2	Software Construction & Development	3
3	Software Design & Architecture	3
4	Software Project Management	3
5	Software Quality Engineering	3
6	Software Re-Engineering	3
7	Software Requirements Engineering	3
8	Web Engineering	3
Total		24

Software Engineering Supporting

1	Business Process Engineering	3
2	Formal Methods in Software Engineering	3
3	Operations Research	3
4	Simulation and Modeling	3
5	Stochastic Processes	3
Total (Any THREE of the above)		9

Software Engineering Elective

1	SE-Elective I	3
2	SE-Elective II	3
3	SE-Elective III	3
4	SE-Elective IV	3
5	SE-Elective V	3
Total		15

MS Computer Science

The MSCS program aims at extending the knowledge imparted to students during their undergraduate studies in computer science. This program introduces them to advanced topics in the domains of computation theory,

algorithms, software engineering, computer networks, intelligent systems and image processing. Our graduate students benefit from participation in various research centers of the faculty where they receive training in scientific

research methods applied to their area of interest and gain exposure to the larger scientific enterprise to which the faculty contributes.

Program Requirements and Options

Eligibility Criteria	1. Must have at least 2.00 CGPA or 60% marks in BS Computer Science/Software Engineering/Information Technology or equivalent.
	2. Candidate must pass NTS GAT-General or UCP Admission Test
	3. Candidate must qualify interview to be eligible for admission
	4. Student must have studied at least five of the following nine courses. The remaining courses not studied earlier (maximum four), will have to be completed after getting admission and before registering MS courses.
	i. Analysis of Algorithms
	ii. Assembly Language / Computer Architecture
	iii. Computer Networks
	iv. Programming Fundamentals
	v. Data Structures
	vi. Database Systems
vii. Operating Systems	
viii. Software Engineering	
ix. Theory of Automata	
Minimum Duration	02 years
Maximum Duration	03 years
Minimum Credit Hours	30
Degree Completion Requirements	Total Credit Hours = 30 {(8 Courses + Dissertation) or (09 Courses + MS Project)}
	Minimum CGPA of 2.50
Specializations	Software Engineering, Intelligent Systems, Network & Security, Computer Vision, Game Theory, Robotics, Embedded Systems

Core Courses (at least 12 Credit Hours)

Sr. #	Course Title	Cr. Hrs
1	Advanced Algorithms Analysis	3
2	Advanced Theory of Computation	3
3	Advanced Operating Systems	3
4	Advanced Computer Architecture	3
5	Theory of Programming Languages	3

Elective Courses

(12 Credit Hours + 6 Credit Hours Dissertation) or (15 Credit Hours + 3 Credit Hours MS Project)

*University may add/drop elective courses

Sr. #	Course Title	Cr. Hrs
1	Advanced Software Engineering	3
2	Software Quality Assurance	3
3	Requirements Engineering	3
4	Formal Methods	3
5	Formal Specification and Design Techniques	3
6	Digital Image Processing	3
7	Digital Signal Processing	3
8	Fuzzy Intelligence	3
9	Machine Learning	3
10	Parallel Computing	3
11	Distributed Systems	3
12	Theory of Programming Languages	3
13	Advanced Database Systems	3
14	Data Mining	3
15	Data Warehousing	3
16	Information Retrieval Techniques	3
17	Mobile Communication Systems	3
18	Network Security	3
19	Multimedia Systems	3

20	Algorithmic Graph Theory	3
21	Software Project Management	3
22	Computer Vision	3
23	Robotics	3
24	Pattern Recognition	3
25	Fuzzy Automata and Languages	3
26	Advanced Compiler Techniques	3
27	Advanced Data Mining	3
28	Multimedia Database Systems	3
29	Advanced Computer Networks	3
30	Systems Modeling and Simulation	3
31	Dynamic Modeling and Algorithms	3
32	Operations Research-I	3
33	Natural Language Processing	3
34	Stochastic Processes	3
35	Genetic Algorithms	3
36	Operations Research-II	3
37	Distributed Knowledge Engineering	3
38	Advanced Topics in Formal Methods	3
39	Real Time Systems	3
40	Wireless Networks	3
41	Geometric Modeling for Curve Designing	3
42	BioMedical Signal and Image Processing	3
43	Topics in Statistical Natural Language Processing	3
44	Information Retrieval and Web Search Engine	3
45	Design of Interactive Learning Applications	3
46	Mobile Robotics	3
47	Dissertation-I	3
48	Dissertation-II	3
49	Research Methodology	3
50	MS Project	3



PhD Computer Science

The core of graduate studies in FoIT is based on innovative research and continuous development in the field of computer science. Every year we induct inquisitive minds interested in pushing the limits of computer science and provide them with an environment through conventional

and unconventional teaching to help them identify areas of research, define milestones and achieve their goals. Well-structured and relevant coursework is offered in order to prepare students for research. Students who have already completed their MS/M.Phil. in computer science with

research work are further mentored to identify and solve advanced research problems in their disciplines of interest. Through this rigorous process, students are trained to independently formulate and develop creative solutions to novel as well as existing problems.

Program Requirements and Options

Eligibility Criteria	<ol style="list-style-type: none"> 1. A candidate must have at least 3.00 CGPA in MS or M.Phil. Computer Science 2. Candidate must pass NTS GAT-Subject or UCP Admission Test 3. Candidate must qualify interview to be eligible for admission
Minimum Duration	03 years
Maximum Duration	07 years
Minimum Credit Hours	48

Program Structure

The students enrolled in the PhD Program are required to complete 48 credit hours after their Master degree. The break-up of the credit hours is:
 Course Work = 8 Credit Hours
 Research Work = 30 Credit Hours

Research Areas

The university offers doctoral degree in the following research areas:

Software Engineering, Intelligent Systems, Network Technologies, Information Retrieval, Robotics, Medical Imaging, Machine Learning, Computer Vision

Degree Completion Requirements

For successful completion of the degree, a scholar should fulfill the following requirements:

1. Maintain a minimum CGPA of 3.00 in the Course Work
2. Qualify the comprehensive examination
3. Defend the research proposal
4. Publish at least one research paper relevant to the research area in an HEC approved Journal
5. Pass the public thesis defense
6. Other minimum requirements set by HEC

Faculty of Engineering



Prof. Dr. Muhammad Akram Tahir
Dean

Faculty of Engineering comprises of three departments Civil Engineering, Electrical Engineering and Mechanical Engineering. The main objective of the Faculty of Engineering is to produce highly efficient engineers by providing best possible academic training in a conducive environment. The Faculty has developed its infrastructure in accordance with the guidelines of Pakistan Engineering Council (PEC). The students experience regularly the upgraded laboratories, well-stocked libraries, classrooms with modern teaching aids to introduce them to the most recent analytical techniques and technological developments in their respective fields. Students have ample opportunities to associate themselves with highly qualified faculty, which is actively engaged in a number of professional activities.

Outcome Based Education & Assessment system (OBE & OBA) is being implemented to prepare the graduates to meet the international standards. The curriculum of all three departments has been developed based on the guidelines issued by HEC.

Pakistan Engineering Council Accreditation Status

B.Sc. Electrical Engineering

Accredited for Batches till 2015.

Batches 2014 and 2015 accredited on level II (Washington Accord)

For verification, refer to the PEC- website. (www.pec.org.pk).

B.Sc. Mechanical Engineering

Accredited for Batches till 2015.

Batches 2014 and 2015 accredited on level II (Washington Accord)

B.Sc. Civil Engineering

Accredited for Batches till 2014

Accreditation as per Washington Accord is in process for Batch 2015

Electrical Engineering Department

Electrical engineering department at the University of Central Punjab takes pride in providing highest quality training and education to our students. Accredited by Pakistan Engineering Council for over a decade, we are one of the leading electrical engineering departments in the city and one of the very few in the country to achieve level-II (Washington Accord) accreditation. We have state of the art fully equipped laboratories and world class faculty including 12 PhD faculty members having qualified from Italy, Germany, Austria, UK, USA, and China. Our graduates have made their marks at national and international levels.

Program Educational Objectives (PEOs)

The Program Educational Objectives (PEOs) of the department have been

finalized in consultation with the stakeholders. It has been mutually agreed upon that the graduates of the program of B.Sc. Electrical Engineering shall be equipped with ethics, skills and knowledge related to key domains within electrical engineering that is required to perform and excel in industry. The main objectives of this program are to produce engineers who can:

- **PEO 1:** Work productively as Electrical Engineers exhibiting technical knowledge and problem solving skills in the industry and academia.
- **PEO 2:** Analyze and provide engineering solutions with socio-environmental awareness and ethical responsibility.
- **PEO 3:** Perform professional

duties individually or in a team, following project management procedures with effective communication skills.

- **PEO 4:** Avail learning opportunities, keeping abreast with usage of modern tools to maintain and enhance professional growth.

The Executive Committee of the University has approved these PEOs. While defining the PEOs, the University's vision, mission and the requirements of employers have been considered. The PEOs are shared on the University website (www.ucp.edu.pk) and a copy is included in the Students Orientation kit and are displayed at various locations in the department.

Program Learning Outcomes (PLOs)

The Program Learning Outcomes (PLOs) provided in the "PEC OBA Manual of Accreditation 2014" have been adopted for all three engineering undergraduate programs of the Faculty. The PLOs are listed as under:

PLO 1. Engineering Knowledge:

An ability to apply knowledge of Mathematics, Science, Engineering Fundamentals and an Engineering specialization to the solution of complex engineering problems.

PLO 2. Problem Analysis: An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural Sciences and Engineering Sciences.

PLO 3. Design/Development of Solutions: An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.

PLO 4. Investigation: An ability to investigate complex engineering problems in a methodical way including literature survey, design & conduct of experiments, analysis & interpretation of experimental data and synthesis of information to derive valid conclusions.

PLO 5. Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, modern engineering and IT tools including prediction & modeling to complex engineering activities with an understanding of the limitations.

PLO 6. The Engineer and Society: An ability to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal, cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.

PLO 7. Environment and Sustainability: An ability to understand the impact of professional engineering solutions in societal & environmental contexts and demonstrate knowledge of need for sustainable development.

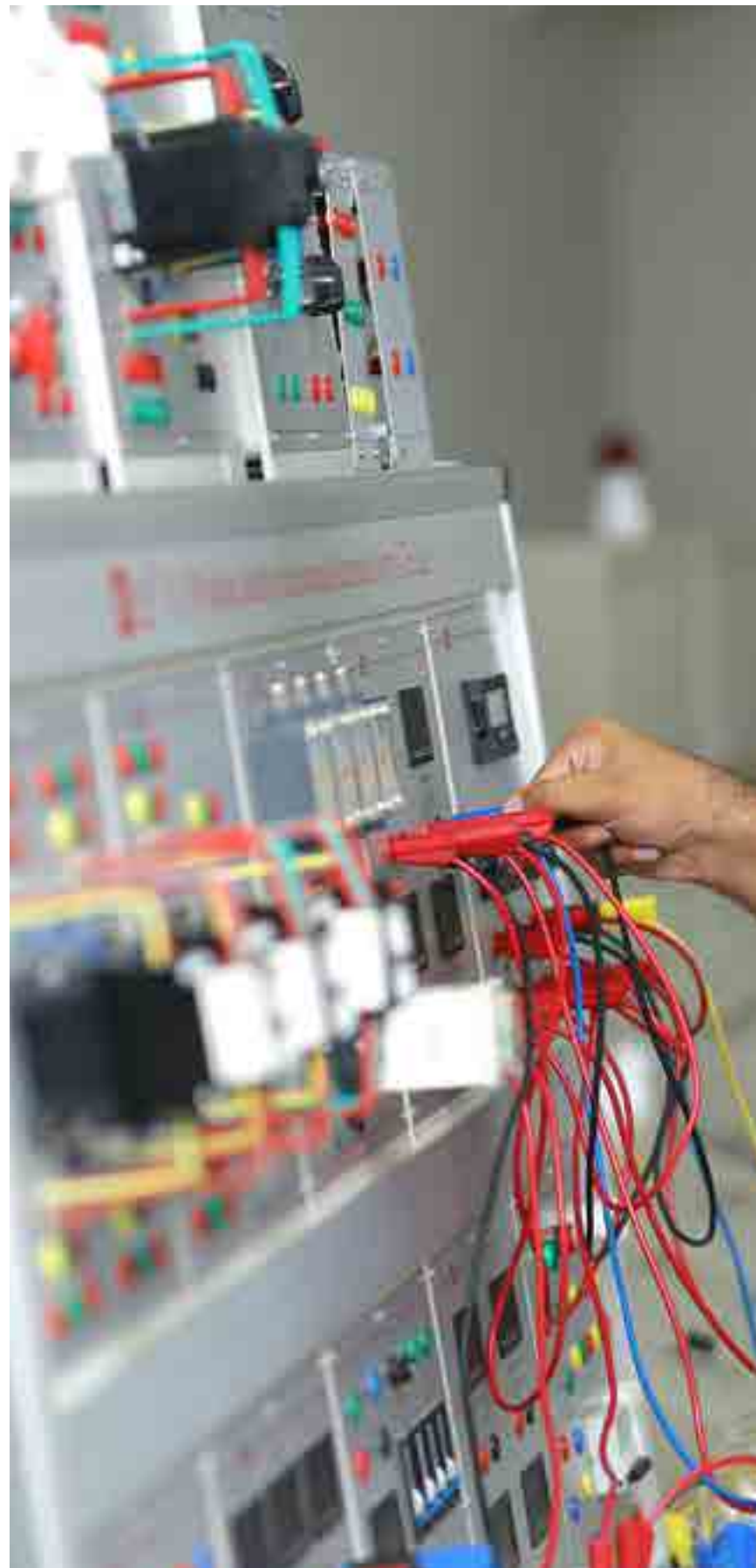
PLO 8. Ethics: Apply ethical principles, commit to professional ethics, responsibilities and norms of engineering practice.

PLO 9. Individual and Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and /or multidisciplinary settings.

PLO 10. Communication: An ability to communicate effectively, orally as well as in writing, on complex engineering activities with the engineering community and with society at large, such as being able to comprehend & write effective reports and design documentation, make effective presentations to give and receive clear instructions.

PLO 11. Project Management: An ability to demonstrate management skills and apply engineering principles to one's own work, as a member and/or leader in a team, to manage projects in a multidisciplinary environment.

PLO 12. Lifelong Learning: An ability to recognize importance of pursuing lifelong learning in the broader context of innovation and technological developments.



The PLOs are posted on the University website, displayed in the departmental buildings. These are also distributed to the students as handouts.

Electrical Engineering Undergraduate Program

UCP has been offering undergraduate program in Electrical Engineering since September 2003, when 1st batch of students was admitted. The Pakistan Engineering Council has accredited Electrical Engineering program up to Batch F15. Our latest accreditation for Batches F14 and F15 is on level-II (Washington Accord) which means that our degree shall be recognized internationally. Furthermore, we are one of the leading electrical engineering departments in Lahore to achieve level-II accreditation.

Twelve batches of Electrical Engineering have graduated so far from the Faculty with an accredited degree. Numbers of graduates from each batch are listed below.

Batch	No. of Graduates
Fall 2003	40
Fall 2004	62
Fall 2005	87
Fall 2006	87
Fall 2007	91
Fall 2008	120
Fall 2009	113
Fall 2010	104
Fall 2011	120
Fall 2012	94
Fall 2013	95
Fall 2014	52
Total	1064

Laboratories

Electrical engineering department has fourteen laboratories equipped with latest training hardware and software. Laboratory training is one of our top priorities in order to provide our students with hands-on skills that will help them excel in the industry. Following is the list of our laboratories

Electrical Machines Lab

Computer Communication Networking Lab (CISCO)

Computer Lab (Dedicated)

Computer Engineering Lab

Digital Logic Design Lab

Electronics Engineering Lab

Telecommunication Lab

Opto Electronics Lab

Power Engineering Lab

ETAP (Electrical Transient Analysis Program) LAB

Microwaves & Communication Systems Engineering Lab

Instruments & Measurement Lab

Control Systems Lab

FPGA Based Design Lab

Electrical Engineering Lab

Physics Lab

Project Research Lab

Electrical Workshop

Project lab

Research

Electrical Engineering department at UCP takes research very seriously. In this regard, PhD and M.Sc. faculty members put a lot of hard work in developing innovative ideas for solving practical problems. These ideas are matured into research publications in international conferences and impact factor journals. The faculty has also won external research funding from HEC and USAID in 2017. Furthermore, MoUs have been signed between FOE at UCP and multiple industrial partners (e.g., Tech Access private Ltd., Premier Energy Private Ltd., Descon DTI etc.) regarding research collaborations and student trainings.





Programs Offered by Electrical Engineering Department

Bachelor of Science in Electrical Engineering - B.Sc. (EE)

Master of Science in Electrical Engineering - M.Sc. (EE)

Doctor of Philosophy in Electrical Engineering, PhD (EE)

Bachelor of Science in Electrical Engineering B.Sc. (EE)

Bachelor of Science in Electrical, spans over 4 years with total of 8 semesters, each of 18 weeks duration. Total numbers of courses to be studied during each degree program is 40-41.

Program Requirements for B.Sc. (EE)

Total Credits Hours: 136 for B.Sc. (EE)
CGPA Requirement for Degree: 2.00 or more.

Eligibility for Admission

F.Sc. (Pre-Engineering)/ A Level* (Math, Physics & Chemistry) with at least 60% marks or Diploma in Associate Electrical/Electronic Engineering with at least 60% marks.

Note*: A-Level students will have to submit equivalence certificate issued by Inter Board Committee of Chairmen (IBCC), Islamabad.

Admission Procedure

Admission to each program is granted strictly on merit, which is determined on the basis of the following

examinations:

- HSSC - A-Levels/ Equivalent Exam.
- Entry Test – The applicants are required to pass the entry test to be eligible for the admission.

Final merit list is prepared on the basis of marks obtained in the last examination.

Master of Science in Electrical Engineering M.Sc. (EE)

Master of Science in Engineering spans over 1.5 years minimum and 3 years

maximum. Each semester consists of 18 weeks in duration. Total number of courses to be studied during the program is 10. Students also have an option to take 8 courses with thesis.

Program Requirements for M.Sc.(EE)

CGPA Req. for Degree: 2.50 or more

Option # 1: 30 Credit hours course work (10 Courses)

Option # 2: Minimum 24 Credit Hours course work (8 courses) + 6 Credit Hours thesis

The Faculty will decide to offer the thesis depending upon the available resources and performance of the students during the course work.

Note: Special power system courses have been designed for those students with B.Sc. (Electronics and Telecommunication) who

are willing to pursue master degree with specialization in power.

Eligibility for Admission in M.Sc. EE

To apply for M.Sc. program in EE, a candidate must have at least CGPA of 2.00/ 4.00 in B.Sc. Electrical; Electronics, Computer and Telecom Engineering equivalent from a PEC recognized and accredited institution.

Applicants for admission must mention the PEC registration number.

Doctor of Philosophy in Electrical Engineering PhD (EE)

Duration of program and semester wise course work will be based on 6 courses of 3 credit hours. Maximum of 3 courses will be offered in a semester. Thesis, comprising 30 credits, will be

offered after the completion of course work.

Eligibility Criteria:

For admission in PhD program, the eligibility criteria are as follows:

- 1) MS or equivalent degree in relevant discipline is required (18 years of education)
- 2) Minimum CGPA 3.00 (out of 4.00 in the semester system) in master/equivalent degree is required.
- 3) The GAT-Subject conducted by the National Testing Service with a minimum 60% cumulative score is required at the time of admission. The GAT Subject is valid for a period of two years. University can administer a written test in place of GAT- Subject.



- 4) All applications will be scrutinized for eligibility by the Graduate Program Committee (GPC)
- 5) The GPC will interview the applicant to assess the suitability for PhD degree program.

Other appropriate procedures, including test, will be used to assess the suitability of candidates. The GPC will select candidates for admission.

Note:

The minimum duration of B.Sc. EE, program is 4 years and maximum duration is 7 years.

The minimum duration of M.Sc., EE program is 1.5 years and maximum duration is 3 years.

The minimum duration of PhD (EE) program is 3 years and maximum duration is 7 years.

Description of Selected Electrical Engineering Labs

Data Communication Networking & CISCO Laboratory

UCP hosts a CISCO Regional Networking Academy, where students are given both theoretical and hands-on training up to the CCNA level. This Networking Academy has instructors trained from the Cisco Academy Training Center London, UK. The students who complete the training are issued an official certificate from Cisco System, USA that is recognized and accepted worldwide. Students carry out practical work related to Computer Communication Networking in this Lab.

Computer Engineering Laboratory

The Computer Engineering Laboratory has a network of the latest computers, CAD software, and FPGA development systems to give students hands-on hardware design experience. The lab supports design

of digital circuits and the applications pertaining to microprocessors. The recently upgraded lab is equipped with the state of the art equipment.

Electrical Engineering Laboratory

The Electrical Engineering laboratory is well equipped with modern digital and analog electronic measuring instruments. The students are encouraged to cultivate a keen interest towards electrical engineering and to develop small projects based on their learning. The practical work for the subjects of Basic Electrical Engineering, Network Analysis, Measurements and Instrumentation is carried out in this laboratory.

Electrical Machines Laboratory

This lab has facilities to perform experiments related to DC machines, Transformers and Induction machines. Three new test benches have been added to this lab and the workstations in the lab have been increased to 10 in number. Tests of every electrical machine related to the undergraduate coursework can be performed in this lab.

Electronics Engineering Laboratory

The Electronics Engineering Laboratory is equipped with the state of the art digital and analog instruments. The lab supports the practical work for electronics, integrated electronics and power electronics. Here, the students also learn the use of electronic instruments.

Telecommunication Laboratory

Telecommunication Engineering Lab has 12 workstations equipped with the latest analog & digital test and measuring instruments, Radar Communication trainers, Electro optic trainers and Telecommunication trainers. Experiments relating to AM & FM

Modulation, Demodulation, Digital Optical Communication, Data Communication, etc. can also be performed in this lab. This laboratory is being expanded on regular basis so that students can learn about the current telecommunication techniques and technologies.

Power Engineering Laboratory

A state of the art power engineering lab has recently been established to provide training in the following areas: I) Generation II) Transmission III) Protection IV) Distribution. ETAP teaching software has been provided to conduct various experiments.

Microwaves & Communication Systems Engineering Laboratory

The microwave-engineering lab is well equipped to provide an excellent grounding in basic microwave measurements right from analysis to the design and investigation of complete microwave systems. This lab facilitates students to acquire hands-on hardware design experience and good insight into the structure of microwave integrated circuits (MIC). Recently, this lab has been equipped with latest analog and digital communication trainers (BISKITT).

Control Engineering Laboratory

Control System Lab is a platform to provide hardware-based practical experience to the students. Since control system is an interdisciplinary course, a rich set of experiments has been developed to help students understand different applications of the course. The lab contains a number of trainers namely ball bearing trainer, magnetic levitation trainer and inverted pendulum trainer. Lab is also equipped with feedback control instruments.

Research and Teaching Faculty



Dr. Ali Nasir

Head of Department, Assistant Professor

HEC approved PhD Supervisor (2013-Present)

Member of the National Curriculum Review Committee for Electrical Engineering (2017)

Dr. Ali Nasir obtained his PhD along with two M.Sc. degrees (in Electrical Engineering and Aerospace Engineering) from the University of Michigan Ann Arbor in USA. He is recipient of prestigious Fulbright scholarship for M.Sc. and PhD. He received his B.Sc. in Electrical Engineering from University of Engineering and Technology, Taxila. He is currently working on distributed control of multi-agent systems and human intent prediction. His research interests also include Approximate Dynamic programming, fault tolerant control, nonlinear control and estimation. He has more than 25 national and international publications to his credit including papers international conferences, national & international journals, and a book chapter.



Prof. Dr. Nazar Hussain Malik

Professor

Dr. Nazar Hussain Malik is a Professor of Electrical Engineering at UCP. He graduated from University of Engineering and Technology (UET), Lahore in Electrical Engineering in 1973. From 1973-1975 he served as a lecturer at the Electrical Engineering Department at UET. He joined University of Windsor, Canada in 1975 as a graduate student and obtained M.Sc. and PhD degrees in 1977, and 1979, respectively. Then he served as an Assistant Professor at University of Western Ontario, London, Canada for about 3 years.

In 1982, he joined Electrical Engineering Department, College of Engineering, King Saud University (KSU) Riyadh as an Assistant Professor and was promoted as Associate Professor in 1985 and as a Professor in 1989. From 2009 to 2014 he was the Chair Professor, Saudi Aramco Chair in Electrical Power at KSU where he was involved in research and development for Saudi Aramco. His areas of expertise are High Voltage Engineering, Electrical Insulation, Testing and Diagnostics and Electrical Power. At KSU he was instrumental in developing an accredited High Voltage Testing Lab. He served as the Technical Manager and the Quality Manager of KSU High Voltage Lab. Prof. Malik left King Saud University in July of 2018.

He is author/co-author of 4 text books and more than 220 conference and Journal papers. He is a regular reviewer for many ISI indexed Journals. He has offered many specialized courses to various industries in Saudi Arabia and has performed many sponsored research projects for various governmental and industrial organizations of Saudi Arabia. Prof. Malik has also supervised several masters and doctoral thesis.



Dr. Muhammad Sarwar Ehsan

Associate Professor

Member of the National Curriculum Review Committee for Electrical Engineering (2017)

Dr. Muhammad Sarwar Ehsan has M.Phil. degree in electronics from Quaid-e-Azam University, Islamabad and PhD degree in electrical engineering from Graz University of Technology, Austria. His research interests include signal processing, multimedia processing, communication and information theory. He has been teaching since 1997 and worked in different institutes including GC University Lahore, Graz University of Technology Austria, COMSATS Institute Lahore and the University of Lahore. In 2014, he joined University of Central Punjab as Associate Professor. He



Dr. Kamran Ezdi

Assistant Professor

Dr. Kamran Ezdi Obtained a B.Sc. in Electrical Engineering (electronics and telecommunications) from UET, Lahore, M.Sc. in Electrical Engineering (Communications and Radio Engineering) from King's College London and PhD in Electrical Engineering and Applied Physics from the University of Braunschweig, Institute of Technology, Germany. Dr. Ezdi worked in civil service of Pakistan (District Management Group) and taught at Multimedia University, Cyberjaya, Malaysia where he won teaching excellence award. He is working on developing numerical techniques for solving Maxwell's equations for radiating structures excited by non-sinusoidal time-domain signals.



Dr. Ali Faisal Murtaza

Assistant Professor

Dr. Ali Faisal received the B.Sc. degree from National University of Sciences and Technology (NUST), Rawalpindi, Pakistan. M.Sc. degree from University of Engineering and Technology (UET), Lahore, Pakistan and the PhD Degree from the Politecnico di Torino, Torino, Italy. He is currently working as Assistant Professor in the Faculty of Engineering (Electrical). At UCP, a research group "Efficient Electrical Energy Systems" is active under his supervision. His research interests include the design of stand-alone Solar Photovoltaic (PV) systems including DC micro-grids, DC-DC converters and Maximum power point trackers for PV systems, PV plant energy evaluation and partial shading effects. He has authored/co-authored several research articles in leading journals and conferences of his field.



Dr. Muhammad Saadi

Assistant Professor

Dr. Saadi obtained his PhD degree from Department of Electrical Engineering, Chulalongkorn University, Thailand. During his PhD, he was associated with National Electronics and Computer Technology Center (NECTEC), Thailand and Aimagin Pvt. Ltd., Thailand. Dr. Saadi received his Bachelor's Degree from National University of Computer and Emerging Sciences (FAST-NU), Pakistan in year 2007. Before pursuing his Master's Degree from National University of Malaysia (UKM) in year 2009, he worked as Network Operation Engineer in Mobilink, Pakistan. He has also worked in University of Management and Technology for two years as a Lecturer.



Dr. Musharraf Ahmed Hanif

Assistant Professor

Dr. Musharraf Ahmed Hanif completed his M.Sc. and PhD in the field of Embedded Systems from University of Leicester, UK, in 2005 and 2012 respectively. He did his B.Sc. from Ghulam Ishaq Khan Institute (GIKI), Swabi, Pakistan, in Electronics Engineering. He has over ten years of industrial experience in the field of embedded systems, ranging from research & development to consultancy work for clients in the automotive and white goods sectors. His areas of interest include high reliability deeply embedded systems, process control & automation, hard real-time scheduling theory and robotics.



Dr. Muhammad Kamran Saleem
Assistant Professor

Dr. Engr. Muhammad Kamran Saleem is working as an Assistant Professor at UCP. He received the PhD degree in Communication Engineering from King Saud University, Saudi Arabia, in 2016, the M.Sc. degree in Telecommunication Engineering from Blekinge Institute of Technology (BTH), Sweden, in 2007 and the B.Sc. degree in Electrical Engineering from the Mirpur University of Science and Technology, Pakistan in 2005. He served ZARM Center of Applied Space Technology and Microgravity, Germany in 2006. He also served SUPARCO from 2007 - 2011, during his stay there he was awarded with the research excellence award twice in 2009 and 2010, respectively.



Dr. Muhammad Majid Gulzar
Assistant Professor

Dr. Muhammad Majid Gulzar is currently an Assistant Professor in FOE, University of Central Punjab, Pakistan. He received his PhD degree with specialization in Control Science and Engineering from Department of Automation, University of Science and Technology of China. He received his MS in Electrical Engineering from University of Engineering and Technology, Pakistan. He is a member of Pakistan Engineering Council and IEEE. His areas of interest are Control Systems, Automation, Multi-agent Networks, Analysis and Design of Linear Systems etc. He has advised number of projects in these areas and has number of publications in international journals and conferences.



Engr. Fesal Toosy
Associate Professor

Mr. Fesal Toosy completed his BS in Electrical Engineering from the University of Engineering & Technology, Lahore and MS in Electrical Engineering from the University of Southern California, USA. He is PhD Scholar at the University of Central Punjab. He has been with the Faculty of Engineering for more than 13 years and has been a driving force in the development of the faculty and student activities. His areas of interest are Immersive Audio Signal Processing, Digital Image Processing and Robotics.



Engr. Muhammad Salman
Associate Professor

Muhammad Salman is an Associate Professor in the faculty of Electrical Engineering. He has done his B.Eng. (Hons.) and M.Sc. in Electronics/Computer Engineering with specialization in VLSI Design and Testability from University of Hull U.K in 1993-94. He has 18 years teaching experience at NCBA&E & The University of Lahore. He joined UCP in October 2003. His area of specialization is Electrical and Electronics engineering core subjects – Digital Logic & Design and Microcontroller/Microprocessor. Currently he is doing his PhD degree in Electrical Engineering with Photovoltaic and Maximum Power Point Tracking techniques & its algorithms. He is also a Certified Digital Currency Associate (CDCA).

Permanent Faculty Members

Name	Designation	Area of Specialization	Qualification
Prof. Dr. Nazar Hussain Malik	Professor	Power Systems Engineering	B.Sc.(UET Lahore), M.Sc.(University Of Windsor Canada) PhD (University of Windsor Canada)
Engr. Salman Aslam Arain	Associate Professor	Electronics Engineering	BE (Hons) (University of Hull, UK) M.Sc. (University of Hull, UK) PhD* (UCP)
Engr. Fesal Toosy	Associate Professor	Telecom Engineering	B.Sc. (UET, Lahore), M.Sc. (University of Southern California, USA) PhD* (UCP)
Dr. Sarwar Ehsan	Associate Professor	Digital Signal Processing	B.Sc. (PU, Lahore) M. Sc. (PU, Lahore) PhD (Graz University, Austria)
Dr. Bilal Zafar	Associate Professor	Computer Engineering	B.Sc.(GIKI, Topi), M. Sc.(University Southern California, USA), PhD (University Southern California, USA)
Dr. Kamran Ezdi	Assistant Professor	Telecommunication Engineering	B.Sc. (UET, Lahore) M.Sc. (University of London, Kings College, UK), PhD (Technische Universität Carolo-Wilhelmina Zu Braunschweig, Germany)
Dr. Ali Nasir	Assistant Professor	Control Systems	B.Sc. (UET - Taxila), M.Sc. (University of Michigan Ann Arbor, USA) PhD (University of Michigan Ann Arbor, USA)
Dr. Ali Faisal Murtaza	Assistant Professor	Power Systems Engineering	BE (NUST, Islamabad) M.Sc. (UET, Lahore) PhD (Politecnico di Torino, Italy)
Dr. Muhammad Saadi	Assistant Professor	Telecommunication Engineering	BE (FAST, Lahore), M.Sc. (National University of Malaysia), PhD (Chulalongkorn University, Thailand)
Engr. Lt. Col.(Rtd) Zulqarnain	Assistant Professor	Power Systems Engineering	B.Sc. (UET, Lahore), Fellow of ASP CAES MIT, USA, M.Sc. (UCP), PhD* (UCP)
Dr. Muhsarraf Ahmed Hanif	Assistant Professor	Embedded System Engineering	B. Sc. (GIK), M.Sc. (Uni. of Leicester, UK), PhD (Uni. of Leicester, UK)
Dr. Majid Gulzar	Assistant Professor	Control Systems Engineering	B.Sc. (UCP), M.Sc. (UET), PhD (China)
Dr Muhammad Kamran Saleem	Assistant Professor	Telecommunication Engineering	B.Sc. U.C.E.T(Mirpur), M.Sc. (BTH-Sweden), PhD (KSU-KSA)
Engr. Riaz Ahmad Rana	Assistant Professor	Power Systems Engineering	B.Sc. (UET) M.Sc. (UCP) PhD* (UCP)
Engr. Col. (Rtd.) Zia-ul-Islam	Assistant Professor	Telecommunication Engineering	B.Sc. (UET) M.Sc. (UET)
Engr. Kiran Fatima	Assistant Professor	Telecommunication Engineering	B.Sc. (FAST, Lahore) M.Sc. (FAST, Lahore)
Engr. Nabeel Khalid	Assistant Professor	Digital Signal Processing	B.Sc. (UCP), M.Sc. (UCP)

Permanent Faculty Members

Name	Designation	Area of Specialization	Qualification
Engr. Adeel Arif (On Study Leave)	Assistant Professor	Control Systems Engineering	B.Sc. (UCP) M.Sc. (GCU) PhD* (UCP)
Engr. M. Usman Khan	Assistant Professor	Control Systems Engineering	B.Sc. (UCP) M.Sc. (UET)
Engr. Areeb Khalid	Assistant Professor	Control Systems Engineering	B.Sc. (UCP) M.Sc. (Sweden)
Engr. Nazia Gillani	Assistant Professor	Computer Engineering	B.Sc. (UET, Lahore), M.Sc. (LUMS, Lahore) B.Sc. (NUST, Karachi), M.Sc. (Chalmers Uni. of Tech., Sweden) PhD*(UCP)
Engr. Arslan Ashraf	Assistant Professor	Power Systems Engineering	B.Sc. (UET, Lahore) M.Sc. (UCP)
Engr. Reda Gilani	Assistant Professor	Electronics Engineering	B.Sc. (UCP) M.Sc. (UCP)
Engr. Haleema Asif	Assistant Professor	Control Systems Engineering	B.Sc. (UMT, Lahore) M.Sc. (UET, Taxila)
Engr. Abdullaha Akram Bajwa (On Study Leave)	Assistant Professor	Power Systems Engineering	B.Sc. (PU, Lahore), M.Sc. (UET, Lahore), M.Phil. (UET, Lahore), Ph.D (UET, Lahore)
Dr. Muhammad Rafiq	Assistant Professor	Mathematics	B.Sc. (UET-Lahore), M.Sc. (UET-Taxila)
Muhammad Umar	Lecturer	Telecommunication Engineering	B.Sc. (UET - Lahore), M.Sc. (University of Surrey, UK)
Engr. Muhammad Awais Arshad (On Study Leave)	Lecturer	Control Systems Engineering	B.Sc. (UCP), M.Sc. (UCP)
Engr. Jawad Khalid	Lecturer	Computer Engineering	B.Sc. (UCP) M.Sc. (UET, Lahore)
Engr. Ali Ahmad	Lecturer	Power Systems Engineering	B.Sc. UCP
Engr. Ali Awais	Lecturer	Electronics Engineering	B.Sc. UET (Taxila), M.Sc. UET (Taxila)
Engr. Fahad Usman Khan	Lecturer	Power Systems Engineering	B.Sc. UET, M.Sc. (UPM, Malaysia) PhD* (University of Malaysia)
Engr. Muhammad Jabir (On Study Leave)	Lecturer	Power Systems Engineering	B.Sc. (UCP) M.Sc. (NUST, Islamabad) PhD (Politecnico di Torino, Italy)
Dr. Arslan Arif	Assistant Professor	Power Systems Engineering	B.Sc. (LCW, Lahore), M.Sc. (LCW, Lahore), M.Phil.(PU, Lahore)
Ms. Asfar Nisar	Lecturer	Mathematics	B.Sc.(UK), M.Sc. (UK) Ph.D.* (Oxford University)
Mr. Muhammad Afzal	Lecturer	Mathematics	B.Sc.(Hon) (PU, Lahore) M. Phil.(PU, Lahore)
Ms. Afifa Sadaqat	Lecturer	Physics	B.Sc. (UCP), M.Sc. (UCP)
Engr. Irfan Shafqat	Lecturer	Control Systems Engineering	B.Sc. (PIAS, Islamabad) M.Sc. (Georgia Institute of Technology, USA)
Engr. Muhammad Fahad Razzaq	Lecturer	Power Systems Engineering	B.Sc. (UCP), M.Sc. (UCP)
Engr. Aamir Hayat	Lab Engineer	Power Systems Engineering	B.Sc. (UCP)
Engr. Muhammad Arslan	Lab Engineer	Power Systems Engineering	B.Sc. (UET, Lahore)
Engr. Anam Javed Dar	Lab Engineer	Power Systems Engineering	

Sample Course Plan for B.Sc. Electrical Engineering Fall '19

Knowledge Area	Course Code	Subject	Cr. Hrs	Contact Hrs	
				Theory	Labs
Semester 1					
HU	HUD1103	Basic Applied English	3	3	0
	HUD1113	Pakistan Studies	3	3	0
GS	GSD1123	Applied Calculus	3	3	0
	GSD1134	Applied Physics	4	3	3
ES	EED1151	Electrical Workshop	1	0	3
	EED1142	Introduction to Computing	2	1	3
Total Hours			16	13	9
Semester 2					
HU	HUD1203	Islamic Studies	3	3	0
GS	GSD1213	Differential Equations	3	3	0
ES	EMD1233	Basic Mechanical Engineering	3	3	0
	EED1224	Fundamental of Programming	4	3	3
	EMD1241	Engineering Drawing	1	0	3
	EED1254	Basic Electrical Engineering	4	3	3
Total Hours			18	15	9
Semester 3					
GS	GSD2103	Linear Algebra	3	3	0
ES	EED2114	Data Structures & Algorithms	4	3	3
	EED2124	Electronic Devices and Circuits	4	3	3
	EED2134	Electrical Network Analysis	4	3	3
	EMD2143	Thermodynamics	3	3	0
Total Hours			18	15	9
Semester 4					
GS	GSD2203	Multivariable Calculus	3	3	0
ES	EED2213	Probability Methods for Engineers	3	3	0
	EED2224	Digital Logic Design	4	3	3
	EED2234	Signals and Systems	4	3	3
	EED2244	Electrical Machines	4	3	3
Total Hours			18	15	9
Semester 5					
ES	GSD3103	Natural Science Elective	3	3	0
	EED3113	Electromagnetic Theory	3	3	0
	EED3124	Microprocessors	4	3	3
	EED3134	Communication Systems	4	3	3
GS	EED3144	Breath Core-I	4	3	3
Total			18	15	9

Semester 6					
HU	HUD3203	Technical Report Writing	3	3	0
MGT	MGD3213	Engineering Economics	3	3	0
	EED3224	Linear Control Systems	4	3	3
ES	EED3234	Breath Core-II	4	3	3
	EED3244	Depth Elective-I	4	3	3
Total Hours			18	15	9
Semester 7					
HU	HUD4103	Communication Skills	3	3	0
MGT	MGD4113	Entrepreneurship	3	3	0
ES	EED4124	Depth Elective-II	4	3	3
	EED4134	Depth Elective-III	4	3	3
	EED4142	Senior Design Project – I	2	0	6
Total Hours			16	12	12
Semester 8					
MGT	MGD4203	Engineering Management	3	3	0
ES	EED4214	Depth Elective – IV	4	3	3
	EED4223	Depth Elective – V	3	3	0
	EED4234	Senior Design Project - II	4	0	12
Total Hours			14	9	15
Total Credit Hours of the Program			136		

** Complex Variables and Transforms/Discrete Mathematics/Numerical Analysis/ /Biology

Note 1: Registration in "Project-I" is allowed provided the student has earned at least 100 credit hours, and his/her CGPA is equal to or greater than the graduating CGPA (2.0).

Specializations: Breadth Core (by course name) and Depth Electives (DE) courses

Computers	Electronics and Telecommunication	Power
Computer Communication Networks	Computer Communication Networks	Power Distribution & Utilization
Computer Architecture and Organization	Instrumentation & Measurement	Instrumentation & Measurement
Operating Systems	Electronic Circuit Design	DE I
Database Management Systems	DE I	DE II
DE I	DE II	DE III
DE II	DE III	DE IV
DE III	DE IV	DE V

Table 1: Categorizing core courses as specialization breadth core (BC) or depth electives (DE).

EEN2144	Electronic Circuit Design	BC	EEN3233	Power systems Fundamentals	DE
EEN2243	Instrumentation & Measurement	BC	EEN4123	Digital Communication	DE
EEN3144	Integrated Electronics	DE	EEN4133	Design of Electrical Machine Drives	DE
EEN3214	Power Electronics	DE	EEN4223	Industrial Process Control	DE
EEN3224	Digital Signal Processing	DE	GSN2223	Numerical Analysis	Math Elective

Sample Course Plan for M. Sc. (Electrical Engineering)

Two options are available to complete the program.

Option # 1: 30 Credit hours course work (10 Courses)

M.Sc. with coursework	
Course Category	Requirement
Core Courses	Two
Specialization Courses (from one of the two streams namely	Five
i. Power, Control and Energy Stream	
ii. Electronics, Communication and Digital Signal Processing Stream	
Electives*	Three

Option # 2: Minimum 24 Credit Hours course work (8 courses) + 6 Credit Hours thesis

M.Sc. with research	
Course Category	Requirement
Core Courses	Two
Specialization Courses (from one of the two streams namely	Four
i. Power, Control and Energy Stream	
ii. Electronics, Communication and Digital Signal Processing Stream	
Electives*	Three

Courses LIST *Elective can be selected from the list of general electives or from specialization stream other than the one from which minimum four courses have been taken. With approval of academic advisor, one elective course may be selected from outside the electrical engineering department (e.g. mechanical engineering or computer science).

Year-1, Semester I	
Sr. No.	Course
1	Core – I
2	Core – II
3	Specialization – I

Year-1, Semester 2	
Sr. No.	Course
1	Specialization – II
2	Specialization – III
3	Elective – I

Year-2, Semester 3	
Sr. No.	Course
1	Specialization-IV
2	Elective – II

Year-1, Semester 4	
Sr. No.	Course
1	Elective – III / Thesis
2	Specialization V / Thesis

Note: The student can register for thesis in the third semester and may continue working on it for two semesters i.e. third and fourth.

Sample Course plan for PhD (Electrical Engineering)

Note: PhD student can select up to three courses from the list of postgraduate level courses with the approval of the supervisor

Year-1, Semester I

Sr. No.	Course
1	Course I
2	Course II
3	Course III

Year-1, Semester II

Sr. No.	Course
1	Course IV
2	Course V
3	Course VI

Year-2, Semester III

1	Thesis Research
2	Thesis Research

Year-2, Semester IV

1	Thesis Research
2	Thesis Research

Year-3, Semester V

1	Thesis Research
2	Thesis Research

Year-3, Semester VI

1	Thesis Research
2	Thesis Research

Mechanical Engineering Department

The graduates of the program of B.Sc. Mechanical Engineering will be equipped with skills to demonstrate knowledge of key technologies applicable within the main areas of Mechanical Engineering. The main objectives of this program are to produce engineers who can:

PEO1: Apply knowledge and skills for innovative design, analysis and solution of broad range of Mechanical Engineering applications.

PEO 2: Demonstrate knowledge for sustainable development of society in an ethical and professional manner.

PEO 3: Communicate effectively and possess management skills to work in multidisciplinary teams.

Program Learning Outcomes (PLOs)

The Program Learning Outcomes (PLOs) provided in the "PEC OBA Manual of Accreditation 2014" have been adopted for all three engineering undergraduate programs of the Faculty. The PLOs are listed as under:

PLO 1. Engineering Knowledge: An ability to apply knowledge of Mathematics, Science, Engineering Fundamentals and an Engineering specialization to the solution of complex engineering problems.

PLO 2. Problem Analysis: An ability to identify, formulate, research literature, analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural Sciences and Engineering Sciences.

PLO 3. Design/Development of Solutions: An ability to design solutions for complex engineering problems & design systems, components or processes that meet specified needs with appropriate consideration for public health & safety, cultural, societal and environmental considerations.

PLO 4. Investigation: An ability to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis & interpretation of experimental data

and synthesis of information to derive valid conclusions.

PLO 5. Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PLO 6. The Engineer and Society: An ability to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal & cultural issues, the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.

PLO 7. Environment and Sustainability: An ability to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of need for sustainable development.

PLO 8. Ethics: Apply ethical principles, commit to professional ethics, responsibilities and norms of

engineering practice.

PLO 9. Individual and Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and /or multidisciplinary settings.

PLO 10. Communication: An ability to communicate effectively, orally as well as in writing, on complex engineering activities with the engineering community and with society at large, such as being able to comprehend & write effective reports and design documentation, make effective presentations to give and receive clear instructions.

PLO 11. Project Management: An ability to demonstrate management skills and apply engineering principles to one's own work, as a member and/ or leader in a team, to manage projects in a multidisciplinary environment.

PLO 12. Lifelong Learning: An ability to recognize importance of pursuing lifelong learning in the broader context of innovation and technological developments.

The PLOs are posted on the University website, displayed in the departmental buildings. These are also distributed to the students as handouts.

Mechanical Engineering Undergraduate Program

The Pakistan Engineering Council has accredited Mechanical Engineering program at UCP up to Batch FO15. The batches 2014 onwards are accredited at level II (OBE System). Mechanical Engineering program was launched in 2011 after getting approval from the Pakistan Engineering Council (PEC) with the aim to produce quality Mechanical Engineering graduates who can:

- Apply knowledge and skills for innovative design, analysis and solution of broad range of Mechanical Engineering applications.
- Demonstrate knowledge for sustainable development of society in an ethical and professional manner.
- Communicate effectively and possess management skills to work

in multidisciplinary teams.

Housing standardized laboratories, having modern state of the art equipment, the two dedicated multi story buildings in the Mechanical Engineering block are fully functional. A new HEC funded Bio Mechatronics lab has recently been established with a purpose to develop robotic devices to aid disabled persons. Qualified and dedicated faculty members are teaching Mechanical Engineering students at undergraduate as well as graduate programs with full zeal and commitment. A list of faculty members with their qualification details can be seen on the UCP – website (www.ucp.edu.pk). Number of graduates from each batch is mentioned below:

Batch	No. of Graduates
Fall 2011	69
Fall 2012	35
Fall 2013	50
Fall 2014	41
Total	195





Programs Offered by Mechanical Engineering Department

Bachelor of Science in Mechanical Engineering - B.Sc. (ME)

Master of Science in Mechanical Engineering - M.Sc. (ME)

Bachelor of Science in Mechanical Engineering B.Sc. (ME)

Bachelor of Science in Mechanical Engineering spans over 4 years with total of 8 semesters, each of 18 weeks duration. Total numbers of courses to be studied during each degree program is 41-42

Program Requirements for B.Sc. (ME)

Total Credits Hours: 134 for B.Sc.
CGPA Requirement for Degree: 2.00 or more.

Eligibility for Admission

F.Sc. (Pre-Engineering)/ A Level* (Math, Physics & Chemistry) with at least 60% marks or Diploma in Associate Mechanical Engineering.

Note*: A-Level students will have to submit equivalence certificate issued by Inter Board Committee of Chairmen (IBCC), Islamabad.

Admission Procedure

Admission to each program is granted strictly on merit, which is determined on the basis of the following examinations:

- HSSC - A-Levels/ Equivalent Exam.
- Entry Test – The applicants are required to pass the entry test to be eligible for the admission.

Final merit list is prepared on the basis of marks obtained in the last examination.

Master of Science in Mechanical Engineering M.Sc. (ME)

Master of Science in Engineering spans over 1.5 years minimum and 4 years maximum. Each semester consists of 18 weeks in duration. Total number of courses to be studied during the program is 10. Students are encouraged to take 8 courses (24 credit hrs.) and a research thesis equivalent to 2 courses (6 credit hrs.). However, they can also complete degree by completing 10 courses (30 credit hrs.).

Program Requirements for M.Sc. (ME)

CGPA Req. for Degree: 2.50 or more

Option # 1: 30 Credit hours course work (10 Courses)

Option # 2: Minimum 24 Credit Hours course work (8 courses) + 6 Credit Hours thesis

The Faculty will decide to offer the thesis depending upon the available resources and performance of the students during the course work.

Eligibility for Admission in M.Sc. (ME)

Sixteen years of schooling or 4 years education (130 credit hours) after HSSC/F.Sc./A-Levels/ Grade 12 or equivalent in Mechanical, Industrial or Mechatronics engineering from a PEC accredited program. For admission into Faculty of Engineering, a minimum CGPA 2.00 (out of 4.00 in the semester system) or 1st division (in the annual

system) in bachelor/master/equivalent degree is required. Application for admission should include the PEC registration number.

Admission Procedure

The GAT-General conducted by the National Testing Service with a minimum 50 % cumulative score is mandatory.

Admission to the program is granted strictly on merit, which is determined on the basis of performance in the following:

- Bachelor/Equivalent Exam Results
- Interview

(A subject-based written test will be conducted to shortlist the students for interviews if required)

University can administer a written test in place of GAT- General.

Graduate Teaching Assistantships (GTA-Ships)

Limited (GTA-ships) are available for students. GTA duties and scheduled hours will vary from course to course. A GTA must not be availing any other scholarship simultaneously.

Note: The minimum duration of B.Sc., ME program is 4 years and maximum duration is 7 years.

The minimum duration of M.Sc., ME program is 1.5 years and maximum duration is 3 years.

Mechanical Engineering Labs

Thermodynamics Lab:

The main objective of this fundamental

lab is to enable students to gain practical knowledge & skills related to the field of thermal power plants, turbo-machines and energy. The lab is fully equipped to help students to learn the fundamentals & working principles of various instruments and verify the laws of thermodynamics. The laboratory also features state of the art test beds for understanding the operation and measuring the performance of compressors, engines and thermal power plants. In addition, the laboratory offers various state of the art test beds with latest instruments to understand the operation and performance parameters of thermal equipment like, multi-stage compressor test bed, engine test bed, steam turbine power plant, combustion laboratory unit, cut models of single and multi-cylinder engines.

Heating, Ventilation and air Conditioning (HVAC) Lab:

The HVAC lab is equipped to demonstrate the basic principles of heat transfer, working of heat exchangers and HVAC equipment. The laboratory offers apparatus for measuring the fundamental processes like heat conduction, convection, radiation and different thermal properties like thermal conductivity, emissivity etc. The refrigeration equipment like heat pump, vapour compression & vapour absorption help the students to understand and measure the performance of refrigeration equipment. The laboratory also houses apparatus for the demonstration and analysis of the central air conditioning systems. HVAC laboratory has up to date apparatus with state of the art instrumentation.

Mechanical Workshop:

Mechanical Engineering Department fully endorses the importance of

mechanical workshop for students. A well-equipped workshop, with highly trained staff, provides hands on training on bench working, machining, welding, casting, wood working and electrical machines. Strict rules are applied while doing workshop practices to make students safety conscious. Students are made to work independently on computer-aided manufacturing. Imparted workshop practices adequately prepare students to conduct their term research projects and fabricate their final year project hardware.

Fluid Mechanics Lab:

Fluid mechanics laboratory is necessary to build the foundation of engineering students requiring them to master more advanced concepts, processes and equipment. Keeping this in view, fluid mechanics lab offers access to an extensive array of apparatus and equipment experiments. The apparatus housed in fluid mechanics include equipment to verify Bernoulli's theorem, Osborne Reynold's Flow for demonstration of effect of flow speed on turbulence, Jet flow principle, Pipe Friction laws etc. The advanced equipment is present in order to understand the working and measuring the performance parameters of Impulse and Reaction Turbines, Centrifugal Pumps, and Fluid Friction Apparatus.

Engineering Statics and Dynamics Lab:

Engineering statics and dynamics principles are life time learning for mechanical engineers. This Lab has latest apparatus to verify the principles and covers experiments to authenticate the theoretical knowledge taught in the subjects of Statics and Dynamics. Lab staff is well trained and encourages students to solve practical problems

Mechanics of Materials Lab:

The Lab is sufficiently equipped with latest apparatus to conduct experiments related to mechanical properties and do experimental stress analysis. Student get opportunity to visualize stresses and practically deal with stresses including normal, torsional & flexural stresses, creep, impact loading, fatigue and hardness. Student also analyze structure using strain gauges to verify their computer aided analysis problems

Mechanics of Machines Lab:

The Lab is designed to verify fundamental of mechanics of machines and mechanisms. Students understand elements related to the basics of machine including gear, bearings, cams, screws, flywheel, governors, and variety of mechanisms. Students are required to design a mechanisms of practical nature and prove its dynamics

Computer Aided Design (CAD) Lab:

This Lab is established to train students in computer aided drafting (CAD), computer aided designing (CAD), computer aided manufacturing (CAM) and computer aided analysis (CAA). The Lab is equipped with core i7 desktops and licensed CAD/CAM/CAA software. Students not only attain skills to work on software like ANSYS, Pro E, and Solid Edge but also utilize the lab to model their final year projects.

Metrology Lab:

Metrology Lab is designed with the objective to enable students to explain principles and issues related to measurement, use modern & conventional measurement tools precisely for solving problems for quality improvement. It also enables the mechanical engineering graduates to analyze process variations, propose

solutions for production quality and satisfy the customer needs in product & service sector organization. 28 apparatus are available consisting of various gauges for the purpose.

UCP Bio Mechatronics Lab:

The Bio Mechatronics lab at UCP focuses on the development of robotic devices to help people with limb disabilities. The goal is to make modern assistive devices, such as exoskeletons, accessible to the disabled people living in countries with severe financial constraints like Pakistan. By taking an integrated approach that combines the knowledge of engineering, biomechanics and the power of inexpensive electronics, we can greatly enhance the performance of existing low-tech assistive devices in use. A major focus area is the walking disabilities which affect around 1 million people in Pakistan. Several exoskeleton prototypes have been developed and tested for polio and spinal cord injuries patients.

The Lab has maintained close collaboration with the local medical industry for an accelerated path to product development. Recently, the Lab has been selected as one of the partner labs of National Center of Robotics and Automation (NCRA) established by Government of Pakistan and has secured several research findings from various organizations.

Drawing Hall:

A spacious drawing hall is available, equipped with 50 standard drawing tables, to build drawing skills of the students. The concept of transforming a 3D model to 2D drawings is developed. Physical models of various machine elements are demonstrated to the students for their better understanding.



Teaching Faculty - Department of Mechanical Engineering



Dr. Muhammad Rizwan Shad
Associate Professor (Head of Department)

Dr. Muhammad Rizwan Shad holds PhD from University of INSA, Toulouse, France with specialization in Applied Mechanics. His research work was in linear and nonlinear rotor-dynamics and composite rotors. He obtained his Master's degree in Aerospace Mechanical Engineering from INSA/SUPAERO, France. During his Masters, he conducted research on nonlinear auto parametric systems. He has been a member of some of the highly ranked research groups in France like Institute Clément Ader (ICA) and LGMT. He has presented his work in international conferences and has also published in impact factor journals. In Pakistan, he has been educated in institutes like UET Lahore, Govt. College, Lahore and Sadiq Public School, Bahawalpur. He is a profound professional having industrial as well as research experience. His area of interest include: Applied Mechanics, Engineering Failure Analysis, Fracture and Fatigue and Mechanical Vibrations.



Prof. Dr. Faiz ul Hasan
Professor

Prof. Dr. Hasan started his teaching career in 1970 from The Department of Metallurgical and Materials Engg, UET Lahore. He has also been teaching various subjects to the students of Mechanical Engg at UET- Main Campus and at KSK Campus. While at UET, he worked in various capacities including: Dean of Faculty, Chairman of Department, Chief Editor of UET Research Journal, Director Hi-Tech Lab, Director Testing and Consultancy, Member Syndicate and as Campus Coordinator KSK. During 2011-2015, Dr. Hasan was the Vice Chancellor of the University of Education.

Dr. Hasan's areas of interest are Engineering Failure Analysis, Welding, and Heat Treatment of Metals. He is presently associated as a Consultant with Sui-Northern- Gas-Pipelines-Ltd, Millat Tractors, Inspectest (Descon's Inspection Wing), Mannan-Shahid Forgings, Infinity Engg., MachineCrafts Ltd. and many auto parts manufacturers.

During his two post-Doctoral researches at Manchester University, Dr. Hasan worked on projects for British Ministry of Defence (1982-84) and British Aerospace (1987). He has produced more than 40 research publications, most of which have been published in international journals.



Dr. Gulraiz Ahmed
Assistant Professor

Dr. Gulraiz Ahmed joined the department of Mechanical Engineering as an Assistant Professor in May 2014. He completed his Bachelor's degree in 2007 from Institute of Space Technology (IST). He obtained a Master's degree in Aerodynamics and Computation from University of Southampton, United Kingdom. He joined IST as a lecturer after Masters. During his stay at IST, he taught undergraduate students and supervised various student projects. He was among the few to receive the Environmental Science and Research PhD scholarship to investigate the fluid mechanics of bloodstain formation. During his PhD at University of Canterbury, New Zealand,



he worked on modeling the effects of the fluid rheology and surface texture on the footprint of passive droplets. In 2015, he was awarded a two years Marie Curie Experienced Researcher position at Loughborough University, United Kingdom to work on a European Union funded Initial Training Network project titled "CoWet". After successfully completing his Research Associate position, he re-joined Mechanical Engineering Department in November 2017. He has a vast experience in Computational Fluid Dynamics (CFD) and has dealt with hydrodynamics as well as aerodynamics problems. His areas of interest include Fluid Mechanics, Numerical Methods, CFD, Aerodynamics and Computational Methods. Currently, he is teaching as well as supervising projects of students at UCP.

Dr. Zohaib Aftab
Assistant Professor

Dr. Zohaib Aftab is Assistant Professor in the Department of Mechanical Engineering. He earned his Bachelor's degree from UET Lahore in 2006 before leaving for France to pursue higher studies. He completed his Master's in Automatic Systems and Robotics in 2009 from Ecole Centrale Nantes, France, while his PhD research was focused on the Humanoid balance recovery control. During his stay abroad, he got the opportunity to work at renowned research institutes in Robotics and Control. He joined UCP in February 2013 and currently teaching the subjects of Machine Design and Mechanics of Machines to undergraduate students. He is also involved in several projects of Robotics and Control.



Dr. Muhammad Kashif
Assistant Professor

Dr. Muhammad Kashif has joined the Department of Mechanical Engineering. He obtained his PhD from University Pierre and Marie Curie Paris, France in 2013. His research areas include Internal Combustion Engines, Alternative Fuels and Auto Motives. Before pursuing his Master's and PhD degrees from France, he was working as Assistant Manager in Maritime Technologies Complex Islamabad. He graduated in Mechanical Engineering from UET Lahore in 2004. He is well versed in various research tools and software related to mechanical engineering. He has published and presented his research work in various international forums.



Prof. Mumtaz ul Hasan Zuberi
Professor

Prof. Mumtaz ul Hassan Zuberi is a senior professor of Mechanical Engineering. He graduated from University of Engineering and Technology, Lahore, in 1965 after which he completed his Master's degree. He has an extensive industrial experience and a vast consultancy practice and many of his students are renowned entrepreneurs in the field today. He has also served as the Dean of the Mechanical Department of the University of Engineering and Technology, Lahore. After his retirement, he played a crucial role in the development of the Rachna campus of UET. He has attended several conferences around the world and has written several books. He is currently a permanent member of the Mechanical Engineering faculty and has been associated with the department since its beginning.



Mr. Taimur Iqbal Qureshi
Assistant Professor

Taimur Iqbal Qureshi is an Assistant Professor in the department of Mechanical Engineering. He has done his M.Sc. in Mechanical Engineering with specialization in structures and design. He has an experience of 38 years in aviation industry with specialization in aircraft and structural components designing and manufacturing. He has appreciable contribution in attaining ISO certifications of aviation industry and a reputed educational institute of Pakistan. He has also taught at NUST and has supervised a large number of undergraduate projects in the same field. He joined UCP in July 2013. He has been engaged in teaching core engineering subjects.



Permanent Faculty Members

Name	Designation	Area of Specialization	Qualification
Prof. Mumtaz ul Hassan Zuberi	Professor	Manufacturing and Management	B.Sc. (UET) M.Sc. (UET)
Prof. Dr. Faiz -Ul-Hassan	Professor	Materials and Manufacturing Processes	B.Sc. (UET) M.Sc. (Sheffield - UK) PhD (Manchester - UK)
Dr. Rizwan Shad	Associate Professor	Applied Mechanics	B.Sc. (UET) M.Sc. (INSA - France) PhD (INSA - France)
Dr. Gulraiz Ahmed	Assistant Professor	Fluid Mechanics	BSc. (IST) M.Sc. (UK) Ph.D (New Zealand)
Dr. Zohaib Aftab	Assistant Professor	Robotics & Control	B.Sc. (UET) M.Sc. (France) PhD (France)
Dr. Muhammad Kashif	Assistant Professor	Combustion	B.Sc. (UET - Lahore) M.Sc. (UPMC - Paris) PhD (UPMC - Paris)
Taimur Iqbal Qureshi	Assistant Professor	Structures	B.Sc. (UET) M.Sc. (NUST)
Engr. Sadaf Zeeshan	Assistant Professor	Thermal Engineering	B.Sc. (UET) M.Sc. (UET)
Engr. Ahmad Mehmood	Assistant Professor	Design	B.Sc. (UET) M.Sc. (UET)
Engr. Baber Saeed	Assistant Professor	Engineering Management	B.Sc. (UET) M.Sc. (UOB - UK)
Waheed Ahmad	Assistant Professor	English Literature	B.Sc. (University of Sindh) M.Sc. (University of Sindh)
Engr. Muhammd Nouman Liaqat	Lecturer	Thermo Fluids	B.Sc. (UET) M.Sc. (GIKI Topi)
Engr. Hurair Tariq	Lecturer	Aerospace Engineering	BE (NED University) ME (NED University) M.Sc. (University of London)
Engr. Umair Naseem	Lecturer	Mechanical Engineering	B.Sc. (UET) M.Sc. (Germany)
Engr. Naseem Abbas (on study leave)	Lecturer	Mechanical Engineering	B.Sc. (UET - Taxila) M.Sc. (UET - Lahore) Phd * (In Progress)

Permanent Faculty Members

Name	Designation	Area of Specialization	Qualification
Engr. Qasim Shafqat	Lecturer	Design	B.Sc. (UET) M.Sc. (UET)
Engr. Muhammad Bilal Awan	Lecturer	Energy and Power Engineering	B.Sc. (UET - Lahore) M.Sc. (UET - Lahore)
Engr. Saboor Khatoon (On Study Leave)	Lecturer	Mechanical Engineering	B.Sc. (UET) M.Sc.* (UET) Ph.D * (In Progress)
Engr. Khizer Ahmed Zaki	Lecturer	Manufacturing and Management	B.Sc. (UET) MSc (NUST)
Engr. Marium Shahid	Lecturer	Design	B.Sc. (UET) MSc (UET)
Engr. Nabeel Younas (On Study Leave)	Lecturer	Industrial & Manufacturing Engineering	B.Sc (UET) MSc (UET)
Engr. Umer Hayat	Lecturer	Materials and Manufacturing	B.Sc. (UET) Peshawar MSc (KFUPM), Saudi Arabia
Engr. Tahir Rafiq	Lab Engineer	Mechanical Engg	B.Sc. (UET)
Engr. Qanita Ozair	Lab Engineer	Mechatronic & Control Engineering	B.Sc. (UET - Lahore) M.Sc.* UCP (In Progress)
Engr. Muhammad Numan Khalid	Lab Engineer	Mechanical Engg	B.Sc. (UCP) M.Sc.* (UET Lahore) (In Progress)
Engr. Muhammad Zain ul Abidin	Lab Engineer	Mechanical Engg	B.Sc(UET) M.Sc. (UET Lahore)
Engr. Ahmad Farid Abbas	Lab Engineer	Mechanical Engg	B.Sc. (UET Lahore) MSc*(UCP) (In Progress)
Engr. Asad Ali	Lab Engineer	Mechanical Engg	B.Sc. UCP
Ahmed Zohaib Zaidi	Research Associate	Mechanical Engg	B.Sc. (with Honors UET Lahore)

Sample Course Plan for B.Sc. Mechanical Engineering Fall '19

Knowledge Area	Course Code	Subject	Cr. Hrs	Contact Hrs	
				Theory	Labs
Semester 1					
HS	HUN1102	Basic Applied English	2+0	2	0
GS	GSN1113	Applied Calculus	3+0	3	0
	GSN1123	Applied Physics	3+0	3	0
HS	HUN1133	Islamic Studies/Ethics + Pak Studies	3+0	3	0
ES	ESN1152	Computer System and Programming	1+1	1	3
	MEN1142	Engineering Drawing, Auto CAD & Graphics	0+2	0	6
Total Hours			15	12	9
Semester 2					
ES	MEN1203	Applied Thermodynamics - I	3+0	3	0
GS	GSN1212	Linear Algebra	2+0	2	0
ES	ESN1224	Basic Electrical Engineering	3+1	3	3
	MEN1233	Engineering Materials	3+0	3	0
	MEN1243	Engineering Mechanics - I	3+0	3	0
	MEN1252	Workshop Technology	0+2	0	6
Total Hours			17	14	9
Semester 3					
GS	GSN2112	Differential Equations	2+0	2	0
ES	MEN2103	Mechanics of Machines - I	3+0	3	0
	MEN2123	Manufacturing Processes - I	3+0	3	0
	MEN2134	Applied Thermodynamics - II	3+1	3	3
	MEN2143	Mechanics of Materials-I	3+0	3	0
	MEN2154	Engineering Mechanics - II	3+1	3	3
Total Hours			19	17	6
Semester 4					
GS	GSN2213	Complex Variables & Transforms	3+0	3	0
ES	MEN2224	Mechanics of Machines II	3+1	3	3
	MEN2233	Fluid Mechanics – I	3+0	3	0
	MEN2253	Machine Design - I	3+0	3	0
	MEN2264	Mechanics of Materials - II	3+1	3	3
Total Hours			17	15	6

Sample Course Plan for B.Sc. Mechanical Engineering Fall '19

Knowledge Area	Course Code	Subject	Cr. Hrs	Contact Hrs	
				Theory	Labs
Semester 5					
HS	HUN3143	Technical Communication Skills	3+0	3	0
ES	MEN3114	Machine Design - II	3+1	3	3
	MEN3124	Fluid Mechanics – II	3+1	3	3
	MEN3134	Manufacturing Processes – II	3+1	3	3
	GSN3153	Numerical Analysis	3+0	3	0
Total Hours			18	15	9
Semester 6					
ES	GSN3212	Health, Safety & Environment	2+0	2	0
	MEN3224	Finite Element Analysis	3+1	3	3
	MEN3234	Heat & Mass Transfer	3+1	3	3
	ESN3243	Industrial Electronics	2+1	2	3
	MEN3254	IC Engines	3+1	3	3
Total Hours			17	13	12
Semester 7					
ES	MSN4103	Industrial Management & Economics	3+0	3	0
	ESN4134	Instrumentation & Control	3+1	3	3
	GSN4153	Entrepreneurship	3+0	3	0
	MEN4134	Refrigeration & Air Conditioning	3+1	3	3
	MEN4142	Final Year Project	0+2	0	6
Total Hours			16	12	12
Semester 8					
	MSN4214	Quality Assurance	3+1	3	3
	MEN4223	Power Plants	3+0	3	0
	MEN4234	Mechanical Vibrations	3+1	3	3
	MEN4244	Final Year Projects	0+4	0	12
Total Hours			15	9	18
Total Credit Hours of the Program			134		



Sample Course Plan for M.Sc. (Mechanical Engineering)

The sample course plan of the program is shown schematically in the table below:

Semester	Module Name (W)	
1st	ME-5123 Fracture and Failure Analysis (Core, 3 Credit Hours)	Course work of 24 Credit hours with 3 Core Courses
	ME-5113 Modeling and Simulation (Core, 3 Credit Hours)	
	ME-6423 CFD for Engineering Applications (Elective, 3 Credit Hours)	
	O1 Elective Course (3 Credit Hours)	
2nd	ME-5323 Automotive Powertrains (Core, 3 Credit Hours)	ME-6146 Thesis (6 Credit Hours)
	ME-6533 Robotics and Control (Elective, 3 Credit Hours)	
	ME-6063- Aerodynamics (3 Credit Hours)	
3rd	ME6513-Research Methodology (Elective, 3 Credit Hours)	ME-6146 Thesis (6 Credit Hours)
	ME-6223 Welding and Joining Processes (Elective, 3 Credit Hours)	
4th	ME-6343 Renewable Energy Systems (Elective, 3 Credit Hours)	ME-6146 Thesis (6 Credit Hours)
08 Courses + Thesis OR 10 Courses		30 Credit hours

The program consists of 30 Credit Hours. Two options are available to complete the program. However, students are encouraged to opt for Option #2 and complete their degree with 06 Credit hours of research work.

Option # 1: 30 Credit Hours course work (10 Courses)

Option # 2: Minimum 24 Credit Hours course (8 Courses) + 6 Credit Hours thesis

Civil Engineering Department

The discipline of Civil Engineering is the most dynamic and challenging field of Engineering. It involves the design, construction, supervision, operation & maintenance of large construction projects, systems including buildings, bridges, dams, barrages, canals, tunnels, roads, railways, airports, pipelines and systems for water supply and sewerage treatment. The Department of Civil Engineering at UCP offers both graduate and undergraduate programs. Accredited by Pakistan Engineering Council for batch Fall 2013 and Fall 2014, we are one of the leading Civil Engineering Departments in the city and one of the very few in the country to be in process of level-II (Washington Accord) accreditation (applied).

Fall 2013 and Fall 2014 batch have graduated, the details are shown in

Table. The Civil Engineering Department has two dedicated buildings with more than 28000 sq. ft. covered area housing faculty offices, laboratories and conference rooms along with other facilities. Experienced and qualified faculty teaches and trains the students in order to make them knowledgeable and skillful engineers. Modern laboratories have been developed in the department and are equipped with the latest machinery and apparatuses.

The Program Educational Objectives (PEOs) for the B.Sc. Civil Engineering:

These are a true reflection of the mission of the University as well as the program. They play a key role to inculcate professional attitude and practice in the graduates along with enhancing their ability to pursue higher education.

The main objectives of the program are to produce graduates, who can:

PEO 1: Exhibit and apply the knowledge of engineering fundamentals, using up-to-date design, analytical skills for investigation and solution of complex civil engineering problems.

PEO 2: Demonstrate their engineering expertise in developing environmentally sustainable and economically sound solutions for the society, in a professionally competent and ethical manner.

PEO 3: Grow professionally, as individual and as a multi-disciplinary team member, through effective communication, managerial and leadership skills.

The Academic Council of the University, Board of faculty and board of studies

of Civil Engineering Department have approved these PEOs. While defining the PEOs, the University's vision, mission and the requirements of employers have been considered. The PEOs are shared on the University website (www.ucp.edu.pk) and a copy is included in the Students Orientation kit and are displayed at various locations in the Department.

Program Learning Outcomes (PLOs)

The Program Learning Outcomes (PLOs) provided in the "PEC OBA Manual of Accreditation 2014" have been adopted for all three engineering undergraduate programs of the Faculty. The PLOs are listed as under:

PLO 1. Engineering Knowledge:

An ability to apply knowledge of Mathematics, Science, Engineering Fundamentals and an Engineering specialization to the solution of complex engineering problems.

PLO 2. Problem Analysis: An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural Sciences and Engineering Sciences.

PLO 3. Design/Development of Solutions: An ability to design solutions for complex engineering problems & design systems, components or processes that meet specified needs with appropriate consideration for public health & safety, cultural, societal and environmental considerations.

PLO 4. Investigation: An ability to investigate complex engineering problems in a methodical way including literature survey, design & conduct of experiments, analysis &

interpretation of experimental data and synthesis of information to derive valid conclusions.

PLO 5. Modern Tool Usage: An ability to create, select & apply appropriate techniques, resources, modern engineering & IT tools, including prediction & modeling to complex engineering activities with an understanding of the limitations.

PLO 6. The Engineer and Society: An ability to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal & cultural issues, the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.

PLO 7. Environment and Sustainability: An ability to understand the impact of professional engineering solutions in societal & environmental contexts and demonstrate knowledge of need for sustainable development.

PLO 8. Ethics: Apply ethical principles, commit to professional ethics, responsibilities and norms of engineering practice.

PLO 9. Individual and Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and /or multidisciplinary settings.

PLO 10. Communication: An ability to communicate effectively, orally as well as in writing, on complex engineering activities with the engineering community and with society at large, such as being able to comprehend & write effective reports and design documentation, make effective presentations to give and receive clear instructions.

PLO 11. Project Management: An

ability to demonstrate management skills and apply engineering principles to one's own work, as a member and/or leader in a team, to manage projects in a multidisciplinary environment.

PLO 12. Lifelong Learning: An ability to recognize importance of pursuing lifelong learning in the broader context of innovation and technological developments.

The PLOs are posted on the University website, displayed in the departmental buildings. These are also distributed to the students as handouts.

The Department provides an environment conducive to learning and is dedicated to enhance the students' engineering skills in order to meet the current challenges of the industry.

Foreign-qualified and experienced faculty members have been inducted to ensure the transfer of current knowledge to the students in order to make them expert professional engineers. The scheme of studies has been developed after thorough considerations with the objective of strengthening every basic aspect of engineering, which will be an asset for our graduates when they join the industry after graduation. The number of graduates from each batch is mentioned below:

Batch	No. of Graduates
Fall 2013	25
Fall 2014	16
Total	41

Research

Civil Engineering Department at UCP has strengthened the research environment by starting the M.Sc. Civil Engineering program in addition to assisting the faculty members to participate in international conferences and seminars. UCP is providing incentives for writing scholarly articles and now the joint research Journal of faculty of Engineering and Information Technology is about to start publishing its issues.



Programs Offered by Civil Engineering Department

Bachelor of Science in Civil Engineering - B.Sc. (CE)

Master of Science in Civil Engineering - M.Sc. (CE)

Bachelor of Science in Civil Engineering B.Sc.

Bachelor of Science in Civil Engineering spans over 4 years with total of 8 semesters, each of 18 weeks duration. Total number of courses to be studied during each degree program is 42-43.

Program Requirements for B.Sc. (CE)

Total Credits Hours: 133 for B.Sc. (CE)
CGPA Requirement for Degree: 2.00 or more.

Eligibility for Admission

F.Sc. (Pre-Engineering)/ A Level* (Math, Physics & Chemistry) with at least 60% marks or Diploma in Associate Civil Engineering with 60% marks and above.

Note*: A-Level students will have to submit equivalence certificate issued by Inter Board Committee of Chairmen (IBCC), Islamabad.

Admission Procedure

Admission to each program is granted strictly on merit, which is determined on the basis of the following examinations:

- HSSC - A-Levels/ Equivalent Exam.
- Entry Test – The applicants are required to pass the entry test to be eligible for the admission.

Final merit list is prepared on the basis of marks obtained in the last examination.

Master of Science in Civil Engineering M.Sc.

Master of Science in Civil Engineering (Specializing in Structural Engineering)

spans over 1.5 years minimum and 3 years maximum. Each semester consists of 18 weeks in duration. Total number of courses to be studied during the program are 10. Students also have an option to take 8 courses with thesis.

Scope of the Program

During this era of science and technology, research and development requires highly qualified and trained young engineers especially in the field of Structural Engineering. It is absolutely necessary to gain professional expertise in the field of structural analysis and design with special focus on Structural Dynamics and Advanced Concrete Technology. The recent advances in the field of material technology have offered solutions for the communication and housing problems of the increasing population of our country. This graduate program will encourage and help young engineers to learn recent advances in the field of steel and concrete construction with sound knowledge of dynamics to take up the demand of new and innovative construction

Program Requirements for M.Sc. (CE)

CGPA Req. for Degree: 2.50 or more

Option # 1: 30 Credit hours course work (10 Courses)

Option # 2: Minimum 24 Credit Hours course work (8 courses) + 6 Credit Hours thesis

The Faculty will decide to offer the thesis depending upon the available resources and performance of the students during the course work.

Eligibility for Admission in M.Sc. (CE)

16 years of schooling or 4 years education (130 credit hours) from a PEC recognized institution after HSSC/ FSc./A-Levels/Grade 12 equivalent. For admission, a minimum CGPA 2.00 (out of 4.00 in the semester system) or 2nd division (in the annual system) in bachelor/master/equivalent degree is required.

Admission Procedure

The GAT-General conducted by the National Testing Service with a minimum 50 % cumulative score is mandatory.

Admission to the program is granted strictly on merit, which is determined on the basis of performance in the following:

- Bachelor/Equivalent Exam Results
- Interview

(A subject-based written test will be conducted to shortlist the students for interviews if required)

University can administer a written test in place of GAT- General.

Graduate Teaching Assistantships (GTA-Ships)

Limited (GTA-ships) are available for students. GTA duties and scheduled hours will vary from course to course. A GTA must not be availing any other scholarship simultaneously.

Note: The minimum duration of B.Sc., CE program is 4 years and maximum duration is 7 years.

The minimum duration of M.Sc., CE program is 1.5 years and maximum duration is 3 years.

Civil Engineering Laboratories:

The Department of Civil Engineering has following laboratories equipped with latest equipment to provide adequate experimentation and testing facilities to the students of B.Sc. and M.Sc. Civil Engineering Programs.

Engineering Materials Laboratory:

Engineering Materials Laboratory, covering 1200 square feet, deals with the practical aspects of testing the construction materials like concrete, steel, wood, masonry and assessment of their mechanical properties. This laboratory also provides hands-on experience with the facilities for testing aggregate, cement, admixtures and wood. This laboratory is equipped with latest equipment including universal testing machine, compaction testing machine, Charpy impact test/machine, Rockwell hardness tester, concrete mixing equipment, electronic strain devices and other similar equipment.

Engineering Mechanics Lab:

Mechanics forms the underlying scientific foundation for a wide range of engineering endeavors. It bridges the gap between fundamental science and a wide variety of engineering disciplines. This laboratory is equipped with the basic testing equipment to enhance students' knowledge related to statics, applied physics and calculus.

Fluid Mechanics & Hydraulics Engineering Labs:

Fluid Mechanics and Hydraulic Engineering Laboratories are located in New Building and Old Building respectively; each lab has an area of 1200 square feet. Engineering properties of fluids, hydrostatics, fluid kinematics, fluid dynamics and open channel flow are some of the

important topics which are analyzed and demonstrated through experiments in these Labs. These labs are equipped with state-of-the-art hydraulic flume, turbines, sediment transport apparatus, hydraulic bench and other modern and latest equipment.

Structural Engineering Laboratory:

This is a state of the art laboratory and is equipped with latest equipment for structural analysis and strength of materials. This laboratory provides facility for full scale structural testing, model testing, stress analysis, and material property determination of various materials, systems, and structures. A range of large to small-scale experiments relating to tension, flexural, biaxial, compression and fracture tests can be conducted.

Geotechnical and Foundation Engineering Laboratory:

The Geotechnical and Foundation Engineering Laboratory established on a 1200 square feet area, is used to perform experiments related to geotechnical engineering. It is also used to apply testing principles to the measurement of fundamental aspects of soil behavior from classification to engineering properties such as soil compaction, gradation, plasticity index shear strength using direct shear apparatus and tri- axial compression testing etc.

Environmental Engineering Laboratory:

Laboratory covers an area of 1200 square feet, containing five modern and well equipped work stations, each sufficient to cater eight students. This laboratory is designed for state-of-the-art environmental analyses including water and wastewater testing and treatability studies along with auxiliary equipment such as an autoclave,

incubators, balances, pH meters and a water purification system. The laboratory is equipped for a broad range of physical, chemical, and biological testing.

Transportation and Highway Engineering Lab:

The Transportation and Highway Engineering Laboratory is equipped to conduct standard tests for asphalt pavement design and paving materials for undergraduate teaching. It is equipped to conduct all standardized tests to assess quality of highway materials and experiments that are conducted in pre- construction during-construction and post-construction phases of highways. This laboratory contains different equipment used to categorize soil and bitumen binders in terms of their properties and quality control and provides an additional exposure to the testing of highway construction materials for the Civil Engineering students.

Computer Laboratory:

The Computer Engineering Laboratory has a network of the latest computers, CAD software and computer aided analysis. The Lab is equipped with core i7 desktops. Students not only attain skills to work on software but also utilize the lab to model their final year projects.

Survey Store:

Survey Store is equipped with measuring instruments for distance, vertical and horizontal angles and elevation. It is also used for performing leveling surveys & transverse surveys and for applying corrections to geodetic observations. Latest Total Station, Theodolites, Levels and allied equipment make it state of the art facility.

Teaching Faculty - Department of Civil Engineering



Prof. Dr. Muhammad Akram Tahir

Professor

Dean, Faculty of Engineering

Prof. Dr. Muhammad Akram Tahir obtained his PhD in Structural Engineering from Asian Institute of Technology, Bangkok, Thailand. He did his M.Sc. in Structural Engineering also from Asian Institute of Technology, Bangkok, Thailand. He received his B.Sc. Civil Engineering Degree from UET Lahore. He is a member of Asian Concrete Model Code Committee and Asian Concrete Federation. His current areas of research are "use of fly ash as cementations material" and "rehabilitation of historical/heritage structures". He was a member of Commission on High Rise Buildings constituted by Supreme Court of Pakistan. He has a very wide experience of designing structures in addition to testing of materials and structures.



Prof. Dr. Kafeel Ahmed

Professor, Head of Department

Prof. Dr. Kafeel Ahmed graduated from University of Engineering and Technology Lahore with distinction. He obtained his Master of Science Degree in Structural Engineering from same University. He completed his PhD in Structural Engineering from UET Lahore with training from University of Leipzig Germany. His area of specialization was bond performance of Ultra High Strength Concrete flexural members. He is a member of America Society of Civil Engineer since 2015 and accredited Professional Engineer by Engineers Australia. He has published a large number of research papers in National and International journals. He presented papers in international conferences, proceedings on bond performance of High Strength Concrete and Ultra High Strength Concrete. He is a reviewer of a number of international Journals like American Journal of Civil Engineering and Korean Journal of Civil Engineering etc. He has twenty-three years of teaching experience at undergraduate and post graduate level with many years of international experience as Professor for ABET accredited engineering programs. Dr. Kafeel Ahmed was involved in analysis and field testing of a number of bridges of Pakistan Railways, National Highway Authority and Punjab Highways Department. He is an active member of Punjab Public Service Commission. His current areas of research are Bond performance of high performance concrete flexural members, Structural health monitoring and innovative materials of construction.



Prof. Dr. Javed Anwar Aziz

Professor

Prof. Dr. Javed Anwar Aziz obtained his Master of Engineering degree with specialization in Environmental Engineering from Asian Institute of Technology, Bangkok, Thailand. He earned his PhD in Civil Engineering from University of Birmingham, UK. Prof. Anwar has served UET Lahore for 41 years in various capacities including Director, Institute of Environmental Engineering and Research (IEER) and Dean, Faculty of Civil Engineering. His areas of interest include wastewater treatment, environmental pollution control and environmental impact assessment. He has also served as a Member of PEPC and Member Regional Advisory Committee on Environmental Health, EMRO. WHO.



Prof. Ahmad Saeed Sheikh

Professor

Prof. Ahmad Saeed Sheikh earned his B.Sc. Degree in Civil Engineering from UET, Lahore and Master in Geotechnical Engineering from Asian Institute of Technology (AIT), Bangkok, Thailand. He has served as Chairman Civil Engineering Department and Dean Faculty of Civil Engineering. He has been a member of Executive committees of various professional bodies and advisor for NHA to Ministry of Communication, Government of Pakistan. He also served as Chairman DRB, Allama Iqbal International Airport Complex, for CAA Govt. of Pakistan, AIRSYS ATM Ltd. England and J&P UK. He is the head of Geotechnical Engineering team of UCP Civil Engineering Department.



Prof. Faiz Ahmad Chishti

Professor

Prof. Faiz Ahmad Chishti obtained B.Sc. Civil Engineering Degree from West Pakistan University of Engineering and Technology, Lahore (Currently UET Lahore) in 1964 and Master Degree in Hydraulic Engineering from Asian Institute of Technology Bangkok in 1968. Prior to joining UCP, he worked as Professor and Chairman of Civil Engineering Department and Dean Faculty of Civil Engineering at University of Engineering and Technology, Lahore. Besides teaching undergraduate students within and outside the country, he was also involved in teaching and research at the Post-Graduate level.



Dr. Muhammad Babur

Assistant Professor (on study leave)

Dr. Muhammad Babur is working as an Assistant Professor in the Department of Civil Engineering, University of Central Punjab. His qualifications include B.Sc. Civil Engineering from UET Lahore, M.Sc. Hydropower Engineering, Centre of Excellence in Water Resources Engineering UET Lahore, and PhD in Water Engineering and Management from Asian Institute of Technology (AIT), Bangkok, Thailand. He had the opportunity to work on research projects of National and International repute within Pakistan, United Kingdom, Japan and Thailand. His research interests include Climate and Land-use Change, Trans-boundary Water Issues, Hydrology, Hydropower, Sedimentology, Glaciology and Water Engineering and Management.



Dr. Muhammad Awais Shafique

Assistant Professor

Dr. Muhammad Awais Shafique completed his B.Sc. Civil Engineering and M.Sc. Transportation Engineering from UET Lahore, Pakistan, in 2008 and 2011 respectively. He earned his PhD in Civil Engineering from University of Tokyo, Japan in 2015 and continued his stay there till March 2016 as a Post-Doctoral researcher. He had been associated with UET Lahore since 2009 as a faculty member, before joining University of Central Punjab (UCP) in 2017. His research interests include application of machine learning and pattern recognition in transportation.



Dr Khawaja Bilal Ahmed

Assistant Professor

Dr Khawaja Bilal Ahmed is a graduate of UET Lahore. He did his Master in Water Resources Engineering from University of De Caen France. He earned his PhD from University of Nantes France also in Water Resources Engineering. He has a teaching experience of nine years and industrial experience of four years.



Engr. Javed Rasul

Assistant Professor

He graduated in Civil Engineering from UET Lahore in 1967. His specialty is in land surveying in which he has been involved in the projects carried out all over Pakistan and abroad for last 40 years. He is considered as an authority in the field of land surveying and has received a number of appreciations from various departments of Pakistan.



Engr. Mirza Imran Ahmad Khan

Assistant Professor

Engr. Mirza Imran is a graduate of UET Lahore. He holds a Master degree in Structural Engineering from UET Lahore. He has 19 years of diverse experience of teaching, construction and structural design. Mr. Imran has more than 10 years' experience in civil engineering consulting companies related to design of reinforced concrete and steel structures. His area of interest in teaching is steel structures and structural analysis.



Engr. Mohsin Nawaz

Assistant Professor (on study leave)

Mr. Mohsin Nawaz holds a Master's degree in Civil Engineering with specialization in Geotechnical Engineering from University of Engineering and Technology (UET), Lahore. He graduated from UET Lahore in 2009. Having an excellent academic career and experience of both industry and academia, he has been associated with multinational construction organizations and is a member of our faculty since 2014.



Engr. Muhammad Arshad

Assistant Professor

Engr. Muhammad Arshad is a professional engineer who has done his B.Sc. (Civil) from UET Lahore in 1980. He has done his Master in Civil Engineering from Mississippi State University, USA in 1986 specializing in structures. He has also done his Master in Architecture from UET Lahore in 2009. He has a professional experience in structural designing in building, hydraulic structures and Dam infra-structure, supervision in bridges and roads. He served WAPDA for 30 years as a design engineer. He also worked in Saudi Arabia for 3 years. He was a visiting faculty member for 5 years in National College of arts Lahore. He has joined UCP Lahore in September 2017 as a regular faculty member.

Department of Civil Engineering-Permanent Faculty Members

Name	Designation	Area of Specialization	Qualification
Prof. Dr. M. Akram Tahir	Professor	Structural Engg	B.Sc. (UET - Lahore) M.Sc. (AIT Bangkok) PhD (AIT Bangkok)
Prof. Faiz Ahmed Chishti	Professor	Hydraulics Engg	B.Sc. (UET Lahore) M.Sc. (AIT - Bangkok)
Prof. Ahmad Saeed Sheikh	Professor	Geotechnical Engg	B.Sc. (UET Lahore) M.Sc. (AIT Bangkok)
Prof. Dr. Javed Anwar Aziz	Professor	Environmental Engg	B.Sc. (UET Lahore) M.Sc. (AIT Bangkok) PhD (Birmingham - UK)
Prof. Dr. Kafeel Ahmed	Professor	Structural Engg	B.Sc.(UET Lahore) M.Sc.(UET Lahore) PhD (UET Lahore)
Engr. Javed Rasul	Assistant Professor	Surveying Engg	B.Sc. (UET Lahore)
Dr. Muhammad Babur (On Study Leave)	Assistant Professor	Hydraulics Engg	B.Sc.(UET Lahore) M.Sc.(Miss St, USA) PhD (AIT Bangkok)
Dr. Awais Shafique	Assistant Professor	Transportatio Engg	B.Sc. (UET Lahore) M.Sc. (UET Lahore) PhD (Tokyo University)
Dr Khawaja Bilal Ahmed	Assistant Professor	Hydraulics Engineering	B.Sc. UET Peshawar M.Sc. University of De Caen France PhD University of Nantes France
Engr. Mirza Imran Ahmad Khan	Assistant Professor	Structural Engg	B.Sc. (UET Lahore) M.Sc. (UET Lahore) PGD (IT) (AIU)
Engr. Mohsin Nawaz (On Study Leave)	Assistant Professor	Geotechnical Engg	B.Sc. (UET Lahore) M.Sc. (UET Lahore)
Engr. Muhammad Arshad	Assistant Professor	Structural Engg.	B.Sc. (UET Lahore) M.Sc. (MSU USA) M.Arch. (UET Lahore)
Engr. Aiman Jamshaid	Lecturer	Hydraulics Engg	B.Sc. (UET Lahore) M.Sc. (Germany)
Engr. Muhammad Imran (On Study Leave)	Lecturer	Civil Engg	B.Sc. (UET Lahore) M.Sc. (UET Lahore)
Engr. Muhammad Safdar (On Study Leave)	Lecturer	Structural Engg	B.Sc. (UET Lahore), M.Sc. (Japan)
Engr. Muhammad Ahmad	Lecturer	Structural Engg	B.Sc. (UET Lahore) M.Sc. (UET Lahore)

Department of Civil Engineering-Permanent Faculty Members

Name	Designation	Area of Specialization	Qualification
Engr. Atiq ur Rehman	Lecturer	Structural Engg	B.Sc. (UET Lahore) M.Sc. (Czech Tech. University, Prague, Czech Republic)
Engr. Burhan Ahmad	Lecturer	Structural Engg	B.Sc. (UET Lahore) M.Sc. (UET Lahore)
Engr. Hafsa Siddiqi	Lab Engineer	Civil Engineering	B.Sc. (UET Lahore) M.Sc.* (UET Lahore)
Engr. Muhammad Shehzad Ashraf	Lab Engineer	Civil Engineering	B.Sc. (UET Lahore) M.Sc.* (UET Lahore)
Engr. Javairia Mumtaz	Lab Engineer	Civil Engineering	B.Sc. (UET Lahore) M.Sc.* (UET Lahore)
Engr. Husnain Faisal	Lab Engineer	Civil Engineering	B.Sc. (UET Lahore)
Engr. Shabaan Shehzad (On Study Leave)	Lab Engineer	Civil Engineering	B.Sc. (UET Lahore)
Engr. Waqar Maqsood	Lab Engineer	Civil Engineering	B.Sc. (FAST-NU) M.Sc.* (FAST-NU)
Engr. Fareena Fatima	Lab Engineer	Civil Engineering	B.Sc. (FAST-NU) M.Sc.* (UET Lahore)
Engr. Zarqa Mehmood	Lab Engineer		B.Sc. (UET Lahore), M.Sc.* (UET Lahore)
Engr. Ali Habib	Lab Engineer	Civil Engineering	B.Sc. (UCP Lahore), M.Sc.* (UCP Lahore)
Engr. Zain Gill	Lab Engineer	Civil Engineering	B.Sc. (UET Lahore) *In Progress

Sample Course Plan for B.Sc. (Civil Engineering)

The scheme of studies of B.Sc. Civil Engineering Program is given below:

TYP	Course Code	Subject	Credit hrs	Contact hrs/week	
				Theory	Labs
Semester 1					
EF	CEN 1102	Engineering Drawing	2	0	6
EF	CEN 1113	Civil Engineering Materials	3	2	3
ID	EEN 1124	Basic Electro-Mechanical Engineering	4	3	3
NS	GSN 1133	Applied Mathematics I	3	3	0
HU	HUN 1142	Pakistan Studies	2	2	0
HU	HUN 1152	Islamic Studies	2	2	0
		Total	16	12	12
Semester 2					
NS	CEN 1203	Engineering Geology	3	3	0
EF	CEN 1214	Engineering Surveying I	4	2	6
C	CEN 1222	Computer Programming	2	1	3
NS	GSN 1233	Applied Mathematics II	3	3	0
HU	HUN 1243	Functional English	3	3	0
		Total	15	12	09
Semester 3					
NS	CEN 2104	Engineering Mechanics	4	3	3
MB	CEN 2113	Engineering Surveying II	3	2	3
ID	CEN 2122	Architecture & Town Planning	2	2	0
NS	GSN 2133	Applied Mathematics III	3	3	0
MS	CEN 2143	Construction Engineering & Management	3	3	0
SS	HUN 2153	Elective-I	3	3	0
		Total	18	16	6
Semester 4					
EF	CEN 2203	Strength of Materials I	3	2	3
EF/C EF/C	CEN 2213	Civil Engineering Drawing & Estimation	3	1	6
EF	CEN 2223	Fluid Mechanics I	3	2	3
NS	GSN 2233	Numerical Analysis	3	3	0
NS	GSN 2243	Technical Communication Skills	3	3	0
		Total	15	11	12

Sample Course Plan for B.Sc. (Civil Engineering)

TYP	Course Code	Subject	Credit hrs	Contact hrs/week	
				Theory	Labs
Semester 5					
EF	CEN 3104	Theory of Structures I	4	3	3
MD	CEN 3113	Steel Structures	3	2	3
MD	CEN 3124	Strength of Materials II	4	3	3
MB	CEN 3133	Fluid Mechanics II	3	2	3
NS	GSN 3143	Probability and Statistics	3	3	0
		Total	17	13	12
Semester 6					
MD	CEN 3204	Theory of Structures II	4	3	3
EF	CEN 3214	Soil Mechanics	4	3	3
MB	CEN 3223	Plain and reinforced concrete I	3	2	3
MS	CEN 3234	Engineering Hydrology	4	3	3
MB	CEN 3243	Environmental Engineering I	3	2	3
		Total	18	13	15
Semester 7					
CEP	CEN 4102	Civil Engineering Projects	2	0	6
MD	CEN 4113	Geotechnical & Foundation Engineering Hydraulics Engineering	3	2	3
MB	CEN 4123	Transportation Engineering I	3	3	0
MD	CEN 4133	Hydraulics Engineering	3	2	3
MD	CEN 4143	Environmental Engineering II	3	2	3
MD	CEN 4154	Plain and Reinforced Concrete II	4	3	3
		Total	18	12	18
Semester 8					
CEP	CEN 4204	Civil Engineering Projects	4	0	12
MD	CEN 4212	Elective-II	2	1	3
MD	CEN 4223	Transportation Engineering II	3	2	3
MD	CEN 4234	Irrigation and Drainage Engineering	4	3	3
MD	CEN 4243	Structural Engineering	3	3	0
		Total	16	9	21
		Total Credit Hours of theory	100		
		Total Credit Hours of Lab	33		
		Total Credit Hours of the Program	133		
		Non-Engineering : 30%			
		Engineering : 70%			
		Elective I: Professional Ethics, Entrepreneurship, Organizational Behavior			
		Elective II: Disaster Preparedness and Management, Geo-informatics, Design of Structures			

Sample Course Plan for M.Sc. (Civil Engineering)

The Department of Civil Engineering is offering M.Sc. in Civil Engineering with specialization in Structural Engineering. The program has total of 30 credit hours and students can select from the

following two options:

Option # 1: Minimum 24 Credit Hours course work (8 courses) + 6 Credit Hours thesis

Option # 2: 30 Credit hours course work (10 Courses)

The sample course plan of the program is shown schematically in the table below:

Semester	Module
1st	Mandatory-I
	Mandatory-II
	Specialization – I
2nd	Mandatory-III
	Mandatory-IV
	Specialization – II

Semester	Module
3rd	Specialization – III
	Elective – I / Thesis
4th	Specialization – IV
	Elective – II / Thesis
08 Courses + Thesis or 10 Courses	

Sample Course Plan for M.Sc. Civil Engineering

(Specialization in Structural Engineering)

	Mandatory Subjects	Cr. Hrs.
CE-5003	Advanced Structural Analysis	3+0
CE-5013	Advanced Concrete Technology	3+0
CE-5023	Structural Dynamics	3+0
CE-5033	Advanced Reinforce Concrete Design	3+0
CE-5502	Thesis	6
Elective Subjects (Choose 3*)		
CE-5043	Finite Element Methods in Engineering	3+0
CE-5053	Pre-stressed Concrete	3+0
CE-5063	Earthquake Engineering	3+0
CE-5073	Steel Structures	3+0
CE-5083	Conceptual Design of Bridges	3+0
CE-5093	Design of Timber Structures	3+0
CE-5103	Design of Glass Structures	3+0
CE-5113	Design for Fire Resistance of Structures	3+0
CE-5123	Theory of Plates and Shells	3+0

Sample Course Plan for M.Sc. Civil Engineering

(Specialization in Geotechnical Engineering)

	Mandatory Subjects	Cr. Hrs.
CE-5203	Advanced Soil Mechanics	3+0
CE-5213	Foundation Engineering	3+0
CE-5223	Dam Engineering	3+0
CE-5233	Geotechnical Investigation	3+0
CE-5904	Thesis	6
Elective Subjects (Choose 3*)		
CE-5243	Advanced Foundation Engineering	3+0
CE-5253	Soil Improvement Techniques	3+0
CE-5263	Earth Retaining Structures	3+0
CE-5273	Rock Engineering	3+0
CE-5283	Soil Dynamics	3+0
CE-5293	Geotechnical Engineering in Professional Practice	3+0
CE-5303	Soil Improvement Techniques	3+0
CE-5513	Soil Erosion & Watershed Management	3+0

* Note: One course may be taken from other specialization or department with advisor's approval



Engineering Technology Programs

Technology graduates are trained according to Outcome Based Education & Assessment System (OBE&AS) to meet international standards (Sydney Accords). The curricula and facilities of Technology department have been

developed in conformance with NTC/HEC guidelines.

B.Sc. Engineering Technology program was launched in Fall - 2018 with the approval of National Technology

Council (Higher Education Commission). Classes in the following Engineering Technologies commenced with effect from October, 2018.

B.Sc. (Electrical Engineering Technology)

B.Sc. (Mechanical Engineering Technology)

B.Sc. (Civil Engineering Technology)

Program Educational Objectives:

PEO 1: Graduates will have demonstrable knowledge of Engineering Technology suitable for career pursuits and workplace needs.

PEO 2: Graduates will have the ability to understand, diagnose technical problems and be able to devise and communicate solutions to these problems in different situations.

PEO 3: Graduates will demonstrate intellectual curiosity to pursue actively the knowledge and skills necessary to refine and improve ability to advance

technology domain.

PEO 4: Graduates will possess ethical commitment to successfully deal with socially, technically and professionally complicated situations at work and residence.

Program Learning Objectives (PLO)

PLOs are statements that describe what students are expected to know and to be able to do by the time of graduation. The students are expected to demonstrably attain a well-defined acceptable minimum level of a certain

set of knowledge, skills and behavioral traits. Followings are the PLOs for B.Sc Engineering Technology programs in Electrical, Mechanical and Civil Engineering:

i. Engineering Technology Knowledge (SA1): An ability to apply knowledge of mathematics, natural sciences, Engineering Technology fundamentals & Engineering Technology specialization to defined and applied Engineering Technology procedures, processes, systems and methodologies.

ii. Problem Analysis (SA2): An ability to identify, formulate, research literature and analyze broadly defined Engineering Technology problems reaching substantiated conclusions using analytical tools appropriate to the discipline or area of specialization.

iii. Design/Development of Solutions (SA3): An ability to design solutions for broadly defined Engineering Technology problems and contribute to the design of systems, components or processes to meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.

iv. Investigation (SA4): An ability to conduct investigations of broadly defined problems; locate, search & select relevant data from codes, data bases & literature, design and conduct experiments to provide valid conclusions.

v. Modern Tool Usage (SA5): An ability to select and apply appropriate techniques, resources & modern technologies, IT tools including

prediction and modeling to broadly defined Engineering Technology problems, with an understanding of limitations.

vi. The Engineering Technologist and Society (SA6): An ability to demonstrate understanding of societal, health, safety, legal & cultural issues; the consequent responsibilities relevant to Engineering Technology practice and solutions to broadly defined Engineering Technology problems.

vii. Environment and Sustainability (SA7): An ability to understand, evaluate the sustainability and impact of Engineering Technology problems in societal & environmental contexts.

viii. Ethics (SA8): Understand, commit to professional ethics, responsibilities and norms of Engineering Technology practice.

ix. Individual and Team Work (SA9): An ability to function effectively as an individual and as a member in diverse teams.

x. Communication (SA10): An ability to communicate effectively on broadly defined Engineering Technology activities with the Engineering Technologist community & with society at large, by being able to comprehend, write effective reports & design documentation and make effective presentations to give and receive clear instructions.

xi. Project Management (SA11): An ability to demonstrate knowledge & understanding of Engineering Technology management principles, apply these to one's own work, as a member or leader in a team and to manage projects in multidisciplinary environments.

xii. Lifelong Learning (SA12): An ability to recognize the need for, and have the ability to engage in independent and lifelong learning in specialist Engineering Technologies.

PEO and PLO Mapping Matrix

SR#	Program Learning Outcomes	Program Educational Outcomes			
		PEO 1	PEO 2	PEO 3	PEO 4
1	Engineering Technology Knowledge	✓			
2	Problem Analysis		✓		
3	Design/Development of solution			✓	
4	Investigation		✓		
5	Modern Tool Usage		✓		
6	The Engineering Technologist and society				✓
7	Environment and Sustainability				✓
8	Ethics				✓
9	Individual and Team Work		✓		
10	Communication		✓		
11	Project Management			✓	
12	Lifelong Learning			✓	

Sample Course Plan for B. Sc. Mechanical Engineering Technology

Knowledge Area	Course Code	Subject	Prerequisite	Cr. Hrs.	Credit Hours / Week		Contact Hrs
					Theory	Labs	Theory+Lab
Semester 1							
HU	TG1103	English Communication Skills		3	2	1	2+2
GS	TG1113	Applied Mathematics I		3	3	0	3+0
ES	TP1123	Computer Applications		3	1	2	1+4
GS	TG1133	Applied Physics		3	2	1	2+2
ES	TM1144	Workshop Technology		4	1	3	1+6
Total Hours				16	9	7	9+14=23
Semester 2							
HU	TH1203	Islamic Studies & Pakistan Studies		3	3	0	3+0
GS	TG1213	Applied Mathematics -II		3	3	0	3+0
ES	TM1224	Technical Drawing and CAD -I		4	1	3	1+6
ES	TE1234	Basic Electrical & Electronics		3	1	2	1+4
ES	TM1243	Applied Thermodynamics-I		4	2	2	2+4
Total Hours				17	10	7	10+14=24
Semester 3							
GS	TG2103	Applied Chemistry		3	2	1	2+2
ES	TM2114	CAD-II		4	1	3	1+6
ES	TM2124	Industrial Material		4	2	2	2+4
ES	TM2133	Mechanics of Material		3	2	1	2+2
ES	TM2144	Applied Thermodynamics -II		4	2	2	2+4
Total Hours				18	9	9	9+18=27
Semester 4							
HU	TH2202	Professional Ethics		2	2	0	2+0
ES	TM2213	Industrial Management		3	3	0	3+0
ES	TM2222	Machine Design		2	2	0	2+0
ES	TM2234	Fluid Mechanics		4	2	2	2+4
ES	TM2242	Statics		2	2	1	2+2
ES	TM2253	Probability and Statistics		3	3	0	3+0
Total Hours				16	14	3	14+6=20

Sample Course Plan for B. Sc. Mechanical Engineering Technology

Knowledge Area	Course Code	Subject	Prerequisite	Cr. Hrs.	Credit Hours / Week		Contact Hrs
					Theory	Labs	Theory+Lab
Semester 5							
MG	TH3102	Economics		2	2	0	2+0
ES	TM3113	Heat Transfer		3	2	1	2+2
ES	TM3123	IC Engine		3	1	2	1+4
ES	TM3133	Dynamics		3	2	1	2+2
ES	TM3144	Manufacturing Processes		4	2	2	2+4
ES	TM3153	Material Handling & Safety		3	3	0	3+0
Total Hours				18	12	6	12+12=24
Semester 6							
HU	TH3203	Technical Writing & Presentation Skills		3	2	1	2+2
ES	TM3213	Technical Project		3	0	3	0+6
ES	TM3223	Instrumentation and Control		3	2	1	2+2
ES	TM3233	Mechanical Vibration		3	2	1	2+2
ES	TM3244	Refrigeration & Air Conditioning		4	2	2	2+4
MG	TH3253	TQM		3	3	0	3+0
Total Hours				19	11	8	11+16=27
Semester 7							
ES	TM4116	Supervised Industrial Training (Continued)		16	0	16	0+32
Total Hours				16	0	16	0+32=32
Semester 8							
ES	TM4216	Supervised Industrial Training		16	0	16	0+32
Total Hours				16	0	16	0+32=32



Sample Course Plan for B.Sc. Electrical Engineering Technology

Knowledge Area	Course Code	Subject	Prerequisite	Cr. Hrs.	Credit Hours / Week		Contact Hrs
					Theory	Labs	Theory+Lab
Semester 1							
HU	TG1103	English Communication Skills		3	2	1	2+2
GS	TG1113	Applied Mathematics I		3	3	0	3+0
ES	TP1123	Computer Applications		3	1	2	1+4
GS	TG1133	Applied Physics		3	2	1	2+2
ES	TE1144	Linear Circuits Analysis		4	2	2	2+4
Total Hours				16	10	6	10+12=22
Semester 2							
HU	TG1203	Islamic Studies & Pakistan Studies		3	3	0	3+0
GS	TG1213	Applied Mathematics-II		3	3	0	3+0
ES	TM1224	Technical Drawing and Cad - I		4	1	3	1+6
ES	TM1233	Basic Mechanical Technology		3	2	1	2+2
ES	TE1244	Electronics		4	2	2	2+4
ES	TE1254	DC Machine & Transformers		4	2	2	2+4
Total Hours				21	13	8	13+16=29
Semester 3							
GS	TG2103	Applied Chemistry		3	3	0	3+0
ES	TE2112	Power Generation System		2	2	0	2+0
ES	TE2124	Electrical Instruments and Measurement		4	2	2	2+4
ES	TE2134	AC Circuits Analysis		4	2	2	2+4
ES	TE2144	Digital Electronics		4	2	2	2+4
Total Hours				17	11	6	11+12=23
Semester 4							
ES	TE2204	AC Machine		4	2	2	2+4
ES	TE2212	Electro-Magnetic Fields		2	2	0	2+0
ES	TE2223	Electrical Power Transmission		3	2	1	2+2
ES	TE2233	Electrical Power Distribution and Utilization		3	2	1	2+2
ES	TE2244	Power Electronics		4	2	2	2+4
Total Hours				16	10	6	10+12=22

Sample Course Plan for B.Sc. Electrical Engineering Technology

Knowledge Area	Course Code	Subject	Prerequisite	Cr. Hrs.	Credit Hours / Week		Contact Hrs
					Theory	Labs	Theory+Lab
Semester 5							
ES	TE3103	Microprocessor Theory and Interfacing		3	2	1	2+2
ES	TE3113	Switch Gear & Protective Devices		3	2	1	2+2
ES	TE3124	Communication Technology		4	2	2	2+4
ES	TE3133	Control Technology		3	2	1	2+2
MG	TM3142	Total Quality Management		2	2	0	2+0
Total Hours				15	10	5	10+10=20
Semester 6							
HU	TH3202	Technical Report Writing		2	2	0	2+0
ES	TE3214	Data & Computer Communication		4	2	2	2+4
ES	TE3223	Power System Analysis		3	3	0	3+0
ES	TE3233	High Voltage Technology		3	2	1	2+2
ES	TE3244	Industrial Drives and PLC		4	2	2	2+4
ES	TE3253	Technical Project		3	0	3	0+6
Total Hours				19	11	8	11+16=27
Semester 7							
ES	TE4115	Supervised Industrial Training		15	0	15	0+30
Total Hours				15	0	15	0+30=30
Semester 8							
ES	TE4215	Supervised Industrial Training		15	0	15	0+30
Total Hours				15	0	15	0+30=30



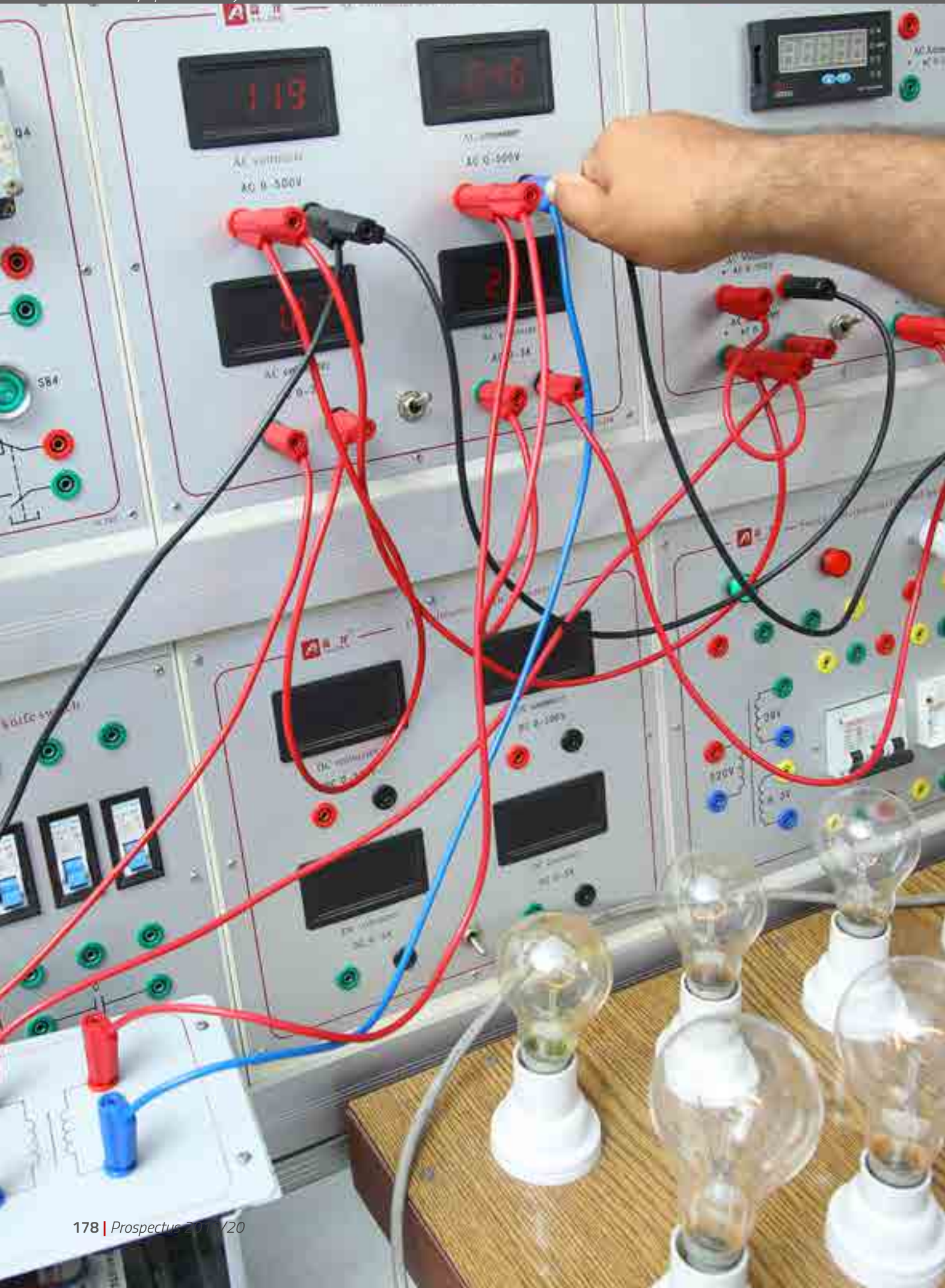
Sample Course Plan for B.Sc. Civil Engineering Technology

Knowledge Area	Course Code	Subject	Prerequisite	Cr. Hrs.	Credit Hours / Week		Contact Hrs
					Theory	Labs	Theory+Lab
Semester 1							
HU	TG1103	English Communication Skills		3	2	1	2+2
GS	TG1113	Applied Mathematics-I		3	3	0	3+0
ES	TP1123	Computer Applications		3	1	2	1+4
ES	TC1134	Civil Engineering Drawing		4	1	3	1+6
ES	TC1144	Surveying		4	2	2	2+4
Total Hours				17	9	8	9+16=25
Semester 2							
HU	TH1203	Islamic Studies & Pakistan Studies		3	3	0	3+0
GS	TG1213	Applied Mathematics -II		3	3	0	3+0
ES	TC1224	Concrete Technology		4	2	2	2+4
ES	TC1234	Applied Mechanics		4	2	2	2+4
ES	TC1244	Materials and Methods of Construction		4	2	2	2+4
Total Hours				18	12	6	12+12=24
Semester 3							
ES	TC2103	Quantity Surveying and Contracts Documents		3	1	2	1+4
ES	TC2114	Soil Mechanics		4	2	2	2+4
ES	TC2124	Fluid Mechanics		4	2	2	2+4
ES	TC2134	Mechanics of Solids		4	2	2	2+4
Total Hours				15	7	8	7+16=23
Semester 4							
ES	TC2204	Transportation Engineering		4	2	2	2+4
ES	TC2214	Water Supply and Waste Water Management		4	2	2	2+4
ES	TC2224	Environmental Management		4	2	2	2+4
ES	TC2233	Theory of Structures		3	2	1	2+2
ES	TC2241	Occupational Health and Safety Management		1	1	0	1+0
HU	TH2253	Technical Report Writing		3	3	0	3+0
Total Hours				19	12	7	12+14=26

Sample Course Plan for B.Sc. Civil Engineering Technology

Knowledge Area	Course Code	Subject	Prerequisite	Cr. Hrs.	Credit Hours / Week		Contact Hrs
					Theory	Labs	Theory+Lab
Semester 5							
ES	TC3104	Hydrology		4	2	2	2+4
ES	TC3114	Reinforced Concrete Structures		4	2	2	2+4
ES	TC3123	Construction and Hydraulic Machinery		3	2	1	2+2
ES	TC3134	Computer Aided Building Modling and Design		4	1	3	1+6
ES	TC3143	Foundations Engineering		3	2	1	2+2
Total Hours				18	9	9	9+18=27
Semester 6							
MG	TH3203	Project Management		3	2	1	2+2
ES	TC3213	Pre- Stressed & Precast Concrete		3	2	1	2+2
ES	TC3223	Geology and Earthquake Engineering		3	2	1	2+2
ES	TC3233	Irrigation & Hydraulic Structures		3	2	1	2+2
ES	TC3243	Steel Structures		3	2	1	2+2
ES	TC3253	Technical Project		3	0	3	0+6
Total Hours				18	10	8	10+16=26
Semester 7							
ES	TC4116	Professional Supervised Field Training		16	0	16	0+32
Total Hours				16	0	16	0+32=32
Semester 8							
ES	TC4216	Professional Supervised Field Training		16	0	16	0+32
Total Hours				16	0	16	0+32=32





Engineering Technology Faculty

Name	Designation	Area of Specialization	Qualification
B.Sc. Electrical Engineering Technology			
Dr. Allaha Ditta Raza	Associate Professor	Telecommunication Engineering	B.Sc. (UET Lahore), M. Sc. (UET Lahore), Ph.D. (FAST NU, Lahore)
Engr. Col. (Rtd.) Sikandar Qayyum	Assistant Professor	Telecommunication Engineering	B.Sc. (UET) M.Sc. (UET) PGC (Hons) Humber College, Toronto, Canada
Engr. Umer Munir	Lecturer	Power Systems Engineering	B.Sc. UCP, M.Sc. UCP

B.Sc. Mechanical Engineering Technology			
Engr. Muhammad Adeel Hassan	Lecturer	Thermal/ Energy Engineering	B.Sc. (UET - Taxila) KTH Royal Institute of Technology (Sweden)
Engr. Muhammad Waseem Iqbal	Lab Engineer	Mechanical Engg	B.Sc. (UET)
Engr. Faraz Jamshed	Lab Engineer	Mechanical Engg	B.Sc. UCP

B.Sc. Civil Engineering Technology			
Engr. Hanan Saif	Lecturer	Hydraulics Engg	B.Sc. (BZU Multan), M.Sc. (UET Lahore)
Engr. Tanveer Younas	Lecturer	Civil Engineering	B.Sc. (UET Lahore), M.Sc. (UET Lahore)
Engr. Adnan Ashraf	Lab Engineer	Civil Engineering	B.Sc.(UCP Lahore), M.Sc.*(UCP Lahore)

Laboratories

Engineering Technology department will share the laboratories with Electrical/Mechanical/Civil Engineering departments.

B. Sc. Engineering Technology Programs

Bachelor of Science in Electrical, Mechanical and Civil Engineering Technology spans over 4 years with

total of 8 semesters, each of 18 weeks duration. The first six semester will be taught semesters. The last two semesters will comprise supervised Industrial Training. Credit hour distribution is as per the table below.

Type of course	Electrical	Mechanical	Civil
Course work	104	104	105
Supervised Industrial Training	30	32	32
Total Credit hour	134	136	137

CGPA requirement for successful completion of degree is 2.00.

Eligibility for Admission

F.Sc. (Pre-Engineering)/ A Level* (Math, Physics & Chemistry) marks or Diploma in Associate Electrical/ Electronic/Mechanical/Civil Engineering with at least 50% marks. Diploma holders will be eligible for admission in their respective specialization only.

The applicants are required to pass the entry test to be eligible for the admission. Final merit list is prepared on the basis of marks obtained in the last examination and the entry test.

The merit and waiting lists are posted on the website and the notice board of Faculty. Admission letters to the

successful applicants are also issued so that the dues can be paid within the specified date.

Note*: A-Level students will have to submit equivalence certificate issued by Inter Board Committee of Chairmen (IBCC), Islamabad.

Faculty of Arts & Social Sciences



Dr. Fehmida Sultana
Dean

Welcome to Faculty of Arts & Social Sciences at the University of Central Punjab- Our passion is to provide you with an exceptional environment to pursue your studies in a wide variety of programs. Come and join our large, vibrant and diverse community of scholars, students and professionals to achieve your academic and scholastic goals. Being FASS graduates, you can go onto doing astounding things with your degrees by becoming future teachers, bankers, entrepreneurs, economists, psychologists, human rights activists, civil servants, diplomats, writers, journalists, researchers, media personals and more. With specialized and innovative curricula, skill based training, rich exposure to extracurricular activities; we prepare you for life both in and beyond university.

Introduction

Faculty of Arts & Social Sciences (FASS) was established in 2009. FASS not only teaches degree programs at undergraduate and graduate level in Arts and Social Sciences, but also provides support across faculties in teaching language and Social Science courses.

A conscious effort is made to develop curriculum, taught in various programs, contemporary and at the same time challenging in order to foster a spirit of critical inquiry, an urge to discover, learn and reflect on issues facing humanity perennially. Although study of liberal arts and social sciences has been given a lot of importance in higher education all over the world, but students in Pakistan are usually confused about earning a degree in arts and social sciences subjects. They think that a degree in social sciences hampers their job prospects and does not develop skills and attitudes needed for success in professional paths they choose in their lives. To dispel such misconceptions, we have devised curriculum which is contemporary in course selection and learning environment which is interactive and robust. This ensures that students acquire well developed communication and interpretive skills, a habit for independent thinking, and a sense of personal and professional responsibility which employers seek in candidates in today's job market.

Faculty of Arts and Social Sciences currently runs three departments, Department of Psychology, Department of Economics and Department of English. All departments offer BS (Honors) and MS degrees in their respective subjects. A number of majors and minors are offered to cater the diverse interests and professional

ambitions of students. Students are allowed to choose courses and devise combinations of majors and minors

which are most relevant to them, while still enjoying a degree which falls under HEC guidelines.

Department of Psychology

Psychology is basically recognized as one of the most important disciplines not only in the fields of business, management and economic decision making, but also among the entire body of Social Sciences. National education data shows that psychology is among the most popular disciplines in Pakistan and a large number of students seek opportunities for post-graduate education in this subject. The Psychology Department at UCP has been established to cater the needs of this segment of students striving to make a career in the field of psychology in

academia or in industry. This year the department plans to launch several psychology-based training programs for people in industry, business and management to help in improving their performance and career prospects, specifically for HR Specialists and business managers.

The department equips students in other faculties with basic knowledge of psychology by offering certain introductory level courses. This practice will continue this year as well with an effort to rationalize and standardize the input provided by the department.

BS (Hons.) Psychology

In 2012 BS (Hons.) in Psychology was launched. It is one of the most popular programs offered by FASS and the number of students in this department has grown phenomenally within short time period. The BS program seeks to provide a broad-based education to students with an emphasis on producing graduates who have knowledge about the world around them and have the ability to adjust and contribute to their communities and society.

The 4 years' program, in addition to building a strong foundation of knowledge and skills in psychology also includes study of a foreign language. Which equips a candidate

to a considerable degree of competence and fluency, ability to use information technology effectively and the ability to communicate well both in spoken as well as written expression.

Eligibility Criteria:

FA/F.Sc. from HEC recognized board/institution Or A-Level from an English educational system or equivalent thereof from other foreign systems.

Minimum 2nd division/45% marks and an in-house written test will be conducted by the department.

Overview

The graduates will take courses from a wide range of subjects being offered by

the FASS. The BS (Hons.) program is of four years divided into eight semesters of four months each. In the final year, students will have the option to pick an

additional course work or a research project. The total number of credit hours is 124-126 as recommended by the HEC.

Four Years Sample Course Plan for BS Psychology

Semester I	Cr. Hrs.	Semester V	Cr. Hrs.
English-Basic Writing Skills (C)	3	Muslim Psychology (Major)	3
Introduction to Psychology (DSF)	3+1	Theories of Personality II (DSF)	3
Introduction to Anthropology (GC)	3	Mental Health and Psychopathology I (DSF)	3
Islamic and Arabic Studies (C)	3	Positive Psychology (Major)	3
Introduction to Information Technology (C)	3	Research Method Quantitative (Major)	3
Total	16	Total	15
Semester II	Cr. Hrs.	Semester VI	Cr. Hrs.
English Advanced Writing (C)	3	Mental Health and Psychopathology II (DSF)	3
History and School of Psychology (DSF)	3	Qualitative Research Method (Major)	3
Introduction to Political Science (GC)	3	Cognitive Psychology (Major)	3
Pakistan Studies (C)	3	Ethics in Psychology (Major)	3
Introduction to Biology (GC)	3	Electives 1	3
Total	15	Total	15
Semester III	Cr. Hrs.	Semester VII	Cr. Hrs.
Presentation Techniques	3	Applied Statistics (DSF)	3
Introduction to Philosophy (GC)	3	Psychological Assessment I (Major)	3
Experimental Psychology (DSF)	3+1	Technical Writing in Psychology (Major)	3
Foreign Language (C)	3	Neurological Basis of Behavior (DSF)	3
Introduction to Sociology (C)	3	Elective II	3
Total	16	Research Project	6*
Semester IV	Cr. Hrs.	Total	21
Statistics (C)	3	Semester VIII	Cr. Hrs.
Introduction to Media Communication (G)	3	Cross Cultural Psychology (Major)	3
Social Psychology (DSF)	3	Psychological Assessment II (Major)	3
Developmental Psychology (DSF)	3	Organizational Behavior (Major)	3
Human Resource Management (G)	3	Elective III	3
Theories of Personality I	3	Elective IV	3
Total	18	Internship	2*
		Total	17
		*Continued in 8th semester as well.	

MS Clinical Psychology

This program prepares students to understand the biological, affective, cognitive and social basis of human behavior. Students study Individual differences, Psycho diagnosis, Psychopathologies and Psychotherapies. Ethical principles applied to research and clinical practice are an integral part of this course. MS clinical Psychology also offers practical training in a clinical setting backed by academic teaching to provide a solid theoretical foundation. The students are placed in hospitals and clinics during their study program.

There are number of employment opportunities for clinical psychologists. They can work in hospitals and

medical clinics, mental health centers, rehabilitation centers, special schools, community service agencies, education sector (as academicians, researchers and clinicians), armed forces and police, or can establish their own private practice.

Eligibility Criteria:

- M.Sc., BS (Honors), with a psychology major
- Minimum 2nd Division or 2.50 CGPA
- Duration: 2 Years

Note: Students awaiting result may also apply for admission on provisional basis.

Two Years Sample Course Plan for MS Psychology

Semester I	Cr. Hrs.
Psycho Diagnosis & Assessment I	3+1
Psychotherapy I	3
Psychopharmacology	3
Ethical and Legal Issues	2
Total	12
Semester II	Cr. Hrs.
Psychodiagnosis & Assessment II	3+1
Psychtherapy II	3
Research Methodology	3
Clinical Placement	3
Total	13
Semester III	Cr. Hrs.
Clinical Placement	3
Neuropsychology	3
Statistics	3
Thesis	6*
Total	15
Semester IV	Cr. Hrs.
Clinical Placement	3
Total	3

MS Clinical Psychology Total 12+13 +15+3 = 43 *continued in 4th semester as well.



PhD Clinical Psychology

Psychology department at UCP is constantly striving to set higher standards of education by providing an inspirational and resourceful environment to students. After successful launch of BS and MS Psychology, the department started PhD program in Clinical Psychology, which prepares students in teaching, research, and practice in various domains of Psychology. After completing their PhD, students will be ready to work in a variety of professional settings e.g. hospitals, prisons, schools, colleges, universities and research institutes.

Eligibility Criteria:

The candidate should fulfill the following requirements to be eligible for admission:

- MS/M.Phil. in Clinical Psychology from an HEC recognized University, or M.Sc. from a university abroad with a minimum CGPA of 3.00.
- Advanced diploma in clinical psychology (ADCP) is required in addition to the above mentioned degrees other than MS/M.Phil. in Clinical psychology
- The candidates must have cleared the GRE (subject test) administered by NTS, or GRE international, with minimum of 60% marks. 70% is required in case of UCP entry test.

PhD requirements

- There will be 18 credit hours of taught courses which have to be completed preferably within the first year of enrollment
- All candidates will have to clear a Comprehensive Exam, comprising of two components:

- A scholarly and integrative literature review in a given area through a viva voce
 - A formal written examination in subjects completed at UCP
- Successful candidates will formulate a proposal and defend it in front of Doctoral Program committee (DPC) representing a major research project, planned, developed, and to be executed by the student. After approval of the DPC Committee, research proposals will be submitted to BASR for final approval
 - Candidates with specialization in Clinical Psychology will be required to complete Dyadic Analysis with PhD supervisor, (subject to the successful completion of course work and approval of proposal by BASR)
 - All dissertations will undergo the plagiarism check, and will be sent to foreign reviewers. If reviewers recommend award of a degree, this would be followed by an open defense as well as a viva voce by the DPC committee for award
 - All candidates will be required to complete on-site training / practicum in their area of specialization.

Courses

Core: To be studied by all students:

- Advanced Research Methods in psychology
- Advanced Statistical Analysis in psychology
- Psychometric assessment
- Seminar relevant to their specialization



Department of Economics

Introduction

The critical role of the subject of Economics and the economists in identifying and suggesting remedial measures for multiple problems hindering the socio-economic growth of a society is well recognized not only in Pakistan but also all over the world.

At its present stage of development, Pakistan is facing multiple constraints on the way of economic growth due to a lack of professionals having command over knowledge and its application in various areas of development, policy making, implementation and evaluation. Even teaching, research and normal operations of the various institutions in the public and private sectors suffer due to inadequacy of trained human resource. To fill this gap, we have taken the initiative to train the students with the cutting edge knowledge in economics through undergraduate and graduate studies in economics. These students on graduation will be ready to take jobs in the public and private sector and also can start their own businesses and consultancies in their areas of specialization.

Initially the department of Economics

BS Economics

(with specialization in either Development Economics or Business Economics)

Eligibility Criteria

A candidate must have Intermediate Certificate in Arts, Sciences or Commerce from a recognized Board/ Institution of higher education in

was established for teaching the subjects of Microeconomics, Macroeconomics, Economic Analysis and Managerial Economics to support the BBA and MBA programs of Faculty of Management Studies. In pursuance of our long-term vision, BS Economics and Finance program was launched in Fall 2011 by FASS. A separate and independent Economics Department was established to offer various degrees in the said subjects.

To further strengthen the BS Economics program, the department was reoriented to offer specializations in Development and Business Economics with the objective to prepare students to work in public and private sectors, specifically, banking and development sectors in the country and abroad.

The MS/M.Phil. Program was started in Fall 2013 to be followed by PhD in later semesters. So far, seven M.Phil. Students have successfully completed their degrees and other seven students of M.Phil. Economics are working on their thesis. Thesis of M.Phil. students are evaluated by the experts in the respective fields and quality of the research work is ensured rigorously.

Pakistan or A-Levels from an English Educational System. Candidates are also required to appear in an in-house written test, followed by an interview.

Duration:

BS Economics is a 4 years' program of 8 semesters with 130 credit hours.

Four Years Sample Course Plan for BS Economics

(with specialization in either Development Economics or Business Economics)

Semester I			Semester V		
Course	Title	Cr. Hrs.	Course	Title	Cr. Hrs.
C	English	3	M	Econometrics-I	3
F	Microeconomics-I	3	M	International Economics	3
C	Mathematics I	3	F	Development Economics	3
C	Introduction to Computer	3	M	Issues in Pak Economy	3
G	Introduction to Sociology	3	M	WTO, Globalization and Economic Integration	3
		15			15
Semester II			Semester VI		
C	English	3	M	Econometrics-II	3+1
F	Mathematical Economics	3	M	Monetary Economics	3
F	Macroeconomics-I	3	M	Introduction to Game Theory	3
C	Statistics I	3	E	Elective-I	3
G	Introduction to Management	3	E	Elective-II	3
G	Geography	3			16
		18	Semester VII		
C	English III	3	M	Public Sector Economics	3
F	Microeconomics-II	3	C	Research Methods	3
F	Statistics II	3	E	Elective-III	3
C	Islamiyat	3	E	Elective-IV	3
G	Business Administration	3	E	Elective-V	3
G	Mercantile Law	3			15
		18	Semester VIII		
F	Macroeconomics-II	3	E	Elective-VI	3
C	Pakistan Studies	3	E	Elective-VII	3
G	Introduction to Philosophy	3	E	Elective-VIII	3
F	World Economic History	3	E	Elective-IX	3
F	Entrepreneurship	3	E	Elective-X/Thesis	3
F	Islamic Economics	3			15
		18			

List of Elective Courses

Business Economics

- Introduction to Finance
- Financial Accounting
- Fundamentals of Management
- Financial Management
- Business Analysis
- Project Planning and Appraisal
- Human Resource Management

- Investment Analysis
- Business Ethics
- Islamic Banking and Finance

Development Economics

- Environmental Economics
- Health Economics
- Population Economics
- Rural Development

- Urban Economics
- Industrial Economics
- Regional Economics
- Poverty and Income Distribution
- Economic Growth
- Development Policy
- Public Policy
- Labor Economics
- Development Economics

MS/M.Phil. Economics

MS/M.Phil. Economics leading to PhD is designed as intensive and rigorous degree program that intends to investigate and discover solutions to national and international economic issues. Two factors contribute to the high quality of research and training of our students: one is strong foundation in basic topics of economics; the other is to create a research-led environment where students work alongside leading researchers to develop the skills required to become professional economists, researchers and analysts. MS/M.Phil. students are required to complete 36 credit hours. During first two semesters, MS/M.Phil. students are expected to complete 24 credit hours (12+12) of course work. In third semester, MPhil students choose two

elective courses (6 credit hours) along with a thesis of 6 credit hours, while MS students opt four elective courses of 3 credit hours.

UCP is proud of its competent, qualified, experienced and dedicated faculty members. The faculty includes experienced teachers and professionals who blend theory with practice. The teaching environment is highly conducive for research and learning. Students are mentored by the teachers who are avid researchers in their respective areas of interest and regularly publish articles, books and research papers in reputed journals. They also inculcate this culture of research in students to promote their sense of inquiry.

Eligibility Requirements for Admission

BS (Hons)/BBA/ MBA/MA/M.Sc. (Economics) or equivalent (with 16 years of education) with 2nd Div./2.50 CGPA. Students awaiting result may also apply for admission on provisional basis.

Minimum Duration: 2 years

Minimum Credit Hours: 36

Minimum CGPA: 2.50

Core Courses	
Advanced Microeconomics	3
Advance Macroeconomics	3
Leading Issues in Pakistan's Economy	3
Research Methods in Economics	3
Advanced Econometrics	3

List of Elective Courses

- Economics of Governance
- International Trade and Finance
- Topics in Development Economics
- Monetary Theory and Policy
- Economics of Poverty
- Globalization and Economic Integration
- History of Economic Thought
- Health Economics
- Industrial Economics
- Economics of Business and Finance
- Environmental Economics

- Topics in Labor Economics
- Population Dynamics and Migration
- Topics in Agriculture Economics
- Topics in Urban Economics
- Islamic Economics: Theory and Policy
- Game Theory
- Shariah Compliant Banking and Finance
- Time Series Econometrics
- Applied Economics
- Advanced Mathematical Economics

- Advanced Statistical Economics
- Topics in Microeconomics
- Topics in Macroeconomics
- Public Economics
- Financial Econometrics
- Financial Economics
- Topics in Experimental Economics
- Transport Economics
- Energy Economics
- Behavioral Economics
- Economics of Regulations
- Agriculture Economics and Management



Department of English

Department of English is a major component of the Faculty of Arts and Social Sciences in University of Central Punjab. The department offers three academic programs with a vision to provide enlightening and transformative learning opportunities to students from undergraduate to postgraduate level. The offered degree programs consist of 4-Year BS English Language & Literature, 2-Year

MS/M.Phil. Applied Linguistics and 2-Year MS/M.Phil. English Literature. The combination of linguistics and literature adds diversity to our programs. It enables the graduates to learn contemporary trends and innovations in language, linguistics and literary field. A highly qualified, experienced and competent team of educationists looks into the academic needs of the learners and implements

these programs in a very professional manner. Major feature of these programs is to focus on developing critical thinking and research skills of students. Furthermore, these programs are designed to meet the demands of current job market. Equipped with professional skills, our graduates are well prepared for career in the fields such as media, education, civil services and business.

BS English (Hons.) Language and Literature

Department of English offers a rigorous and intensive 4-Year degree program in English Language and Literature. The program aims at developing learners' ability to critically read and analyze linguistics and literary texts in their historical, socio-political, cultural and philosophical contexts combined with aesthetic pleasure and intellectual stimulation. Emphasis is on the breadth and depth of coverage in the selection of courses in order to develop an understanding of different genres and forms of literary expression (poetry, prose, novel, drama, non-fiction) as well as linguistic and

rhetorical skills through frequent reading and writing assignments and class discussions.

Program structure is flexible and diverse to cater the needs of the contemporary job market and student interests at the same time. Study of literature is blended with study of English language with the aim of improving the linguistic and pedagogical competence of those who wish to choose teaching as their career as well as those preparing for careers in media, business, diplomacy etc., which demand well developed interpretive communication skills. We

expect that this program of study taught by our highly enthusiastic and qualified faculty will instill in students a passion for reading and writing. It will provide confidence to appreciate, interpret and analyze complex literary texts by contextualizing them in their broad theoretical and ideological context in written and oral form.

Degree Requirements:

Total Number of Credit Hours: 130

Duration: 4 Years

Course Load per Semester: 15-18 Cr. Hrs.

Number of Courses per Semester: 5

Sr. No.	Title	No. of Courses	Credit Hours
1	Compulsor (C) Requirements (No Choice)	7	21
2	General Courses (GC) to be chosen from other Departments	8	24
3	Discipline Specific Foundation Courses (DSFC)	8	26
4	Major (M) Courses Including Research Project/Paper	12	41+6
5	Electives within the Major	4	12
Total		39	130

General Courses to be Chosen from other Department

Sr.	Courses (s)	Cr. Hrs.
1	Academic Writing	3
2	Introduction to Sociology	3
3	French/Chinese/German	3
4	Introduction to Psychology	3
5	Introduction to Anthropology	3
6	Introduction to Anthropology	3
7	Introduction to Mass Communication	3
8	Introduction to Political Science	3

Discipline Specific Foundation Courses

Sr.	Courses (s)	Cr. Hrs.
1	Introduction to English Literature	3
2	Introduction to Linguistics	3
3	English Phonology and Phonetics	3
4	History of English Literature	3
5	Sociolinguistics	3
6	Short Story	3
7	Contemporary Issues in Applied Linguistics	4
8	Language, Culture and Society	4



Major Courses Including Research Project/Paper

Sr.	Courses (s)	Cr. Hrs.
1	Literary Theory I	3
2	English Poetry (From the beginning to the 18th Century)	4
3	18th and 19th Century Novel	4
4	Literary Theory II	4
5	Greek and Elizabethan Drama	4
6	Introduction to American Literature	4
7	Psycholinguistics	3

Literature

1	Research Methods in Literature	4
2	Modern Drama	4
3	20th Century English Novel	4
4	Research Project/Paper	6
5	English Poetry in 19th and 20th Century	4

Linguistics

1	Research Methods in Linguistics	4
2	Discourse Analysis	4
3	Introduction to Stylistics	4
4	Research Project/Paper	6
5	Semantics and Pragmatics	4

Elective Courses within the Major

Literature

Sr.	Courses (s)	Cr. Hrs.
1	South Asian Literature in English	3
2	Translation Studies	3
3	Women Writers	3
4	Comparative Literature	3
5	World Literature in English	3
6	Shakespeare, Film and Media	3
7	Literature of War and Conflict	3
8	Emerging Forms of Literature	3
9	Science Fiction and Fantasy	3
10	Literary Stylistics	3

Linguistics

1	World English	3
2	Historical Linguistics	3
3	English for Specific Purposes	3
4	Language Teaching Methodologies	3
5	TESOL	3
6	Forensic Linguistics	3
7	Language Assessment	3
8	Pedagogical Grammar	3
9	Bilingualism	3
10	Anthropological Linguistics	3
11	Syllabus and Materials Development	3

Sample Course Plan for BS English Language & Literature

Semester I

Sr.	Courses (s)	Cr. Hrs.
1	English-I (C)	3
2	Academic Writing (C)	3
3	Introduction to IT (C)	3
4	Introduction to English Literature (DSFC)	3
5	Introduction to Linguistics (DSFC)	3
Total		15

Semester II

1	English-II (C)	3
2	Pakistan Studies (C)	3
3	Communication Skills (C)	3
4	Introduction to Sociology (GC)	3
5	English Phonology and Phonetics (DSFC)	3
Total		15

Semester III

1	Islam and Arabic Studies (C)	3
2	French/Chinese/German(GC)	3
3	Introduction to Psychology (GC)	3
4	History of English Literature (DSFC)	3
5	Sociolinguistics (DSFC)	3
Total		15

Semester IV

1	Rhetoric/Public Speaking (C)	3
2	Introduction to Philosophy (GC)	3
3	Introduction to Anthropology (GC)	3
4	Introduction to Mass Communication (GC)	3
5	Short Story (DSFC)	3
Total		15

Semester V

1	Introduction to Political Science (GC)	3
2	Literary Theory I (Major)	3
3	Contemporary Issues in Applied Linguistics (DSFC)	4
4	English Poetry (From the beginning to the 18th Century) (Major)	4
5	18th and 19th Century Novel (Major)	4
Total		18

Semester VI

Sr.	Courses (s)	Cr. Hrs.
1	Literary Theory II (Major)	3
2	Psycholinguistics (Major)	3
3	Greek and Elizabeth Drama (Major)	4
4	Language, Culture and Society (DSFC)	4
5	Intr. To American Literature (Major)	4
Total		18

Literature - Semester VII

1	Research Methods in Linguistics	4
2	Modern Drama (Major)	4
3	20th Century English Novel (Major)	4
4	Elective I	3
5	Elective II	3
Total		18

Linguistics - Semester VII

1	Research Methods in Linguistics	4
2	Discourse Analysis	4
3	Introduction to Stylistics	4
4	Elective I	3
5	Elective II	3
Total		18

Literature- Semester VIII

1	Research Project/Paper or 2 courses*	6
2	English Poetry in 19th & 20th Century	4
3	Elective I	3
4	Elective II	3
Total		16

Linguistics - Semester VIII

1	Research Project/Paper or 2 Courses*	6
2	Semantics and Pragmatics (Major)	4
3	Elective I	3
4	Elective II	3
Total		16

MS/M.Phil. Applied Linguistics

MS/M.Phil. degree program in Applied Linguistics is a 2-Year Degree Program that covers core areas of language teaching, formal and applied linguistics. This program offers candidates the opportunity to acquire knowledge and understanding of a range of issues concerning language, the way it functions in society and relates to real world issues.

The broad field of subjects includes the core course modules such as introduction to linguistics, phonetics and phonology, morphology and syntax, semantics and pragmatics and various ELT related topics. The complex workings of language and its practice, playing a central role in society and in different social settings will be explored in subjects like

sociolinguistics and psycholinguistics. The most prominent themes and the central topics within the field of MS/M.Phil. in Applied Linguistics are those surrounding second and foreign language educations.

Degree Requirements:

Total Number of Credit Hours: 30

Duration: 2 Years

Course Load per Semester: 6-9 Cr. Hrs.

Number of Courses per Semester: 2-3

Structure for MS/M.Phil. Applied Linguistics:

The program primarily aims at producing effective English language teaching professionals, language planners, syllabus designer and linguistic researchers who will be able

to contribute in different practical fields of linguistics. To achieve the said goal, the program will offer a broad range of cautiously selected courses. These courses will provide the students with requisite and fundamental knowledge of theoretical underpinnings in the field of Applied Linguistics. Similarly, the candidates will be trained both in theory and practice by applying the theoretical knowledge gained in practical and meaning oriented field research. It also aims at providing crucial preparation for writing the dissertation and making substantial contributions to work in students' chosen field(s). The program ultimately envisions producing well-trained and productive scholars, intelligent critics, effective & imaginative teachers and professionals.

Structure for M.Phil. Applied Linguistics

Sr. No.	Title	No. of Courses	Credit Hours
1	Compulsory/Core Courses	4	12
2	Elective (M. Phil.)	4	12
3	Thesis (M. Phil.)	-	6
Total			30

Structure for MS

Sr. No.	Title	No. of Courses	Credit Hours
1	Compulsory/Core Courses	4	12
2	Elective (MS)	6	18
Total			30

Compulsory/Core Courses

Sr.	Courses	Cr. Hrs.
1	Contemporary Issues in Applied Linguistics	3
2	Research Methodology in Linguistics	3
3	Issues in Syntax	3
4	Theories of Language Description	3
Total		12

Elective Courses

1	Sociolinguistics	3
2	Language Teaching Methods	3
3	Bilingualism and Language Planning	3
4	Critical Discourse Analysis	3

Sr.	Courses	Cr. Hrs.
5	Computational Linguistics	3
6	Cross Cultural Communication	3
7	English for Specific Purposes	3
8	Advanced Studies in Linguistics	3
9	Language Assessment	3
10	Psycholinguistics	3
11	Semantics and Pragmatics	3
12	Globalization & Spread of English	3
13	Translational Studies	3
14	Endangered Languages	3
15	Language, Gender and Identity	3
16	English, Language and Literature	3

Sample Course Plan MS/M.Phil. Applied Linguistics

Sr.	Code	Course	Cr. Hrs.
Semester I			
1	LING5113	Contemporary Issues in Applied Linguistics	3
2	LING5123	Research Methodology in Linguistics	3
3		Optional I	3
Total			9
Semester II			
1	LING5213	Issues in Syntax	3
2	LING5223	Theories of Language Description	3
3		Optional I	3
Total			9
Semester III			
1		Optional I	3
2		Optional II	3
3		Thesis I (Proposal Writing & Proposal Defense)	3
Total			9
Total (MS)			6
Total (M. Phil)			9
<i>(Note: Thesis I is for M.Phil. students only)</i>			
Semester III			
1		Optional I (MS)	3
2		Optional II (MS)	3
3		Thesis II (M.Phil.)	3
Total (MS)			6
Total M.Phil.			3
Total Credit Hours			30

(Note: M.Phil. students will work on Thesis only and will have no Course Work in IV Semester)



MS/M.Phil. English Literature

M.Phil. in English Literature is a 2 Year Degree Program that covers core areas of English Literature, and Literary Theory. This program offers candidates the opportunity to acquire knowledge and understanding of a range of issues concerning English Literature. The broad field of subjects includes the core course modules such as Literary Theory and Criticism and advanced research and bibliographic methods related topics. The program encourages the participants to develop a deeper understanding of the theory and practice of English Literature. Moreover, gain the skills required to challenge current professional practices for innovation and to

undertake a range of leadership roles in the field.

Degree Requirements:

Total Number of Credit Hours: 30

Duration: 2 Years

Course Load per Semester: 6-9 Cr. Hrs.

Number of Courses per Semester: 2-3

Structure for MS/M.Phil. English Literature:

The program primarily aims at producing effective professionals in the discipline of English Literature who will be able to contribute in different practical and research fields of Literature. To achieve the said goal, the program offers a broad range of

cautiously selected courses. These courses provide the students with requisite and fundamental knowledge of theoretical underpinnings in the field of English Literature. Similarly, the candidates are trained both in theory and practice by applying the theoretical knowledge gained in practical and meaning oriented field research. It also aims at providing crucial preparation for writing the dissertation and making substantial contributions to work in students' chosen field(s). The program ultimately envisions to produce well-trained and productive scholars, intelligent critics, effective teachers and professionals.

Structure for M.Phil. English Literature

Sr. No.	Title	No. of Courses	Cr. Hrs.
1	Compulsory/Core Courses	2	6
2	Elective (M. Phil.)	6	18
3	Thesis (M. Phil.)	-	6
Total			30

Structure for MS English Literature

Sr. No.	Title	No. of Courses	Cr. Hrs.
1	Compulsory/Core Courses	2	6
2	Elective (MS)	8	24
Total			30

Compulsory/Core Courses

Sr.	Courses	Cr. Hrs.	Sr.	Courses	Cr. Hrs.	
1	Advanced Research and Bibliographic Methods	3	2	Literary Theory and Criticism	3	
					Total	6

Elective Courses

Sr.	Courses	Cr. Hrs.	Sr.	Courses	Cr. Hrs.
1	Academic Writing	3	8	Postcolonial Literature	3
2	Literature and War	3	9	Afro-American Literature	3
3	Modernist Fiction Studies	3	10	Language, Gender and Identity	3
4	Modern and Postmodern Drama	3	11	Contemporary Literature: Context and Approaches	3
5	Shakespeare Studies	3	12	Pakistani Literature in English	3
6	American Literature	3	13	Literature, Film and Media	3
7	Literature in Translation	3	14	Critical Discourse Analysis	3

Sample Course Plan for MS/M.Phil. English Literature

Semester I

Sr.	Code	Courses	Cr. Hrs.
1		Literary Theory and Criticism	3
2		Optional I	3
3		Optional II	3
Total			9

Semester II

Sr.	Code	Courses	Cr. Hrs.
1		Advanced Research and Bibliographic Methods	3
2		Optional I	3
3		Optional II	3
Total			9

Semester III

Sr.	Code	Courses	Cr. Hrs.
1		Optional I	3
2		Optional II	3
3		Thesis I (Proposal Writing & Proposal Defense)	3
Total			9

Semester IIV

Sr.	Code	Courses	Cr. Hrs.
1		Thesis II (M.Phil)	3
2		Optional I (MS)	3
3		Optional II (MS)	3
Total Credit Hours			30

(Note: M. Phil students will work on Thesis only and will have no Course Work in IV Semester)

Department of Politics & International Relations

The Department of Politics and International Relations is an emerging discipline of the Faculty of Arts and Social Sciences at the University of Central Punjab (UCP). It offers undergraduate and graduate programs in multiple specialties of Political Science and International Relations. Living to its traditions, the UCP hires highly qualified and experienced faculty with the aim to attract bright scholars and students and to deliver quality education.

The Department is designed to furnish stimulating academic environment for scholars and students in their pursuit of learning. Its goals are to facilitate students to enhance their knowledge, achieve academic excellence and pursue their educational & professional dreams. The UCP has developed institutional linkages that facilitate to open up wide vista of opportunities for the graduating students and Alumni.

Rationale of the Program

In the wake of growing globalization, Pakistani youth is attentive to most of the international developments and ready to express its views on almost all issues. They are today more thoughtful of the growing role of Print and Electronic Media, Government's policy making process, role of Armed Forces, Think Tanks, NGOs, Civil Services, especially Foreign Service, International and Regional Organizations and Multinationals.

The University of Central Punjab would endeavor to provide knowledgeable and trained Alumni to relevant organizations that are working in the arena of Governance, Research, and International entities engaged in Business, Social and Humanitarian services.

Objectives

Undergraduate program aims to

prepare students having deep knowledge of the subject as well as the ability to analyze any given situation and draw out conclusions. It is designed by keeping in view the following objectives.

1. The graduates passed under this program should have a sound and broad knowledge of the subjects. For this purpose an intensive and extensive program spread over 4-Year BS in International Relation is designed.
2. The program would familiarize students with emerging trends in the disciplines of Political Science and International Relations.
3. Along with the knowledge of the subject, students should also have a broader view of other disciplines of social as well as physical sciences. It will enable the students to interact with other branches of knowledge and



- strengthen their understanding of states and societies of the Globe.
- The graduates are to be equipped with essential tools and techniques of research to enable them to analyze emerging situations and issues. They are prepared to comprehend multifaceted issues of the contemporary domestic, world politics and foreign policy issues.
 - The graduates of the UCP would be equipped to establish and develop a viable and forceful link between theory, concepts and practices in the field.

BS International Relations

Eligibility Criteria

A candidate must have Intermediate Certificate in Arts, Sciences or

Commerce from a recognized Board/ Institution of higher education in Pakistan or A-Levels from an English Educational System with minimum

45% marks or equivalent. Candidates are also required to appear in an in-house written test

Program Structure of BS International Relations

The program comprises 132 credit hours in line with HEC and the UCP requirements.

S. No.	Name of Courses	Abbreviations	No. of Courses	Total Credit Hours
I	Compulsory Courses	CC	09	(9 x 3) = 27
II	Interdisciplinary Courses	IDC	09	(9 x 3) = 27
III	Discipline Specific Courses	SC	11	(11x3) = 33
IV	Major Courses	MC	11	(11 x 3) =33
V	Elective Courses	EC	04	(4 x 3) = 12
Total Courses			44	Total Credit Hrs. = 132

Duration of Program

Total duration of the Program is 4 years (8 Semesters).

General requirements for the award of 4-year B.S. degree in International Relations

- Successful completion of prescribed course work.
- Securing the final Cumulative Grade Point Average of not less than 2.00/4.00
- Viva to be conducted by the Departmental Committee

Degree Requirement



Layout of BS International Relations Program

Compulsory Requirements (The Student Has No Choice)		Interdisciplinary Courses to be chosen from other Disciplines		Discipline Specific Courses	
9 Courses		9 Courses		11 Courses	
27 Credit hours		27 Credit hours		33 Credit hours	
Subject	Cr. Hrs.	Subject	Cr. Hrs.	Subject	Cr. Hrs.
1. English -I	3	1. History of South Asia	3	1. Introduction to Political Science	3
2. English- II	3	2. Introduction to Philosophy	3	2. Introduction to International Relations	3
3. English-III	3	3. Law, Politics and Society	3	3. History of Political Thought	3
4. English IV (English for occupational Purposes)	3	4. Introduction to Geography	3	4. Political Systems of the World	3
5. Pakistan Studies	3	5. Introduction to Sociology	3	5. Comparative and Developmental Politics	3
6. Islamic Studies / Ethics	3	6. Introduction to Psychology	3	6. Theories of International Relations	3
7. Quantitative Methods in Social Sciences	3	7. Introduction to Anthropology	3	7. International Relations: 1918 onwards	3
8. Introduction to Information Technology	3	8. Introduction to Mass Communication	3	8. Geo-Political Structure of the World	3
9. Principles of Economics	3	9. Introduction to Gender Studies	3	9. Public International Law	3
		10. General Science	3	10. Regional and International Organizations	3
		11. Introduction to Public Administration	3	11. Research Methodology for Social Sciences	3
		12. Arabic			
		13. Chinese			
		14. French			
		15. Internship			
	27		27		33



Major Courses Including Research Project/Internship

11 Courses, 33 Credit Hours

Subject	Cr. Hrs.
1. Foreign Policy Analysis	3
2. Political Economy	3
3. Foreign Policy of Pakistan	3
4. Political System of Pakistan	3
5. Economics of Pakistan	3
6. Defense and Strategic Studies	3
7. Contemporary Issues in Politics and Economy of Pakistan	3
8. Conflict Management and Resolution	3
9. Comparative Foreign Policy of Major Powers: US, Russia, China	3
10. Politics of Social and Environmental Issues	3
11. Issues in Arms Control, Disarmament and Nuclear Proliferation	3
	33

Elective Courses within The Major

4 Courses, 12 Credit Hours

Subject	Cr. Hrs.
1. Elective-I	3
2. Elective-II	3
3. Elective-III	3
4. Elective-IV	3
	12

Sample Course Plan for BS International Relations

Semester / Year	Codes	Name of Subject	Credits
Semester I	ENG 1003	English-I	3
	PAK 1013	Pakistan Studies	3
	QM 1003	Quantitative Methods In Social Sciences	3
	PNIR 1003	Introduction to Political Science	3
	PNIR 1013	Introduction to International Relations	3
	HU 1073	Law, Politics and Society	3
		18	
Semester II	ENG 1103	English-II	3
	ISL 2003	Islamic Studies / Ethics	3
	PNIR1033	Geo-Political Structure of The World	3
	ECO 2813	Principles of Economics	3
	IT 2003	Introduction to Information Technology	3
	HU 1023	Introduction to Sociology	3
		18	

Semester / Year	Codes	Name of Subject	Credits
Semester III	ENG 1023	English-III	3
	PNIR2003	International Relations: 1918 Onwards	3
	HU 1063	Introduction to Gender Studies	3
	HU 1053	Introduction to Mass Communication	3
	PNIR2013	History of Political Thought	3
		15	
Semester IV	ENG 2633	English-IV (Occupational Purposes)	3
	HU 1013	Introduction to Psychology	3
	ECO 3553	Economics of Pakistan	3
	PNIR2023	Theories of International Relations	3
	HU 2033	Introduction to Philosophy	3
		15	
Semester V	PNIR2023	Political Systems of The World	3
	PNIR2033	Public International Law	3
	PNIR2043	Regional and International Organizations	3
	PNIR2053	Foreign Policy Analysis	3
	HU 2023	History of South Asia	3
		15	
Semester VI	BS 2003	General Science	3
	PNIR3023	Comparative and Developmental Politics	3
	PNIR3063	Foreign Policy of Pakistan	3
	PNIR3023	Defence and Strategic Studies	3
	PNIR3033	Politics of Social & Environmental Issues	3
	PNIR3043	Political System of Pakistan	3
		18	
Semester VII	RM 3013	Research Methodology for Social Sciences	3
	PNIR4054	Comparative Foreign Policy of Major Powers: US, Russia, China	3
	PNIR3183	Political Economy	3
	PNIR4044	Issues In Arms Control and Disarmament and Nuclear Proliferation	3
	PNIR4053	Contemporary Issues In Politics and Economy of Pakistan	3
	PNIR4003	Internship	3
			18
Semester VIII	PNIR4033	Conflict Management and Resolution	3
		Elective – I	3
		Elective-II	3
		Elective-III	3
		Elective-IV	3
		15	
	Grand Total		132

List of Elective Courses:

Following is the tentative list of elective/optional courses to be offered by the UCP Department of Politics and International Relations. The content of the course(s) as well as the core and the suggested books will be chalked out by the faculty at the time, a course is offered.

1. PNIR 4103, Research Report
2. PNIR 4113, Foreign and Security Policies of European Union
3. PNIR 4123, Modernization and Democratization in the Muslim World
4. PNIR 4133, Politics of Indian Ocean
5. PNIR 4143, Foreign Policy of India
6. PNIR 4203, Politics and Economy of International Migration
7. PNIR 4213, International Relations in Islam
8. PNIR 4223, International Trade and Monetary Policies
9. PNIR 4233, Politics of Development, Foreign Aid and Foreign Direct Investments.
10. PNIR 4243, MNCs and NGOs in International Relations
11. PNIR 4223, US Foreign Policy
12. PNIR 4233, Transition and Politics in Afghanistan and Central Asia
13. PNIR 4234, China as an Emerging Global Power
14. PNIR 4244, Importance of Science and Technology in International politics
15. PNIR 4034, Contemporary Issues in International Politics
16. PNIR 4053, Seminar on Advance Political and Economic Issues of Pakistan



Teaching Faculty



Dr. Fehmida Sultana
Dean FASS,
Head of English Department,
PhD, English Literature
TUFTS University, Medford, MA. USA

Dr. Fehmida Sultana has a PhD in English Literature from Tufts University, USA. She has been associated with the University of Central Punjab (UCP) since 1994. Before joining UCP, she taught at Harvard University, and the University of Tennessee. She has worked on various teaching and administrative positions at the University level in Pakistan and overseas.

In 2006, Dr. Fehmida Sultana assumed her responsibilities as the Pro-Rector of the University of Central Punjab. After completing her tenure as Pro-Rector, she was assigned the offices of the Dean of Academics and the Dean of Faculty of Arts & Social Sciences. Currently, she is the Dean of Faculty of Arts and Social Sciences.

Her teaching and research interests are in British Romantic Poetry, Colonial and Post-Colonial literature. She is the Chairperson and member of several committees and associations. She is also a member of the Punjab Public Service Commission's Evaluation Committee.

Department of English

Dr. Baber S. A. Khan
Professor
PhD Linguistic. University of Illinois,
Urbana-Champaign, USA.
M.Sc. Applied Linguistics. University of Edinburgh, UK.

Dr. Baber Khan is a Professor in the Department of English where he is teaching and developing Linguistics programs. After graduating from University of Illinois, he joined The Aga Khan University as the first Head of its English Language Unit. Besides the Universities of Cambridge and Edinburgh, Dr. Khan has received training in Teaching in Higher Education at Salzburg, Austria, and Tampere University of Applied Sciences, Finland. He has taught in North Africa, USA and Middle Eastern countries before joining UCP.



Dr. Asim Karim
Associate Professor

Dr. Asim obtained his PhD from Government College University, Lahore and specializes in teaching English Literature/literature in English. He is serving as Associate Professor, Department of English, Faculty of Arts and Social sciences. He has at his credit supervision of PhD and M.Phil. Dissertations. He has also published in national and international journal. His areas of teaching and research interest are: American Drama, American Fiction, Literature and Religion, Post colonialism and Literature, Comparative literature, Literary Theory and South Asian Literature. Currently he is working on a Monograph on Identity in the Contemporary Pakistani Diaspora Fiction.





Mr. Zamir Hussain Naqvi
Associate Professor

Mr. Zamir Hussain Naqvi completed MA Linguistics from Newcastle University, England; TEFL Certificate from Leeds University, England; PGDIPTEIL from National Academy of Higher Education, Islamabad, in cooperation with Manchester University, England and MA English from Punjab University.

Before joining UCP, Mr. Naqvi was Professor and Chairperson, Department of English, Forman Christian College University. He taught Communication Skills at Civil Services Academy of Pakistan. He developed and administered various programs at some very reputed universities. He delivered lectures and presented workshops and idea- exchange sessions at many international conferences. He published research and literary articles in very prestigious journals. His research interests are in Phonetics and Phonology, Language Skills, and Nativization of English in Pakistan.



Mr. Farooq Malik
Associate Professor

Prof. Muhammad Farooq Malik became part of the PCBA/UCP faculty in 1995 and continues to sail triumphantly along in his didactic career. He has done Masters in English Literature from the Punjab University, Lahore and Masters in Political Science and International Relations from Bahauddin Zakriya University, Multan and has a Gold Medal to his credit in that program.



Dr. Ismat Jabeen
Assistant Professor, Program Director

Research Areas: L2 Teaching and Learning, Critical Discourse Analysis, Language and Identity, Language and Gender, Sociocultural Learning and Teaching, Language in Practice, Post-Colonial Literature, Modern Literature, Content Analysis

Dr. Ismat Jabeen is currently serving as Program Director & Assistant Professor, at University of Central Punjab. She received her PhD from National University of Modern Languages, Islamabad with specialization in Applied Linguistics. Her further research also focuses mainly on the teaching and learning of English within Pakistani context mostly combining theory and practice. Her research work has been published nationally and internationally. A number of students have completed their BS & M.Phil. research theses under her supervision.



Dr. Jaleel Akhtar
Assistant Professor

Research Areas: African-American Literature, Contemporary American and British Literature, Women's Writing, South Asian Literature, Deconstruction and Writing, Psychoanalysis and Writing, Modern and Post-Modern Fiction, Slave Narrative, Toni Morrison, Philip Roth, Literary Theory



Mr. Tahir Saleem
Assistant Professor

Research Areas: Sociolinguistics and Linguistic Anthropology, Pragmatic and Interlanguage pragmatics, Genre Studies, Computational linguistics, World Literature in Translation, Language Planning and Policy

Mr. Tahir Saleem is serving as Assistant Professor, at University of Central Punjab, Lahore. Before joining UCP, he has served for seven years in Army Burn Hall College for Boys, Abbottabad, and for three and half years in the University of Lahore, Gujrat campus. Recently, he has submitted his PhD thesis for final evaluation at Air University, Islamabad with specialization in Linguistics. He has presented and participated in various national and international conferences. He has quite vigorously been engaged in publishing his research work in the national journals. A number of students have completed their M.Phil. under his supervision.



Ms. Nasreen Saeed
Lecturer

Ms. Nasreen Saeed has done M.Phil. ELT, Kinnaird College for Women, and PGD ELT from Punjab University, Lahore. She is a certified IELTS Examiner at Australian Education Office, Lahore. She has an extensive teaching career spanning over fourteen years. She has held both permanent and visiting positions at various prestigious higher education institutions in Lahore. She is currently working as a permanent faculty member at FASS. She is teaching diverse courses in English, communication skills, business communication and literature to both undergraduate and postgraduate students.



Ms. Kashifa Khalid
Lecturer

Research Areas: War literature, American Veterans of Iraq war Gender, Social Cultural Learning, Film media, Modern Literature

Kashifa Khalid is currently serving as a Lecturer, at UCP. She did her M.Phil. from Kinnaird College with specialization in literature. Her further research focuses mainly on film and media within Pakistani context combining theory and practice. She has actively participated in international conferences. Her research work has been published internationally.



Ms. Farhat Abdullah (On Leave)

Lecturer

She has M.Phil. Degree in Applied Linguistics from Kinnaird College, Lahore. After serving the Center for Language Engineering UET Lahore for two years, she joined UCP in 2013, and have represented the university in a number of international conferences and research workshops. She has been awarded HEC research travel grant twice. She is an independent member of International Federation for University Women. Furthermore, she is a member of Linguistic Association of Pakistan, Society for Natural Language Processing and Linguistic Society of America. In June 2016, Ms. Farhat attended CoLang2016 in USA, completed the Institute on Collaborative Language Research and attended credited courses of Linguistics.



Ms. Atoofa Najeeb

Lecturer

Research Areas: Trauma in Literature, Critical Discourse Analysis, Language and Identity, Post-Colonial Literature, Contemporary Literature, Pakistani Literature in English.

Atoofa Najeeb is currently serving as Lecturer, at UCP. She did her MS in English Linguistics and Literature from Air University, Islamabad with specialization in Trauma Literature. Her further research also focuses mainly on the Trauma within Pakistani context. She is a book reviewer and has got her reviews published in journal and newspapers as well. She also presented her paper in GlobELT 2016 in Turkey. She is a keen researcher and an avid book reader.



Ms. Khaula Ahmed Khan (On Leave)

Lecturer

Ms. Khaula completed her Master's degree in English Literature in 2015 from McMaster University, Canada, and BA (Hons.) English Literature in 2013 from York University, Canada. She joined UCP as a Lecturer in 2015 and is currently teaching both writing and literature based courses.

Her primary undergraduate and graduate research is in Shakespearean plays and their creative adaptations. She has worked extensively on their cultural and political appropriations and re-imaginings and the critical questions they raise about political and domestic violence. As this takes a rather theoretical as well as sociological approach, Khaula has done work on gender and postcolonial theories and the critical role human body, particularly the female body, plays in literary works. She intends to take her literary interests forward and focalize on the South Asian culture and the adaptations of Shakespeare it has produced.

Department of Psychology

Dr. Shazia Hasan

Professor

Head of Department, Psychology

Dr. Shazia Hasan completed her PhD from Institute of Clinical Psychology, University of Karachi in 2002. She has vast experience of teaching, administration and clinical practice (Psycho diagnosis and Psychotherapy). She served Institute of Clinical psychology for five years, teaching and supervising at postgraduate level. She supervised PhD students during her service and worked as



Dr. Alia Asmat

Assistant Professor

Dr. Alia Asmat completed her PhD in March, 2017 from Institute of Clinical Psychology University of Karachi. She is certified practitioner of Hypnosis and NLP from NGH USA.

She has been working with different hospitals since 2006. She has worked for three years in Department of Psychiatry and Behavioral Science Punjab Medical College, Faisalabad. She has completed 52-hour rotation in PNS Shifa Hospitals Karachi. She has worked as a lecture and Assistant Professor at Department of Psychology Riphah International University Faisalabad Campus. Currently She is working as an Assistant Professor at Department of Psychology, University of Central Punjab, Lahore.



Dr. Ansa Qurat-ul-Ain

Assistant Professor

Dr. Ansa Qurat-ul-ain has done M.Sc. Psychology and won Gold Medal and later worked as a permanent lecturer in The Islamia University of Bahawalpur for almost two years. After that she won scholarship for Doctoral Degree from University Utara Malaysia, Malaysia. Her learning experience at University Utara Malaysia was highly rewarding as it updated her theoretical knowledge which nominated her dissertation among the best dissertations of the year 2018.

During her Doctoral journey, she has been the part of various international conferences in Malaysia, Singapore, Thailand, and Dubai. She was selected among the top three students of her university and went to Australia in International Outbound Mobility program to present her doctoral research. Additionally, she has got grant of 20k RM for a project from Malaysian University. She has strong interest in Positive Psychology, Counseling Psychology, Cognitive and Development Psychology and Abnormal Psychology.



Ms. Ayesha Kashif

Assistant Professor

Ms. Ayesha Kashif has done MS Clinical Psychology, University of Central Punjab and M.Sc. Psychology from Government College University, Lahore. She has received her academic training from Kinnaird College Lahore. She has vast experience of teaching and training in different financial and educational institutions of Lahore. She has also worked in different hospitals as Clinical Psychologist (Psycho diagnosis and psychotherapy) Moreover she has also work experience in the field of vocational and student counseling. She is also the creator of UCP Dramatics Club, which has always gained the top positions in different competitions held by HEC and other institutions including Govt. of the Punjab. Her area of interest in research is mainly geriatric depression.



Ms. Uzma Ilyas
Senior Lecturer

Ms. Uzma Ilyas is a PhD Scholar at Centre for Clinical Psychology (PU). She completed MS Clinical Psychology and M.Sc. Psychology from Govt. College University, Lahore. She is currently serving at UCP as Senior Lecturer of Psychology in FASS. Ms. She has almost 11 years of clinical and teaching experience in various prestigious institutions of Pakistan and has served as a full-time faculty and Head of Department at Lahore Garrison University, DHA. Her expertise includes curriculum development for bachelors and MS level. She has also served as a visiting faculty in Institute of Social and Cultural Studies (PU), Centre for Clinical Psychology (University of the Punjab) and Government College University, Lahore. She also served at SOS Children's Village, Lahore as Clinical Psychologist, she was actively involved in assessment and therapy of children. Moreover, she has been actively involved in Mother's, Staff and Directors Training at SOS Children's Village. She also has served as Director Counseling at Willing Ways Psychiatric Hospital. She has been free lancing for English Dailies "The Nation".



Ms. Afshi Yahya Khan
Senior Lecturer

Ms. Afshi Yahya Khan is working at Department of Psychology, University of Central Punjab, as a Senior Lecturer. She is doing her PhD from Centre for Clinical Psychology, University of the Punjab. Prior to that she did her MS in Clinical Psychology from Centre for Clinical Psychology. She has almost eleven years of experience in academics, research, administration and clinical practice. She started her career from Centre for Clinical Psychology, University of the Punjab as a Lecturer, after that she has served at University of Sargodha, Lahore Campus as Head, Department of Psychology. She has also served at Clinical Psychology Unit, Government College University and Institute of Applied Psychology, University of the Punjab as visiting faculty member. Her areas of interest are research, personality traits, psychopathology, scale development and clinical psychology. She has been involved in Placement Supervision in the areas of psycho-oncology, child psychiatry, adult psychiatry and rehabilitation



Ms. Momina Nayyer
Lecturer

She did her MS in Clinical Psychology from Government College University, Lahore. She conducted her MS research on Relationship between Depression, social anxiety, and borderline personality disorder with attachment styles. She has work experience in the field of psychology as Lecturer, Clinical Psychologist and student counselor. Her research interests include academic performance, emotional difficulties, work-life balance and productivity among university students.



Mr. Jacob Kamal Malik
Lecturer

Mr. Jacob Kamal Malik has done M.Phil. Sociology, University of the Punjab, Lahore. He is a Social Psychologist who originally joined UCP in 2011. He completed his M.Phil. Research on Media Agenda-Setting and Public Opinion. He has a variety of other interests and subject knowledge including: philosophy, statistical analysis, and quantitative research methodology. He has also supervised many BS students in the successful completion of their BS researches in various



Ms. Ayesha Khalil
Lecturer

Ms. Ayesha Khalil is an Educational Psychologist. She has completed her Master's degree with distinction and has won prestigious Ummatic scholarship from International Islamic University, Malaysia. While pursuing her studies abroad, she also gained valuable experience working as an editorial assistant in a flagship journal indexed in SCOPUS, Intellectual Discourse. She has expertise in Qualitative Research. Her main research areas of interest are multiculturalism, attitude formation, immigrants, diaspora and xenophobia. She has published internationally. She now aspires to take her literary interest forward in Social Psychology.



Ms. Syeda Ayesha Sheeraz
Lecturer

Ms. Syeda Ayesha Sheeraz has done MS in Clinical & Counseling Psychology with 'Distinction'. She was awarded with Gold Medal in M.Sc. Clinical Psychology and graduated as the Valedictorian of her class. She has gained her professional experience by working in various clinical settings and in well renowned universities of Lahore. She is a professional who understands the dynamics of human cognitive and behavioral psychology and has special interest in dealing various mental disorders along with self-esteem and confidence building and adjustment problems. Her research interest includes marital relationships, pre and postnatal depression/anxiety in women and parenting.



Dr. Kashif Munir
Associate Professor
Program Director, Graduate Studies

Dr. Kashif Munir holds PhD degree in Economics from Pakistan Institute of Development Economics (PIDE), which prepared him to perform rigorous research as well as to think out of the box and provide practical solutions to the stake holders to eradicate socioeconomic challenges faced by the society. He started his career as a researcher at PIDE. In 2013, he switched to academia and working as Associate Professor of Economics in University of Central Punjab, and strengthening the research culture in the department. His research interests lie in macroeconomics, development economics, econometrics, public policy, and governance with expertise in large data sets and analysis.



Dr. Arslan Tariq
Assistant Professor

Dr. Arslan Tariq Rana did his MS (Finance and Economics) in 2009 from Université of Orléans, Orléans, France followed by PhD in International Economics in 2015 from the same university. During his tenure at Université of Orléans, he worked as Assistant Teaching and Research fellow in Economics for two years. In 2016, he got research grant jointly financed by Higher Education Commission (HEC), Pakistan and French Ministry of Education and Research to pursue a project on Education for which he is the Principal Investigator. The title is: *Improving Education Standards: Do Preferential Trade Agreements matter? Policy implications for Pakistan*. His areas of research interest are Regional/Bilateral Trade Agreements, Development Economics and Applied Econometrics.



Ms. Fouzia Awan
Senior Lecturer

Ms. Fouzia Awan holds an M.Phil. Degree in Economics, her research area is Economic Growth & Development. She is a patron of Young Economists Forum, a society which organizes and facilitates events like roundtable discussions, guest seminars, career fairs and social events. She has 20 years of teaching and research experience at the reputable institutes in different cities of Pakistan. Ms. Fouzia Awan has presented her research papers in international academic conferences in the USA and Singapore, which were funded by the Higher Education Commission (HEC) Pakistan. She has publications in international journals.



Mr. Bilal Muhammad Yaseen
Lecturer

He is a lecturer of Economics in the Faculty of Arts and Social Sciences at University of Central Punjab (UCP). He completed his M.Sc. Economics (Finance) from The University of Edinburgh (UK), one of the top ranked universities in the world, in 2012. He did his B.Sc. (Hons) double majors in Economics and Finance from Lahore School of Economics. He is an Aitchison College alumnus and also got an opportunity to study a course in Management, Entrepreneurship and Global Leadership at London School of Economics (UK). His area of research is applied microeconomics and game theory.

Department of Politics & International Relations



Dr. Rashid Ahmad Khan
Professor & Head of Department

Dr. Rashid Ahmad Khan is currently Professor and Head of the Department of Politics & International Relations.

He obtained his Master's and PhD degrees from the University of Punjab, which he joined as Lecturer in Political Science and retired as Professor and Chairman of the Department of Political Science in 2001.

Dr. Khan worked with Islamabad Policy Research Institute (IPRI) Islamabad as Senior Research Fellow (2002-2010). He also worked as Professor and Chairman, Department of Political Science & International Relations, Dean Faculty of Arts & Social Sciences University of Sargodha



(2010-16).

His publications include 3 books and a number of research papers published in national and foreign journals.

He specializes in political, strategic and security dynamics of South, West and Central Asian regions. He regularly contributes in both print and electronic media as columnist and participant in current affairs programs.

Dr. Muhammad Ilyas Ansari
Assistant Professor

Dr. Muhammad Ilyas Ansari earned his PhD degree in Politics and International Relations from International Islamic University, Islamabad. He joined UCP in February 2012. Before joining UCP, he taught at UMT, PU, PIFD, FAST, MAJU and IIUI. He has authored five books on different topics. He frequently appears on national and international TV channels in the programs related to international Relations and Politics. He hosts one of the Radio shows at FM Radio UCP ki Duniya 92.6.

He has twenty four years' experience of writing, research, administration, media and teaching.



Mr. M. Abdul Mateen Khan
Principal Lecturer

Ambassador (Retired) Abdul Mateen holds Master's Degrees in International Relations from the School of Advanced International Studies (SAIS), John Hopkins University, Washington D.C. and Economics from the University of the Punjab, Lahore. He has taught various courses at postgraduate level at the University of Punjab, Bahauddin Zakariya University, Quaid-e-Azam University, International Islamic University, Fatima Jinnah University, Rawalpindi and Foreign Service Academy Islamabad. He served Government of Pakistan as Foreign Service Officer and served at various positions in the Ministry of Foreign Affairs, Islamabad and Pakistan Embassies abroad. He has vast experience of participating in Seminars, Conferences and written research articles for national and international journals.



Ms. Ayesha Kamal
Lecturer

Ms. Ayesha Kamal graduated with an M.Sc. degree in International Politics from SOAS, University of London, UK, and holds a B.Sc. (Hons) degree in Social Science and Economics from LUMS. Prior to joining UCP, she worked as a Research Consultant and also volunteered for organizations such as Maternity and Child Welfare Association of Pakistan and ABN-AMRO Bank. Her research interests include development, securitization and post colonialism.



Mr. Sajid Shahbaz Khan (On Leave)

Associate Professor

MS Islamic Studies, MA Islamic Studies and Urdu, University of the Punjab Certified from Institute of Islamic Sciences, Al-Mawrid

He is a critical-traditionalist scholar in Islam. He has spent many years in learning Islamic disciplines under the tutelage of several distinguished South Asian scholars and philosophers. He has done scholarly work as a research fellow in a renowned institute. He has written many books and scholarly articles and has taught in many major institutes of Lahore. His main area of expertise is the Quran, Muslim Thought and its Development, Arabic Literature, Islam & Modern Issues, Textual Analysis; Muslim Hermeneutical Theory and Epistemology. He appears off and on in television talk-shows. He has developed many epistemic theories for study of Islam, the Quran and the Sunnah. He has participated in many conferences.



Mr. Talib Mohsin

Assistant Professor

MS Islamic Studies, MA Islamic Studies, PU, Lahore

He is basically, a kind of critical scholar of Modern Muslim Thought. His area of interest is Hadith discipline and explanation of Hadith text. His major work is exegesis of a prominent book of Hadith 'Sahih Muslim'. His articles on various topics are published in renowned journals. He has authored many books. His main areas of expertise are Hadith, Contemporary Legal Thought, Tasawwuf, and spiritual enhancement of individuals. He has been on TV-talk shows on many private TV channels.



Ms. Zainab Bashir

Senior Lecturer

Ms. Zainab Bashir is an Anthropologist and Sociologist. She did her Bachelors in Social Sciences from Lahore University of Management Sciences. She was among the top 20 students of her batch who were awarded with honors. She worked with renowned English newspaper. She did some independent research for international NGOs and local political parties before her strong academic and co-curricular profile led her to the University of Oxford. She has won the prestigious Noon Educational Foundation Scholarship and completed her M.Sc. in Social Anthropology in first class. She is currently teaching Sociology, Anthropology and South Asian Studies at UCP and is also a part of the UCP Center for Governance, Institutions and Organizations.



Hafiz Muhammad Ibrahim Sheikh

Lecturer

**MS Islamic Studies, MA Arabic, BSc, B.Ed.
University of the Punjab, Lahore**

He maintains a preaching aspect in his class lectures as well as in his Juma sermons. He aims at the religious training of the students. He also guides his fellows in their religious matters.



Faculty of Pharmacy



Prof. Dr. Muhammad Jamshaid
Dean

It is my privilege to serve as Dean for this prestigious Faculty of Pharmacy, University of the Central Punjab, Lahore. Our university is one of the leading universities to develop your career and to make you a precious asset of the country. In order to meet the challenges of tomorrow, the university is trying to provide high standard professional education in a very conducive environment to all our students. Faculty of Pharmacy is home to world-class faculty, dedicated students and innovative researchers working towards improving medications and medication-related health outcomes.

After the recognition of Pharmacy education by Pharmacy Council of Pakistan and Higher Education Commission in 2011, our faculty has made enormous strides in meeting specific needs of both students and community, exploring new frontiers in drug discovery and development, pharmaceutical sciences, and translational clinical research. These labors have led to more than 30 manuscripts in the past three years. Here at the faculty, we value innovation, learning, advancement of knowledge, research and its applications toward improving the use of medications in society, pharmaceutical care and professionalism. Diversity in all of its forms is the core thought of faculty's research and development. We continually endeavor to augment our betterment and extend our national and international influence through quality education and research. We welcome your comments and suggestions for improvement of pharmacy education and research. I will expect you to participate in all healthy and academic activities of the faculty as well as the university.

I invite you to travel with us into a very illuminated future.

Faculty of Pharmacy was established at the University of Central Punjab in recognition of the vital role played by the pharmacist in the health care system and to meet the National/ International needs of the pharmacists and to develop the pharmacy profession in Pakistan.

The Faculty has established the state of the art infrastructure in accordance with the guidelines of the Pharmacy Council of Pakistan. Initially, the Faculty is offering a five-year Doctor of Pharmacy Program (Pharm.D), which is recognized by the Higher Education Commission of Pakistan and is accredited by the Pharmacy Council of Pakistan.

The university has also started M.Phil. in Pharmacy (Pharmaceutics). Whereas, postgraduate programs in

various disciplines of pharmacy are in progress.

Faculty holds the mission to provide the holistic study with intellectual, social, cultural and physical development. Students are encouraged to develop knowledge, values and skills which will enrich their lives and prepare them to provide services to national and international communities. It has a vision to be recognized nationally and internationally for the innovation and excellence in pharmacy education, and contributions to advancing pharmacy practice. Faculty is striving hard to produce highly productive pharmacists, who not only fulfill the needs of local market but also become an important asset to international communities.

Admission Procedure

Admission is granted strictly on merit which is determined on the basis of F.Sc. pre-medical or equivalent examination result and is strictly in accordance with the SROs of Pharmacy Council of Pakistan, a statutory body constituted under The Pharmacy Act, to regulate pharmacy education in Pakistan.

Note: The merit and waiting lists are posted on the university's website and on the notice board of the faculty also. Admission letters to the successful candidates are issued and fee has to be paid within the stipulated time given by The University after the issuance of the letters.

Teaching Faculty



Prof. Dr. Muhammad Jamshaid
Dean

Prof. Dr. M. Jamshaid has PhD in Pharmaceutics (Pharmacy) from University of Wales, Cardiff, UK. He did his Bachelors and Master degrees in Pharmacy from University of the Punjab. He has been the dean of Faculty of Pharmacy, founder principal of University College of Pharmacy, University of the Punjab. The present curriculum of "Doctor of Pharmacy" was first developed by Dr. Jamshaid which later on was implemented throughout Pakistan by Higher Education Commission and Pharmacy Council of Pakistan. He is a member of Board of Studies and Board of Faculties of various pharmacy institutes. Dr. Jamshaid has acquired a vast and versatile professional experience. He worked as member Drug Registration and Drug Licensing Boards, Ministry of Health, Islamabad, Chief Pharmacist in Teaching and Research Hospital and Production Manager in Pharma Industry. He is an HEC approved PhD supervisor and has supervised many M.Phil. / PhD students and published over 100 research articles in journals of international repute, many of them with good impact factor.



Dr. Mahmood Ahmad
Professor

Dr. Mahmood Ahmad, RPh, PhD is working as Professor of Pharmacy (January 2019 to date) as well as Director ORIC, University of Central Punjab. Before joining UCP, he was working as Professor and Dean Faculty of Pharmacy & Alternative Medicine, Islamia University of Bahawalpur. Until now 29 PhD and 86 M.Phil. degrees have been awarded under his supervision. He is author of more than 230 research articles with impact factor of 170 plus. He remained member, Pharmacy Council of Pakistan, Drugs Appellate Board, Member Drug Court, Provincial Quality Control Board, and National Council for Homoeopathy, Member/Secretary NCRC of HEC.



Dr. Khalid Idrees Khan
Associate Professor

Dr. Khalid Idrees Khan has a PhD in Pharmaceutical Microbiology from University of the Punjab, Lahore. He has about 41 years of teaching experience in addition to 5 years of research experience in a PL-480 research project as Research Officer. He did his Masters in Microbiology from University of the Karachi. Before joining UCP, he worked at the University College of Pharmacy, University of the Punjab, Lahore, in various capacities like Associate Professor, Convener of examination & result monitoring committee, in charge of admission and coordinator. He has supervised 32 students for their post graduate studies/research. He has more than 28 research articles to his credit, published in journals of international repute.



Dr. Faheem Ahmed Siddiqui
Assistant Professor

Dr. Faheem Ahmed Siddiqui is a PhD & M.Phil. from University of Karachi. Before joining UCP as an Assistant Professor, he has taught in various international and national Pharmacy Institutes. He gained valuable practical experience while working in various well reputed Pharmaceutical Industries and Hospitals. He started his career in educational sector as Assistant Professor Pharmacognosy in Fedral Urdu University, Karachi. He has also worked as Co-coordinator,



Dr. Ghulam Jilany Khan
Assistant Professor

Dr. Ghulam Jilany Khan did his PhD from China Pharmaceutical University, under HEC, Pakistan overseas scholarship where his research lab is among world's top 5 research institutes of pharmacology. His doctorate dissertation was on American Patent and has reported a novel molecular pathway of lung cancer metastasis. He is HEC approved PhD supervisor, presently working as Assistant Professor, has 34+ research publications with total impact factors exceeding 75 and 7 h-index. He has served as editor, editorial board member and PubMed verified reviewer (Publon) of 15+ international journals where he is ranked within top 18% in the field of Pharmacology.



Dr. Khalil Khadim Hussain
Assistant Professor

Dr. Khalil Khadim Hussain earned his PhD and post-doctoral research from Pusan National University, South Korea. Before that he obtained his Master in pharmaceutical sciences from University of Greenwich, UK and his bachelor of pharmacy degree from Punjab university, Pakistan. His PhD thesis title was "Development of electrochemical nano biosensors based on conducting polymers composite for detection of clinically relevant cancer biomarkers". His research interest includes fabrication of electrochemical detection systems, design of microfluidic nano biosensors. synthesis of new catalytic material for glucose detection and other clinically important biomolecules and detection of heavy metal ions/ drugs in various samples.



Dr. Mubashar Rehman
Assistant Professor

Dr. Mubashar Rehman is an Assistant Professor in Pharmaceutical Sciences. He did Pharm.D from University of Sargodha, Sargodha, and M.Phil. and PhD in Pharmaceutics from Islamia University of Bahawalpur, Bahawalpur, Pakistan. Prior to teaching, Dr. Mubashar has research experience in Nanomedicine Lab at Northeastern University, USA, on nanotechnology and tissue culture techniques to design nanomedicine. His area of specialization and supervision is Pharmaceutical Nanotechnology and he has published book chapters and research articles in high impact factor journals.



Mr. M. Nadeem Alvi
Assistant Professor

Mr. M. Nadeem Alvi is currently working as Program Director/Assistant Professor. in Faculty of Pharmacy, University of Central Punjab. He did his M.Phil. in Pharmaceutical Chemistry and graduation in Pharmacy from University College of Pharmacy, University of the Punjab, Lahore. Currently, he is doing PhD in Pharmaceutical Chemistry from Baha Uddin Zakariya University, Multan. He has a diverse working experience in Pharmacy and has more than 15 years of teaching and managerial experience in private and public sectors. Before joining UCP, he served Hajvery University, Paradoc International and Health Department as Purchase Officer at MSD,



Mr. Muhammad Shafeeq Ur Rahman

Assistant Professor

Lahore. He also has research contributions at national and international levels.

He is B. Pharm graduate from BZU, Multan. He is M.Phil. in Pharmacology from UOS, Sargodha. He is a PhD scholar in Pharmacology at GCU, Faisalabad (Thesis Writing Stage). He gained valuable organizational experience while working in Sanofi Aventis. His overall teaching experience is more than 10 years. He started his teaching career as Teaching Assistant and part time lecturer in Faculty of Pharmacy, UOS, Sargodha. Then he served UOL, as Assistant Professor. Before joining the UCP he was serving Assistant professor in LCPS. There are 9 publications in his credit. His research interest is ethno pharmacological studies in C.V.S, anti-microbial pharmacology and GI system pharmacology.



Mr. Imtiaz Majeed

Assistant Professor

Mr. Majeed received his M.Phil. degree in Pharmaceutics from University of the Punjab, Lahore and is currently enrolled as PhD scholar in the same university. He also has a degree of MBA from Pak-Aims Lahore. Mr. Imtiaz Majeed gained valuable organizational experience by working at different levels in different private and public sector organizations. His teaching experience spans over 18 years that includes the University of the Punjab, as Program Director/ Assistant Professor in Akhtar Saeed College of Pharmaceutical Sciences, Bahria Town, Lahore and Hajvery University, Lahore. There are more than 15 publications to his credit.



Mr. Irfan Bashir

Assistant Professor

Mr. Irfan Bashir is currently working as an Assistant Professor in Faculty of Pharmacy. He earned his M.Phil. in Pharmaceutics from GC University, Faisalabad, Pharm.D. from University of the Punjab, Clinical Research Certified Professional (CRCP) course from Clinical Trial Unit of DOW University Karachi, T.Q.M. from Virtual University, Certification in International Law & Human Rights from University of East London and currently doing PhD from The Islamia University of Bahawalpur. Mr. Irfan Bashir has authored, compiled and edited 10 books related to different fields of pharmacy. He has published more than thirty-five manuscripts in various international journals of good impact factor. He is also serving as Patron of UCP Health Club.



Ms. Ayesha Asif

Assistant Professor

She has joined Faculty of Pharmacy, University of the Central Punjab as an Assistant Professor. She has done Pharm. D. and then M. Phil. From University of the Punjab in Pharmacognosy (Pharmacy). Currently, she is PhD scholar at University of the Punjab and has completed the course work. In addition, she has published many Research Papers in scientific impact factor journals and she is also an active member of the Punjab Pharmacy Council. Her area of interest are Pharmacognosy / Phytochemistry / Biology and Chemistry of Natural Products.



Ms. Sana Jameel

Assistant Professor

She has done Masters in Toxicology from University of Surrey, United Kingdom. Before that she did her my graduation (Doctor of Pharmacy) from University of Lahore. She worked as a volunteer in British Toxicology during her masters and Currently she is a member of Pakistan Pharmacy Association.



Ms. Rabia Saleem

Assistant Professor

She joined Faculty of Pharmacy, University of central Punjab as an Assistant Professor. She has served two years as an adjunct faculty member in said institution before joining permanently. She had graduated from Department of Pharmacy, University of Punjab, Lahore and also acquired M.Phil. degree in Pharmacognosy (Pharmacy) from the same university.



Mr. Asad Mehmood

Lecturer

He is an Australian Registered Pharmacist and done Pharm-D from The University of Lahore and successfully completed Masters in Medicinal Chemistry & Business Management from University of Wollongong (UOW), Australia. He has worked as a Research Associate in the School of Chemistry at University of New South Wales (UNSW).

His research interests include the computational chemistry and drug designing of anti-cancer drugs. Mass-spectroscopy techniques are employed to get the maximum protein sequence coverage in order to locate the changes and designing of ligands.



Mr. Hassan Ahmad

Lecturer

He has earned his Pharm.D degree and Masters of Philosophy (M.Phil.) in Pharmaceutics from The Islamia University of Bahawalpur, Pakistan. Currently, he is also enrolled in PhD program in Pharmaceutics at BZ University Multan. Prior to UCP, he has worked as a Lecturer at Akhtar Saeed College of Pharmaceutical Sciences, Bahria Town, Lahore for three years and as a Visiting Lecturer at The Islamia University of Bahawalpur for 1 year. His area of interest in research is Pharmaceutical nanotechnology, Pharmaceutical dosage form and formulation development of novel and advanced drug delivery systems. He has also published his research articles in peer-reviewed and HEC recognized journals.



Ms. Ambreen Ishaque

Lecturer

Ms. Ambreen Ishaque obtained degree of M.Phil. in Pharmacology with distinction from Lahore College for Women University, Lahore and did Doctor of Pharmacy as Gold Medalist from The Hajvery University, Lahore. She has about 2 years of teaching experience at UCP and LCWU, Lahore. She has been an active researcher and her research interest is related to the role of medicinal plants in treatment and management of complications associated with chemotherapy.



Ms. Naila Tabassam

Lecturer

She has done Pharm.D from Lahore College for Women, University and M.Phil. in Pharmaceutics from University of Central Punjab. Her research area is Clinical pharmacy, which is a domain of pharmaceutics and her area of interest is pharmacy practice. Before joining the UCP, she has worked as a QC analyst, in Pacific Pharmaceutical industry, for one year, then she started working as Diabetes Educator at NOVO NORDISK Multinational Pharmaceutics for 2.5 years.



Ms. Rabia Ali

Lecturer

She has MS in pharmaceutical Chemistry from GCU, Lahore. Before that, she has completed her Pharm.D (Doctor of Pharmacy) from Baqai Medical University, Karachi. Her main objective is to get solid scientific and technical knowledge with responsibility and professional qualification and to work in an efficient, creative and sophisticated environment to advance her professional, research and teaching skills and ultimately be an asset for the institution.



Ms. Rabia Aslam

Lecturer

Ms. Rabia Aslam is a self-motivated, passionate scientist, teacher and a pharmacist. She is currently working as Lecturer in Faculty of Pharmacy. She earned her M.Phil. degree in Pharmaceutics from University of Central Punjab Lahore and Pharm. D. from University of the Punjab Lahore. She previously worked as Lecturer in Allama Iqbal College of Pharmacy, Lahore. She has diverse working experience in Pharmacy. She has published more than ten manuscripts in various National and International Journals. In research, her area of interest is Clinical pharmacy.



Ms. Tooba Mehboob

Lecturer

She has done her graduation (Pharm.D) from University of the Punjab and M.Phil. Pharmaceutics from University of Central Punjab. Her research is in Clinical Pharmacy and this is also her area of interest for further research work. Before joining UCP, she was working as a diabetes educator for 2.5 years in one the of leading multinational company Novo Nordisk.



Mr. Waqas Akram

Lecturer

Mr. Waqas Akram graduated from The Islamia University of Bahawalpur. He earned MS in Pharmacy Practice from University of Technology MARA, Malaysia. He was awarded with Good Clinical Practice certificate from Ministry of Health, Malaysia. He has profound interest in coaching clinical practice techniques to undergraduate students. He has more than 5 years of University teaching experience and more than 10 scientific publications in international journals.



Sarah Ahmad

Lecturer

She is currently serving as Lecturer at Faculty of Pharmacy, UCP. She has done M. Phil. in Pharmaceutics and has strong academic and teaching background. Possessing QC experience at Searle Pharmaceuticals applying practical knowledge for the prosperity of the institute.





Doctor of Pharmacy (Pharm. D)

Eligibility for Admission

F.Sc. Pre-Medical/ A-levels (Biology, Chemistry, Physics) or equivalent with Minimum 60 % Marks. CGPA required for award of Degree is 2.50 and other conditions as laid down by UCP & PCP.

Total Credit Hours 198

Duration 5 years

Salient Features:

- HEC approved Qualified & Experienced Faculty
- Curriculum approved by HEC and

Pharmacy Council of Pakistan.

- The degree program is fully approved by Pharmacy Council of Pakistan (PCP).
- Well Equipped Laboratories.
- Internship/Industrial Exposure during Studies.

Sample Course Plan for Pharm.D (Five-Year Program)

1st Professional Pharm.D

1st Semester

Course No.	Subject	Cr. Hrs.
ENG 300	English-A (Functional English)	2
PHARM 310	Pharmaceutics-IA (Physical Pharmacy)	3+1
PHARM 311	Pharmaceutical Chemistry-IA (Organic)	3+1
PHARM 312	Pharmaceutical Chemistry-IIA (Biochemistry)	3+1
PHARM 313	Physiology-A	3+1
PHARM 314	Anatomy & Histology	3+1
Total Credit Hours		22

2nd Semester

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
Total Credit Hours		20



Sample Course Plan for Pharm.D (Five-Year Program)

2nd Professional Pharm.D

1st Semester

Course No.	Subject	Cr. Hrs.
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 & Therapeutics-IA	3+1
PHARM 413	Pharmacognosy-IA (Basic)	3+1
PHARM 414	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3
Total Credit Hours		22

2nd Semester

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 & Therapeutics-IB	3+1
PHARM 418	Pharmacognosy-IB (Basic)	3+1
PHARM 419	Pharmacy Practice-IB (Bio- statistics)	3
Total Credit Hours		21

3rd Professional Pharm.D

1st Semester

Course No.	Subject	Cr. Hrs.
PHARM 510	Pharmacy Practice-IIA (Dispensing Pharmacy)	3+1
PHARM 511	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	3+1
PHARM 512	Pharmacology & Therapeutics-IIA	3+1
PHARM 513	Pharmacognosy-IIA (Advanced)	3+1
PHARM 514	Pathology	3+1
Total Credit Hours		20

2nd Semester

PHARM 515	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	2
PHARM 516	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	3+1
PHARM 517	Pharmacology & Therapeutics-IIB	3+1
PHARM 518	Pharmacognosy-IIB (Advanced)	3+1
PHARM 519	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	3
Total Credit Hours		19

Sample Course Plan for Pharm.D (Five-Year Program)

4th Professional Pharm.D

1st Semester

Course No.	Subject	Cr. Hrs.
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
Total Credit Hours		19

2nd Semester

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
Total Credit Hours		19

5th Professional Pharm.D

1st Semester

Course No.	Subject	Cr. Hrs.
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
Total Credit Hours		18

2nd Semester

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 Management & Marketing)	3
PHARM 719	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	3+1
Total Credit Hours		18

Pharm.D Five-Year Credit Hours Summary:

Pharm.D.	1st Semester Cr. Hr.	2nd Semester Cr. Hr.	Total Cr. Hr.
1st Professional	22	20	42
2nd Professional	22	21	43
3rd Professional	20	19	39
4th Professional	19	19	38
Final Professional	18	18	36
Total Credit Hours	101	97	198

Masters of Philosophy in Pharmacy (Pharmaceutics)

Professionals having Pharm.D with M.Phil. & PhD degrees are in great demand in the various areas of Pharmaceutical research and development (R&D). Research in the Pharmaceutics Department encompasses basic, applied, and clinical investigation in pharmacokinetics/ Biopharmaceutics, pharmaceutical analysis, pharmaceutical technology, biotechnology drug delivery and herbal medicines. Other areas where professionals are extending their services are;

- **New Drug Discovery Research (NDDR):** Discovering a new drug has assumed prime importance.
- **Process Development (P&D):** One of the important areas in bulk drugs industry is developing viable processes for the manufacturing of drugs and intermediates for their commercial production.
- **Formulation & Development (F&D):** The success of any pharmaceutical company lies in the quality of its products, i.e., its formulations & dosage forms.
- **Clinical Trials, Bioequivalence studies, Toxicological Studies:** These are some of the areas of clinical research which are in high demand as they are involved in the systematic evaluation of potential

drug substances prior to getting them approved by the authorities.

Faculty of Pharmacy has already launched M.Phil. in Pharmacy (Pharmaceutics), offering graduates of pharmaceutics a career pathway of their choice in their major discipline. Our core ideology is "to provide leadership in advancing the quality of pharmacy education at all levels" is reflected in the teaching, research and service activities while the Pharmaceutics has a ready job market, but still using the university's existing links with industry and business, the program will create space for its graduates through internships, placements and job fairs.

This degree would be professional degree and equip the graduates to work in their chosen field with confidence, theoretical foundation and practical skills.

Admission Requirements:

- Pharm. D. or B. Pharm from HEC & PCP recognized institutions.
- Minimum 2.0 CGPA in semester system/ 2nd division in annual system
- Test/ interview as per UCP admission policy
- Other conditions as prescribed by the HEC and PCP for the degree program.

**Sample Course Plan for M. Phil. Pharmacy (Pharmaceutics)****First Semester**

Course No.	Subject	Cr. Hrs.
MPCU-701	Advanced Pharmaceutics-I	3
MPCU-702	Applied Biopharmaceutics and Pharmacokinetics	3
MPCU-703	Pharmaceutical Microbiology	3
MPBS-704	Biostatistics	3
Total		12

Second Semester

MPCU-711	Pharmaceutical Technology	3
MPCU-712	Clinical Pharmacy	3
MPCU-713	Advanced Pharmaceutics-II	3
MPRM-714	Research Methodology, Seminar & Project writing	3
Total		12

Third Semester

MPCU-721	Research and thesis	3
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Fourth Semester

MPCU-731	Research and thesis	3
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Total Credit Hours 30



Faculty of Media and Communication Studies



Prof. Dr. Mian Hanan Ahmad
Dean

The field of media and communication is expanding and developing more than it has ever before. At Faculty of Media and Communication Studies (FMCS), we teach enduring skills and values wrapped in technologies and knowledge that are essential to flourish for a future either within or beyond the media and communication industries.

Since its founding in 2014, FMCS has been dedicated to expanding and sharing knowledge, inspiring innovation and technical information for future generations.

The faculty is one of the largest providers of exceptional in-house and practice-based media education and related subjects in Pakistan. We offer rigorous degree programs that embrace different theoretical and methodological approaches and develop the skills required for working in leading edge media professions. The quality and vitality of our degree programs remain unsurpassed, providing the foundation and opportunity for students not only to succeed, but to shape the future of media and communication.

We offer an array of exceptional facilities like in-house TV Studio, Non-linear Editing lab, in-house Radio Station FM 92.6 (UCP Ki Dunya), highly qualified and professional teaching faculty to equip you with the practical knowledge needed to be successful in the contemporary media world. Being FMCS student, you, in addition to other mainstream media, will have the chance to gain hands-on experience through our internship programs at Dunya Media Group.

All programs at FMCS aim to prepare students to work in media-related industries, and train them to critically analyse the ways in which the media reflects, represents and influences the society. With innovative curriculum, exceptional facilities we have a single purpose; provide the education, experiences, and resources needed to prepare media practitioners who will lead in the 21st century.



Pakistan's Number One Media Faculty A Beginning of Endless Opportunities

Established in 2014, Faculty of Media and Communication Studies (FMCS) is one of the finest and biggest Institutions of Mass Communication in Pakistan with more than 500 enrolled Students.

Working under the leadership of most prestigious educationist of Pakistan, Prof. Dr. Hannan Ahmad, FMCS is the only private University in Pakistan to get the status of "Faculty of Media and Communication Studies" (FMCS) and the only Private sector University to have NOC from HEC for its M.Phil. & PhD programs in Media Studies.

FMCS has a thriving media and communication environment and it is first ever institution of Pakistan which has its own Cutting-edge TV Studio/In-house Production House, State-of-the-art Non Linear Editing Lab (NLE), Radio Station FM 92.6 (UCP Ki Dunya) with 24/7 transmission, which

gives it a distinguished position in the educational sector of Pakistan.

FMCS is committed to maintain an outstanding teaching and learning experience. It not only teaches degree programs in media and communication studies but also provide a variety of experience other than the classroom, that help students to prepare for a career in media and communication related fields.

FMCS will support you on your journey to become an exceptional individual; equipped with the qualities and values to succeed in your career. It is educating and equipping graduates for the rapidly evolving communication, media and arts industries.

Through the University's partnerships and initiative programs with international bodies; students and faculty enjoy unparalleled access to

international acquaintance, exposure and resources. FMCS nurtures its students by providing them a canvas to translate the dreams and develop their knowledge, skills and experience to achieve their personal and professional goals to transform their ambitions into actions.

Why Faculty of Media and Communication Studies (FMCS)?

If you are passionate about your goals, we have following incomparable facilities and opportunities to help you achieve your potential.

- The only Private Sector University to have NOC from HEC for its M.Phil. & PhD programs in Media Studies
- The first ever state-of-the-art In-house TV Studio/Production House. An ideal opportunity

for students to get hands on training to produce news bulletins, news reports, talk shows, short films, documentaries as well as experience virtual studio productions

- The biggest state-of-the-art Non Linear Editing Lab of Pakistan for Editing and Graphic Designing purposes
- FM Radio 92.6, UCP Ki Dunya. The first educational Radio Station in Pakistan running round the clock transmission
- Potential partnership opportunities with Communication University of China (CUC).
- Four Specializations being offered in BS (Hons.):
 - Mass Communication & Research
 - Professional Journalism (TV,

Radio & Print)

- Broadcast (Radio, TV) Film & Theatre Studies
- Advertising & Public Relations
- Highly qualified and professional teaching faculty
- Quarterly Newsletter "Communication Times"
- Centre for Training and Research (CTR)
- Film and Theatre Centre (FTC)
- State-of-the-art Class rooms and infrastructure
- In-house Internship opportunities for students in Production House/ TV Studio, NLE lab and FM Radio 92.6, UCP Ki Dunya, Dunya News/ TV, Dunya Newspaper and Lahore News.
- Outdoor Internship and career opportunities for our students in

leading TV channels, newspapers, Public Relations and Advertising agencies, Radio stations and in other different media outlets.

- "Media Club" known as one of the best societies of University and declared as "Society of the Year 2017" to cultivate the extra-curricular activities and skills of the students.

Only private sector University from Pakistan to collaborate with Arizona State University & US State Department as a project partner to improve Election Coverage in Pakistan. In first phase of this project, FMCS has inducted the course "Media, Politics and Reporting Elections" in FMCS with the collaboration of Arizona State University and US State Department.

BS (Hons.) 4-years Media and Communication Studies Program

This program is spread over a period of 4 years, divided into 8 semesters with total Number of 132 Credit hours. BS (Hons.) 4-years Program offers four following Specializations starting from 6th Semester.

1. Mass Communication & Research
2. Professional Journalism (TV, Radio

3. Broadcast (Radio, TV), Film & Theatre Studies
4. Advertising & Public Relations

Eligibility Criteria:

FA., F.Sc., A-Level, I.Com., ICS or equivalent qualification with at least

45% marks. Applicants will go through a test and in-house interview.

Note: Students will take core courses (mandatory courses) in first 5 semesters. From 6th Semester onwards students will opt any one out of four specializations mentioned above.

Sample Course Plan for BS Media and Communication Studies

Course Code	Title	Cr. Hrs.
Semester-I		
JMS 1013	English –I	3
JMS 1023	Pak Studies	3
JMS 1033	Introduction to Mass Communication	3
JMS 1043	News writing (English/Urdu)	3
JMS 1053	Media History in the Subcontinent	3
JMS 1062	Computer Skills	2
		17
Semester-II		
JMS 1073	English –II	3
JMS 1083	Islamic Studies	3
JMS 1093	Mass Media in Pakistan	3
JMS 1003	Current Affairs	3
JMS 1113	Editing News/Copy Editing (English/Urdu) (Newspaper, RD &TV)	3
JMS 1123	Foreign Language* (Chinese, German, French, Persian)	3
		18
Final selection of language (Chinese, German, French, Persian) will depend on the availability of the instructor.		
Semester-III		
JMS 2013	Media Laws and Ethics	3
JMS 2023	Foundation of Public Relations	3
JMS 2033	Fundamentals of Advertising	3
JMS 2043	Introduction to Social Science	3
JMS 2053	Functional Urdu	3
JMS 2063	Broadcast Journalism (TV & RD)	3
		18

Sample Course Plan for BS Media and Communication Studies

Course Code	Title	Cr. Hrs.
Semester-IV		
JMS 2073	Introduction to Film & Theater Studies	3
JMS 2083	Development Communication	3
JMS 2093	Contemporary World Media	3
JMS 2003	Statistics	3
JMS 2014	Reporting & Editing Workshop (English/Urdu)	4
JMS 2022	Social Psychology	2
		18
Semester-V		
JMS 3013	Community Journalism/ Visual Communication Media in Conflict & Crisis Communication	3
JMS 3024	Feature, Column & Editorial Writing (Training & Practice)	4
JMS 3033	Foundation of Behavioural Research	3
JMS 3043	Media Seminar	3
JMS 3053	Media Management	3
JMS 3062	In-House Internship (UCP Newsroom, FM Radio, Communication Times News Letter)	2
		18

Specializations

For Sixth, Seventh and eighth semester each successful student will opt any one of the following specializations:

1. Mass Communication & Research
2. Professional Journalism (TV, Radio & Print)
3. Broadcast (Radio, TV), Film & Theatre Studies
4. Advertising & Public Relations

Specialization 1**Mass Communication & Research**

Course Code	Title	Cr. Hrs.
Semester-VI		
JMS 3113	Mass Communication Theories	3
JMS 3123	Communication Research Methods	3
JMS 3133	Organizational Communication	3
JMS 3143	Mass Media and Society	3
JMS 3153	Online Journalism (Training & Practice)	3
Total		15

Semester-VII

JMS 4163	Issues in Mass Communication	3
JMS 4173	Research Practicum	3
JMS 4183	Crisis Management Communication	3
JMS 4193	International Communication	3
Total		12

Semester-VIII

JMS 4103	Usage of Research Tools (SPSS, APA Style, etc.)	3
JMS 4113	New Media	3
JMS 4124	Internship and Report	4
JMS 4136	Thesis	6
Total		16

Specialization 2**Professional Journalism (Radio, TV & Print)**

Course Code	Title	Cr. Hrs.
Semester-VI		
JMS 3213	Online Journalism (Training & Practice) or Citizen Journalism	3
JMS 3224	News Writing (Radio & TV)	4
JMS 3233	Computer Typing (English/Urdu)	3
JMS 3243	Video Production	3
Total		13

Semester-VII

JMS 4253	Introduction to Print (Printing & Book Publishing)	3
JMS 4263	Specialized Reporting: Disaster Reporting	3
JMS 4273	Page Make-up & Design	3
JMS 4283	Magazine Journalism (English/Urdu)	3
JMS 4293	Free & Responsible Journalism	3
Total		15

Semester-VIII

JMS 4203	Advance Reporting (Practice)	3
JMS 4214	Final Project (RD & TV)	4
JMS 4224	Internship and Report	4
JMS 4234	Final Project (Print Media)	4
Total		15

Specialization 3**Broadcast (Radio, TV), Film & Theatre Studies**

Course Code	Title	Cr. Hrs.
Semester-VI		
JMS 3363	Script writing for Radio and TV	3
JMS 3323	Types of Production	3
JMS 3333	Film, theater and Society	3
JMS 3343	Planning a documentary for TV	3
JMS 3352	Introduction to Filmosophy	2
Total		14

Semester-VII

JMS 4363	Post Production	3
JMS 4373	Directing the Actors (Film/Drama)	3
JMS 4383	Introduction to Film Studies	3
JMS 4393	Introduction to Animation	3
JMS 4303	Screen Play Writing	3
Total		15

Semester-VIII

JMS 4313	World Cinema: An Overview	3
JMS 4323	Live/Outdoor Broadcasting	3
JMS 4334	Internship and Report	4
JMS 4344	Final Project	4
Total		14

Specialization 4**Advertising & Public Relations**

Course Code	Title	Cr. Hrs.
Semester-VI		
JMS 3453	Theories, Principle and Practices of PR	3
JMS 3423	Theories, Principle and Practices of Advertising	3
JMS 3433	Media planning, Operations, Monitoring & Evaluation	3
JMS 3444	Research in Advertising & PR	4
Total		13

Semester-VII

JMS 4453	International PR & Advertising	3
JMS 4463	Copywriting (Training & Practices)	3
JMS 4473	Advertising & Society	3
JMS 4483	Public Relation & Advertising: Case Studies	3
JMS 4493	Book Reviewing on PR & Advertising	3
Total		15

Semester-VIII

JMS 4403	PR & Advertisement in Digital Age	3
JMS 4414	Internship and Report	4
	Final Project on Public Relations	4
JMS 4434	Final Project on Advertising	4
Total		15

M.Sc. Journalism & Mass Communication 2 Year Program

This program is spread over a period of two years, divided into four semesters with total 67 Credit hours.

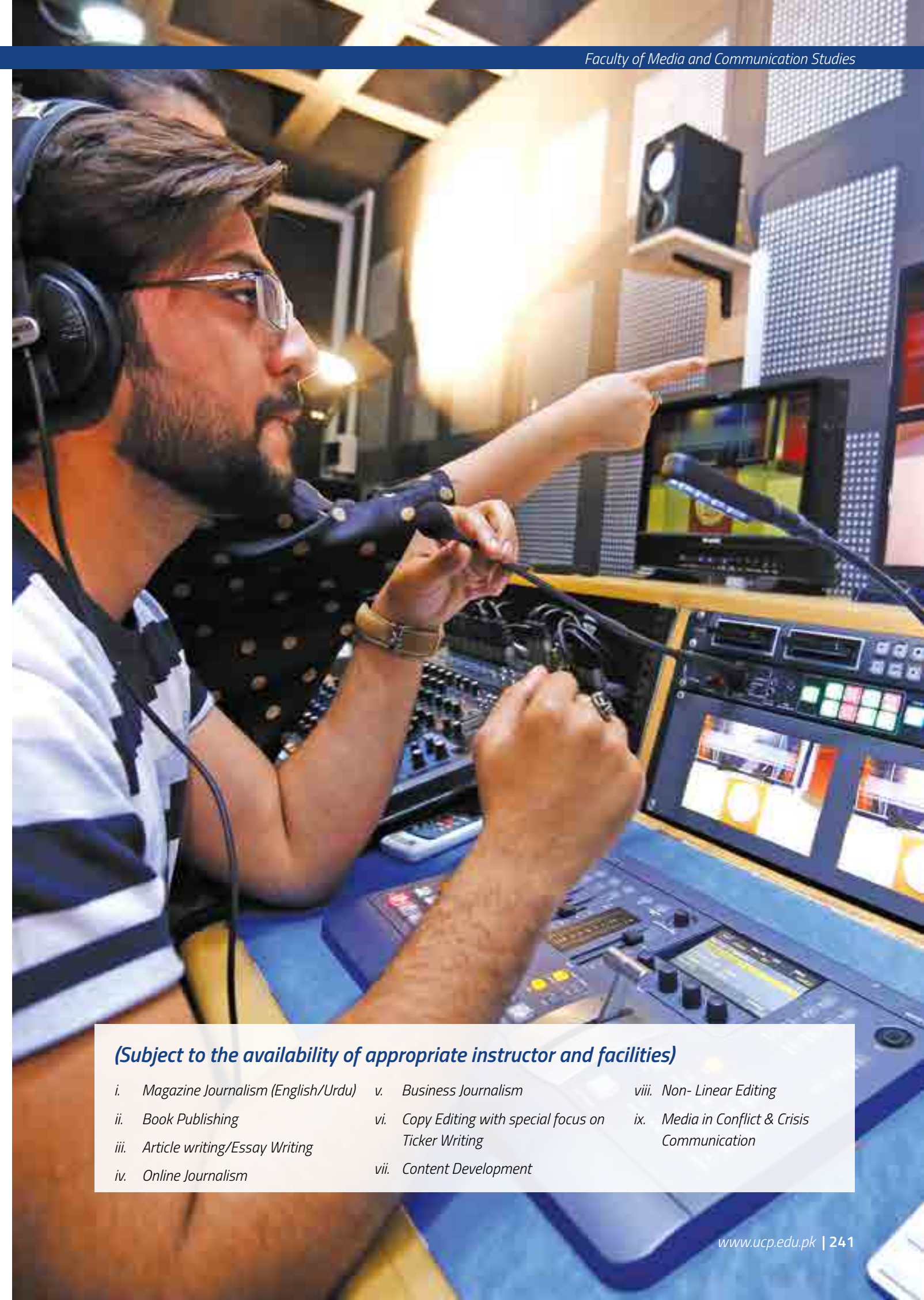
Eligibility Criteria:

BA, B.Com., B.Sc., BCS (2 Years) or equivalent qualification with at least

45% marks. Applicants will go through an in-house interview.

Course Code	Title	Cr. Hrs.
Semester-I		
JMS 5414	Media History (Pre & Post Partition)	4
JMS 5422	Computer Skills	2
JMS 5433	News Writing & Editing (English/Urdu) (Print Media)	3
JMS 5443	Introduction to Mass Communication	3
JMS 5453	Language and Communication	3
JMS 5463	Fundamentals of Production (Pre & Post Production)	3
Total		18
Semester-II		
JMS 5473	Media Laws and Ethics	3
JMS 5483	Current Affairs	3
JMS 5493	News Writing & Editing (English/Urdu) (TV & RD)	3
JMS 5403	Broadcast Journalism (TV & RD)	3
JMS 5413	Development Communication	3
JMS 5423	Visual Communication (Graphic Designing, Photography, Cinematography & Animations)	3
Total		18
Semester-III		
JMS 6413	Foundation of Advertising & Public Relations	3
JMS 6423	Foundation of Behavioral Research	3
JMS 6433	Mass Communication Theories	3
JMS 6443	Feature, Column & Editorial Writing (Training & Practice)	3
JMS 6453	Contemporary World Media Or Crisis Management Communication	3
Total		15
Semester-IV		
JMS 6403	Advance Reporting / Mass Media and Society (Training & Practice)/Media Management	3
JMS 6473	Issues in Mass Communication	3
JMS 6483	International Communication	3
JMS 6493	Internship1	3
JMS 6404	Research Report/Project/Optional Course2	4
Total		16

*Note: 1. Students are allowed to complete their internship preferably during Summer Semesters or in any other long break
2. Those students who do not want to opt Research Report/Projects they have to select one optional course from the list below.



(Subject to the availability of appropriate instructor and facilities)

- | | | |
|---------------------------------------|---|--|
| i. Magazine Journalism (English/Urdu) | v. Business Journalism | viii. Non- Linear Editing |
| ii. Book Publishing | vi. Copy Editing with special focus on Ticker Writing | ix. Media in Conflict & Crisis Communication |
| iii. Article writing/Essay Writing | vii. Content Development | |
| iv. Online Journalism | | |

Centre for Advance Studies (CAS)

M.Phil. and PhD Programs in Media & Communication Studies

These are the most prestigious programs of Faculty of Media and Communication Studies (FMCS) supervised by nationally and internationally reputed teaching faculty.

FMCS of University of Central Punjab is the only Private Sector University to have NOC from HEC for its M.Phil. and PhD programs in Media Studies and two full time Professors as permanent faculty. As a student, you will be well equipped with all required abilities to enter in the expanding field of media.



M.Phil. in Media and Communication Studies (2 Years Program)

Specialization:

- Thesis Based
- Project Based

This program comprises two years and is divided into two parts, course work and Thesis/Project. Course work is spread over a period of two semesters

carrying a weight of 24 credit hours. After the completion of course work the students will go for Thesis/Project carrying a weight of 12 credit Hours.

Eligibility Criteria:

Master's or BS (4-Years) Degree preferably in Mass Communication

/ Journalism or equivalent degree of Social Sciences and Humanities may also be considered on case to case basis from any recognized University with minimum 2.50 CGPA. The subject test and subsequent interviews will be arranged by the department for the selection of the candidates.

Specialization (A)

Thesis Based

Course Code	Title	Cr. Hrs.
Semester-I		
JMS 5113	Approaches to Mass Communication Studies - I	3
JMS 5123	Communication Research Method - I	3
JMS 5133	International Communication	3
JMS 5143	Philosophy of Social Sciences	3
Total		12
Semester-II		
JMS 5153	Approaches to Mass Communication Studies - II	3
JMS 5163	Communication Research method - II	3
JMS 5173	Optional Course* (Media Cultural and Society/ Advance Development Communication / Media, Politics and Reporting Elections/Media in Conflict & Crisis Communication)	3
JMS 5183	M.Phil. Seminar	3
Total		12
Semester-III+IV		
JMS 6112	Thesis	12
Total		12

* Note: Student will opt any one out of these optional courses.

- Media Culture & Society
- Media and Politics
- Advance Development Communication
- Media, Politics and Reporting Elections
- Media in Conflict & Crisis Communication

"If you are interested in the rapidly changing field of journalism, want to write and understand how journalism and other forms of media communication work, then one of our journalism degrees is for you"

Specialization (B)

Project Based

Course Code	Title	Cr. Hrs.
Semester-I		
JMS 5313	Public Relations & Advertising Practicum (with project)	3
JMS 5323	Visual Communication (Graphic Designing, Photography, Cinematography & Animations)	3
JMS 5333	Research Methods	3
JMS 5343	Writing Techniques (Radio & TV with projects)	3
Total		12
Semester-II		
JMS 5353	Production Techniques (Radio & TV with Project)	3
JMS 5363	Film & Theater Studies (With Project)	3
JMS 5373	M.Phil. Seminar OR Media Culture & Society/Global Communication Advance Development Communication/Media, Politics and Reporting Elections/Media in Conflict & Crisis Communication	3
JMS 5383	Tools and Skills of Production (Typing Skills and Copy Editing with special focus on Ticker Writing)	3
Total		12
Semester-III+IV		
JMS 6312	Final Project	12
Total		12

PhD Media and Communication Studies

This program is divided into three parts; course work, comprehensive exam and dissertation. Duration of this program is minimum 03 years and maximum 08 years. Course work is spread over a period of two semesters, involving courses of 18 credit hours. After the completion of course work those students who wish to appear in comprehensive exam, have to file candidacy petition. The students will be asked to provide one general area of dissertation and one secondary area in consultation with their advisor and must satisfy the committee that he/she is equipped enough to conduct the research in a specific area. Then they will be asked to take a comprehensive written exam (Max 2 Attempts) followed by Viva Voce. After defending

comprehensive exam, students will be permitted to write their proposals under the close supervision of their supervisors. The proposal will be discussed in Doctoral Committee and finally in Board of Advance Studies & Research (BAS&R) of University of Central Punjab. After final approval of proposal, students will go for Dissertation.

Eligibility Criteria:

M.Phil. degree preferably in Mass Communication / Journalism or any equivalent degree in Social Sciences and Humanities may also be considered on case to case basis with minimum 3.00 CGPA from a recognized University.

Applicant will go through a written test

and successful candidates will then be interviewed by the Centre for Advance Studies (CAS).

Specializations offered in PhD:

1. Global/Intercultural Communication
2. Development Communication
3. Media, Culture and Society
4. Social Media
5. Mass Communication (In general)
6. Media and Politics
7. Semiotics
8. Media Management
9. Rhetoric Communication
10. Gender Studies
11. Media in Conflict & Crisis Communication

Course Code	Title	Cr. Hrs.
Semester-I		
JMS 7013	Research Debates	3
JMS 7023	Managing Information	3
JMS 7033	Tools and skills of Social Sciences Research	3
Total		9
Semester-II		
JMS 7043	Dissertation Writing Workshop	3
JMS 7053	Optional Course* (Book Review, Media in Conflict & Crisis Communication, Gender Studies, Rhetoric Communication, Global Communication, Media Effects, Semiotics etc.)	3
JMS 7063	Research Practicum	3
Total		9
Semester-III+IV		
JMS 7030	Dissertation	30
Total		30

* Note: Students will opt any one out of twelve optional courses.

- | | | |
|---|------------------------------|---------------------------|
| 1. Global/Intercultural Communication | 4. Media Culture and Society | 9. Rhetoric Communication |
| 2. Media in Conflict & Crisis Communication | 5. Social Media | 10. Media Effects |
| 3. Development Communication | 6. Media and Politics | 11. Media Management |
| | 7. Semiotics | 12. Book Review |
| | 8. Gender Studies | |

Centre for Training and Research (CTR) (Diploma & Certificate Program)

CTR (Centre for Training and Research) is the professional organ of Faculty of Media and Communication Studies. The purpose of CTR is to provide short and long term training in the form of diploma and certificate programs in collaboration with National and International Media Organizations and NGOs.

CTR is currently offering diploma / certificate / short term training programs in the fields of Copy Editing and Ticker Writing, Content Development, Animation and Graphic Design, Non Linear Editing and Programming / Production and many more in collaboration with Dunya Media Group.

Who can apply?

- Enthusiastic and passionate undergraduates/graduates.
- On-service/ mid-career media professionals.

- Interns from Mass Communication Departments of various Universities.

Diploma Program

This program is spread over a period of 3-6 months with emphasis on practical work to enhance the skills of candidates.

Courses Offered:

- Advertising and Public Relations with special focus on Social Media Marketing
- Specialized Reporting (Crisis/ Disaster, Sports, Health, Education)
- Development Journalism
- TV Production
- Radio Production
- 3D Animation

Certificate Program:

This program consists of short term

training of 6 weeks in the form of workshops with hands on practice.

Courses Offered

- News Anchoring
- Camera Reporting
- Copy Editing
- Reporting Techniques and Ethics (Responsible Coverage)
- Non Linear Editing (NLE) and Lighting Techniques
- Photo Journalism
- Community Journalism
- Citizen Journalism
- Training for Resource Person/ Research techniques for media
- Ticker Writing and Journalistic writing
- SPSS and APA Style
- Synopsis Writing
- Data Journalism



UCP TV/Production House-FMCS

School of Media and Communication Studies (FMCS) proudly owns a fully functional TV Studio/Production House, UCP TV which is our on-campus training lab for media students. The motive behind is to make education relevant and to create 'industry fit' skilled workforce.

The training process aims to strike a balance between the theoretical and practical approach to the field. The setup is at par with any renowned running TV channel setup having three types of sets including virtual set which will be used for production of entertainment, infotainment and current affairs shows.

It has invaluable infrastructural assets like HD Cameras, Professional vision mixer and Audio Switcher, iMac Editing Machine, studio lights and

grid, Autocue Teleprompter, along with state of the art Master control room and much more. The equipment has the capacity to produce complete professional News Bulletins, Current Affairs Shows, Documentaries, Short films, etc.

Faculty and media professionals at FMCS are very much enthusiastic and confident that their knowledge and experiences under the guidance of the esteemed Dean, will allow them to help and contribute in fully equipping their students with all the professional traits of news and program productions which are currently being practiced in any big TV channel of the country.

UCP media students will make an immediate and positive impact in the current media industry by joining

any organization as well versed and sensitized visionary probationers and will be distinguished as 'UCP Media Students'.

FM 92.6 (UCP KI DUNYA)

The creation of the FM 92.6 (UCP KI DUNYA) is an important milestone in the educational history of University of Central Punjab. With 500 Watts FM Transmitter and 20 KM Radius, UCP KI DUNYA is the only FM station in educational sector which provides 24/7 transmission to its audience. In UCP radio, students get the opportunity to work together and to keep the airwaves lively. Students learn voice broadcasting techniques, making documentaries, ANR, magazine program, News reel production and live transmission and other program formats. Besides, students also learn the art of

vocal production and present their program live and recorded. In our audio terminals, students perform all major editing tasks and learn how to edit, trim, mix, record, and apply effect and many more functionality on audio. With the rapid growth of media market and its further integration with social media, UCP FM radio station has aimed to produce Bi-media professional for existing, National and International media market. This commercial-free campus based radio fits perfectly with the mandate of Universities and their students. The UCP Radio, FM 92.6 is fully integrated with the modern broadcasting facilities. Live streaming to explore new voice artists/talents, auditions are held after every 6 months under the supervision of highly trained UCP

media professionals. We guide youth in the right way, make them useful member of the global community and revitalizing their culture and norms which are becoming obsolete.

News Anchoring Short Course

Faculty of Media & Communication Studies, UCP after achieving the proud establishment of a fully equipped, cutting edge in-house TV Studio/Production House (UCP TV), took the first step by offering a three-week course titled "Short Certificate in Anchoring (News Casting & Program Hosting)" with special focus on training of its students and general participants to start their career in the media industry as TV anchors.

FMCS envisioned providing guidance to the participants to polish their raw skills into professional anchoring.

To achieve the purpose, renowned professional anchors from the field were invited to train and give special lectures to students. Gharida Farooqi, Uzma Nauman, Ajmal Jami, Tariq Mateen, M.A. Hamza, Ussama Tayyab, Assadullah Khan, and many other seasoned Anchors trained the participants. Not only youngsters and students were its participants but refreshingly businessmen and lawyers also participated in the training to fine tune their TV appearances.

After the completion of this 3 weeks course the participants were awarded with certificates. FMCS proved yet again as a torchbearer in the media education by offering this one of its kind first Anchoring Training Certification.



Teaching Faculty



Prof. Dr. Mian Hanan Ahmad
Dean & Professor

Dr. Mian Hanan Ahmad is the Dean of Faculty of Media and Communication Studies at University of Central Punjab (UCP), Lahore, Pakistan. A PhD in Communication & Culture from York University, Canada, Masters in Mass Communication from University of the Punjab, Lahore, M.Phil. in U.S. Studies (History & International Relation) and M.Sc. in Defense & Strategic Studies from Quaid-i-Azam University, Islamabad. Prior to joining UCP, he has worked as Dean of Social Sciences and Head School of Creative Arts, at University of Lahore, Chairperson Department of Media and Mass Communication at University of Management and Technology (UMT), Lahore and Forman Christian College, Lahore. He has worked on various academic and research positions in a number of national and foreign universities and served in Prime Minister's Office, Islamabad, too.

Apart from being the member of academic boards of various universities, he is associated with the Canadian Communication Association since 2006, and the member of HEC's National Curriculum Revision Committee for Media and Mass Communication in 2012 and 2013. He is also approved research supervisor for PhD by Higher Education Commission of Pakistan.

Dr. Hanan's areas of interest include, but are not limited to media and foreign policy, media and terrorism, media conflict resolution, media and advocacy, political Communication, women portrayal in media and body image, health and development communication, media and economics and the role of media for social change.



Prof. Dr. Shafiq Jullandhry
Professor

MA, PhD, MS (DSE), Iowa, USA

Dr. Shafiq is a writer of award winning books such as Urdu column Naweesi, Feature Nigari and America Nama. He was a former Professor and Chairman of Mass Communication Department Punjab University Lahore, Dean Faculty of Social Sciences and Faculty of Humanities, Karakorum International University, Gilgit. He has also severed as Former Chairman Department of Media and Communication Lahore Leads University.



Dr. Noor Hayat Sargana
Assistant Professor

Dr. Noor Hayat Sargana, has joined University of Central Punjab as Assistant Professor & HOD Theory, Research and Print. Dr Noor Hayat Sargana has completed his doctorate degree from Universiti Sains Malaysia (USM). The title of his PhD thesis was "Islam and Muslims Through the Lens of Western Media; A Comparative Analysis of Talk Shows of CNN and BBC. Before that he did MS in Mass Communication from Universiti Teknologi MARA (UiTM), Malaysia. He has been teaching at various universities including, Government College University Faisalabad, Bahria University Islamabad, Shaheed Zulfikar Ali Bhutto Institute of Science and Technology and Riphah International University. He has attended different international conferences and his scholarly work has also been published in renowned research journals. His research interests are international and political communication, textual analysis, media framing and agenda setting.



Ms. Hina Adeeb
Assistant Professor

Ms. Hina Adeeb joined University of Central Punjab as Assistant Professor. She is a distinction holder in her M.Phil. Program and has been associated with broadcast journalism for last twelve years and has served Pakistan's leading television channels, national and multi-national organizations as voice over artist. She holds an international experience as first radio broadcaster to be on air from Indian Community Radio Station Salam Namaste FM 90.4 Noida Ghaziabad (India).



Mr. Ahmad Sheikh
Assistant Professor

Mr. Sheikh ranked as one of the top media specialists in the country with 37 years of extensive experience in programme planning, Radio Production and reporting within the country and abroad. He has joined FMCS as Assistant Professor and HOD of Radio FM 92.6 UCP Ki Dunya. Besides, Ahmad Sheikh has 15 years teaching experience of advanced media studies, open source journalism and spectrum trading at National and International Universities. Bi-Media professional Mr. Sheikh achieved two gold medals and 3-excellence awards in various fields of radio production. He served as PBC representative in UK for 3 years and attended conferences and covered many events (Live) from USA, UK, SouthAfrica, Saudia Arabia, UAE and Sri Lanka. Ahmad Sheikh is a pioneer of FM culture and started transmission of FM 101, installed 3 FM stations and modified one AM station in the country. He served as Head of National Broadcast Services, Head of Central Production Unit, Deputy Controller Home during the period 2006-2010. He earned his Master degrees in English Language and Literature & Political Science from the University of Punjab and Advance Media Studies from the London School of Journalism and Surrey University Guildford. He is a published author of world leading news aggregator ezine.com and upublish.com.



Mr. Fahad Anis
Lecturer

Mr. Fahad Anis has completed his M.Phil. in Mass Communication from Allama Iqbal Open University, Islamabad and M.Sc. in Communication Studies from Institute of Communication Studies, University of the Punjab, Lahore. He is currently associated with FMCS, University of Central Punjab, Lahore as Lecturer and previously served at Superior University and Minhaj University Lahore. He was selected for the scholarship awarded by the joint venture of HEC-SAMAA TV Program (2009-2010), and won Cultural Exchange Scholarship Program for MS Degree (2013) which is considered an honor for any student of media. He is author of three research articles published in internationally reputed journals and have experience of presenting research paper in various International Conferences. Some of the research articles are in pipeline for publishing on different areas including cartoon communication, Information Communication Technology, Crisis Communication, and New Media Effects.



Ms. Muniba Fatima Zahra

Lecturer

Ms. Muniba Fatima Zahra is specialized in Communication Theory and Research. She has working experience in various fields like DGPR, Print Media, Event Management and teaching in the field of Journalism and Mass Communication. She is a Distinction holder in her M.Sc. and M.Phil. Currently she is a PhD Scholar at University of Central Punjab.



Ms. Yakhshi Saleem

Lecturer

Ms. Yakhshi Saleem has been serving at UCP as a lecturer in FMCS for more than a year. With major interests in TV and Video production, she completed her M.Phil. in Media Studies (Professional track) from Kinnaird College Lahore in 2014. She has also remained associated with Dunya TV for a professional training program and Radio Kinnaird as a Presenter. Besides teaching, she is heading UCP Media Club as the Patron and also managing the production and training activities at UCP ki Dunya 92.6 FM.



Ms. Rabail Niaz

Lecturer

Ms. Rabail Niaz joined Faculty of Media and Communication Studies as Lecturer in April 2016. She is M.Phil. in Mass Communication from Beaconhouse National University and BS (Hons.) Mass Communication from Lahore College for Women University with a roll of honor. Prior to UCP, she had been teaching at FAST National University for the past five years. She has also worked as a Creative Executive at Ogilvy & Mather and Synergy Advertising. Moreover she has worked as a Research Assistant at SBnB Marketing Research. She is particularly keen in studying the impacts of Advertising, social media and films on society and considers seeking knowledge as a lifelong process.



Ms. Sundas Gul

Lecturer

Ms. Sundas Gul is currently working as lecturer and HOD UCP TV Production House at FMCS. She has done her M.Phil. in Media Studies from Kinnaird College for Women, Lahore and holds 5 years teaching experience of lectureship at University level. She has a high amount of expertise in production and her areas of interests are Broadcast journalism, TVC Production, Graphics Designing, NLE and Public Relations & Advertising. She also specializes in Film, Theater and Documentary Production. She has also worked with one of the eminent Production Houses of Pakistan as Production Manager to work on different renowned advertising campaigns. Currently she is perusing her degree of PhD in Media and Communication Studies from University of Central Punjab and has topped in her course work with highest CGPA.



Ms. Ayesha Sadiqa

Lecturer

Ms. Ayesha Sadiqa is a PhD scholar from Punjab University, Lahore and has already completed her PhD coursework and comprehensive test. She has earned her M.Phil. in Mass Communication with the specialization in Research Track from PU. She got 1st division throughout her academic career including B.Ed, M.Ed and TEFL (teaching of English as Foreign Language). She served as visiting faculty at PU and Education University. She also served as lecturer at GSC before joining UCP. She has supervised students in their research work as she has expertise in the areas of research, communication theory, development communication and Women Studies in Media. She has also conducted workshops as moderator at SMCS, UCP.



Mr. Muhammad Iqbal Akram

Lecturer

Mr. Muhammad Iqbal Akram is specialized in Film & TV Production from pioneer batch of Institute of Communication Studies, University of the Punjab in 2008. He did M.Phil. in Multimedia Arts. He has worked with Sarmad Sultan Khoosat in his Production House Zeejan Film Production House, Media Bridge Production House. Worked as a freelancer for ICNA RELIEF CANADA for making documentaries and advertisement and actively participated in International Film Festivals. Winner of the Short Film Competition in LUMS Film Festival, Vasakh Film Festival in Forman Christian University and Lahore School of Economics Film Festival.



Mr. Ch. Rehman Nasir

Senior Lecturer

He has recently joined the University of Central Punjab as Senior Lecturer. He has done his MS and M.Sc. in Media and Communication Studies from International Islamic University, Islamabad. Before joining the Faculty of Media and Communication Studies UCP he has been working as Media and Public Relations Officer of Sitara Chemical Industries Faisalabad.



Mr. Mohammad Irfan Ali

Lecturer

Mohammad Irfan Ali has joined UCP School of Media and Communication studies as Lecturer. He is doing PhD in International Relations from the University of Punjab, Lahore and has 5 years teaching experience in different universities and colleges in Lahore. His major areas of interest are International Relations, Current Affairs, Pakistan Studies, Political Science and Journalism. He earned his Master's Degree in Mass Communication and Political Science and M.Phil. Degree, from the Institute of Social and Cultural Studies, University of Punjab. He has also three years professional experience in the field of media as a news coordinator and columns writer in Royal News Network.



Mr. Muhammad Faizan Akhtar
Lecturer

Mr. Muhammad Faizan Akhtar is a graduate in mass communication from Forman Christian College in 2014. He has completed his M.Phil. in Media and Communication studies in research track from University of Central Punjab. He has worked as co-editor of university magazine and also proved his abilities in Urdu debating. He is mainly interested in literature, society and culture.



Mr. Ahsan Tariq Farooqi
Lecturer

Mr. Ahsan Tariq Farooqi has completed his M.Phil. in Media & Communication from University of Central Punjab, Lahore and MA journalism from Punjab University Lahore. He is currently lecturer at FMCS, UCP and previously served as monitoring and evaluation officer in Venue Management Services (VMS) British Council Pakistan. He has also conducted different workshops regarding teacher training and exam process through British Council platform.



Ms. Momina Abrar
Lecturer

Ms. Momina has recently joined the University of Central Punjab as a lecturer. With major interests in TV and video Production and 2D animation, she has a post graduate degree in Multimedia Arts from National College of Arts, Lahore (NCA). She has experience of working with Creative Junction, an advertising agency as a creative manager and led many creative campaigns both in print and electronic media. She has also been working with Hashoo Foundation, a local NGO, and was responsible for all their communications (Visual representation of the foundation and internal/external communication).



Ms. Tabina Sirhindi
Lecturer

Ms. Tabina Sirhindi passed her M.Phil. in Communication Studies with a distinction and was also awarded a Gold Medal for outstanding academic performance during her undergraduate study at Institute of Communication Studies, University of the Punjab. She has more than two years of teaching experience at both public and private universities and has taught courses on Communication Theories, Mass Media Research, Development Communication and Gender and Media to BS and MS Communication Studies programmes. Ms. Sirhindi has worked as a freelance journalist and has published articles and conducted interviews for The News, The Nation, Sunday Plus and World Times.



Mr. Saleem Akhtar Maghrana
Lecturer

Mr. Saleem Akhtar Maghrana is currently serving as lecturer at Faculty of Media and Communication Studies. He holds his M.Phil. degree in Media and Communication Studies from University of the Punjab, Lahore. He has done MBA from The CTL Euro College, Cyprus and M.Sc. Communication Studies from PU, Lahore. Along with teaching experience, he has also served in various media organizations including PTV, ARY News, JAAG TV and Midas (pvt) Ltd. on different positions. His area of specialization is Electronic Media. Besides, Mr. Saleem has also served as HOD UCP TV & Production House.



Mr. Ali Ashraf
Lecturer

Mr. Ali Ashraf has vast experience of teaching, research, public relations, advertising and development sector. He has served one of the top notch engineering University UET as Public Relations Officer. New media technology has been his prime interest for research as well as professional practices. He has been producing and hosting various video programs for different web TVs. Among his various projects he has produced documentary for UNSW Australia.



Ms. Sadaf Zahra
Lecturer

Ms. Sadaf Zahra is currently doing her PhD in Communication Studies from University of the Punjab, Lahore. She has done her M.Phil. from Bahauddin Zakariya University, Multan owning a privileged position of Gold Medalist. She has previously served FMCS as Research Associate for 2-year and also served Department of Communication Studies, BZU for times as visiting lecturer. Political communication, feminism and media ethics are her areas of interest. Her couple of research articles has been published in leading research journals of Pakistan yet many are on the way.



Mr. Farahat Ali
Lecturer

Currently, he is doing his PhD from Institute of Communication studies, University of the Punjab. He has done his M.Phil. in research track from Institute of communication studies, University of the Punjab and BS Mass Communication from University of Sargodha. Prior to joining University of Central Punjab, he has spent two years as Lecturer Cum Research Associate in University of Management and Technology (UMT) and also served as Research Assistant in Journal of Media Studies. He has a good command on multiple software which includes CITAVI, SPSS, JAMOVI, AMOS and PLS and has conducted workshops regarding these in UMT, Beaconhouse National University and Punjab University. He has presented papers at various national conferences. Recently, one of his research paper has been published in a HEC recognized Journal. His area of interest includes celebrity endorsement, advertising, political communication, Health Communication and Media Psychology.

Faculty of Law



Prof. Hadia Awan
Dean

Welcome to the University of Central Punjab, Faculty of Law (FOL).

You have prudently opted for a prestigious Institution, renowned for exceptional achievements over years. Number of our students have since obtained 'positions and distinctions', and are now eminent professionals in different aspects of life.

We impart education with a missionary zeal, and our ambition is to produce true human beings, motivated by the qualities of the head and the heart.

Dignified in our legacy of 3 decades, Faculty of Law marks the beginning of a new era in legal academia. The legacy of experience, achievements, aspiration and devotion serves as our largest asset. While narrating our legacy we need to emphasize the distinctive feature of our teaching methodology. Our lesson plan comprises of not only the three tiers of regular law teaching but co-curricular activities are also part and parcel covered under the head of ancillary teaching. We believe that a student should not be confined to his course books only. For personality grooming, there must be exposure to real professionalism, development of acute observation and awareness of the social norms. Our objective is to inculcate all these qualities in our students.

Here, everyone is apt and equipped to groom your talent, to help you accomplish your goal, and to mature you into a responsible and adept citizen. Competent Professionals impart education in an excellent ambience. The Faculty of Law also offers several scholarships and other incentives to talented and deserving students. Students have the optimum benefit from the opportunities, openings and assistance readily available at the Campus.

We pledge maximum support, and in return, wish that the students reciprocate with conviction and responsibility, so that we could be proud of them tomorrow as we are today on our luminous alumni.

Lawyer's Oath of Allegiance

I do solemnly swear that I will bear True faith and allegiance to Pakistan;

I will not counsel or maintain any suit or proceeding which shall appear to me to be unjust, nor any defense except such as I believe to be honestly debatable under the law of the land;

I will employ for the purpose of maintaining the causes confided to me such means only as are consistent with truth and honor, and will never seek to mislead the judge or jury by any artifice or false statement of fact or law;

I will maintain the confidence and preserve inviolate the secrets of my client, and will accept no compensation in connection with my client's business except with my client's knowledge and approval;

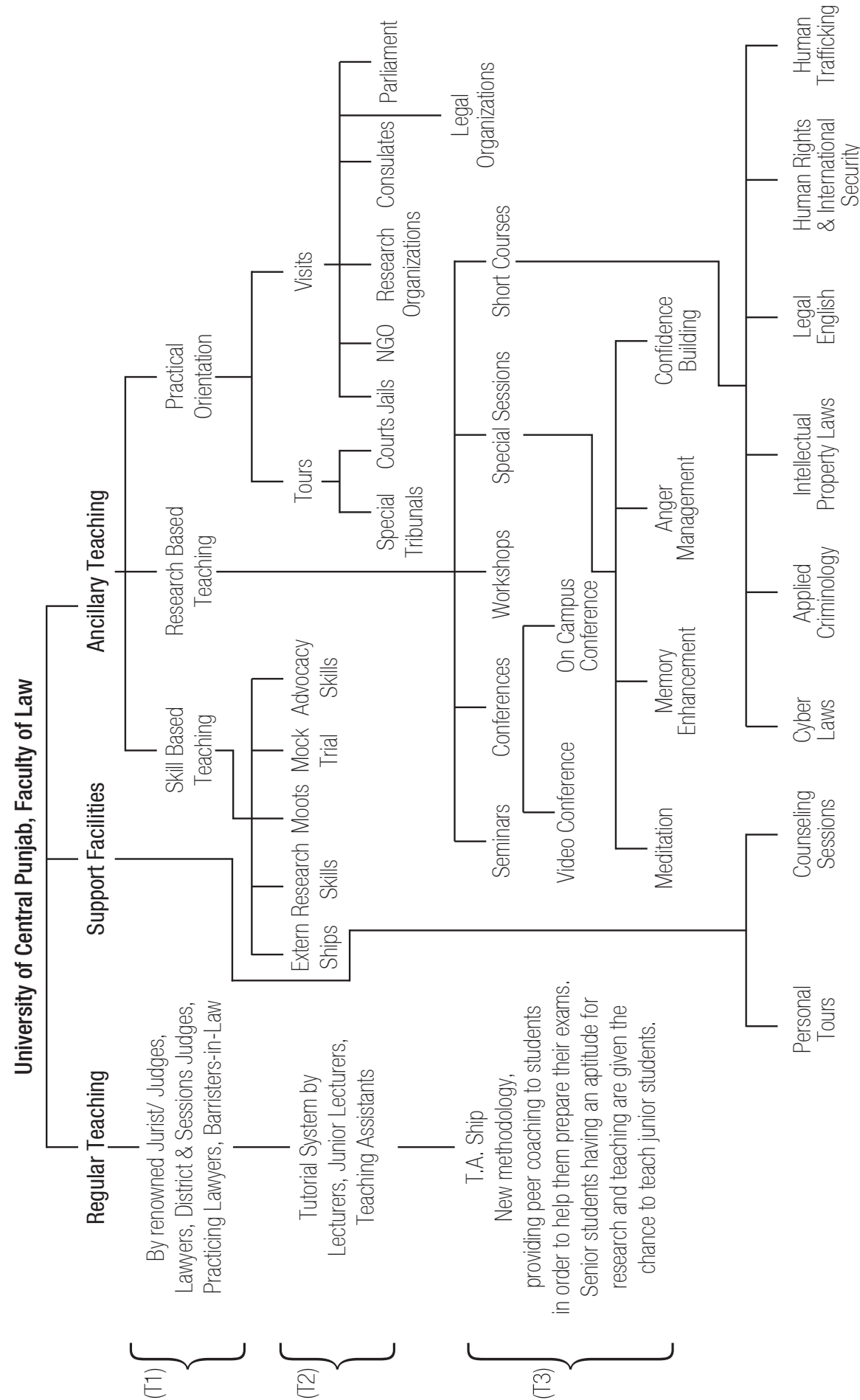
I will abstain from all offensive personality and advance no fact prejudicial to the honor or reputation of a party or witness, unless required by the justice of the cause with which I am charged;

I will never reject, from any consideration personal to myself, the cause of the defenseless or oppressed, or delay any cause for lucre or malice;

I will in all other respects conduct myself personally and professionally in conformity with the high standards of conduct imposed upon members of the bar as conditions for the privilege to practice law in this State.

Teaching Methodology

A three-tier teaching and research model has been developed by the University of Central Punjab, Faculty of Law.



Eligibility Criteria

- FA, F.Sc. I.Com., ICS, A-Levels or equivalent
- Minimum 45% marks or equivalent
- Test & Interview
- Any other conditions as prescribed by HEC & PBC Rules.

Sample Course Plan for LLB (5-Year) Program

Code	Course	Cr. Hrs.
Semester-I		
LLB 111	English-I (Core)	3
LLB 112	Pakistan Studies (Core)	2
LLB 113	Introduction of Sociology (General)	3
LLB 114	Fundamentals of Economics (General)	3
LLB 115	Introduction to Law (Core)	3
LLB 116	Skills Development (Core)	3
		17
Semester-II		
LLB 121	English –II (Core)	3
LLB 122	Islamic Studies/Ethics (Core)	2
LLB 123	Principles of Political Science (General)	3
LLB 124	Legal System of Pakistan (General)	3
LLB 125	History (South Asia) (General)	3
LLB 126	Law of Torts-I (Major)	3
		17
Semester-III		
LLB 211	English-III (Core)	3
LLB 212	Introduction to Logic and Reasoning (General)	3
LLB 213	Islamic Jurisprudence - I (Major)	3
LLB 214	Law of Torts-II (Major)	3
LLB 215	Law of Contract – I (Major)	3
LLB 216	Constitutional Law-I (Uk) (Major)	3
		18
Semester-IV		
LLB 221	Human Rights Law (General)	3
LLB 222	Constitutional Law-II (Us) (Major)	3
LLB 223	Law of Contract-II (Major)	3
LLB 224	Islamic Jurisprudence – II (Major)	3
LLB 225	Introduction to Psychology (General)	3
		15

Code	Course	Cr. Hrs.
Semester-V		
LLB 311	Jurisprudence – I (Major)	3
LLB 312	Constitutional Law-III (Pakistan) (Major)	3
LLB 313	Islamic Personal Law – I (Major)	3
LLB 314	Criminal Law-I (Major)	3
LLB 315	Law of Property (Major)	3
		15
Semester-VI		
LLB 321	Jurisprudence – II (Major)	3
LLB 322	Law of Business Organizations (Major)	3
LLB 323	Islamic Personal Law – II (Major)	3
LLB 324	Criminal Law – II (Major)	3
LLB 325	Land Laws (Major)	3
		15
Semester-VII		
LLB 411	Public International Law – I (Major)	3
LLB 412	Constitutional Development in Pakistan (Major)	3
LLB 413	Civil Procedure-I (Major)	3
LLB 414	Criminal Procedure – I (Major)	3
LLB 415	Law of Evidence – I (Major)	3
LLB 416	Legal Drafting – I (Major)	3
		18
Semester-VIII		
LLB 421	Public International Law – II (Major)	3
LLB 422	Equity and Specific Relief (Major)	3
LLB 423	Civil Procedure – II (Major)	3
LLB 424	Criminal Procedure – II (Major)	3
LLB 425	Law of Evidence - II (Major)	3
LLB 426	Legal Drafting – II (Major)	3
		18



Code	Course	Cr. Hrs.
Internship	After Completion of 8th Semester and before 10th Semester (During Summer Vacations) (Core)	3
Semester-IX		
LLB 511	Research Methods (Core)	3
LLB 512	Minor Acts (Major)	3
LLB XXX	Elective – I * (Major)	3
LLB XXX	Elective – II * (Major)	3
LLB 515	Moot Cases and Professional Ethics (Core)	3
		15

Optional Courses

- | | | |
|---------------------------------|------------------------------------|---------------------------------|
| 1. Alternate Dispute Resolution | 11. Intellectual Property Laws | 21. Local and Special Laws |
| 2. Banking Laws | 12. International Economic Law | 22. Media Laws |
| 3. Conflict of Laws | 13. International Humanitarian Law | 23. Medical and Forensic Law |
| 4. Consumer Protection Laws | 14. International Institutions | 24. Mergers and Acquisitions |
| 5. Custom and Tariff Laws | 15. International Trade Law | 25. Islamic Legal Maxims |
| 6. E-Commerce Law | 16. Islamic Commercial Laws | 26. Public Interest Litigation |
| 7. Election Laws | 17. Labor Laws | 27. Securities Regulation |
| 8. Environmental Laws | 18. Law and Development | 28. Shipping and Admiralty Laws |
| 9. Gender and Law | 19. Law and Energy | 29. Taxation Laws |
| 10. Insurance laws | 20. Law and Society in Pakistan | 30. Telecommunication Laws |

Code	Course	Cr. Hrs.
Semester-X		
LLB 521	Administrative Law (Major)	3
LLB 522	Interpretation of Statutes and Legislative Drafting (Major)	3
LLB 523	Research Project (Major)	3
LLB XXX	Elective - III * (Major)	3
LLB XXX	Elective– IV * (Major)	3
		15
Total Credit Hours		166

Certificate Courses

The Faculty of Law introduces Certificate Course(s) on diverse subjects. It comprises of two classes: Certificate Course for Professionals & for Non-Professionals. The purpose of the first one is to reinforce the professional competence & to align it with emerging areas of law and the purpose of the second class of the courses is to disseminate law awareness to non-professionals, at community level, who wish to enhance their quality of legal awareness.

The FoL offers the following certificate courses:

- Intellectual Property Laws
- Banking Laws
- Environmental Laws
- Cyber Laws
- Humanitarian Law & International Security
- Applied Criminology
- Human Rights
- Human Trafficking

Law Clinic

UCP law clinic provides students with hands on legal experience under the supervision of Academia, ex-judges & lawyers who are not only great legal practitioners but also trained in educating and mentoring students. Students actively participate in clinics. Through their participation – students gain knowledge of a wide range of skills including:

- Conducting legal writing and research

- Representing clients in court
- Investigating & analyzing facts
- Drafting
- Framing of issues
- Recording of evidence
- Examination in Chief
- Cross Examination
- Argumentation
- Conducting the Court as Judge

UCP Law Clinic consists of three wings:

1. Research & Writing Skills
2. Advocacy Skills
3. Legal Aid & Community Awareness

Moot Courts

The importance of clinical legal education goes without saying. For the purpose, our incorporation of cross curriculum Advocacy skills and values in regular teaching marks its distinction. The clinical legal education extends students' learning beyond class room. Students, while learning to do like a lawyer, practice interpersonal, analytical and advocacy skills with credibility, value and work habits to form a professional identity. We have two fully equipped court rooms in which students learn through simulated court proceedings. The Khadim Hussain Moot Court room provides a practicing facility to students to develop their advocacy skills throughout the session. The UCP Moot Court Room is the state-of-the-art amenity dedicated for moot

trainings.

Early Bird moot court Training

First moot court training was arranged for students during their summer break. The Training consisted of two phases. First phase was 'teaching' and the second was 'application'. During training, students were divided into smaller groups under the supervision of a teacher. Firstly, they were trained in how to consult books, legislative materials and case laws and to prepare memorials. Then, skill to prepare and present arguments before the court was taught. During second phase of training, the supervising teachers floated new propositions before the students to engage and to work on them. The students prepared their cases and presented them before the simulated court.

Community Awareness at FM Radio

Campus radio station is a significant academic tool available at UCP. Putting the UCP FM station to its best use, UCP, FoL has started a community awareness program intended to enhance the legal awareness among general public. The UCP FoL's awareness program comprises of interviews, class room setups and skits to disseminate awareness regarding law & legal issues.

Teaching Faculty



Ms. Hadia Awan

Dean

PhD (Scholar NDU, Islamabad),

LL.M (London),

MA. (PU), LL.B (PU)

Ms. Hadia Awan is a law graduate and an ex. Judge. She has served as Principal Punjab Law College, Lahore since August 2006. Now she is Dean UCP FOL Lahore. She is LL.M Postgraduate from London University. Currently she is doing PhD in "Peace & Conflict Studies" from National Defense University, Islamabad. During her professional career, she has taken many initiatives which contributed towards the acknowledgement of Punjab Law College as one of the most prestigious institutions in the field of legal education. She is a visiting lecturer at Federal Judicial Academy, Islamabad, Punjab Judicial Academy, Lahore and MPDD, Lahore. She was selected by the British Council for the "Law Teaching & Legal Research Methodology" program held at Wales, Cardiff, UK in September 2004. She was again selected by US Consulate for the "US State Leadership Program" in January, 2006. She is an accredited mediator, teacher and the advocacy skills trainer by UK & US.



Justice (R) Dr. Munir Ahmad Mughal

Dr. Mughal is a famous jurist and religious scholar. He holds a dual PhD in Tafsir al-Maqamul-Mahmud and in Arabic. He has been a visiting faculty member in various prestigious institutions. He served as expert in Law and Justice Commission of Pakistan. He has also given remarkable services as member of the council of Islamic Ideology, Islamabad. He has contributed towards the field of education in the capacity of member of Board of Studies and Advisory Council of various institutions. He has an immense interest in the field of research and writing manifested in hundreds of publications to his credit.



Mr. Syed Afzal Haider

Mr. Syed Afzal Haider, senior advocate of Supreme Court of Pakistan, is a well-known legal expert. He has been caretaker law, justice and parliamentary affairs Minister of Pakistan and Minister of Law and Parliamentary Affairs of Govt. of Punjab. He also served as a Judge of the Federal Shariat Court. He held the posts of President, Lahore High Court Bar Association, Chairman Executive Committee and Vice Chairman, Pakistan Bar Council. He possesses vast experience in teaching at various prestigious institutions. He has 25 books to his credit. In recognition of his services in the field of research Govt. of Punjab awarded him with "Pride of Punjab Award", 2017.



Justice (R) Nasira Iqbal

Justice (R) Nasira Iqbal is an international law expert and a former justice of Lahore High Court from 1994 to 2002. She has Master's degrees of Law from Harvard Law School and University of the Punjab. As a legal scholar, she has lectured around the world and represented Pakistan at various international forums. She is also the president of an activist group, the Concerned Citizens of Pakistan Society (CCP). She received the Fatima Jinnah Medal for Women's Rights in 2006 and various other awards as well. She has been a member of the Supreme Court



Justice (R) Rustam Ali Malik

Mr. Malik has been a Judge of the Honorable Lahore High Court, Chairman Punjab Service Tribunal, Judge Accountability Court and before that he served as judicial officer in different capacities since 1971.

He acted as a district and session judge, judge Banking Court and Senior Civil Judge Bahawalpur. During this period, he has been delivering lectures in Federal Judicial Academy, Islamabad. He has been engaged in the field of legal opinion and legislative drafting.

Currently, he is serving as an advocate of Supreme Court of Pakistan.



Ms. Ammara Afzal Siddiqui

Ammara Siddiqui is a law graduate. She is serving as Assistant Professor, Head of Department (Legal English), Examination Department Coordinator, Admission Coordinator, (LL. B) in University of Central Punjab, Lahore. She was appointed as Lecturer, Punjab Law College in 2007. She was awarded 'Relay Medal' for High Honors in LLM from Girne American University, Cyprus. She was selected by US Consulate for "US State Leadership Program", Project for 21st Century Legal Education. She has certificate for English Language Skills' Upper Module from British Council, she took initiative to design and teach 'Legal English' at Punjab Law College along with regular Curriculum. She teaches, Legal English, English language and Limitation Law. She has also been Resource Person for Management and Professional Development Department, Punjab (2nd High Achievers Development Program). She has been a trainer and instructor in S.I.P Institution, Dubai, Nur Koch, North Cyprus respectively



Mr. Syed Ijaz Qutab

Mr. Qutab earned his LL.M from the University of the Punjab in year 1999. He joined judicial service as civil Judge in 1977. Later, he was promoted to the post of Additional District and Sessions Judge. On completion of 25 years of judicial service, he voluntarily resigned from the office. Currently he is practicing law as an advocate of High Court. He is also teaching at Federal and Punjab Judicial academies.



Mr. Waqas Qadeer Dar

Mr. Dar is an LL.M from Stellenbosch, South Africa. He has served as prosecutor General National Accountability Bureau, Pakistan and Deputy Attorney General of Pakistan. He has been Director Law, Country Litigation Head Securities & Exchange Commission of Pakistan. He had the opportunity of rendering teaching services in the prestigious institutions of Pakistan. He has been part of visiting faculty at Civil Services Academy, Lahore, Punjab Judicial Academy, Lahore & other institutions. He has been a professional trainer in SECP and NAB's master advocacy training program at Federal Judicial Academy, Islamabad and participated in various international conferences.



Ms. Fatima Ilyas

Ms. Fatima is serving as permanent faculty member of faculty of law at University of Central Punjab. She has taught Special and local laws and Constitutional law-I (UK). She has coordinated in Criminal Law Clinic and supervised students in murder trial and art of prosecution. She conducts the Faculty of Law's Community Awareness program "Hum or Qanoon" at 92.6 FM radio of University of Central Punjab and performs various administrative tasks as well. Her current responsibilities include examination and admissions' coordination.



Ms. Freeha Khaled

Ms. Freeha is an LL.M (scholar) from Punjab University and an enthusiastic, self-motivated, reliable, responsible and hardworking teacher. She is currently working as permanent faculty member in faculty of Law of University of Central Punjab. She has taught in different law schools as Lecturer and also remained in the field of practice. Her teaching areas mainly include sociology, contract law and transfer of property Act and Human Rights. Having 6 years' experience in area of teaching stimulated her to inculcate knowledge and skills in students leading to significantly improved performance.



Ms. Saba Shahzadi

Ms. Saba is permanent faculty member at faculty of law, University of central Punjab. She is LL.M scholar from university of Punjab. After completing her LL.B, she was committed to pursue her career as a law teacher. She joined Punjab Law College in 2015 as a tutor which polished her skills and abilities. Now having 4 years teaching experience, she is good with sound communication, relationship management skills, understanding the queries of students and to engage them in academic activities. Her aim is to inculcate knowledge and skills in students and to help her institution in producing better lawyers.



Ms. Sadia Hashmi

Ms. Sadia Hashmi holds a Master's degree in Islamic Studies. She is currently working as permanent faculty member in University of Central Punjab, Faculty of Law. She has 5 years teaching experience, which stimulates her to inculcate knowledge and skills in students leading to remarkable performance. She has an active and dynamic approach to work. She always endeavors to identify and develop opportunities to enhance understanding of the students regarding Islamic principles. She always focuses on a good student teacher relationship. Her utmost effort is to create healthy environment where students feel motivated, can develop their skills, learning and to groom their personality.



Ms. Shaista Anwar

Ms. Shaista is has done LL.M with a 13 years teaching experience in Law. Her teaching areas mainly include English Jurisprudence, International Law, Logic and Critical thinking and Property laws. Her studies and devoted learning in the field of law teaching has secured her many strengths. The biggest amongst those is the pragmatic teaching techniques developed over the years through hands-on experience. Her experience furnishes her with immense guidance for her current teaching and research endeavors. Furthermore, her position as coordinator LL.B program accords her chance to develop her professional skills on administrative plan also which provides diversity to her experience.

Teaching Faculty

S#	Name	Qualification	Designation
1	Muhammad Saleem Shehnazi	Advocate Supreme Court	Visiting Lecturer
2	Pirzada Zaron Rashid	Advocate High Court	Visiting Lecturer
3	Muhammad Aurangzeb Khan Daha	LL.M, Advocate Supreme Court	Visiting Lecturer
4	Ch. Khurram Aziz	LL.M, Dy. Commissioner Inland Revenue, FBR, Lahore	Visiting Lecturer
5	Muhammad Saad Khan	LL.M (England), Advocate High Court	Visiting Lecturer
6	Rizwan Hussain	LL.M (England), Advocate High Court	Visiting Lecturer
7	Zeeshan Ahmad Malik	Advocate High Court	Visiting Lecturer
8	Rizwan Ahmad	Advocate High Court	Visiting Lecturer
9	Saad Nasrullah	LL.M (Italy), Advocate High Court	Visiting Lecturer
10	Ammara Afzal Siddiqui	LL.M (Cyprus)	Assistant Prof.
11	Shaista Anwar	LL.M	Assistant Prof.
12	Sobia Arshad	LL.M, Advocate High Court	Visiting Lecturer
13	Nayyer Shafique	Legal Advisor, PGC	Visiting Lecturer
14	Muhammad Imran Ramzan	Advocate High Court	Visiting Lecturer
15	Syeda Fatima Batool	Advocate High Court	Visiting Lecturer
16	Nabeel Ahmad	LL.M, Advocate High Court	Visiting Lecturer
17	Muhammad Akif	Advocate High Court	Visiting Lecturer
18	Sadia Hashmi	M.A. (Islamic Studies)	Lecturer
19	Freeha Khaled	LL.M. (Scholar)	Lecturer
20	Saba Awan	M.A, LL.B, LL.M (Cont.)	Junior Lecturer
21	Fatima Ilyas	M.A, LL.B	Junior Lecturer
22	Syed Ali Akbar	Advocate High Court	Visiting Lecturer
23	Asim Riaz	Advocate High Court	Visiting Lecturer
24	Muhammad Abdullah Malik	Advocate High Court	Visiting Lecturer

Faculty of Life Sciences



Prof. Dr. Mushtaq A. Saleem
Dean

Welcome to the Faculty of Life Sciences (FoLS). The UCP initiated Departments of Biotechnology, Microbiology, Biochemistry and Food Science & Technology keeping in view the demand by the student community, Government Sector, Private Sector and related Industries. We have about 80% experienced PhD Faculty possessing a vision to be recognized as an Academic Faculty of International Reputation and to offer cutting edge, interdisciplinary courses in the above mentioned subjects. The FoLS aims at undertaking research at Molecular and Cellular level in healthy and diseased organisms with an emphasis on discovery of Interventional Molecules and Identification of Targets with respect to Bacterial and Viral Infections, Cancer and Neurodegenerative Diseases. Major focus of our research groups is development of skills in Bacterial Genomics, Enzymology, Protein Structure & Function, Food Biotechnology, Microbiology and Computational Biology. The UCP has established eight well equipped labs for Biotechnology, Microbiology, Biochemistry and Food Science & Technology as well as temperature- and R.H-controlled Animal House for experimentation. The FoLS has developed linkages with Foreign Universities (Univ. of Edinburgh UK; Umm-ul-Qura Univ. Makkah KSA; Res. Institute for Food Sci. & Tech. Mashhad, Iran and Lincoln Hospital NHS Trust, UK etc.) besides well-known Universities in Pakistan to undertake collaborative research on contemporary biological issues. The students joining FoLS will have ample opportunities to interact with Eminent Scientists of the Country and Visiting Scientists from abroad.

Career Prospects

- Public and Private Sector Universities and Colleges of this country & abroad
- Research Organizations such as NIBGE, NIAB, CEMB, CAMB, PCSIR, SBS, VRI etc.
- Health Organizations viz. Hospitals, NIH, MRC, Public and Private Clinical Labs.
- Agricultural Institutions such as PARC, NARC, AARI, PGMI, MMRI, CCRI, Pesticides, Fertilizers, Seed Organizations etc.
- Industries such as Pharmaceutical, Pesticides and Food Industry etc.
- Biochemical/ Microbial/ Diagnostic Labs.
- Foreign Universities, Research Organizations, Law Enforcement Agencies and Industries

Teaching Faculty



Prof. Dr. Mushtaq A. Saleem
Dean

Dr. Mushtaq earned M.Sc. from UK, PhD from PU & UK and Postdoctoral Research 3 times at the University of Newcastle and Newcastle Gen. Hospital UK. During PhD research he discovered novel field of research regarding various enzymes and macromolecules and during Postdoc Research in the UK he discovered "Proteases and their role in resistance to insecticides". He won Research Productivity Cash Prize from PCST and Special Science & Technology Cash Prize from HEC. He has published 149 research papers, published 4 books; presented 186 conference papers; supervised / co-supervised 21 PhDs, 68 MS / M.Phil. / M.Sc. (Hons) and 21 M.Sc. / BS and published 172 popular articles. He obtained Presidential Award: Izaaz-i-Fazeelat; HEC Best University Teacher Award; Zoologist of the year Award and Prof. Muzaffar Life Time Achievement Award.



Dr. A. R. Shakoori
Professor

Dr. Shakoori, Distinguished National Professor is recipient of an International ECO Award in Science and Technology. He obtained Aizaaz-i-Kamal from President of Pakistan, Civil Award Tamgha-i-Imtiaz by GOP, Distinguished Scientist of the Year Award by PAS, Zoologist Award and Scientist of the Year Award Ministry of Education, GOP. Prof. Shakoori is Fellow of PAS and World Academy of Sciences. He has been Senior Fulbright Fellow, Senior DAAD Fellow and Research Fellow of the Royal Society, UK. Prof. Shakoori has been Visiting Professor at University of Massachusetts USA, University of Marburg Germany, Kings College London and University of Essex UK. He has published more than 630 research articles, produced 73 PhDs and written 23 books.



Dr. Muhammad Afzal
Assistant Professor

Dr. Muhammad Afzal is Head of Department of Biochemistry at Faculty of Life Sciences, UCP Lahore. He completed his PhD from University of Agricultural, Faisalabad (UAF) in the area of medicinal plants in 2013. He published many research papers under the domain of medicinal plants. He has very good expertise to handle many sophisticated analytical instruments. His Professional research skills include medicinal plant profiling, antimicrobial activity, antifungal protein, peptide, enzymatic and antioxidant purification along with well-developed problem



Prof. Dr. Munir Ahmad Sheikh
Professor

Prof. Dr. Munir Ahmad Sheikh is retired from University of Agriculture, Faisalabad after serving 35 years. He has supervised 18 PhDs, 58 M.Phil. and 116 M.Sc. students during his stay at UAF. He is HEC approved Supervisor in the field of Biochemistry. His major field of research is Glycation and related complications in human health. He has command over different aspects of Biochemistry in terms of teaching and research.



Dr. Amina Arif
Assistant Professor

She has done PhD Biochemistry from SBS, PU. She did research under supervision of Prof. Dr. M. Akhtar (Emeritus Professor of Biochemistry at the University of Southampton & DNP/ DG, SBS, UP). Her PhD research project was on "Preparation of recombinant human interferon alpha-2b and removal of its N-terminal methionine using methionine amino peptidases". She has expertise in recombinant proteins and enzymes preparation and characterization. She has rich experience on co-transformation, co-expression and site directed mutagenesis.



Dr. Tanzeela Riaz
Assistant Professor

Dr. Tanzeela Riaz received PhD degree from University of the Punjab, Lahore with specialization in Biochemical Toxicology. She has published 18 research articles in HEC recognized/impact factor international & national journals and 17 abstracts in international proceedings. She has supervised 8 MS and 6 M.Sc. theses. She is currently supervising one PhD and 2 BS theses. HEC awarded her "Indigenous 5000 PhD Fellowship" and appointed Assistant Professor at UCP. She is in charge of the Animal House and Member of the Ethics Committee at UCP, Lahore.



Ms. Salma Batool
Lecturer

She has done her M.Phil. (Biochemistry) and currently perusing her PhD (Biochemistry) from Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi in collaboration with Lahore University of Management Sciences (LUMS). A Part of her PhD work was conducted in Department of pharmaceuticals School of Life Sciences University of Utrecht Netherlands in Bio inspired and Biomimetic drug delivery of plant extracts.



Dr. Javed Iqbal
Assistant Professor, Head of Department of Biotechnology

Dr. Javed Iqbal completed his PhD Biotechnology from National Institute for Biotechnology and Genetic Engineering (NIBGE) and conducted part of PhD research at CGIAR, USDA and IRRI, Philippines. His research focusses on Quantitative Genetics, Genome Mapping, Association Mapping, DNA Typing and development of DNA based markers associated with different

phenotypes of interest. He has supervised 16 MS and 9 M.Sc. research theses and published 21 international publications and 22 international abstracts/proceedings.

Dr. Zia ur Rahman
Assistant Professor

He obtained M.Sc. Biotechnology from University of Agriculture Faisalabad and PhD in Molecular Biology from CEMB, Punjab University Lahore. He joined CEMB in 1986 and Forensic group in 1995. His work on DNA test report was generated in 2001 which was accepted by Lahore High Court to decide the case first time in the history of Pakistan. He supervised 26 M. Phil. /MS and 6 PhD students, published 33 research articles and obtained research grants from MOST.

Dr. Muhammad Naveed
Assistant Professor

Dr. Muhammad Naveed obtained PhD degree in Biotechnology (Genomics & Bioinformatics) from Quaid-e-Azam University (QAU), Islamabad with distinction. HEC awarded him best PhD Scholar (IRSIP) of the year 2013 and QAU honored him as "Distinguished Alumni" on its Golden Jubilee celebrations 2017. He is doing research work in field of Bioinformatics, Genomics and Molecular Biology. He has supervised 15 M.Sc., 22 M.Phil. & 01 PhDs. He has published 48 research articles, 01 book and presented numerous papers in conferences.

Dr. Asma Zafar
Assistant Professor

Dr. Asma Zafar has completed her PhD in Biotechnology from Govt. College University, Lahore (GCU) and conducted part of her research work at Department of Bioengineering, Imperial College London. Her expertise are in the field of Molecular Biology, Biotechnology and Microbiology. She has published her research work in high impact factor journals and participated in various International and National Conferences as presenter.



Ms. Hira Mubeen
Assistant Professor

Ms. Hira Mubeen completed her M.Phil. Biotechnology from NIBGE, Faisalabad, Pakistan. She has published more than 39 Research Publications in well reputed high Impact Factor International and HEC recognized Journals. Her research interest includes: Bioinformatics, Molecular Biology and Computational Biology.



Ms. Sadia Zia
Lecturer

She has completed her BS (Hons.) in Biological Sciences from FCCU with majors in Molecular biology and Biotechnology. Her M.Phil. degree is in Molecular Biology and Biotechnology from UVAS. Her research interests are genetic diseases and population genetics.



Ms. Ammara Masood
Lecturer

Ms. Ammara Masood completed her M.Phil. Biotechnology from NIBGE, Faisalabad. Her research focuses on hybrid gene promoter cloning using bioinformatics as well as computational molecular biology tools. Her research expertise is isolation and cloning of promoters, vector construction, molecular plant breeding and comparative genomics analysis, gene gun methods, expression studies etc.





Ms. Izzah Shahid
Lecturer

Ms. Izzah Shahid obtained M.Phil. in Biotechnology from NIBGE, Faisalabad. Her research premises Bacterial Genomics, Mass-Spectrometry-based Metabolomics, and Antimicrobial Secondary Metabolites. Her current assignments focus on the development of bio-fertilizers, bio-fungicides, and improvements of bio-inoculants for sustainable agriculture. She has published six full-length research papers in Impact Factor journals and presented 15 papers in various national and international conferences.



Dr. Basit Zeshan
Associate Professor / Head of Department of Microbiology

Dr. Basit Zeshan earned his PhD in Microbiology & Immunology from NJAU, China and M.Phil. in Microbiology from QAU, Islamabad. He got Best International Graduate Award from China in 2010. He is recipient of the Young Scientist Award CAS Beijing, China. He has published more than 25 research papers in esteemed International Journals. His area of research is understanding the molecular basis of resistance in major multidrug resistant microbes.



Dr. M. Azmat Ullah Khan
Assistant Professor

Dr. Muhammad Azmat Ullah Khan completed his PhD in Molecular Biology (Microbiology) from CEMB, University of the Punjab. He has done part of his research from University of Arizona, United States. Moreover, he has Gold Medal in B.Sc. (Hons.) in Agriculture (Plant Pathology) from University of the Punjab. He has published more than 25 research articles in peer reviewed journals along with 5 books, 2 book chapter and various abstracts.



Dr. Sajid Mansoor
Assistant Professor

He has PhD in Virology & Immunology from the ASAB, National University of Sciences & Technology (NUST), Islamabad. His PhD research focused on extensive HCV phylogenomics and HCV pathogenesis mediated modulation of host immune system. Main aim of his research is to investigate molecular aspects of HCV and HIV related disease pathology and associated immune system perturbation.



Dr. Arslan Sarwar
Lecturer

Dr. Arslan Sarwar earned his PhD in Microbiology and Molecular Genetics from University of the Punjab. He is an Erasmus Mundus Fellow (USC, Spain), RSM World Bank Fellow (UOM, USA) and Health Security Partners Future Fellow (Washington DC, USA). His research interests are focused on Bacteriology, Medical Microbiology and Immunology.



Dr. Aatif Amin
Lecturer

Dr. Aatif Amin obtained PhD Microbiology and Molecular Genetics from University of the Punjab, Lahore, Pakistan. His area of expertise is Environmental Microbiology/Biotechnology, with a research focus on investigating the mechanism of heavy metal resistance in microorganisms at genomic, transcriptomic and proteomics level. He has most recently been investigating the role of mercury-resistant (HgR) bacterial strains in the bioremediation of polluted wastewater alone and in association with plants.



Dr. Sadaf Riaz
Assistant Professor

Dr. Sadaf Riaz obtained PhD in Microbiology from Ocean University of China and M.Phil. in Microbiology from UVAS, Lahore. Her PhD thesis examined "Role of histone proteins in the dinoflagellate *Alexandrium pacificum* during growth regulation". Her area of interest is mRNA expression profiling, gene structure analysis, proteomics and molecular biology of microalgae.



Dr. Raza Hussain
Assistant Professor
Head of Department of Food Sciences and Technology

With PhD in Food Science (France) and 3 Postdoctoral Fellowships (Canada), Dr. Raza's primary research interests focus on better understanding the molecular interactions in food and food/Dairy products to apprehend the functionality (gelling, foaming and emulsifying properties) and physiochemical, structural and morphological properties of proteins and polysaccharides. Currently, he leads food science dept. at UCP. He has published 22 international research papers and earns more than 60 Impact factor.



Dr. Shahid Raza
Professor

Dr. Raza earned his B.Sc. (Hons) Animal Sciences, M.Sc. in Nutrition from University of Agriculture, Faisalabad and PhD Food Biotechnology from Quaid e Azam University, Islamabad. He has expertise in Food Science, Nutrition and Biological Sciences. Dr. Raza has participated and presented papers in more than 100 National and International Conferences all over the world and visited more than 83 countries. He has written a book "Basics of Biotechnology" and published more than 150 research articles and supervised projects in the area of Food Biotechnology.



- **BS Biotechnology**
- **BS Microbiology**
- **BS Biochemistry**
- **BS Food Science & Technology**

Eligibility Criteria

To apply for BS in any of the above mentioned programs, a candidate must have at least 45% marks or 2nd division in F.Sc. Pre-Medical /A level or an equivalent.

Degree Requirements

- BS degree will be awarded per

HEC Criteria after the successful completion of 132-134 credit hours depending on the discipline. Students will be required to have CGPA of 2.50 at the time of graduation.

- BS programs are equivalent to 16 years M.Sc. Programs of the same field.

- The degree program fulfils all the curriculum requirements per HEC criteria, comprising of Compulsory, General, Foundation, Major and Elective Courses.

- The basic training on Research Work & Thesis / Review Report is also imparted during 7th and 8th semester.

M.Sc. Biotechnology

Eligibility Criteria

To apply for M.Sc. Biotechnology, a candidate must have at least 45% marks or 2nd division in B.Sc. from HEC recognized institute and have studied at least two of the following subjects in B.Sc.: Chemistry, Biology, Physics, Zoology, Botany, Anatomy etc. or

equivalent.

Degree Requirements

- M.Sc. degree will be awarded per HEC Criteria after the successful completion of 66 credit hours (including Course Work and Research). Further, students will be required to have at least 2.50 CGPA

at the time of degree completion.

- The degree program fulfils all the curriculum requirements for M.Sc. Program as per HEC criteria.
- Research Work & Thesis/ Review Report will be undertaken during 3rd and 4th semester comprising of 12 credit hours.



- **MS Biotechnology**
- **MS Microbiology**
- **MS Biochemistry**

Eligibility Criteria

- To apply for MS in any of the above mentioned programs, a candidate must have at least 2nd division or minimum of 2.50 CGPA in BS/M. Sc. (Biochemistry, Microbiology, Biotechnology, Molecular Biology, etc.) from any HEC recognized institute.
- Candidate will be required to clear GAT-General from NTS with a minimum of 50% cumulative score. Alternatively, Entry Test and

Interview will be conducted by the University and admission will be granted purely on the merit basis per HEC Criteria.

Degree Requirements

- MS degree will be awarded after successful completion of about 24 credit hours for course work and 06 credit hours for research work and thesis during 3rd and 4th semester with minimum of CGPA 2.50 strictly per HEC Criteria.

- Minimum and Maximum duration of MS/M.Phil. is 1.5 to 4 years. Normally, the program spreads over 2 years and contains 4 semesters.

- The degree program fulfils all the curriculum requirements for MS, recommended by HEC.
- The research work and thesis will be undertaken during 3rd and 4th semesters comprising of 06 credit hours

- **PhD Microbiology**
- **PhD Biochemistry**

Eligibility Criteria

- To apply for PhD in any of the above mentioned programs, a candidate must have 18 years of education with at least 3.00 CGPA in MS/M. Phil. in the relevant field of the study.
- Candidate will be required to clear GAT-Subject from NTS with a minimum of 60% cumulative score. Alternatively Entry Test and

Interview will be conducted by the University and admission will be granted purely on merit basis per HEC Criteria.

Degree Requirements

- PhD degree is awarded after successful completion of about 18 credit hours for course work and 30 credit hours for research work & thesis in the remaining semesters with minimum CGPA of 3.00 per

HEC requirements.

- The degree program fulfils all the curriculum requirements for PhD strictly under HEC criteria.
- Minimum and Maximum duration of PhD is 3 to 8 years.
- After course work, advanced research work & thesis will be undertaken during the remaining semesters comprising 30 credit hours per HEC guidelines.

Biochemistry

Biochemistry is a central discipline to all Branches of Biology/ Life Sciences. It deals with the chemical nature, function, structure, energetic and pathways of synthesis and degradation of simple to complex biological and/or cellular molecules to understand the various aspects of cellular and molecular functions in development, health and disease with applications in Biotechnology, Microbiology and Medicine. Biochemistry at FoLS is one of the most vibrant and visible faculty among the Pakistani Universities because of its location, the competition for admission in the PhD, MS and BS

Programs. FoLS has ideal students to the faculty ratio, teaching experience of the faculty, publications, extra research grants/support the faculty generates from National and International Organizations and in terms of

infrastructural facilities. In addition, the faculties are able to fortify collaboration in the new and interdisciplinary research areas such as Nano-Biology, Medical Biotechnology, and Stem Cell Biology etc.

Degree Requirements

BS Biochemistry (4 Years Program)

Total number of credit hours	= 134
Duration	= 4 years (8 Semesters)
Semester Duration	= 16-18 weeks
Course load per semester	= 14-19 Credit Hours
Number of Courses per Semester	= 5-6

Sample Course Plan for BS Biochemistry

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 1			
Compulsory English-I	3(3+0)	(Compulsory) English-III (Writing & Comp)	3(3+0)
Compulsory Pakistan Studies	2(2+0)	Compulsory Math / Biology	3(3+0)
Compulsory Islamic studies /Ethics	2(2+0)	General-V Inorganic Chemistry	3(2+1)
Compulsory Introduction to Computer Science	3(2+1)	General-VI Physical Chemistry	3(2+1)
General-I Social Science I	3(3+0)	Foundation-III Amino Acid & Proteins	4(3+1)
Foundation-I Introduction to Biochemistry	4(3+1)	Foundation-IV Human Physiology	3(3+0)
Total (Credit Hours)	17	Total (Credit Hours)	19
Semester 2			
Compulsory English-II	3(3+0)	General-VII Biophysics /Analytical Chemistry	3(3+0)
Compulsory Biostatistics	3(3+0)	General-VIII Genetics	3(3+0)
General-II Social Science II	3(3+0)	Foundation-V Enzymes	3(2+1)
General-III Marketing and Management	3(3+0)	Foundation-VI Molecular Biology	3(3+0)
General-IV Organic Chemistry	3(2+1)	Foundation-VII Metabolism	4(4+0)
Foundation-II Carbohydrates and Lipids	4(3+1)	General-IX Microbiology	3(2+1)
Total (Credit Hours)	19	Total (Credit Hours)	19

Sample Course Plan for BS Biochemistry

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 5			
Major-I Cell Biology	3(2+1)	Major-X Industrial Biochemistry	3(2+1)
Major-II Biochemistry Techniques	3(1+2)	Major-XI Biotechnology	3(3+0)
Major-III Biosafety & Ethics	2(0+2)	Major-XII Immunology	3(3+0)
Major-IV Plant Biochemistry	3(2+1)	Major-XIII Current Trends in Biochemistry	3(3+0)
Major-V Clinical Biochemistry	3(2+1)	Research Project/Special Paper-I (M)	3(0+3)
Elective-I General Virology	3(2+1)	Total (Credit Hours)	15
Total (Credit Hours)	17		
Semester 6			
Elective-II Cell & Tissue Culture	3(2+1)	Major-XIV Environmental Biochemistry	2(2+0)
Major-VI Bio-Membranes & Cell Signaling	3(3+0)	Elective-III Fermentation Biotechnology	3(3+0)
Major-VII Bioenergetics	2(2+0)	Elective-IV Toxicology	3(3+0)
Major-VIII Nutritional Biochemistry	3(2+1)	Internship (M)	3(0+3)
Major-IX Bioinformatics	3(2+1)	Research Project/Special Paper-II (M)	3(0+3)
Total (Credit Hours)	14	Total (Credit Hours)	14
		G. Total (Credit Hours)	134

Sample Course Plan for MS Biochemistry

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 1			
Advanced Biochemistry	3(3-0)	Advanced Clinical Biochemistry	3(3-0)
Advanced Techniques in Biochemistry	3(2-1)	Advances in Recombinant DNA Technology	3(3-0)
Biostatistics	3(3-0)	Advanced Toxicology	3(3-0)
Biochemistry of Cell Signaling	3(3-0)	Bioinformatics	3(3-0)
Total (Credit Hours)	12	Total (Credit Hours)	12
Semester 3			
Research for Thesis	3(3-0)	Thesis	3(3-0)
Total (Credit Hours)	3	Total (Credit Hours)	3
		G. Total (Credit Hours of the Degree)	30

Sample Course Plan for PhD Biochemistry

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 1		Semester 2	
Molecular Genetics	3(3-0)	Enzymology	3(3-0)
Environmental Biochemistry	3(3-0)	Nutritional Biochemistry	3(3-0)
Frontiers in Biochemistry	3(3-0)	Metabolic Pathways	3(3-0)
Total (Credit Hours) 9		Total (Credit Hours) 9	

Remaining Semesters (Per HEC Criteria)

Research & Thesis	30
Total (Credit Hours)	30

G. Total (Credit Hours of the Degree) 48

Potential Courses and Research Work for PhD Biochemistry

S. #	Title of Course	Cr. Hrs.	S. #	Title of Course	Cr. Hrs.
1.	Molecular Genetics	3(3-0)	13.	Biochemistry of Signal transduction	3(3-0)
2.	Advanced Environmental Biochemistry	3(3-0)	14.	Natural Products: Extraction & Analysis	3(3-0)
3.	Frontiers in Biochemistry	3(3-0)	15.	Advances in Endocrinology	3(3-0)
4.	Enzymology	3(3-0)	16.	Problem Base Learning in Biochemistry	3(3-0)
5.	Nutritional Biochemistry	3(3-0)	17.	Microbial Biochemistry and Physiology	3(3-0)
6.	Metabolic Pathways	3(3-0)	18.	Forensic DNA Typing	3(3-0)
7.	Advanced Biochemistry	3(3-0)	19.	Cell Biology	3(3-0)
8.	Advanced Clinical Biochemistry	3(3-0)	20.	Recombinant DNA Technology	3(3-0)
9.	Advanced Heterocyclic Compounds	3(3-0)	21.	Genomics and Proteomics	3(3-0)
10.	Recent Trends in Immunology	3(3-0)	22.	Bioinformatics	3(3-0)
11.	Analytical Techniques in Biochemistry	3(1-2)	23.	Term Papers & Scientific Writing	3(3-0)
12.	Biochemical Toxicology	3(3-0)	24.	Research and Thesis	30(0-30)

Note: The Panel of PhD Supervisors will propose six courses from the above list according to the Research Field of the Concerned Supervisor and subject to the condition that such course(s) is/are not already studied during M.Phil./MS

Microbiology

Advances in medicine, greater longevity and a rapidly expanding world population continue to increase the numbers of people at the risk of infection. The situation compounded by the emergence of multi-drug resistant microbes and the lack of new clinically effective anti-infective agents compelled us to establish Microbiology section under FoLS. Research within the Molecular Microbiology Group will be directed towards the acquisition of novel molecular and cellular insights

into host pathogen interactions, quorum sensing and the evolution of virulence and drug resistance with a view to

the discovery of new therapeutic and preventative strategies against Viral, Bacterial and Fungal Pathogens.

Degree Requirements

BS Microbiology (4 Years Program)

Total Number of Credit Hours	= 132
Duration	= 4 years (8 Semesters)
Semester Duration	= 16-18 weeks
Course load per semester	= 15-19 Credit Hours
Number of Courses per Semester	= 5-6

Sample Course Plan for BS Microbiology

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 1		Semester 3	
Compulsory English I	3 (3+0)	Compulsory Mathematics-I / Biology	3 (3+0)
Compulsory Pakistan Studies	2 (2+0)	General-IV Biochemistry-II	3 (2+1)
Compulsory Islamic Studies / Ethics	2 (2+0)	General-VI General Genetics	3 (2+1)
Compulsory Computer Application	3 (2+1)	Foundation-III Introduction to Medical Microbiology	4 (2+2)
General-I Human Physiology-I	3 (2+1)	Foundation-IV General Immunology	3 (2+1)
Foundation-I Fundamentals of Microbiology-I	4 (2+2)	Total (Credit Hours) 16	
Total (Credit Hours) 17		Semester 4	
Semester 2		General-VII Ecology & Ecosystem	
Compulsory English-II	3 (3+0)	3 (2+1)	
Compulsory Biostatistics	3 (3+0)	General-VIII Biodiversity of Plants & Fungi	
General-II Human Physiology-II	3 (2+1)	3 (2+1)	
General-III Biochemistry-I	3 (2+1)	Foundation-V Microbial Taxonomy	
General-V Sociology	3 (3+0)	3 (2+1)	
Foundation-II Fundamentals of Microbiology-II	4 (2+2)	Foundation-VI General Virology	
Total (Credit Hours) 19		3 (2+1)	
		Total (Credit Hours) 15	

Sample Course Plan for BS Microbiology

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 5		Semester 6	
Foundation-VIII Mycology	3 (2+1)	Foundation-X Biosafety & Risk Mgmt.	3 (3+0)
Foundation-IX Research Methodology	3 (2+1)	Major-IV Bacterial Genetics	4 (2+2)
Major-I Cell Biology-II	3 (2+1)	Major-V Clinical Bacteriology	4 (2+2)
Major-II Microbial Anatomy & Physiology	3 (2+1)	Major-VI Soil Microbiology	3 (2+1)
Major-III Fresh Water Microbiology	3 (2+1)	Major-VII Epidemiology, Public Health & Bioethics	3(2+1)
Total (Credit Hours)	15	Total (Credit Hours)	17
Semester 7		Semester 8	
Major-VIII Environmental Biotechnology	3 (2+1)	Major-XI Genetic Engineering	4 (2+2)
Major-IX Molecular Mechanism of Antimicrobial Agent	4 (2+2)	Major-XII Medical Virology	4 (2+2)
Elective-I Applied Microbial Technology	3 (2+1)	Elective-III Industrial Biotechnology	3 (2+1)
Elective-II Cell & Tissue Culture	3 (2+1)	Elective-IV Nano-Biotechnology	3 (2+1)
Major-X Research Project / Internship / Special Paper-I	3 (0+3)	Major-XIII Research Project / Internship / Special Paper-II	3 (0+3)
Total (Credit Hours)	16	Total (Credit Hours)	17
		Total Credit Hours (Theory + Practical)	132

Sample Course Plan for MS Microbiology

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 1		Semester 2	
Advanced Microbiology	3 (3-0)	Applied GMO Technology	3 (3-0)
Advanced Techniques in Microbiology	3 (2-1)	Advanced Medical Microbiology	3 (3-0)
Advanced Virology	3 (2-1)	Microbial Genetics and Diseases	3 (3-0)
Biostatistics	3 (3-0)	Bioinformatics	3 (3-0)
Total (Credit Hours)	12	Total (Credit Hours)	12
Total (Credit Hours)	17		
Semester 3		Semester 4	
Research for Thesis	3 (0-3)	Thesis	3 (0-3)
Total (Credit Hours)	6	Total (Credit Hours)	6
		Total (Credit Hours of the Degree)	30



Sample Course Plan for PhD Microbiology

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 1			
Molecular Genetics	3	Food Microbiology	3
Industrial Microbiology	3	Microbial Biochemistry	3
Frontiers in Microbiology	3	Microbial Biotechnology	3
Total (Credit Hours) 9		Total (Credit Hours) 9	
Remaining Semesters (Per HEC Criteria)			
Research & Thesis			30
			Total (Credit Hours) 30
			Total (Credit Hours of the Degree) 48

Potential Courses and Research Work for PhD Microbiology

S. #	Title of Course	Cr. Hrs.	S. #	Title of Course	Cr. Hrs.
1.	Molecular Genetics	3(3-0)	15.	Cell & Tissue Culture	3(3-0)
2.	Applied Microbiology	3(3-0)	16.	Prob. Base Learning in Molecular Genetics	3(3-0)
3.	Frontiers in Microbiology	3(3-0)	17.	Advances in Microbial Genetics	3(3-0)
4.	Food Microbiology	3(3-0)	18.	General and Medical Genetics	3(3-0)
5.	Microbial Biochemistry	3(3-0)	19.	Advanced Virology	3(3-0)
6.	Microbial Biotechnology	3(3-0)	20.	Epidemiology	3(3-0)
7.	Advanced Microbiology	3(3-0)	21.	Medical Parasitology	3(3-0)
8.	Medical Microbiology-I	3(3-0)	22.	Applied Genetics	3(3-0)
9.	Medical Microbiology-II	3(3-0)	23.	Bacterial Genetics	3(3-0)
10.	Microbial Genetics & Diseases	3(3-0)	24.	Human Genetics	3(3-0)
11.	Techniques in Microbiology	3(1-2)	25.	Microbial Enzymology	3(3-0)
12.	Recent Trends in Immunology	3(3-0)	26.	Term Papers and Scientific Writing	3(3-0)
13.	Genomics, Transcriptomics & Proteomics	3(3-0)	27.	Research & Thesis	30(0-30)
14.	Signal Transduction	3(3-0)			

Note: The Panel of PhD Supervisors will propose six courses from the above list according to the Research Field of the Concerned Supervisor and subject to the condition that such course(s) is/are not already studied during M.Phil./MS

Biotechnology

In the discipline of Biotechnology, Degrees are offered at the level of MS, M.Sc. and BS. Faculty is highly competitive and strives to fulfill significant demand in Biomedical, Pharmaceutical and Industry. A large number of students are seeking admission during each semester to qualify for higher research programs within the University while a good proportion of meritorious students aim to pursue further research studies in different overseas universities

after completing degrees from FoLS. Graduating students may seek employment in the renowned

organizations in this country as well as abroad.

Degree Requirements

BS Biotechnology (4 Years Program)

Total Number of Credit Hours	= 134
Duration	= 4 years (8 Semesters)
Semester Duration	= 16-18 weeks
Course load per semester	= 15-18 Credit Hours
Number of Courses per Semester	= 5-6

Sample Course Plan for BS Biotechnology

Name of Subject	Cr. Hrs.	Name of Subject	Cr. Hrs.
Semester 1			
Compulsory English I	3 (3+0)	(Compulsory) English-III (Writing & Comp)	3 (3+0)
Compulsory Pakistan Studies	2 (2+0)	Compulsory Mathematics / Biology	3 (3+0)
Compulsory Islamic Studies / Ethics	2 (2+0)	General-V Ecology, Biodiversity & Evaluation-II	3 (2+1)
Compulsory Introduction to Computer Science	3 (2+1)	General-VI Biological Physics	3 (3+0)
General-I Physical Chemistry	3 (3+0)	Foundation-III Biochemistry-II	3 (2+1)
Foundation-I Introduction to Biotechnology	3 (2+1)	Foundation-IV Cell Biology	3 (3+0)
Total (Credit Hours) 16		Total (Credit Hours) 18	
Semester 2			
Compulsory English-II	3 (3+0)	General-VII Sociology	3 (3+0)
Compulsory Biomathematics	3 (3+0)	General-VIII Marketing	3 (3+0)
General-II Inorganic Chemistry	3 (2+1)	Foundation-V Classical Genetics	3 (3+0)
General-III Organic Chemistry	3 (2+1)	Foundation-VI Probability & Biostatistics	3 (3+0)
General-IV Ecology, Biodiversity & Evaluation-I	3 (3+0)	Foundation-VII Analytical Chemistry & Instrumentation	3 (2+1)
Foundation-II Biochemistry-I	3 (2+1)	Foundation-VIII Molecular Biology	3 (3+0)
Total (Credit Hours) 18		Total (Credit Hours) 18	

Sample Course Plan for BS Biotechnology

Name of Subject	Cr. Hrs.
Semester 5	
Major-I Principles of Biochemical Engineering	3 (2+1)
Major-II Agriculture Biotechnology	3 (2+1)
Foundation-IX Microbiology	3 (3+0)
Foundation-X Immunology	3 (3+0)
Foundation-XI Methods in Molecular Biology	3 (1+2)
Total (Credit Hours)	15
Semester 6	
Foundation-XII Genetic Resources & Conservation	3 (3+0)
Foundation-XIII Microbial Biotechnology	3 (3+0)
Major-III Health Biotechnology	3 (3+0)
Major-IV Environmental Biotechnology	3 (3+0)
Major-V Food Biotechnology	3 (3+0)
Elective-I Nano-Biotechnology	3 (2+1)
Total (Credit Hours)	18
Semester 7	
Major-VI Genomics & Proteomics	3 (3+0)
Major-VII Seminar-I	1 (1+0)
Major-VIII Bioinformatics	3 (1+2)
Major-IX Industrial Biotechnology	3 (3+0)
Major-X Research Project / Internship / Special Paper-I	3 (3+0)
Elective-II Cell & Tissue Culture	3 (2+1)
Total (Credit Hours)	16
Semester 8	
Elective-III Virology	3 (2+1)
Elective-IV Fermentation Biotechnology	3 (2+1)
Major-XI Seminar-II	1 (1+0)
Major-XII Research Methodology & Skill Enhancement	3 (3+0)
Major-XIII Research Project/Internship/Special Paper-I	3 (3+0)
Compulsory Biosafety & Bioethics	2 (2+0)
Total (Credit Hours)	15
Total Credit Hours (Theory + Practical)	134

Sample Course Plan for M.Sc. Biotechnology

Name of Subject	Cr. Hrs.
Semester 1	
Introduction to Biochemistry	4(3-1)
Introduction to Molecular Biology & Biotechnology	4(4-0)
Genetic Resources & Conservation	3(3-0)
Industrial Biotechnology	2(2-0)
Environmental Biotechnology	3(2-1)
Total (Credit Hours)	16
Semester 2	
Recombinant DNA Technology	4(3-1)
Immunology	4(3-1)
Food Biotechnology	4(3-1)
Agricultural Biotechnology	2(1-1)
Biostatistics	3(3-0)
Total (Credit Hours)	17
Semester 3	
Techniques in Biotechnology.	3(0-3)
Health Biotechnology.	2(2-0)
Cell & Tissue Culture.	3(3-0)
Genetics, Transcriptomics & Proteomics.	3(3-0)
Research Methodology & Research for Thesis / Review Report.	6(0-6)
Total (Credit Hours)	17
Semester 4	
Nano-Biotechnology	3(3-0)
Microbial Biotechnology & Vaccinology.	4(3-1)
Bioinformatics.	3(3-0)
Thesis / Review Report.	6(0-6)
Total (Credit Hours)	16
Total (Credit Hours of the Degree)	66

Sample Course Plan for MS Biotechnology

Name of Subject	Cr. Hrs.
Semester 1	
Advances in Biotechnology	3 (3-0)
Advanced Techniques in Biotechnology	3 (2-1)
Biostatistics	3 (3-0)
Applied GMO Technology	3 (3-0)
Total (Credit Hours)	12
Semester 2	
Stem Cell Technology & Cell Culture	3 (2-1)
Advanced Immunology	3 (3-0)
Advanced Recombinant DNA Technology	3 (3-0)
Bioinformatics	3 (3-0)
Total (Credit Hours)	12
Semester 3	
Research for Thesis	3 (0-3)
Total (Credit Hours)	3
Semester 4	
Thesis	3 (0-3)
Total (Credit Hours)	6
G. Total (Credit Hours of the Degree)	30



Food Science & Technology

In the discipline of Food Science & Technology, Degrees are offered at the level of BS. Faculty is highly competitive and strives to fulfill significant demand in Food Industry. A large number of students are seeking admission during each semester to qualify for higher research programs within the University while a good proportion of meritorious students aim to pursue further research studies in different overseas universities after completing degrees

from FoLS. Graduating students may seek employment in the renowned

organizations in this country as well as abroad.

Degree Requirements

BS Food Science & Technology (4 Years Program)

Total Number of Credit Hours = 137

Duration = 4 years (8 Semesters)

Semester Duration = 16-18 weeks

Course load per semester = 15-18 Credit Hours

Number of Courses per Semester = 5-6

Sample Course Plan for BS Food Science & Technology

Semester	Sr#	Name of Subject	Theory	Practical	Credits
First	1	Introduction to Food Science & Technology	2	1	3
	2	Islamic Studies	2	0	2
	3	Essentials of Biochemistry	2	1	3
	4	Introduction to Information Technology	2	1	3
	5	Pakistan Studies	2	0	2
	6	English-I	3	0	3
		Total			16
Second	1	Principal Human Nutrition	2	1	3
	2	Mathematics-I	3	0	3
	3	Food Chemistry	3	0	3
	4	English-II	3	0	3
	5	Statistics	3	0	3
	6	General Microbiology	2	1	3
		Total			18
Third	1	Food Microbiology	2	1	3
	2	Postharvest Technology	2	1	3
	3	Mathematics-II	3	0	3
	4	Community Nutrition	2	1	3
	5	Food Biotechnology	2	1	3
	6	Food Processing & Preservation	2	1	3
		Total			18

Sample Course Plan for BS Food Science & Technology

Semester	Sr#	Name of Subject	Theory	Practical	Credits
Fourth	1	Marketing and Business Management	3	0	3
	2	Unit Operation in Food Processing	2	1	3
	3	Fruits and Vegetables Processing	2	1	3
	4	Biostatistics	3	0	3
	5	Meat and Sea Food Technology	2	1	3
	6	Public Health, Milk and Meat Hygiene	2	1	3
		Total			18
Fifth	1	Food Plant Layout and Sanitation	3	0	3
	2	Cereal Technology	2	1	3
	3	Sugar Technology	2	1	3
	4	Food Process Engineering	2	1	3
	5	Instrumental Techniques in Food Analysis	1	2	3
	6	Beverage Technology	2	1	3
		Total			18
Sixth	1	Food Safety Management	3	0	3
	2	Communication Skills & Leadership Development	3	0	3
	3	Confectionery and Snack Foods	2	1	3
	4	Bakery Products Technology	2	1	3
	5	Dairy Technology	2	1	3
	6	Food Laws & Regulation	3	0	3
		Total			18
Seventh	1	Technology of Oils and Fats	2	1	3
	2	Food Packaging	2	1	3
	3	Poultry and Egg Processing	2	1	3
	4	Food Toxicology	3	0	3
	5	Stored Product Pests	1	1	2
	6	Research Projects and Scientific Writing	1	1	2
		Total			16
Eighth	1	Sensory Evaluation of Foods	2	1	3
	2	Extrusion Technology	2	1	3
	3	Food Product Development	2	1	3
	4	Food Quality Management	2	0	2
	5	Internship and Report Writing	0	4	4
					15
TOTAL CREDIT HOURS					137

Faculty of Sciences



Dr. Muhammad Asghar Chaudhry
Dean

The aspiration to have an independent Faculty of Science has been long-standing at UCP and through the hard work, dedication and vision of many people, it is now a reality. FoS is a home to the foundation science disciplines. We are a diverse faculty that encompasses chemistry, physics, mathematics, Zoology and botany. We provide leading-edge education using evidence-based approaches to improve and innovate at all levels.

Science plays a huge part in our daily life – it is everywhere – and inescapable. Every day, we draw on science knowledge to make sense of the world around us. Science is about discovery, research, entrepreneurship and curiosity – and that's what we do at the FoS. Our Mission at the Faculty of Sciences is to prepare students to become self-reliant professionals imbued with the critical thinking and adaptability necessary to meet future challenges and excel in all aspects of life.

- **BS Mathematics**
- **BS Physics**
- **BS Chemistry**
- **BS Zoology**
- **BS Botany**

Eligibility Criteria:

Those who have completed F.Sc./ICS /A-Level or equivalent with minimum 2nd division or 45% marks are eligible to apply for admission. Admission is granted on merit, determined on the basis of scores earned in admission test and previous academic record.

Degree Requirements:

The degree is awarded after the completion of minimum 130 credit hours of coursework with minimum CGPA of 2.00. The degree requirements are normally completed in 4 years spreading over 8 semesters.

BS Mathematics

Subject of mathematics enjoys intrinsic linkage with related basic

sciences and our BS Mathematics curriculum will prepare the students accordingly. Math graduates form UCP can fit in a variety of fields required in the market like IT, Computer Sciences, Business Studies etc. Math is absolutely necessary for exploring modern concepts in physics.

BS Physics

Our goal is to produce graduates who can excel themselves in an outstanding manner whether as academicians in universities or technical experts for the government and private sectors including researchers in R & D organizations. In whatever capacity they serve, they will have a solid foundation in their field and will be equipped with strong critical and analytical abilities

developed by program. As a physics major, initially you will develop a strong background in mathematics and fundamentals of physics. Later on, you will study advanced level physics courses in such challenging fields as optics, thermodynamics, quantum mechanics, theoretical mechanics, electrodynamics and solid state physics.

BS Chemistry

The BS Chemistry program prepares students as professional chemists and serves as a foundation for careers in allied fields such as biology, biotechnology and medicine. The curriculum offers a thorough fundamental knowledge of the major fields of chemistry covering the general areas of inorganic, organic and physical chemistry, plus

many more specialized areas of interest in industry. Students gain laboratory experience in inorganic and organic synthesis, analytical methods, physical chemical measurements and biochemical engineering. Chemistry graduates are a work force for rapidly expanding chemical industries in Pakistan.

BS Zoology

The scientific study of animals' characteristics, their environments and the impact of surrounding environments on the different physiological systems is important to dig out the health – hazards issues of mankind and to provide their solutions. Under the scenario referred above, zoology is a vibrant and growing discipline with diverse

areas of applied research in addition to its academic importance.

Our society is facing different challenges e.g. pollution, paucity of renewable re-sources, unusual environmental changes, animal / human diseases etc. Science of animal biology plays significant role to understand and in resolving the day to day biological threats being faced by the humanity. Morphological, biological and physiological studies of animals provide a pathway / solutions to control the above referred threats to mankind both through biological control and through bio-pharmaceuticals. The study of zoology is being increasingly recognized as vital in understanding and protecting our planet.

BS Botany

The program is solidly grounded in the basic sciences (general biology, chemistry, math and physics) needed to understand the latest research in botany. It also allows a range of choice in upper level courses permitting students to tailor their degrees according to their interests within plant biology. Students choose from upper level courses taught by distinguished faculty who have strong research orientation in biological sciences.





Dr. Ali Faisal Murtaza
Director Research

Directorate of Research

Organization

Research is a tool for building knowledge and facilitating learning. It plays a pivotal role in making universities competitive worldwide. Quality research enables universities to explore organizational and societal issues to identify or suggest solutions. It thus enables the educational sector to perform systematically while continuously improving practices and develop refined understanding related to learning and teaching. With the aim of promoting and strengthening research culture in the university, Directorate of Research is working under Pro-Rector, University of Central Punjab. The Directorate is currently chaired by Dr. Ali Faisal Murtaza. The Directorate is directly in communication with the deans of all faculties. In this regard, focal persons from all faculties have been nominated by deans to build a channel between Directorate of Research and faculties of UCP.

Objectives and key Tasks

The key objective of the Directorate is to provide a bridging role for an enabling environment at UCP in which faculty and students can conduct useful research and to remove barriers of research in the university. In this regard, the Directorate develops and updates several new research policies. It also organizes research activities such as seminars, training workshops etc. to promote research and to strengthen the research skills of faculty members and

students. In any research institution, a tool must be available for continuous monitoring and maintenance of research data of faculty members. For this purpose, a new and comprehensive research portal is devised for faculty members. All these activities and efforts of Directorate are generated with an aim to increase number of recognized research publications of UCP and to produce quality post graduate students.

Achievements

Directorate of Research is continuously performing its role to enhance and ameliorate research and development in the University. The achievements of the year 2018 are as follows:

In order to encourage the faculty members on publishing quality research work in impact factor and HEC recognized journals, the directorate has upgraded the research publication remuneration policy. In reference to this, publication remuneration amount has raised. Furthermore,

Directorate of Research has formed a new policy regarding reward on conducting a workshop. The motivation and objective behind the policy is to acknowledge the efforts of faculty members for conducting workshops regarding research skills, methods and maintaining research culture. In year 2018, faculty members from all faculties contributed in more than 300 publications, which include impact factor & HEC recognized journals, local & international conferences, abstracts, and book chapters etc.

In addition, the Directorate has formed a new policy for foreign travel grant for paper presentation, through which the foreign travel grant for oral presentation of paper is approved (partial or full) on the basis of research performance of faculty members.

Furthermore, the directorate is a direct channel of communication between research supervisors and library staff and facilitates them regarding journal publications. In addition to this, the directorate has also

performed a detailed university-wide research publication analysis in order to determine the annual research performance of the University and to plan future strategies accordingly. According to the recent research report of 2018, the quality and quantity of research publications of the University have effectively increased as compared to past years.

Future Direction

Directorate of Research is working with the aim of establishing and rejuvenating research culture and the ultimate goal is to keep on improving the university standing. In reference to this, the future direction of the directorate is to ensure HEC approved PhD faculty for supervising post-graduate research students. This will eventually lead us to meet the quality/ performance indicators of Times Higher Education (THE) Commission. Moreover, the objective of the directorate is to continuously update the research policy of the University according to international standards of research.



Prof. Dr. Mahmood Ahmad
Director ORIC, UCP

Office of Research, Innovation and Commercialization (ORIC)

The office of Research, Innovation and Commercialization (ORIC) was instituted in January 2016 at University of Central Punjab. The university supports innovation in research and the ORIC helps faculty, students and staff to patent their products. Top most priority of ORIC is to develop and sustain a dynamic and internationally competitive research in the University that makes a major contribution to economic prosperity, national well-being and the expansion & dissemination of knowledge.

Objectives of ORIC

The ORIC seeks to enhance the conducive environment for research by:

1. Supporting the University's research directions and policies
2. Increasing and diversifying external research funding
3. Improving recruitment and retention of top faculty
4. Research and education at all levels
5. Improving translation of research into public benefit
6. Strengthening University-Industry relationship
7. Promoting entrepreneurship, technology transfer and commercialization activities to

energize and support the local and national economy

8. Enhancing cross-cutting and multi-disciplinary research promotion and initiatives

Functions of ORIC

- A) ORIC facilitates the researchers by seeking grant from donor agencies to get research projects, travel grants, workshops, seminars and conferences
- B) ORIC disburses research incentives among researchers to promote research culture and acknowledge their research contribution
- C) ORIC functions as mediator between agencies and the university regarding university ranking

assignments

- D) ORIC functions as mediator between HEC and the University to develop subject level data base
- E) ORIC also maintains the records of grants acquired, publications and guides on ethical approval. It also facilitates faculty in matters relating to contracts/agreements sign off, Material & Data Transfer agreements, innovation and patenting in consultation with legal office
- F) ORIC helps to foster and reinforce university-industry affiliations.
- G) ORIC promotes and encourages multi-disciplinary research within and outside the university.



Dr. Muhamad Ramzan
Director QEC

Quality Enhancement Cell (QEC)

University of Central Punjab is striving hard to produce highly skilled and ethically strong graduates with the knowledge that is locally grounded but at par with the international standards. Quality Enhancement Cell at UCP has set high standards of teaching, learning and research for the teachers and students. The education and research at UCP is focused on ensuring students best learning outcomes and trust of employers and parents. A key feature of quality assurance here is the fitness for purpose, and this touches all aspects of the university's operations, from learning and teaching to the leadership and administrative features. Rigorously operated, QEC at UCP has enabled the university to get:

- A) Approval of all its programs from accreditation agencies and councils
- B) NOC of all its MS/M. Phil. and PhD Programs
- C) For the first time UCP is credited among, top 500 QS Asian ranked universities
- D) QEC at UCP have been awarded highest "W" category by HEC
- E) In first ever Program Review HEC Quality Assurance Agency Team have approved all UCP MS/M. Phil. and PhD programs

The journey to touch the heights of excellence is moving fast, come and join us. We are here to take care of you!

Introduction

University of Central Punjab (UCP) laid the foundation stone of Quality Enhancement Cell (QEC) in 2012. In these progressive nine years, QEC has been evolved as a core functional unit of the UCP with the highest category of "W" awarded by HEC. QEC at UCP is not only working to assure and enhance the quality of education but also strive to continually improve other administrative and support services. Its key role is planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the university.

QEC is actively involved in various activities taking place at UCP, including faculty development, improving learning and teaching standards, determining stakeholder satisfaction, appraisal of undergraduate, graduate and postgraduate degree programs and refining the support processes. The multi-pronged strategy of QEC helps the university to focus on following three broad areas:

1. Planning: Annual and long-term planning to set goals and action plans for the quality of teaching, learning and research.

2. Assurance: Review of procedures and practices, both periodic and continuous at Departmental, Faculty, School and University levels to assess the quality of teaching, learning and research.

3. Responsibilities: To monitor and review the role and responsibilities of teachers, individual staff members, Academic Heads, Deans of Faculties and Directors.

QEC at UCP operates through a stated vision, mission, objectives and clearly defined functions and structure. They are:

The Vision of QEC is

"To make Quality a defining element of higher education at UCP through self and external quality evaluation and with unique and differentiated initiatives."

The Mission of QEC is

"To get the UCP ranked among top universities of the region"

Objectives of the QEC

- To promote Quality and Assessment culture for continuous quality improvement.
- To take initiatives for Capacity Building (Faculty Development & Institutional Development).
- To monitor and evaluate the progress of each Academic & Administrative Department of the university through conducting periodic surveys and sharing findings.

To obtain Accreditations from National & International Quality Assurance Bodies.

QEC Team

Dr. Muhammad Ramzan
Director

Mr. Numan Shahid
Deputy Director

Ms. Shazia Qasim
Assistant Director

Mr. Gulfam Ahmad
Manager Research

Mr. Saad Bin Saeed
Data Analyst

Ms Iqra Zahid
Office Assistant

Functions of the QEC

QEC is responsible for promoting public confidence that the quality and standards of the award of degrees are enhanced and safe guarded.

QEC @ UCP

1- Academic Quality Division

2- Data Analytics Division

3- Service Quality Division

Dr. Muhammad Ramzan
Director

Mr. Numan Shahid
Deputy Director

Ms. Shazia Qasim
Assistant Director

Mr. Gulfam Ahmad
Manager Research

Mr. Saad Bin Saeed
Data Analyst

Ms Iqra Zahid
Office Assistant

- QEC is responsible for the review of quality standards and the quality of teaching and learning in all each subject area.
- QEC is responsible for the review of academic affiliations with other institutions in terms of effective management of standards and quality of programs.
- QEC is responsible for defining clear and explicit standards as points of reference for the reviews to be carried out. It should also help the employees to know as to what they could expect from our graduates.
- QEC is responsible to develop qualifications framework by setting out the attributes and abilities that can be expected from the holder of a qualification, i.e. Bachelors, Bachelor with Honors, Master's, M. Phil. and PhD.
- QEC is responsible to develop program specifications. These are standard set of information clarifying what knowledge, understanding, skills and other attributes a student will have developed on successfully completing a specific program.
- QEC is responsible to develop quality

assurance processes and methods of evaluation.

Structure of QEC

To ensure the fulfillment of functions specified by HEC, the structure of QEC has been bifurcated in three separate units but integrated with each other. They are:

1- Academic Quality Division

This division intends to improve the standard of academic quality by developing a healthy liaison with HEC and with all faculties of UCP. Most of the projects, which are currently executing under QEC, are major part of it. These include:

1. Self-assessment cycle
2. Self-assessment procedure
3. HEC MS/M.Phil. & PhD program reviews
4. HEC MS/M.Phil. & PhD program review internal audits & mock exercises
5. NOC of any new MS/M.Phil. & PhD programs from HEC
6. National & international rankings (HEC, QS, Times Higher Education)
7. Pakistan qualification register (PQR)
8. Endorsement for establishment of

new faculty or program

9. Institutional performance evaluation (IPE)- university portfolio report (UPR)
10. Faculty review, promotion and publication verification
11. Annual progress report
12. Liaison with HEC, PHEC and other government offices
13. Liaison with national & international accreditation & professional bodies & implementation of their policies
14. Participation in statutory bodies meetings
15. Organization and participation in national & international conferences
16. Internationalization of the UCP
17. Faculty and Staff development programs at UCP
18. Participation in HEC and Quality Assurance Agency (QAA) meetings

Other than aforementioned tasks, all processes, which are under the domain of academia, need to be formulated and validated by this division. To formulate the unframed process (e.g. the research policy), this division will integrate with the parent department (the owner of process) and assists them in framing and approving the process.

2- Data Analytics Division

This division intends to collect and analyze the data and come up with various reports, which are used to improve the quality of academia and services. The core projects of this division include but not limited to formulation and conduction of online surveys and drawing inferences. These surveys may include:

1. Student Satisfaction Survey
2. Faculty Satisfaction Survey
3. Alumni Survey
4. Employer Survey
5. Survey of Graduating Students
6. Course and Teachers Evaluation Survey
7. Progress Review of Research Students
8. Food Quality Survey
9. Library Satisfaction Survey
10. Market Survey about UCP

Some of the results from aforementioned surveys are used in SARs, so strong integration of data analyst with all three divisions is paramount to optimize the results. Apart from this, there are many avenues where survey results give us the factual data to base our decisions e.g. students view in discounting & scholarship policy, faculty view in terms of faculty development etc.

3- Service Quality Division

This division intends to improve the quality of services being provided by different departments of UCP. To assess and improve the services by integrating with main owners of processes, these may include:

1. Interaction of Potential Students with Admissions' Department
2. Interaction of Visitors/Parents with Guards at Gate
3. Interaction of Students with Registrar Office and with Accounts Department
4. Making Flow Charts of Unframed Service Processes
5. Services for Students in terms of Counselling (Faculty counselling hours)
6. Services in Student Cafe as well as in Faculty Lounge
7. Services of Parking Lots
8. Feedback surveys from potential stakeholders regarding UCP services

Moreover, new initiatives may include Set-Up of Students Facilitation Center/ Desk to take care of inquiries from current students. One student desk can accommodate at least two major faculties.

Takhleeq



Dr. Bilal Zafar
Head of Takhleeq

The University of Central Punjab is dedicated to not only produce globally-competitive professionals but also innovative job creators. Takhleeq Business Incubator is the epicenter of creativity, innovation and entrepreneurial activities at UCP. Housed in a state-of-the-art facility, Takhleeq runs a world-class incubation program, organizes events and lectures on entrepreneurship, and creates national and international linkages to support entrepreneurs of UCP. Driven by our vision of creating ethical business that propel positive change in the society, Takhleeq is always a buzz with creativity, optimism, and positive energy.

Takhleeq Business Incubator provides a platform to determined entrepreneurs and innovative start-ups to make their business ideas a reality. At the heart of this is our 6-months incubation program for UCP students, faculty members and alumni who have a strong desire to start their own business ventures. This rigorous mentoring and training program empowers participants to start, run

and grow their businesses. We take care of all the teething problems that an early stage start up encounters -- from business advice to branding, marketing, customer development, and legal guidance. Focused mentor engagements with industry specialists and seasoned entrepreneurs prepare start-ups to a point where they begin to explore and seek investment. Takhleeq also offers matching grants for prototype development and essential government expenses incurred by startups. All of these services are provided at no charge to start-ups incubated at Takhleeq.

Takhleeq is also involved in creating a fertile ground for innovative entrepreneurs at UCP. Working alongside The Entrepreneurship Society, the Student Council and various faculties at UCP, Takhleeq hosts guest lectures, seminars and workshops open to all students, faculty members and alumni to provide inspiration and practical tips for starting their own businesses.

Collaboration and networking is the

key to growing any business in today's global economy. Takhleeq is a member of prestigious Frontiers Incubator, a network of business incubators and accelerators in the Asia-Pacific region. This partnership has resulted in giving Takhleeq and start-ups access to a global network of trainers and investors.

Through hard-work, persistence and creative problem solving, companies incubated at Takhleeq have gone on to create amazing products and services. Chemeleo (formally Zaps) creates shoes for men and women with interchangeable tops. Tracked, Traced and Secured (TTS) is offering a subscription based real-time cargo tracking and fleet management solution to help move Pakistan's logistics industry forward. Bio-Victual, start-up led by a faculty member at UCP, is marketing products like Moringa team to promote healthy living.

Takhleeq also offers a full-time fellowship for students interested in joining the entrepreneurship eco-system. Takhleeq Fellows are

ambassadors of Takhleeq in the student community, where they drive various projects for student engagement, conduct original research and work with start-ups to advance their goals. Student interns are also engaged at Takhleeq to hone their skills in content writing, business development, graphic and creative design and community outreach.

We recently transformed our cafe into a Cafe Incubator, where UCP's food entrepreneurs are provided a platform that equips them with the best practices of running a successful food business.

UCP and Takhleeq believe in a bright future for Pakistan, supported by vibrant, ethical and innovative business. We believe in the power of social entrepreneurship to propel our economy and social forward. We are committed to nurture and facilitate determined entrepreneurs who are driven to solve our local problems by investing their energies into innovative local solutions.



Volunteers in Service (VIS) Department

Generating humans in this mechanistic and materialistic world

UCP VIS is a member of United Nations Academic Impact (UNAI) and International Association for Volunteer Effort (IAVE), USA



Dr. Ather Azim Khan
Director VIS, UCP

In a world of crass materialism, the need to inculcate selflessness and social conscience for the uplift of less privileged is indeed worth striving for. In this context, it is an honor for me to be a part of the UCP-VIS Department that promotes the idea and spirit of volunteerism among the youth through VIS Program. UCP is a pioneer higher education institution in South Asia to start such a vast and well organized program for promotion of volunteerism among youth. Whatever is my

humble contribution over the last many years towards the VIS Program, it gives me great joy and satisfaction to observe its success in inspiring people to sacrifice their time, energy and resources for the uplift of their deprived brethren. I have seen the fruits of this program in the form of social awareness. This program lights the spark of care and concern for others that every human being has in him/herself.

Volunteers are a blessing in this world,

where very few can see beyond their own-selves and interests. As Dr. Albert Schweitzer once put it, "Just do what you can. It's not enough merely to exist." This describes the true spirit of volunteerism for the common good. Volunteer work is going beyond yourself and reaching to the poor and deprived and seeking return from the heavens.

As approved by the worthy Chairman

Main Amer Mahmood, the department has expanded its operations to other set-ups of Punjab Group of Colleges. VIS department has been established at Capital University of Science and Technology (CUST), Islamabad that has started engaging CUST students as volunteers with social sector organizations and campaigns. Similarly, VIS department has also been established in Muhammad Ali Jinnah

University (MAJU), Karachi. VIS will further be expanded to Punjab Colleges and Allied Schools in near future.



Dr. Amjad Saqib
Consultant VIS, UCP

In a very unique way, University of Central Punjab has embedded the idea of volunteerism in its educational system. It has a multi-dimensional effect on students individually and on society as a whole. It provides an opportunity to the privileged youth to see the other side of life, for example poverty, hunger, disability, disease, illiteracy, injustice, child labor, lack of basic needs, inequality etc. and then endeavor to eradicate these evils.

VIS department has grown manifold not only in terms of the number of volunteers and partner organizations but has also grown into a very well developed Volunteer Engagement Program over the years. Volunteering is also the need of the hour. My association with UCP and its volunteers is about a decade old

and we appreciate the way UCP volunteers support the noble endeavors of Akhuwat in poverty alleviation and many other partner organizations in their respective goals of public welfare.

We can modestly claim that collectively some good work has been accomplished. I pray and hope that this initiative of UCP may flourish even further and that the results envisioned by the Chairman Mian Amer Mahmood are achieved in letter and spirit, and above all in making a difference in the lives of the people on ground.

"There are so many ways to develop yourself; one is to contribute in the development and welfare of others who need your support."

Volunteers in Service (VIS) Program

A Program that Takes Students through a Streamlined Process to Become Socially Responsible Citizens

Volunteers in Service (VIS) Program

To shape up our students into responsible citizens of community, Volunteers in Service (VIS) program was launched in spring 2007. VIS department was established to run this state-of-the-art program. By virtue of VIS program, every student is required to perform volunteer work before graduation with one or more of the renowned partners of VIS department. These partners include local and international organizations such as NGOs, NPOs, Hospitals, Rehabilitation Centers, Formal and Non-formal schools etc. some of our partner organizations are UNAI, IAVE, WWF, Shaukat Khanum Cancer Hospital, Akhuwat, Rescue 1122, Care Foundation, Fatimid, National Hospital, Shalimar Hospital and many

others.

By now, more than 18,000 volunteers have completed their VIS requirement with an average of 1,500 volunteers annually. VIS department also plans, designs and executes various campaigns with or without its partner organizations. In September 2011, our volunteers sprayed Dengue preventive chemicals in more than 1,000 houses and provided Free Diagnostic Test to hundreds of people who were unable to afford the test expenses. In support of Akhuwat Clothes Bank, UCP Volunteers have contributed more than 75,000 pairs of clothes. They have also donated 1500 blanket and 5000 jerseys to earthquake and flood victims of Chitral in 2015.

Various trainings, workshops and

seminars are also arranged for our volunteers to sensitize them on numerous issues like Human Rights, Peer Education, Active Citizenship, Peace and Social Cohesion etc. and Documentary Making on Social Issues with partners like British Council, Youth Parliament of Pakistan, Interactive Resource Center (IRC) and MTV Staying Alive Foundation etc.

Our Volunteers have worked in VIS department's campaigns against Dengue, Breast Cancer Awareness, "Deewar-e-Aagehi" (Wall of Awareness), Clean Pakistan, Flood and Earth Quake Victims' Rehabilitation etc. Volunteer efforts of our students are highly appreciated by many, as Lt. Colonel Mohsin Ehsan, Wing Commander, 5-Wing, Desert Rangers, during our campaign for the flood victims,

II PEACE CONFERENCE 2019



wrote, "The enthusiasm I saw in UCP Volunteers was contagious. I am deeply moved by their commitment, discipline and passion that fuels their efforts and the happiness which shows on their faces while doing their bit. We have seen a hitherto hidden aspect of student philanthropic spirit today."

National Representation and International Memberships

VIS department has won two international memberships in 2017.

National Representative in Pakistan for International Association for Volunteer Effort (IAVE) USA

International Association for Volunteer

Effort (IAVE) is a USA based network of organizations and institutions working for promotion of volunteerism and having impact on social development. IAVE USA has awarded membership to UCP keeping in view VIS department, its impact on social development and volunteerism. UCP-VIS has also been declared as National Representative in Pakistan for IAVE USA.

United Nations Academic Impact (UNAI)

United Nations Academic Impact has awarded its membership in 2017 to UCP on the basis of VIS department, its activities and the impact on society.

International Recognition of "Wall of Awareness Campaign" of VIS

Deewar-e-Aagehi (Wall of Awareness) Campaign has been covered by international network Volunteer 2030 on their website <https://volunteer2030.org/> as the main page story. It can still be found in their Archives section.

Features of the Program

All students are required to contribute either 65 hours regular volunteer work or participate in some special campaigns designed by VIS department as a pre-requisite for earning their transcript and degree. The regular volunteer work is mostly in the ongoing welfare activities with our partner organizations, while

special campaigns are with or without collaboration of our partners. The campaigns may range from Awareness and Preventive campaign, Breast Cancer Awareness Seminars to Plantation Drives to support medical camps in less privileged areas.

Volunteers go through a complete and streamlined process to become Responsible Citizens. The detailed process of volunteer work can be seen at the UCP website. We regularly honor and greet our volunteers by awarding certificates in ceremonies graced by eminent personalities of the society. Our volunteers also contribute by making documentaries and dramas on social

themes to bring awareness in the society.

Partnering with VIS

VIS department has 160 partners, which include 33 Hospitals, 13 Schools, 6 Rehabilitation Centers and 108 NGOs. VIS department has both National and International partners. International organizations like World Wildlife Fund (WWF) and VSO International are partners with VIS department while many other partnerships are in process.

VIS department partners with national or international civil society / social sector organizations / non-profits after reviewing their profiles and having at least two formal meetings with the authorities of the concerned potential

partner organization.

Through its enriched activities, VIS represents a very distinctive characteristic of UCP. It develops students into well-groomed and cultured human beings and also addresses the requirements of society, which is dire need of caring and responsible individuals.

Further information can be had at: vis.ucp.edu.pk





*Prof. Tahir Ashfaq
Chairman Student Council
Director, Student Affairs*

Student Council

An Interface of The University

The driving force behind the creation of Student Council is providing a platform for student development and learning. The Council strives to foster community integration and respects diversity while empowering students to nurture their skills and knowledge.

Student Council

Student Council is the true reflection of University of Central Punjab. It is an umbrella under which 34 Clubs & Societies promote healthy activities to up-scale the image of university. Student Council is successfully executing its responsibilities and organizing Convocations, Welcome Parties, International Conferences, Cultural Festivals, Declamation Contests, sports Gala, Entrepreneurial Olympiad, Battle of Bands, Dramatics, International Excursion Trips and International Youth Festival (TAAKRA). The core objective of Council is to groom students so that they can aptly face the emerging challenges of the contemporary world. Council aims to develop the personality of students by inculcating leadership skills, building camaraderie, ensuring character building, teaching event management and developing an understanding of organizational behavior by improving communication skills and encouraging community service as well as developing a sense of giving back to the society. Council also helps out students in their routine affairs regarding attitude problems, stress management, counseling and personality grooming by involving highly educated and experienced Clinical Psychologists and Trainers. Council has also taken initiative of establishing Centre of Excellence, Chinese Language to cater the challenges of China Pakistan Economic Corridor.

Role of Student Council

The main role of a Student Council as set out in the Education Act is "to promote the interests of the Institution and the involvement of students in the affairs of the Institution, in co-operation with the board, parents and teachers".

- To enhance communication between students, management and faculty
- To promote an environment conducive to educational and personal development
- To promote friendship and respect among pupils
- To support the management and staff in the development of the organization
- To represent the views of the students on matters of general concern to them

National & International Events

- UCP Taakra
- International World Scholars Cup
- Session on the Revival of Rumi's Legacy
- Intersivity Debating Championship
- Intersivity Battle of the Bands
- Funkariyan
- Model United Nations



- JZT Fun Run
- Intersivity Flood Light Cricket Gala
- Seminars on Clinical Psychology

Achievements

- UCP secured 1st position and won Rs. 100,000/- cash prize in Dice Mega Innovation & Entrepreneurship Event by IBA, Sukkhar
- UCP secured 2nd position in Ad-Mad Competition by Kinnaird College, Lahore
- UCP secured 2nd Position in Case Study Competition by Kinnaird College, Lahore
- UCP secured 2nd Position in All Pakistan Declamation Contest by NAB
- UCP secured 2nd Position in All Pakistan Drama Competition by NAB
- UCP Dramatics Club won Best Supporting Actor Award at All Pakistan Drama Competition by GCU, Lahore
- UCP Dramatics Club won Best Direction Best Dancer, Best Choreographer & Best Social Award at performing Arts Competition by University College, Lahore
- IEEE UCP Student Chapter participated at "Project Expo'18" held at University of Lahore on 15th December, 2018 and secured first and third position in Robotics

Projects Display

- Student of UCP Business School Saad Ahmad and President Character Building Society won the Talent Gala High Achievers Award at Student Educational Expo Lahore on the basis of maintaining outstanding academic performance.
- UCP secured 1st Position in Solo Eastern Singing Competition organized by LGS Paragon, Lahore
- President of UCP ICC represented UCP in IOMUN, Romania (Romania International MUN) as Chair of the Conference
- President of UCP ICC represented UCP in ITUMUN, Turkey (Turkey International MUN) as Chair of the Conference
- President of UCP ICC represented UCP at 24th Model United Nations and served as Committee Director in (LGS EMEMUN'18, JOMUN'18, LEMUN'18, MUNIST, HASMUN, C'MUN, SAIMUN'18, UNISCA'18, PCYMUN'18, FORMUN'18, HITMUN'18, MMUN'18, GIMUN'18, CSMUN'18, CSBCMUN'18, AOMUN'18, HUMUN'18, MOMUN'18, BUMUN'18, NGSMUN'18, PAKMUN'18, CIMUN'18, CSMUN VII, INTERNATIONAL AFFAIRS CONFERENCE III, PNMUN III.

International Excursions

Like other proud traditions, UCP provides National and International excursion to Students. Students avail International exposure along with earning certified courses to excel their Communication as well as leadership skills. In the past UCP has visited UK, Netherlands, Germany, France, Australia, South Africa, Malaysia, Switzerland, Turkey, Italy etc.

Trip to Europe 2018

To break the hectic university routine, UCP Student Council organized an excursion trip to Europe. The Students visited Amsterdam, Paris, Geneva, Brussels and Istanbul from 16th to 26th September, 2018. Students explored these historical cities and traveled across beautiful landscapes. Educational trips to Van Amsterdam University and a boot camp at Okan University, Istanbul were thoroughly enjoyed by the students. UCP believes that International Excursions widen the mental horizon and exposure of the students.

National Trips

UCP Adventure Club organizes National Trips for UCP students to explore the beauty of Pakistan

Societies' External Participations

- HEC Sports Competitions
- International Tours
- BNU Bestival
- FAST Sports Challenge
- LUMS Olympiad
- Model United Nations
- Intervarsity Dramatics Competitions
- Intervarsity Parliamentary Debates Competitions
- Intervarsity Declamation

Competitions

- Business Plan Competitions
- Intervarsity Singing Competitions

Hierarchy

- **Prof. Tahir Ashfaq**
Director Student Affairs/
Chairman Student Council
- **Mr. Ahmed Bilal**
Manager Events & Activities
- **Mr. Syed Asim Ali Bukhari**
Assistant Manager Logistics
- **Mr. Shumail Khan**
Assistant Manager Student Council
- **Mr. Ahsan Raza**
Graphic Designer
- **Ms. Rabia Younas**
Coordinator, Centre of Excellence,
Chinese Language

Patrons & Societies

1. **Prof. Tahir Ashfaq**
The Ushers Club
2. **Mr. Hamad Ur Rehman**
The Catalyst Society
3. **Prof. Ayesha Sheeraz**
Debating Society
4. **Prof. Ayesha Kashif**
Dramatics Club
5. **Prof. Amina Rizwan**
The Entrepreneurial Club
6. **Prof. Amjad Hussain**
Inclusive Student Society
7. **Prof. Dr. Majid Gulzar**
Islamic Guidance Club
8. **Prof. Dr. M. Rafeeq**
Jehaad for Zero Thalassaemia &
Blood Donor Society
9. **Prof. Dr. Asim Karim**
Literary Society - Nom De Plume
10. **Prof. Shibli Mansuri**
Music Society – Plektra
11. **Prof. Hina Ali**

Movie Club

12. **Prof. Mariam Rao**
Nisa Society
13. **Prof. Madiha Hamid**
Photography Club
14. **Prof. Nabeel Khalid**
Society for Electronics and
Telecommunication (SET)
15. **Prof. Saba Javed**
Character Building Society
16. **Mr. Muhammad Nouman Azeem**
UCP Sports Club
17. **Prof. Dr. Huma Khan**
Ulrich's HR Forum
18. **Prof. Irfan Bashir**
Health Club
19. **Prof. Muhammad Irfan Ali**
UCP Media Club
20. **Prof. Dr. Rizwan Shad**
Society for Mechanical Engineering
(SME)
21. **Prof. Dr. Atif Mehdi**
Institute of Electrical and Electronics
Engineering (IEEE)
22. **Dr. Oumair Naseer**
Association of Computing Machinery
(ACM)
23. **Prof. Momina Nayyar**
Society of Psychology
24. **Prof. Bilal Muhammad Yasin**
Young Economists Forum
25. **Prof. Dr. Javed Iqbal**
Society of Life Sciences
26. **Prof. Dr. Karrar Haider**
International Crisis Chamber
27. **Prof. Shabana Naveed**
Disaster Management Society
28. **Prof. Khurram Hamid**
Marketing Association of Aspiring
Executives
29. **Prof. Fahad Anees**
UCP Adventure Club

30. **Prof. Muhammad Sohail Asghar**
Law Moot Society

31. **Prof. Irfan Qureshi**
Takhleeq

32. **Prof. Dr. Akram Tahir**
Society of Civil Engineering

33. **Prof. Javaria Qais**
Environment Protection Society

34. **Prof. Tahir Ashfaq**
Pak-China Society

Centre of Excellence, Chinese Language

- Keeping in view the importance of Chinese Language and CPEC, UCP has established Centre of Excellence which offers HSK Level I, II & III Chinese Diploma Programs. Chinese Consulate General, Lahore donated State of the Art Lab and Confucius Centre, University of the Punjab provides qualified Chinese Teachers.

Objectives of Centre

- To Initiate Chinese Language 3 credit hours program (HSK Level I) for all

faculties

- To start a Chinese language Diploma at UCP in collaboration with Confucius Institute
- To establish a Confucius class room with the help of Confucius Institute Punjab University
- To establish linkages between University of Central Punjab and Chinese Universities for Students, Teachers and Cultural Exchange Programs
- To establish cooperation with Confucius institutes in Pakistan and China
- To establish CPEC classroom for initiating seminars and project design required for CHINA PAK ECONOMIC COORIDOR

Achievements of Centre of Excellence, Chinese Language

- UCP has established Pak-China Society under the Center of

Excellence Chinese Language. This Society enjoys collaboration with Confucius Institute and Tsinghua University for Cultural Exchange Programs

- UCP Students were awarded fully funded Scholarship in 2016 and they completed Chinese Language Course from Guangdong Ocean University China. Similarly, 20 students have availed same scholarship in 2018
- 6 Students are currently completing their Master's degree in Mechanical Engineering at Guangdong Ocean University in China on fully funded Scholarship

1200 students have qualified their Chinese Language Diploma Programs Level I, II & III in 2016- 19, whereas UCP has also initiated 3 Credit hour Course of Chinese Language as a Foreign Language in its degree programs of Business School, Faculty of Media & Communication Studies and Faculty of Information Technology.



Sports Department



Mr. Arshad Sattar
Director, Sports

UCP has always promoted extra-curricular activities among the students and sports has always been given high importance when it comes to extra-curricular activities. UCP provides state of the art facilities to the sportsmen along with highly skilled supervisors and coaches that carve the path for them to achieve excellence and become champions tomorrow.

Some highlights of the sports activities include league tournaments of badminton, basketball, cricket, hockey, soccer, table tennis. Apart from on campus activities, students take an active part in intercollegiate tournaments such as cricket, badminton,

tug of war, table tennis etc. Not only in intercollegiate tournaments, UCP has also achieved prominent position in the history of Inter University Sports Championships and has retained HEC General Trophy for past Seven Years. This would be a sign of pride that most of the sports members of University of Central Punjab are representing Pakistan at National and International Level. UCP Sports Club makes sure that students at UCP are not just mentally healthy but also physically active through different sports activities. UCP Sports club also provides the membership of Gym facility, Swimming Pool and other Sports Facilities to the students each semester.

The Trophy Comes Home for the 7th Time!

Maintaining the legacy of winning, the phenomenal sportsmen of UCP clinched the General Trophy of HEC for the 7th time consecutively, beating 150+ Public and Private Universities of Pakistan, they also accomplished to win the All Pakistan HEC Intersports Championship 2017-18. This year, in the All Pakistan Higher Education Commission Sports Championship Competition, the University of Central Punjab secured 1st Position in 22 games, 2nd in 4 games and 3rd in 2 games and won 216 gold medals, 46 silver medals and 10 bronze medals, that helped them lift the trophy once again and set the record of becoming the 1st private sector University

to win the All Pakistan Intersports Championship for the seventh time in a row.

To cherish the great success, UCP organized the event "Trophy Comes Home" on 11th July, 2018. Mian Amir Mehmood, Chairman Board of Governors, Prof. Sohail Afzal, Executive Director PGC and Dr. Zafarullah, Pro Rector UCP awarded cash prize of Rs. 1,000,000/- among Muhammad Inam Butt, Tayyab Raza and Muhammad Bilal Butt, the winners of Commonwealth Games 2018 (wrestling) whereas cash prizes of more than Rs. 10,000,000/- were distributed amongst the players of HEC Sports Winners.





Samina Hafeez
Senior Manager
Career Services & Linkages

From Career Services Office to Corporate Sector

Universities, all over the world, believe in nurturing industry academia linkages as they realize that they cannot work in isolation and knowledge sharing is vital for progress. Sharing of ideas and knowledge always brings better results. Keeping this in view the Career Services Office plays a vital role in reducing the gap between academia and industry. UCP students are provided the opportunity to interact with professionals from the corporate sector.

The Career Services & Linkages Office at UCP holds a variety of activities related to the placement of students in the corporate sector. Our aim is to help students in their professional development and make them strong candidates so that they are the desired choice of potential employers.

A highly dedicated and professional team at UCP Career Services Office plays an important part in providing support to graduating and current students in making informed decisions about their future. Our focus is on career development and career education for students, helping them to discover their potential. Also teaching them to be responsible professionals who can meet the challenges at the work place.

Career Services Office - Structure and Functions:

The Career Services Office is responsible for placement of students in the job market for regular jobs and internships, placement of students at universities abroad for higher studies, explore scholarship opportunities for students, employer/University Relations, maintain Alumni Relations. Core Services/ Responsibilities As a centralized, comprehensive Career Services Office, this office is involved in a wide variety of programs including career planning services, experiential learning, employer relations and recruitment services, planning for higher studies, scholarships etc. The core services are listed as follows:

Career Development Ideally the career development of a student should start once he/she joins the university. Keeping this in view, the CSO team holds sessions on personal and professional grooming of students.

Career Advising and Counseling Career Counseling and Advising involves detailed sessions regarding the career choices. Enable students to have access to current and comprehensive career information as they explore and make career decisions.

Employer Relations Employers are both vital partners in the educational process and prime customers for university career services. Therefore, it is very important to ensure that relations between the university and potential employers are very strong and adequate services are provided to them.

On – Campus Recruitment Drives (OCRDR) The Career Services Office provides opportunities to students with on – campus recruiting. Information sessions are hosted at the university where potential employers provide basic information about their respective

companies and the positions they want to fill.

Sessions on Interview Skills This is a very important area and needs attention. Sessions on interview skills are held to help the students in handling questions asked in an interview. Mock interviews help graduating students in gauging the mistakes they may make during an actual job interview

The External Linkages unit at Career Services Office (CSO) works to support and strengthen the academic partnerships with foreign universities, institutions of higher learning corporate organizations and other related bodies.

1. External Linkages Unit Every year many graduating students from University of Central Punjab apply to international universities to pursue higher education. In this context, the External Linkages Unit provides

guidance to interested students to help them enrol in Masters and PhD programs at foreign universities. The study abroad chapter is subdivided into following areas:

Scholarship Opportunities Arranging for funding to pursue an international education is a major challenge faced by the students. To facilitate the funding requirements of students, CSO brings together information on major scholarship providers in support of global study and research opportunities. A study abroad resource corner is also

maintained at CSO for students to explore scholarship opportunities at different universities according to a country-wise segregation.

Education Fair 2018 To support this further, CSO organized the Education Fair in November 2018 at University of Central Punjab, where representatives from various universities were invited to provide information and counselling to students on the education system in their respective countries and scholarship opportunities available there.

2. MoUs signed with partner organizations The purpose of signing MoUs is to establish a strong link between two organizations in order to gain mutual benefits. In this context, University of Central of Punjab has signed MoUs with:

(i) International universities (ii) National universities & educational institutions (iii) Industrial & corporate organizations (iv) Research, commerce & technological institutes The detail of MoUs signed by University of Central of Punjab is:

Sr. No	MOUs	Date
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International Universities

1.	Xi'an International Studies University, China	19th December, 2018
2.	South Eastern Regional College, Northern Ireland	2nd May, 2018
3.	Arcada University of Applied Sciences, Finland	11th January, 2018
4.	Umm Al Qura University, Makkah, KSA	24th August, 2017
5.	Roslin Institute, University of Edinburgh, UK	21st March, 2017
6.	Gaungdong Ocean University, China	28th April 2016
7.	Qingdao Hengxing University, China	14th April 2016
8.	Yasar University, Turkey	30th May 2016
9.	Griffith College, Ireland	6th July 2016
10.	Virginia International University, USA	24th May 2016
11.	Skyline University College Sharjah	26th March 2015
12.	Istanbul Aydin University, Turkey	1st April, 2015
13.	Kastamonu University, Turkey	5th November, 2015
14.	Zirve University, Turkey	19th September, 2014
15.	Suleyman Sah University, Turkey	18th April, 2013
16.	Linnaeus University, Sweden	29th April, 2013
17.	University Tenaga Nasional Malaysia	13th September, 2013
18.	The University of East London	13th May, 2012
19.	Abu Dhabi University	5th November, 2012
20.	Gdansk Foundation for Management Development	12th December, 2012
21.	Girne American University	17th November, 2011

National Universities & Educational Institutions

1	The Islamia University of Bahawalpur (Faculty of Pharmacy & Alternative Medicines)	17th February 2014
2	Al-Khawarizmi Institute of Computer Science, UET, Lahore	28th February 2014
3	School of Biological Sciences, University of the Punjab	14th November, 2015
4	Jinnah Hospital Lahore	28th October 2016

Sr. No	MOUs	Date
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Industrial & Corporate Organizations

1	Pakistan Stock Exchange Limited (PSX)	15th February, 2019
2	Rural Community Development Programmes (RCDP)	29th December, 2017
3	Al-Baraka Bank, Pakistan	30th November, 2017
4	Zong CMPak	28th April, 2015
5	ALM Human Resources	20th February, 2015
6	Zakat & Usher Department, Govt. of Punjab	22nd December, 2015
7	Finca Microfinance Bank	12th June, 2014
8	Caliber Vantage Inc.	5th September, 2014
9	Kotler Impact Inc.	8th September, 2014
10	Premier Energy	8th November, 2014
11	Rotary Club of Lahore Crescent	26th September, 2013
12	Meezan Bank Limited	24th May, 2013
13	Ghost Software (Pvt) Ltd	5th October, 2010

Research, Commerce & Technological Institutes

1	Golden Ring Economic Forum (GREF)	18th January, 2018
2	Luminary Pakistan	28th December, 2016
3	International Supply Chain Education Alliance (ISCEA)	20th September, 2016
4	The Research Institute of Food Science & Technology, Iran	2016
5	Pakistan China Joint Chamber of Commerce & Industry (PCJCCI)	17th February, 2016
6	SAP SE	25th November, 2015
7	The Indus Entrepreneurs (TIE) Lahore Chapter	17th March, 2014
8	Global Research and Facilitation Council (GRFC)	22nd August, 2013
9	Pearl Continental Lahore	1st August, 2012
10	SME Business Support Fund	2011
11	National Testing Service	10th April, 2002



The UCP Alumni Association

The importance of Alumni/ Alumni Association is recognized by the management of the universities worldwide. We, at the Alumni Relations Office are committed to keeping the UCP alumni connected to the University by engaging them in various activities of the university. We hold meetings with alumni on a regular basis.

Senior alumni actively participate in the activities related to the grooming of students ranging from mannerism & etiquette to professional grooming i.e. CV writing, interview skills, writing a covering letter etc. Students get the opportunity to learn from the experience of alumni which is helpful for them later in their professional lives.

administration



Amjad Niaz
Director Administration

Administration Office

The office of Director Administration is tasked with coordinating daily operational functions, streamlining management systems, monitoring budgets and supervising property development & maintenance to ensure a safe and conducive learning environment at UCP Campus.

Superior organizational skills and strategic planning does assist in harmonizing operations, improving employee performance, organizing of people and resources efficiently so as to direct activities and energies towards common goals and objectives.

The following facilitation fall under

university administration purview at UCP:

i. UCP's modern state of the art architectural infrastructure, equipped with latest gadgets for advanced teaching, learning and research is kept fully operational and updated through effective and efficient logistic support

ii. University **Sports Complex** is

supervised and maintained for students, teachers and university employees throughout the year. All season swimming pool and state of the art gymnasium are its hallmarks

iii. **Daycare Center** for the kids of faculty members have been a great source of relief for those who do not have suitable support for their children

back at home. Manger Daycare Center along with a team of 7 members ensures happy stay for the kids at UCP while their parents are at work

iv. UCP provides an outsourced transport facility at very subsidized cost. A pool of 13 buses ply across the city throughout the day in addition to the shuttle service that remains up from 8:00 AM to 10:00 PM. Students are advised to contact Transportation Office for registration well before the commencement of their classes.

v. The UCP Administration with special focus on convenience, security and sanitation runs an **on-campus Girls hostel**. The Air Conditioned residence is managed by a female hostel superintendent with the support of 10 team members. Keeping in view the limited seats the students are advised to apply for the hostel facility

in advance. The seats are allotted on first come first serve basis.

vi. **Vigilance Committee** comprising of senior UCP officials ensures an atmosphere of order, peace, tranquility and equal opportunity for all. The complaints on account of misconduct are attended with due care and concern.

vii. **The Chief Security Officer** has a team of 175 trained personnel who remain vigilant on safety and security issues. For effective Security, periodical professional trainings are conducted in collaboration with govt. authorities.

viii. A special care is taken in managing all **food points** so as to provide hygienically fresh food at subsidized / approved rates. The vendors are bound to provide services as per

approved SOPs of Punjab Food Authority. The students and faculty members are encouraged to share feedback for improvement.

ix. UCP as a strong supporter of renewable energy for clean and green environment has taken the initiative of solar power generations and currently 1/3rd of the total electricity requirement is being met with by **solar power generation**.

x. UCP Administration, being an equal opportunity institution is committed in all areas to providing a work environment that is free from **harassment**. A behavior of offensive nature that demeans, humiliates or embarrasses a person, is taken as sheer violation of acceptable norms and is punishable under University Code of Conduct.

Graduates of 21st Convocation-2018



