



COMSATS University Islamabad

**UNDERGRADUATE
PROSPECTUS
2019-20**



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***Prof. Dr. Raheel Qamar, T.I.
Rector***

Greetings from the Rector

Welcome!

Today's world is changing inexorably fast. Computing speeds are now measured in Xenottabytes (1 000 000 000 000 000 000 000 Bytes) and Yottabytes (1000 000 000 000 000 000 000 000 Bytes). So unless we fiercely strive to keep pace with these breakneck changes of the modern-day world we would soon find ourselves becoming irrelevant. As such, how we learn and respond to the changing world around us is going to be most critical for our future successes. A safe and secure future therefore belongs to those making it now, and choosing the right higher education institution is going to be a pivotal decision you will make at this stage of your life. I therefore warmly welcome you to COMSATS University Islamabad, popularly abbreviated as CUI, a vibrant and exciting home to around 35,000 students.

CUI is rather short on history, chartered only in 2000, yet by grace of Allah is quite tall on achievements which makes it a natural destination of choice for the aspiring students. It offers the right learning environment, where every CUI student receives a personalized, transformative, and well-rounded learning experience. CUI presents a happy blend of excellence in teaching, research and engagement. At CUI students not only earn a degree of their own choosing but also a unique and exceptional learning experience. With close to 100 undergraduate and graduate degree programs to choose from students are mentored by over 2,650 faculty members of whom close to 1,200 have doctoral degrees earned from around the world. In fact, CUI stakes its claim to have a highly internationalized faculty body on this count.

The strength of our academic programs mainly lies in their rigor and quality independently assessed and certified by both national and international bodies which continually rank order universities nationally, regionally, globally, and based on different knowledge domains. CUI's ranking badges are interspersed throughout this Prospectus. However, briefly the Higher Education Commission (HEC) of Pakistan has been consistently placing CUI amongst the top five best universities in the country out of a pool of close to 190 universities. Internationally Times Higher Education (THE) of London in its most updated rankings has placed CUI among the world's top 601-800 universities; in Asia at 131st position; in the subject domain of Engineering & Technology among world's top 301-400 universities; in the Computer Science and Life Sciences among the top 401-500 and in Physical Sciences domain among the top 501-600 pool of universities. Shanghai Rankings has also ranked CUI 1st in Pakistan in 2018. CUI has also been recipient of two Global Good Governance Awards which include 3G Excellence in Higher Education Award 2019, and 3G Award for Research Excellence 2018.

CUI's track record of its faculty research publications in the internationally abstracted journals has also been phenomenal given its very brief history. With a most modest beginning of just 172 research publications in 2005, within one decade CUI became the first ever Pakistani university to break the psychological barrier of publishing more than 1,000 research papers in calendar year 2015 in the country; then went on to producing 1,500 publications in 2016; and most recently scaled above 2,000 research publications in the calendar year 2017 and 2,200 in 2018. It has also won 9 research awards at 6th HEC outstanding Research award 2018.

Let me therefore welcome you and wish you the very best during your stay at one of CUI's seven campuses dotted across Pakistan!

***Prof. Dr. Raheel Qamar, T.I.
Rector***

Table of Contents

Chapter 01: Introduction

Welcome to COMSATS University Islamabad	04
Authorities of the University	06
Mission	07
Achievements	08
Faculties, Departments and Centers	17
Academic Programs	19

Chapter 02: Campuses

Facilities at CUI Campuses	25
Islamabad Campus	27
Abbottabad Campus	33
Wah Campus	36
Lahore Campus	40
Attock Campus	43
Sahiwal Campus	45
Vehari Campus	48

Chapter 03: Academics

Faculties, Departments and Programs	52
Faculty of Information Sciences and Technology	52
Department of Computer Science	52
Bachelor of Science in Computer Science	52
Bachelor of Science in Telecommunication and Networking	52
Bachelor of Science in Software Engineering	53
Master of Computer Science	53
Faculty of Engineering	61
Department of Electrical & Computer Engineering	61
Bachelor of Science in Electrical (Electronics) Engineering	61
Bachelor of Science in Electrical (Power) Engineering	62
Bachelor of Science in Electrical Engineering	62
Bachelor of Science in Computer Engineering	63
Center of Advanced Studies in Telecommunication (CAST) at CUI Islamabad Campus	67
Department of Chemical Engineering	68
Bachelor of Science in Chemical Engineering	68
Department of Mechanical Engineering	69
Bachelor of Science in Mechanical Engineering	69

Department of Civil Engineering	70	Bachelor of Science in Physics	93
Bachelor of Science in Civil Engineering	71	Department of Bioscience	96
Faculty of Business Administration	72	Bachelor of Science in Bioinformatics	96
Department of Management Sciences	72	Bachelor of Science in Biosciences	97
Bachelor of Science in Business Administration	72	Bachelor of Science in Food Sciences and Nutrition	97
Bachelor of Sciences in Accounting & Finance	73	Department of Environmental Sciences	100
Bachelor of Business Studies	73	Bachelor of Science in Environmental Sciences	101
Master of Public Administration	74	Bachelor of Science in Biotechnology	101
Master of Business Administration (Executive 2-Years)	74	Department of Pharmacy	104
Department of Economicss	78	Doctor of Pharmacy	104
Bachelor of Science in Economics	78	Center of Drug Research	105
Master of Economics	79	Department of Earth Sciences	106
Department of Development Studies	80	Bachelor of Science in Geology	106
Bachelor of Science in Development Studies	81	Bachelor of Science in Geophysics	107
Master of Development Studies	81	Department of Statistics	107
Department of Humanities	82	Bachelor of Science in Statistics	108
Bachelor of Science in Psychology	83	Faculty of Architecture and Design	109
Bachelor of Science in Media & Communication Skills	83	Department of Architecture	109
Bachelor of Science in English	83	Bachelor of Architecture	109
Master of Arts in English	84	Bachelor of Design	110
Faculty of Science	86	Bachelor of Interior Design	111
Department of Mathematics	86	Department of Heritage & Cultural Studies	112
Bachelor of Science in Mathematics	86	Chapter 04: Admissions and Contacts	
Master of Mathematics	87	Application Procedure	114
Department of Physics	92	Financial Support	116
Bachelor of Science in Electronics	92	International Students	117
		CUI Campuses Map Guid	119
		Contacts	120

A black and white photograph of a man in a dark suit, white shirt, and dark tie. He is pointing his right index finger towards the word 'INTRODUCTION'. The word is written in a large, bold, black, hand-drawn style font. A horizontal line is drawn under the word. The background is a plain, light-colored wall.

INTRODUCTION

Chapter 1: Introduction

Welcome to CUI

CUI began its voyage in the midst of challenges posed by the ever growing demands emanating from the changing environment in the global economy. The trends in the world economy were marked by the phenomena of diversification, relocation, mergers, restructuring, outsourcing, ever-increasing product market competition and deregulation of markets; and the new era of Internet and Information Technology was driving and forcing every nation on the planet to innovate, transform and evolve itself to changing conditions. In this emerging scenario, organizations were driven to continually improve their performance by reducing costs, innovating products and processes, and improving quality, productivity and speed to compete the market effectively.

Human resources were increasingly being taken as the major and essential asset of countries and multinationals. A skilled and well trained human resource adept with the new techniques of Information Technology (IT) applications was becoming the norm and a necessary accompaniment. Pakistan was no exception and there was a dire need to establish a reputable Information Technology Institute to cater the demands of the changing times. As IT applications were non-existent and only insignificant vendor industry existed in the country, the young, aspiring and ambitious students in Pakistan found scant facilities for quality IT education. Hence the establishment of CIIT, with the primary objectives of providing quality education and training in the field of Information Technology, became a necessity. CIIT became functional in April 1998, and started operating in a rented building of the erstwhile University Grants Commission (Now Higher Education Commission).

CIIT was launched with the initial hiring of system assistants, programmers and other professional staff. The certificate

courses began in August 1998. A website was also developed to mark the arrival of CIIT on the scene. In 1999, post graduate diploma in computer science was started. These courses were aimed to train qualified engineers, scientists and graduates. The diploma course enabled the students to play a productive role in the IT market. The campus began these pioneering courses, working in a single lecture room and one computer laboratory with 16 computers. At the arrival of the second batch another office was hired from the National Institute for Science and Technical Education. Permanent and visiting teachers were hired for the purpose of running these courses. Moreover, CIIT assembled and groomed a core group of professionals specializing in customized software solutions to industry and commerce.

The year 1999 marked the beginning of regular classes in Bachelor of Science in Computer Science, Bachelor of Science in Computer Engineering and Master of Software Engineering. CIIT was affiliated with Sir Syed University of Engineering and Technology, Karachi. Admissions were announced and the faculty was hired side-by-side. Professional short courses were also introduced to build competence in implementing new technologies. These courses were designed and structured to fuse IT innovatively with the business industry to create and sustain competitive advantage.

In August 2000, infused with success, CIIT earned for itself a degree awarding Charter from the Government of Pakistan. Wah and Abbottabad Campuses were established in June 2001. Lahore Campus followed in March 2002. In August 2002, all departments were moved to H-8 Campus in Islamabad. The Attock Campus was established in April 2004, followed by Sahiwal Campus in December 2006,



Vehari Campus in August 2008 and Virtual Campus started its classes in 2012. Within the initial years of its establishment, CIIT's latest course structure, state-of-the-art facilities and dedication to quality started to make ripples in the IT education sector. The result of this has been an overwhelming demand that is being satisfied with the establishment of new Campuses. The work on establishment of more campuses is in progress particularly in the province of Sindh and Balochistan. In addition to this, on the advice of the Federal Government, efforts are also underway for opening an overseas campus in the Gulf region.

Thus, with the modest beginnings, CUI has gradually placed itself in an enviable niche among the higher education institutions of Pakistan. Today it comprises of eight

campuses in different cities including a distance learning campus, six faculties and 20 departments, offering around 100 degree programs in a wide array of disciplines to its current and prospective students. Its ranking in the top Institutions of higher learning in Pakistan is a distinction, CUI is proud of it.

CUI is aware of its responsibilities and is making every effort to keep its academic excellence and research top notch. It has inked various Memoranda of Understandings for different educational and research purposes, where its young faculty and students alike are benefiting from the world class universities. These efforts in turn benefit Pakistani society where a rich pool of its human resource is being developed to make the dreams come true, envisioned by the founding fathers of CUI.



Authorities of the University

CUI functions under the following three authorities:

Senate:

Senate is responsible for the governance of the University and the Chancellor is the chairperson of this body. The Senate has general supervision over the University and holds the Rector and the Authorities accountable for all the function of the University.

Syndicate:

The syndicate is the executive body of the University and exercise general supervision over the affairs and management of the university. The rector is the Chairperson

of the syndicate.

Academic Council:

The academic council is the principal academic body of the university. It lays down proper standards of the instruction, research and examinations and regulates and promotes the academic life of the University and the colleges. The Rector is the Chairperson of academic council.

Mission

CUI, founded in the belief that understanding enriches all people, is dedicated to the search for truth through advancement of learning and extending the frontiers of knowledge; to the sharing of this knowledge through education in an academically diverse range of disciplines; and to the application of this knowledge for the benefit of the people of Pakistan in particular, and the Muslim Ummah and the world, as a whole. The Institute's mission is threefold:

➤ Research and Discovery

Generate and preserve knowledge, understanding, and creativity by instigating enquiry, conducting high-quality research, and promoting scholarship that benefit students, scholars, and communities across the country, Muslim Ummah, and the World at large.

➤ Teaching and Learning

Share that knowledge, understanding, and creativity by providing a broad range of educational programs among a diverse community of teachers and taught, and prepare professional graduate, and undergraduate students, as well as non-degree-seeking students interested in continuing education and lifelong learning, for active roles in competitive and culturally diverse environments.

➤ Outreach and Public Service

Extend, apply, and exchange knowledge between the Institute and society by applying scholarly expertise to intellectual, social and technological problems, by helping organizations and individuals respond to their changing environments, and by making the knowledge and resources created and preserved at the Institute accessible to the citizens. Using the resources of its multiple campuses in an integrated fashion, the Institute vies to strengthen the services to the state through educating a modern work

force, and through research and development, production of goods and services, technology commercialization, and partnership with businesses, government and community groups.

In all of its activities, the Institute strives to sustain an open exchange of ideas in an environment that embodies the values of academic freedom, responsibility, integrity, and cooperation; that provides an atmosphere of mutual respect, free from discrimination and prejudice on any ground; that assists individuals, institutions and communities in responding to a continuously changing world; that is conscious of and responsive to the needs of many communities. It is committed to serving; that creates and supports partnerships within the Institute, with other educational systems and institutions, and with communities to achieve common goals that set high expectations for and empower individuals within the community.



Achievements

International Office

As the journey continues, the Institute's commitment in transforming it into an excellent institution of academic learning and research is unyielding. With regard to this, we have devised strategies for promoting greater international exchanges to overcome the upcoming challenges in higher education. We are committed to achieve our goals and for this purpose, an International Office has been established.

The International Office is responsible for initiating, negotiating, and sustaining international dialogue with counterpart education and research institutions with the ultimate objective of entering into mutually beneficial collaboration, resulting into faculty development, training opportunities and collaborative research endeavours. Its agenda is to promote a multi cultural and globally aware environment.

Linkages with National and International Institutions

The CUI in its brief history of fifteen years has made landmark achievements by signing more than 150 Memoranda of Understanding (MoUs) with national and some of the world's renowned educational institutions. The



nucleus rationale of getting into linkages is to encourage exchange of students and faculty to pursue higher education, to organize joint conferences, workshops and seminars, to arrange joint research activities, to work out on staff development programs and other academic related activities.

Quality Enhancement Cell

The Quality Enhancement Cell (QEC) at CUI was established in 2006 to strengthen the internal quality assurance mechanism as well as to adopt the external quality assurance mechanisms introduced by the HEC for HE institutions. The tasks of QEC include commencing and following systematic standard for monitoring and evaluation of the various aspects of all degree programs, all projects, services, or facilities, extended by the CUI. In this way the QEC ensures that standards of quality are strictly met as per quality standards specified by Quality Assurance Agency of Higher Education Commission (HEC), Government of Pakistan.

The Quality Enhancement Cell at CUI is now fully dedicated to strengthening Quality Assurance (QA) processes and implement Quality Enhancement (QE) processes that would help establish, sustain and enhance academic richness, quality-centricity, innovative research, scholarship opportunities and exemplary administration for national & international standards. The implementation of high-quality international standard is imperative to meet the international challenges shall continue with new spirit and enthusiasm to hoist CUI flag higher in the world and looking ahead to see CUI Pakistan in top 100 universities of the developing world and among top 500 world universities in the future.

QEC is successfully achieving **highest “W” category** at national level from HEC in yearly Progress Report (YPR)

continuously from the last 05 years and amicably cultivated the quality culture at all levels in CUI system. It is expected that QEC will continue with the same achievement by obtaining “W” category in the future years of come.

Quality Assurance and Assessment Process (QAAP):

The Quality Enhancement Cell (QEC) is conducting the Quality Assurance and Assessment Process (QAAP) exercise across CUI. QEC managed awareness/ training sessions and workshops and conducted the systematic process of gathering, reviewing and using important quantitative and qualitative data and information for improving CUI academic program throughout the system in all CUI campuses. It has overall completed Self-Assessment process of 120 programs at 7 campuses for CUI. QEC has achieved the target of completing assessment of 120 programs (82 %) across the CUI system. Currently QEC CUI is working on achieving the target of 100 % Assessment of all academic programs offered by CUI in all campuses.

Institutional Performance Evaluation By HEC

Institutional Performance Evaluation (IPE) initiated by HEC to evaluate institutions against quality standard set by them is meant to ensure that all academic and administrative parameters and systems to focus at quality education at the institutions. The IPE of CUI Process includes, development of University Portfolio Report (UPR) on IPE Standards. Preparation of the campuses for the HEC Review Panel's visit. Collection of relevant information from all departments of all Campuses. Preparation of evidences in line with UPR, logistical arrangements for the visit of IPE review Panel of HEC, accompany / assist the HEC-PE Team and coordinate between the HEC Team and the departments being visited / evaluated. QEC CUI is awaiting the upcoming HEC IPE visit, which is an annual activity, and is expected to be conducted before June 2019.

HEC National Rankings of CUI

The QEC annually provides the CUI's best practices and quality data along with evidences to the HEC for National Universities Ranking of CUI. Consequently, in the previous years, the CUI proudly has been ranked No.1 in the Computer Science and Information Technology and No.3 in Research Output and ranked at No.3 in General Universities category and No. 06 in Overall Category at National level and placed in the list of top 5 & top ten ranking of Universities in the country.



MS & PHD Programs Review by HEC and Self-Review of MS & PHD Programs by QEC

To ensure the quality of Graduate level programs, CUI took the initiative of starting MS & PhD Progress Review Process at CUI all Campuses. The QEC has successfully completed the Self- MS/PhD review of 05 programs during 2018. It is expected that this year QEC will complete the self-review of all graduate programs.

Best University Teacher Award By the HEC

The Higher Education Commission confers “Best University Teacher Award” to encourage and recognize the contributions of outstanding university teachers in their relevant fields and to acknowledge their achievements. The activity is taken up by the QEC for CUI faculty members to improve their efficiency to enable and meet the challenges of international competition in higher education sector.



COMSATS UNIVERSITY Islamabad

Quality Policy

COMSATS University Islamabad (CUI) aspires to impart education and scholarship of the highest standards; to extend the frontiers of knowledge; and to prepare individuals for life, work and leadership. CUI commits to pursuit of inquiry and research, advancement of science, art and liberal education - all directed towards the service of humanity and other inhabitants of this planet. CUI further resolves to draw the best from academics, students and staff to perform to the highest possible universally acknowledged quality standards.

Raheel Qamar
3/8/18

Rector
Prof. Dr. Raheel Qamar, T.I.



CU/QEC/QP/01/Rev#02

ISO QMS Certification

The Quality Enhancement Cell beside the HEC's guidelines and criteria of implementing and practising the Quality Assurance and Assessment Processes also has adopted other well recognized international standard of Quality Management System i.e. ISO 9001:2008 which also helped to improve the Quality Assurance practices at all campuses of the CUI. CUI is successfully maintaining the ISO 9001:2008 QMS Standard since August 2011 by adopting all parameters of the said standard and it's all seven campuses have ISO Certified since January 2018. QEC conducted successful annual surveillance audit and in February 2018, the CUI has obtained the Certificates for all campuses for the revised version of ISO 9001:2015 for the next 3 years tenure from January 2018 to January 2021.

Research, Innovation and Commercialization

The Office of Research, Innovation and Commercialization (ORIC) is aimed to transform pure knowledge into products and production processes with ultimate goal to give the research spectrum a more vibrant and strong stature. After receiving the intimation regarding establishment of ORIC, CUI transformed the Research and Development Division into ORIC in March

2011, with some administrative modifications as per the requirements of HEC for establishing ORIC. The result is that now CUI has a fully functional and operational ORIC setup at the Principal Seat.

Realizing the acute shortage of highly qualified researchers and scientists and to enhance research culture among the CUI Faculty, the Research and Development (R&D) Division (Currently ORIC) was established in January 2005 in COMSATS Institute of Information Technology (CUI). From its very inception, the R&D Division under the dynamic and visionary leadership of the Rector, CUI is playing an active and vital role to enhance and encourage the CUI Faculty to contribute and share in promoting the research activities by submitting their research proposals in all the disciplines. The mission of the ORIC is to establish a strong research culture, commercialization and innovation within a dynamic, efficient and effective team of scientists and researchers and to motivate them to play an active role to plan, strategize and to materialize the vision and mission of the CUI. In addition, the ORIC welcomes and creates good working relationship with other higher learning institutions, industries and donor agencies especially HEC, PSF, British Council and ICT R&D Funds etc. in the activities that can enhance entrepreneurship, academic and research excellence. It also focuses towards achieving technological competitive edge and a world class status for the CUI.



Research Output:

At CUI, faculty members and students are quite active in research in their respective fields. To encourage the research environment at CUI, the management facilitates the faculty and students by providing facilities and incentives. The total number of research articles published by CUI faculty till 2018 are 11,361. CUI is the only Institute which has crossed the milestone of 2,000 impact factor publications in one year (2018). The detail of research publications year-wise is as under:

Year	Research Papers
2005	31
2006	97
2007	140
2008	183
2009	378
2010	383
2011	707
2012	603
2013	940
2014	907
2015	1,263
2016	1,500
2017	2,029
2018	22,00
Total	11,361

National Testing Service

The National Testing Service was established in July 2002. The prime objective of NTS is raising the overall quality of education in the country through credible and technically appropriate and accurate systems of performance and skills evaluation for students of various educational institutions at different levels, including testing for employment and for scholarships at advanced levels of education.

Chapters of International Organizations in Pakistan

CUI has also been successful in establishing a number of chapters of international organizations in Pakistan. Currently, the following initiatives are being pursued by CUI:

➤ Edward De Bono Foundation Pakistan:

This is an internationally recognized organization, which is committed to the promotion of teaching and training of 'thinking' skills at all levels, and to encourage the inclusion of 'thinking' as part of the curriculum.

➤ Inter Islamic Network on Information Technology:

The Inter Islamic Network on Information Technology (INIT) has been established in pursuance of the decision by the COMSTECH taken in February 2002. The INIT is an independent, self-governing organization working for utilizing, directing, and encouraging the use of Information and Communication Technologies and associated systems among the OIC member states. The INIT has been operational at CUI since June 2002.

➤ Catalyzing Role

The CUI, although relatively young, has highly competent and dedicated professionals working for it, who continue to play a critical catalyzing role in conceiving new initiatives, which have gelled into successful projects. Some of the initiatives that have become full-fledged programs/projects

were the launching of the Virtual University (2002), National Institute of Electronics (2002) and ISESCO Center for promotion of Scientific Research (2004).

Projects Undertaken

CUI has facilitated initiatives undertaken by the Government of Pakistan for skills and human resource development. A few of these projects include Training of Data Entry Operators, Medical Transcription Training, Legal Transcription Training, IT Training for Federal Government Employees, Training of School Teachers, Training Developers in Java Technology, and Postgraduate Diplomas for Students from Baluchistan.

IT Faculty Hiring Program

The CUI collected data from the public and private sector universities for human resources needs in IT and simultaneously established linkages with expatriate faculty through public solicitation and informal contacts. The services of highly qualified IT faculty were acquired on short term and were placed in different universities of Pakistan. It helped to provide access to quality instruction, new insights into the discipline and research trends in IT and strengthened relationships between local and expatriate faculty. The program has been so successful that the Government of Pakistan has approved a much larger foreign faculty hiring program in other fields of Science and Technology, at the Higher Education Commission.





Establishment of CISCO Academies

The Ministry of Science and Technology taking benefit of CUI being a Regional CISCO Networking Academy has launched a project for the establishment of ten CISCO Local Networking Academies in public and private sector universities. The initiative has been successful in newly established networking academies, spread across the country.

Technology Resource Mobilization Unit

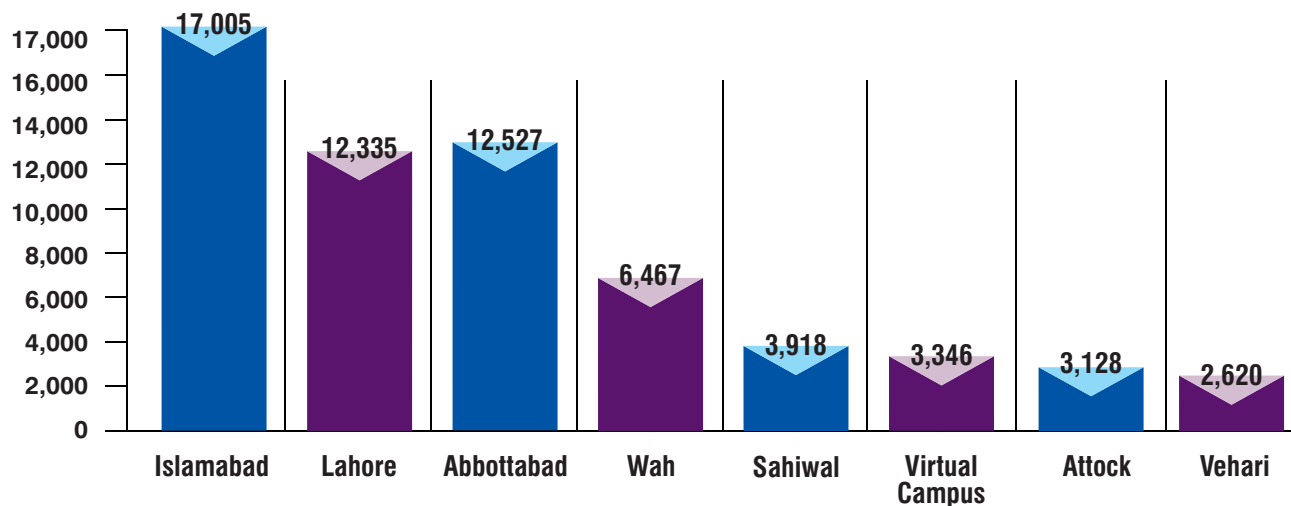
Taking benefit of intellectual resource available at CUI, the Ministry of Science and Technology instituted an arrangement for establishing and hosting think tanks in selected areas of IT. The areas were selected on the basis of

their relevance to the national economy and mobilized technical expertise of private and public sectors. The program also facilitated outreach for the promotion of IT and helped the government and civil society alike in deploying IT for gainful purposes. The think tanks were instituted in the areas of Accreditation System for Education in IT, Computers in Schools, Call Centers, IT Law forum, Geographical Information Systems, Urdu and Regional Languages Software Development, Venture Capital, E-government, Women in Technology, Computer Hardware and Telecommunication Manufacturing in Pakistan, Simulation Software, Industrial Automation CAD/CAM/CAE, and Model IT Districts.

Convocations

So far 61,346 students have been successfully graduated from eight campuses of CUI as shown in below chart:

Campus-Wise Graduates



Rankings

Since its inception, independent entities have evaluated CUI and the quality of its programs, such as the Higher Education Commission (HEC), Pakistan Engineering Council (PEC), National Computing Education Accreditation Council (NCEAC), Pakistan Pharmacy Council (PPC), and the Institute of Scientific Information (ISI) Web of Knowledge. It is a matter of pride for the CUI that it has been able to record remarkable achievements in terms of ranking of its Engineering degree programs as well as research productivity of the faculty members.

In the newly announced international rankings, CUI yet again nailed its position as one of the leading Institutions for higher education. CUI is ranked # 301-400 in 2018 Times Higher Education (THE) Engineering & Technology subject ranking, # 401-500 in Life Sciences & Computer Science and 501-600 in Physical Sciences subject ranking. While in THE world universities rankings, CUI has been placed among 601-800 world best universities, and ranked 1st in Pakistan. Moreover, it was ranked 137th in THE Emerging Economies Rankings 2019, 125th in THE Asian University Rankings 2018, and was among 150-200 THE top young world universities 2018.

The CUI was also ranked among 751-800 world best universities as per QS World Universities Rankings 2019. The Institute has also been ranked 135th in QS Asian Universities Rankings 2019. In addition, CUI was also ranked first in Pakistan and amongst 601-700 ranked university of the world by Academic Ranking of World Universities (ARWU) prestigious Shanghai Rankings 2018. Besides, CUI has also been recipient of two Global Good Governance Awards which include 3G Excellence in Higher Education Award 2019, and 3G Award for Research Excellence 2018.

Another achievement for CUI was when HEC ranked it at number 03 in Pakistan in General Category in 2016. The contribution of CUI in research is evident from the fact that it published more than 2000 impact factor publications in 2017 (the only university in Pakistan), and 2200 in 2018. It has also won 9 research awards at 6th HEC Outstanding Research awards 2018, has secured 4 projects out of 10 for funding under Pakistan Science Foundation (PSF) and Ministry of Science, Research and Technology (MSRT), Iran call of proposals. This success is a manifestation of its undeterred commitment and has led to an unprecedented number of applicants for securing admission in CUI every year. CUI also holds the privilege of being ranked at # 1 during 2018 based on nature index.

Earlier in 2012, CUI was ranked as number one (1) university of Pakistan in Computer Science and IT among all 132 universities of Pakistan. This ranking was announced by HEC based on QS ranking format and for enhancing Quality and Research based Rankings of Pakistani Higher Education Institutes.



Rankings



Among 601-800 in world universities



Among 301-400 in 2019 Times Higher Education (THE) Engineering & Technology subject ranking



Among 401-500 in 2019 Times Higher Education (THE) Life Sciences & Physical Sciences subject rankings



Among 501-600 in 2019 Times Higher Education (THE) Physical Sciences Subject Rankings.



Ranked 137th in THE Emerging Economies Ranking 2019



No. 1 Among all Pakistani Universities and amongst 601-700 ranked universities of the world by academic Ranking of World Universities (ARWU) prestigious Shanghai Ranking 2018



Among 751-800 world Best Universities in QS World University Ranking 2019



No. 135 Quacquarelli Symonds (QS) Asian University Ranking 2019



3 Stars rating out of a total of 5 by QS Star Rating System 2013

Faculties, Departments, and Centers

So far, the following 06 Faculties, 20 Departments and 08 Research Centers have been established under the provision of Section 26(1) of the CUI Ordinance:

Faculty of Information Sciences and Technology

- Department of Computer Science
- Department of Health Informatics

Faculty of Engineering

- Department of Electrical and Computer Engineering
- Center for Advanced Studies in Telecommunication (CAST)
- Department of Chemical Engineering
- Department of Mechanical Engineering
- Department of Civil Engineering

Faculty of Business Administration

- Department of Management Sciences
- Business Incubation Center (BIC)
- Center for Policy Studies (CPS)
- China Study Center (CSC)
- Department of Development Studies
- Department of Humanities

Department of Economic

- Department of Economics





Faculty of Science

- Department of Mathematics
- Department of Physics
- Department of Bio-Sciences
 - Inter disciplinary Research Center in Biomedical Materials (IRCBM)
 - Energy Research Center (ERC)
- Department of Environmental Sciences
 - Center for Climate Research and Development (CCRD)
- Department of Earth Sciences
- Department of Meteorology
- Department of Chemistry
 - Center of Advance Drug Research (CADR)
- Department of Pharmacy
- Department of Statistics















































Faculty of Architecture and Design



















































- Department of Architecture

Faculty of Health Sciences

Academic Programs

CUI is a world-class institution of higher learning with multi-campusess across the country. It aims to benefit the youth of various regions and to provide opportunities to the students to opt for location of their preference. The CUI has its Principal Seat in Islamabad and seven fully functioning campuses at Islamabad, Wah, Abbottabad, Lahore, Attock, Sahiwal, and Vehari together with its Virtual Campus. Presently, the University in the respective campuses offers the following undergraduate degree programs:

#	Academic Programs	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
Bachelor of Science in								
1.	Accounting & Finance							
2.	Bioinformatics							
3.	Biotechnology							
4.	Biosciences							
5.	Business Administration							
6.	Chemical Engineering							
7.	Civil Engineering							
8.	Computer Engineering							
9.	Computer Science							
10.	Development Studies							
11.	Economics							
12.	Electronics							
13.	Electrical Engineering							
14.	Electrical (Electronics) Engineering							
15.	Electrical (Power) Engineering							

#	Academic Programs	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
16.	Environmental Sciences							
17.	Food Sciences and Nutrition							
18.	Geology							
19.	Geophysics							
20.	Mathematics							
21.	Mechanical Engineering							
22.	Physics							
23.	Psychology							
24.	Software Engineering							
25.	Statistics							
26.	Telecommunication & Networking							
27.	Media and Communication Studies							
28.	English							
Bachelor of								
29.	Architecture							
30.	Business Studies							
31.	Design							
32.	Interior Design							
Master of								
33.	Business Administration (Executive, 2-years)*							
34.	Computer Science							

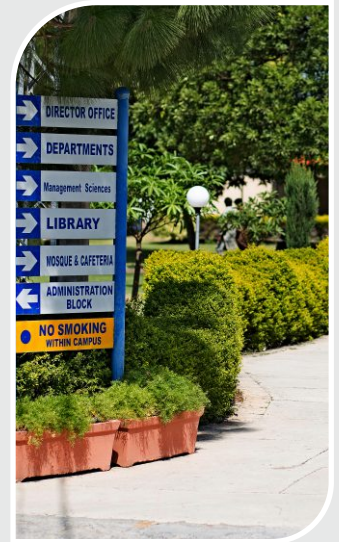
*subject to approval from concerned statutory body



#	Academic Programs	Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
35.	Development Studies		🎓					
36.	Economics							🎓
37.	English							🎓
38.	Mathematics					🎓	🎓	
39.	Public Administration			🎓		🎓		
Doctor of								
40.	Pharmacy (Pharm-D)		🎓					



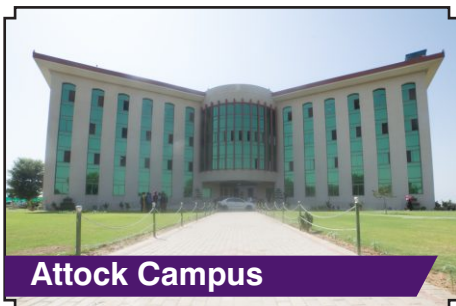
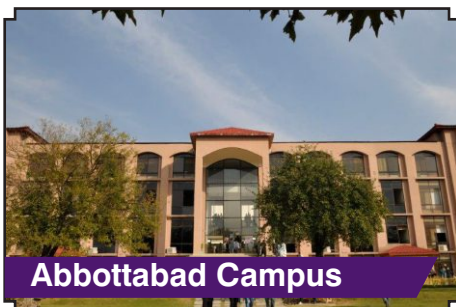
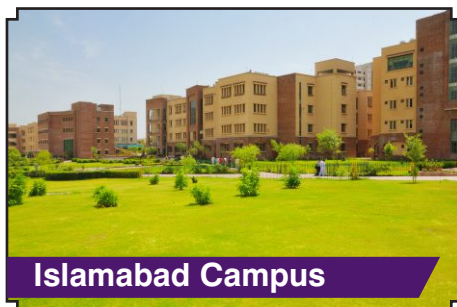
Undergraduate Prospectus 2019-2020



Chapter 2 Campuses

The COMSATS University Islamabad (CUI) offers its students a wide array of study programs at its eight campuses across the country. Currently 34,825 students are enrolled in the Bachelor, Master, MS and PhD programs at CUI. The CUI has highly qualified faculty, trained staff, adequately stocked library resources and latest research infrastructure and facilities.

At present eight campuses, including a Virtual Campus, are functioning at:



The work on establishment of more campuses is in progress particularly in the provinces of Sindh and Baluchistan. On the advice of the Federal Government, efforts are underway on the opening up of an overseas campus in the Gulf region as well.

Facilities at CUI Campuses

Lecture Rooms

All CUI campuses have spacious lecture theatres which are IT enabled, air-conditioned, well furnished, and well maintained.

Laboratories

CUI has deployed state-of-the-art IT infrastructure in all the laboratories of its campuses. Availability of top notch equipment and computers in the laboratories is a prime example of CUI's commitment to providing its students with optimum learning facilities. All workstations are networked to CUI's LAN and a high bandwidth connection provides connectivity to internet round the clock.



Library

The libraries at CUI are spacious, well planned, and offer tranquil environment. They are richest information resource centers for the students. The libraries house an open shelf collection that includes books, films, CDs, journals and newspapers. The library staff provides one-on-one training and group instruction. If students need help in finding books, identifying authors or titles, the library staff is always available to assist.

Students also have complete access to online books and high quality, peer-reviewed journals, conference proceedings and articles through 21 different online databases under the HEC's National Digital Library Program. Students and faculty can access these resources from inside and outside the campus through VPN.

The e-books support program allows researchers to access most of the important text and reference books electronically in a variety of subject areas. Apart from this more than 15,000 e-books and video lectures on different subject areas are currently available on the CUI E-Library which is in an ever-growing/developing stage and will become more and more exemplary/perfect with the passage of time.

An inter-library searching option is also available in the library. Users can search material available in the libraries of different campuses of CUI, through Union Catalogue, and can request for desired literature from them. Users can request library staff to help them in getting their required literature from other libraries through inter-library loan.

Libraries provide facility for international lending and photocopying service through British Library Document Supply Center in UK and Library of Congress in USA. This service provides users an opportunity to access books, journals and information resources which are not available locally. They also provide facility of photocopying for those items which are within the provisions of the Copyright Act.

Hostels

All CUI campuses have the hostels facilities. It is prime concern of the Institute to provide students a home away from home with all the necessary facilities.



Common Room for Girls

To facilitate the female students, the campuses have established spacious and comfortable common rooms. This provides female students with a place to relax, offer prayers, study, have informal discussions in free time available. Daily newspapers, magazines, periodical and journals are available for leisure reading.

Cafeteria

A food-street style catering service consisting of shops and kiosks having a wide range of quality snacks and meals, at

modest prices, is available throughout the day on CUI campuses. Students can relax and enjoy their breaks over a cup of coffee or tea.

Mosque

All campuses have mosque to offer regular prayers.

Photocopying Facility

The photocopy centers are working on subsidized rates. They also provide the facility of spiral binding, stapler binding and hard binding.



Islamabad Campus

CUI Islamabad was established in 1998 to promote Information Technology and to reduce the ever-growing gap between the developed and developing world through useful applications of science and technology. During the first year of its establishment, the Institute offered only a few certificate courses and a postgraduate diploma in computer studies with a single class room and limited resources. Islamabad Campus of CUI is situated at Chak Shahazad, Islamabad. Currently 9,397 students are enrolled in various degree programs at this Campus.

Islamabad Campus provides what a discerning student is looking for in a learning environment, academic excellence, quality teaching, and constructive leisure activities. We appreciate that it is crucial for today's student to work in a physical environment conducive to study. Here the faculty not only teaches but mentors the young and impressionable minds. The newly built campus is fully equipped with facilities of international standards. It is a marvel of modern architecture surrounded by a lush green environment and peaceful surroundings.



Academic Programs

The following undergraduate programs are being offered at Islamabad Campus:

Bachelor of Science in:

1	Accounting and Finance	BS (A&F)
2	Bioinformatics	BS (BI)
3	Biosciences	BS (BS)
4	Business Administration	BS (BA)
5	Computer Engineering	BS (CE)
6	Computer Science	BS (CS)
7	Economics	BS (Eco)
8	Electronics	BS (Elec)
9	Electrical Engineering	BS (EE)
10	Electrical (Electronics) Engineering	BS (EEE)
11	Mathematics	BS (Math)
12	Physics	BS (Phy)
13	Psychology	BS (Psychology)
14	Software Engineering	BS (SE)

Bachelor of

15	Architecture	B. Arch
16	Business Studies	BBS
17	Design	B. Des

Master of

18	Business Administration (Executive, 2 Years)	MBA (Exe)
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Extra-Curricular Activities

Extensive extra-curricular activities are a way to soften tough and grilling academic rigor. It also provides opportunities to make new friends. Islamabad campus is very active in extra-curricular activities, as would be clear in the following paragraphs.

Adventure Club

The Adventure Club organizes adventurous activities for students. The activities include excursions, hiking and trekking, visits to historical places, hill stations and geological sites. Here the adventurous will find good company to give vent to their unbridled spirits.

Bazm-e-Adab

Public speaking is a rewarding art that one acquires through sheer practice. The objective of having the Bazm-e-Adab is to create interest in public speaking in the students by instilling in them confidence, self-assuredness and enhancing presentation skills. Each semester, members take part in intramural and external competitions and events.

Computer Science Society (CSS)

Computer Science Society was established to provide a platform for CUI students to keep themselves updated with



developments in the computing industry. For this purpose, software competitions and seminars are organized regularly. Our students are encouraged to acquire new skills by attending workshops and short courses in contemporary computing areas. Members have brought back several prizes won at competitions, held in other institutions.

Dramatics Club

An exciting variety of musical programs, exhibitions and dramas are organized by Dramatics Club, throughout the year. This provides fun time for students.

Electronics Society

Electronic Society provides opportunities to students to take part in internal, regional and national activities. It aims to develop the concepts of our students by linking theoretical knowledge to practical experience by executing many activities that are part of the Society's function. This greatly helps our students to carve a niche for themselves in the market as professionals. The Electronics Society also organizes industrial visits as well as exhibitions to display electronics projects of the students.

English Literary Society

Effective speaking skills combined with sound knowledge are key ingredients to professional success. Providing

assistance to students in developing English Language skills is the main objective of our English Literary Society, which is very active in various English language and literary activities on campus.

Fine Arts and Photographic Club

The Fine Arts and Photographic Club was formed in 2001 to enhance the creative skills of students and develop their aesthetic sense. The Club focuses on sketching, poster painting, portraits, landscapes and photography.

Sports Club

Sports Club arranges all sorts of sports competitions to channel boundless energies of our students. It provides opportunities for sports enthusiasts to share their interests and participate in events. Sports Club organizes tournaments in Cricket, Football, Badminton, Table Tennis, Hockey and Athletics, etc. Besides regular sports activities in each semester, the club also organizes friendly, inter-campus matches from time to time.

Telecom Society

Telecom Society has been established to provide a platform to the students to pursue their interest in the field of telecommunication beyond academics. Through various activities this society aims to increase in its members. The

understanding on dynamic developments taking place in the telecommunication industry and also understanding of ways and means to benefit from it. Core activity areas are participation and organization of seminars and exhibitions, establishment of career advisory center for students and arrangements for jobs and internships.

Career Development Center

Wherever you are in your academic career, freshmen through PhD, we are here to help you navigate your career during your years at CUI, from choosing a major, to exploring different career options, to finding internships, to looking for part-time and full-time employment through Career Development Center. COMSATS Institute of Information Technology, through Career Development Center, aspires to cater the personal, academic and professional needs of its students. The principal pivot around which the core dogma of CDC revolves is the veracity and actuality that careers are not established by mere degrees and diplomas. It is much more than that, much broader in spectrum and much holistic in disposition. At CUI's CDC, we tend to channel our vigor, energy and efforts for the career development of student in a way that they shine out to be an employee of an employer choice. For the said, we aim to initiate career development processes for students which embrace objects like career awareness, career exploration, career preparation, and work experience. Our purpose is to expose the students to the options that best fit their individual career needs. To that end, our services include:

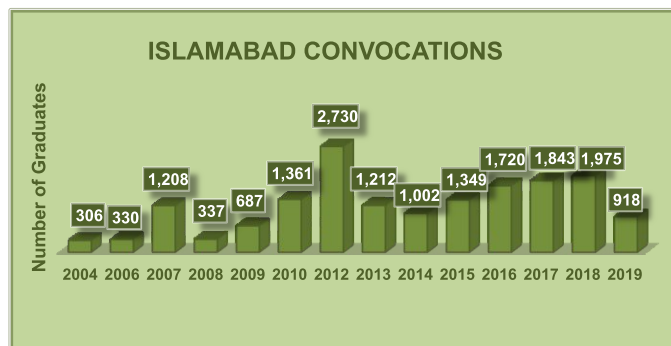
- a) Personal, academic and professional help
- b) Part-time and full-time job listings
- c) Internships and placement
- d) Personality development
- e) Job fairs
- f) Etiquette workshops
- g) Résumé and interview preparation
- h) In-house Training
- i) Campus interviews and employer contacts

Student Center

A new facility, with the name of Student Center has been provided on the ground floor of Faculty Block II, where student's queries are answered under one roof. The Student Centre is being managed by the department of Students Affairs and Career Development Centre. Student Financial Assistance office is also part of the Student Centre and deals with any financial support requests of students. State of the art equipment and computer applications are available not only to assist students but also the working staff. All queries of student are dealt here with the slogan of one window operation. The Student Centre works as a bridge between students and other departments. Students submit their requests within friendly atmosphere of the Student Centre and a ticket is issued in response to their query for future reference. The staff at the Student Centre not only provides appropriate guidance to students but also forwards their requests to the concerned departments. In case requests are dealt with by other departments, the outcome is communicated to the students and usually the entire cycle of application processing completes within forty eight hours.

Celebrating Success

Since its inception, CUI Islamabad has produced 17,005 graduates. So far, 28 convocations have been organized.



Cubator 1ne

Cubator-1ne is first business incubator of the COMSATS University Islamabad offering a conducive environment for faculty and students to startup their own businesses that are knowledge and innovations based. Cubator-1ne has the capacity to incubate over 40 firms in 36,000 sqft. available space.

Currently Cubator-1ne is hosting 28 businesses, out of which 19 belong to CUI students, faculty members and graduate. These businesses are focused on providing consultancy, IT services, mobile and game development, financial services, training and development services etc. Furthermore, some businesses belong to the categories of tech based social enterprise development, promoting responsible philanthropy, architecture and design services and ERP solutions pertinent to the interests of the CUI-Islamabad Campus faculty.

37 startup companies have graduated from Cubator-1ne, out of which 21 are working in the open market of the twin cities Rawalpindi and Islamabad.

Cubator-1ne invites innovative and sustainable business ideas from faculty members/students to startup at the facility provided by CUI. Businesses based in Cubator-1ne benefit from subsidized services, on campus training and development opportunities, close liaison with faculty, campus R&D services, and a host of other services that may otherwise be a burden on any new business. Our simple process helps faculty members secure a conducive environment to grow their respective knowledge/Innovative business.

Students Start-up Business Center

Entrepreneurship and innovation are viewed as key contributors to global economic and social development of a country. University-based entrepreneurship ecosystems provide a supportive context in which entrepreneurship and

innovation can thrive.

With an aim to instill spirit of entrepreneurship among CUI students, Student Startup Business Centers (SSBC's) have been established at six CUI campuses till date, with its principle office operational at CUI Islamabad. 90 start-ups are enrolled in six campuses, out of which 7 start-ups have secured funding through SSBC seed grant. The goal of this program is promotion of talented students' entrepreneurship and enhancement of their practical learning experience at the Institute. The overarching objective of this Centre is to promote student startup businesses by offering necessary support both in the form of mentorship and through initial financial funding.

The SSBC provides a continuous stream of student led businesses and innovations at CUI. It provides a way to bridge students' academic learning with practical implementation of acquired skills in industrial settings; through application of technical knowledge and scientific tools. The existence of SSBC within the Institute ensures that after graduation, students with entrepreneurial zeal and zest take on bold strides into practical life, backed by knowledge and experience. The goal is to have CUI graduates become valuable members of society and contribute towards knowledge economy.

The student startups enrolled into SSBC are benefitted through:

- Free co-working space
- Seed Grants
- Access to all CUI facilities
- Networking
- Mentoring by faculty and practicing entrepreneurs
- Use of CUI brand name
- Opportunity to participate in national/international start-up events
- Cash award for top program graduates



The objectives of SSBC are to:

- Foster an entrepreneurial culture at a national level that facilitates and supports innovation and its translation into benefits for our society and our economy.
- Serve as a platform for students to think creatively and develop latest applications and innovative technology based-solutions that can be commercialized and converted into viable products and services.
- Bring the Industry on board for regular mentorship to students for advice, counseling and sharing of practical experience thereby also marketing the potential of our students to the industry.

- Identify and attract sources of financial assistance from businesses, donors, and pro-bono services to assist students in their startups.
- Establish a Student Entrepreneurship Fund to support all talented students' startups.

A dedicated team of staff, faculty members and entrepreneurs from industry are available across all SSBC's to help and guide startups in their Business Plan development. They provide networking opportunities and mentorship to ensure that startups succeed in realizing their potential and are equipped to learn and relearn strategies to become successful entrepreneurs.



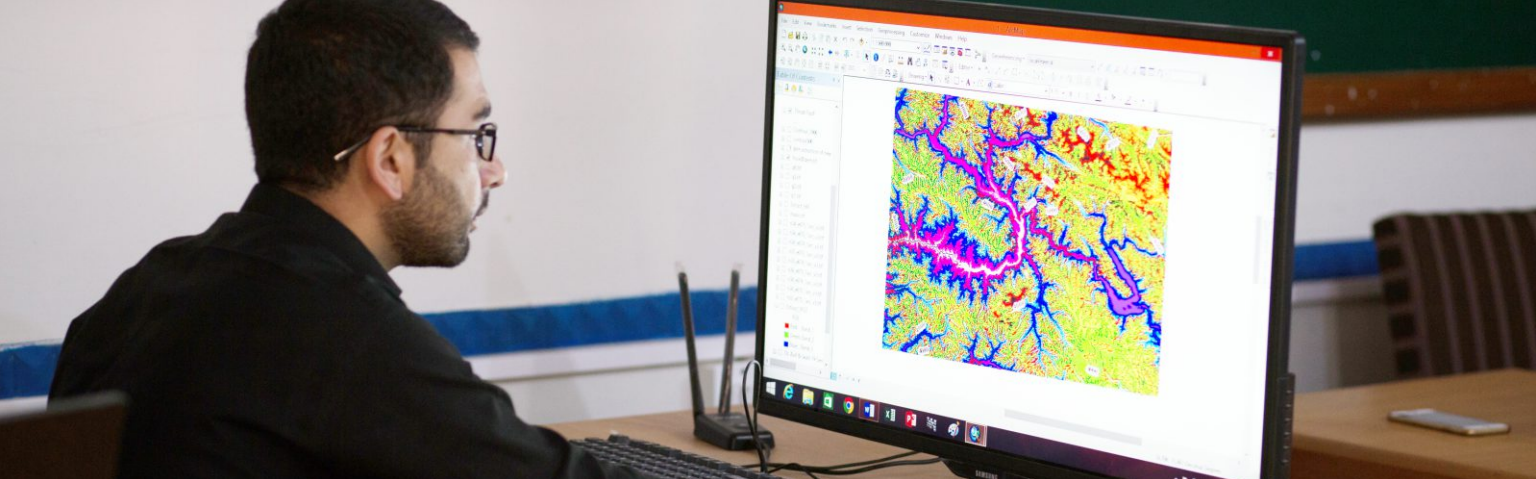
Abbottabad Campus

The Abbottabad Campus became functional in July 2001, and the first academic session started in September 2001. This campus is ideally situated in the vicinity of Pakistan Military Academy, Kakul. The campus is built on 308 Kanals of land leased by the Pakistan Army at Toba Camp.

The abandoned army barracks were converted into a living campus within a short period of two months by the CUI team. The first academic session started with student strength of 121 and only three undergraduate programs. Soon Abbottabad emerged as a leading institute of the region. Today it has 11 departments, more than 5900 students, 18 undergraduate programs, and qualified faculty strength of 460 including 221 PhDs. Its physical

infrastructure emulates the best educational institutions of the country.

The natural climatic advantages of Abbottabad city, large land area, sports and recreation facilities and above all, a secure and friendly environment, have all combined to make the Abbottabad campus more of a resort. The campus is an ideal place to study, live and work. The campus area also encompasses parks, orchards and grounds, the lush green grounds, blooming flowerbeds and trees. Set in these environs, with a panoramic background view of Thandiani and Galiat mountains, makes CUI Abbottabad campus a perfect place to study with complete peace of mind.



Academic Programs

The following undergraduate programs are being offered at Abbottabad Campus:

Bachelor of Science in:

1	Biotechnology	BS (BTY)
2	Business Administration	BS (BA)
3	Civil Engineering	BS (CEE)
4	Computer Engineering	BS (CE)
5	Computer Science	BS (CS)
6	Development Studies	BS (DS)
7	Economics	BS (ECO)
8	Electrical (Electronics) Engineering	BS (EEE)
9	Electrical (Power) Engineering	BS (EPE)
10	Environmental Sciences	BS (ES)
11	Geology	BS (Geol)
12	Geophysics	BS (Geoph)
13	Software Engineering	BS (SE)
14	Telecommunication and Networking	BS (TN)
	Bachelor of	
15	Business Studies	BBS
	Master of	
16	Business Administration (Executive, 2 Years)	MBA (Exe)
17	Development Studies	
	Doctor of	
18	Pharmacy	Pharm-D

COMSATS Community Development Unit (CCDU)

COMSATS Community Development Unit (CCDU) is an integral part of Abbottabad Campus. It is engaged in the provision of quality consultancy services to different organizations in the specialized fields of management, organizational development, finance, re-structuring, Information Technology, software-development, assistance in the planning and implementation, monitoring and evaluation of organizational activities, and, importantly, in-house capacity building through the provision of specifically tailored training workshops.

COMSATS Technology Center (CITC)

CITC is a well-sized technology concern having a large number of skilled professionals. CITC has a successful history of projects and a long list of satisfied clients. CITC promotes, develops, delivers and facilitates the use of Information Technology services and resources, including application and web development, data warehousing, network design and configuration, inter access, corporate training, multimedia solutions, and testing services.

Extra-Curricular Activities

Extra-Curricular Activities are a vital part of any educational



process. Sports, drama, creative writing, etc., all help individuals to develop balanced personalities by taking healthy breaks from academic rigors. Teamwork and competition also help in building character. Students' week is held during each semester at the campus which is dedicated to sports competitions among different classes and departmental teams. As a tradition, faculty and the student body enthusiastically participates in this weeklong event.

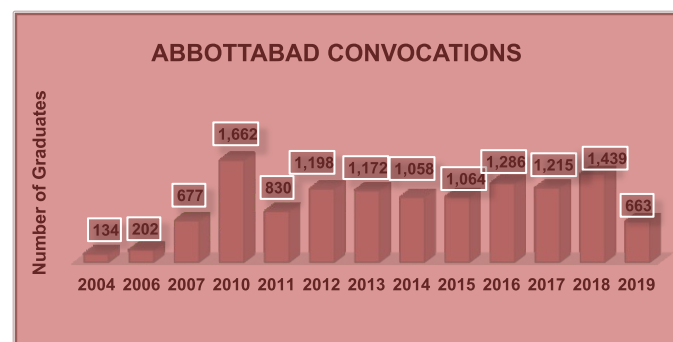
Clubs and Societies

Clubs and societies are very important for creative activities on campus. A large number of clubs and societies are active at the Abbottabad Campus. These societies are involved in literary, dramatic, scientific, software and photographic activities. The societies regularly organize poetry reading competitions, debates, quiz shows, concerts, Naat and Qirat competition, photographic competitions and scientific gatherings. Presently, Software Development Society, IT Society, Dramatics Society named as 'Funkada', COMSATS Literary Society, Bazm-e-Adab, Art and Painting Society,

Photography Society, Qirat and Naat Society, Eco-Adventure Club, Cricket Club, Football Club, Athletics Club, Badminton Club, Table Tennis Club, Girls Sports Club, Volleyball Club, Green Thumb Society, Entrepreneurial Society are quite popular among students.

Celebrating Success

Since its inception, CUI Abbottabad has produced 12,527 graduates. So far, 29 convocations have been organized.





Wah Campus

The opening of COMSATS University Islamabad (CUI) in the historical and industrial town of Wah was a joint effort of CUI and Pakistan Ordnance Factories (POFs) Wah Cantt. CUI started its campus at Wah in a record period of 70 days. The then Minister for Science and Technology/Chancellor CUI formally inaugurated the Institute on September 14, 2001. Initially CUI Wah started its operation in small guest house of POFs. In 2003, two purpose built academic blocks were handed over to CUI on long term lease period by POFs. CUI Wah extended its academic facilities by purchasing land contiguous to existing campus in 2012 measuring 96 Kanals. The campus has also acquired 20 Acres of land near Brahma Bahtar Interchange on Motorway (M-1) to meet its future academic requirements. The campus is ideally suited for students who wish to seek education in a conducive environment.

The Campus is situated at G.T. Road, Wah Cantt. Due to its location, it is easily accessible to the students coming from Wah, Taxila, Rawalpindi, Hassanabdal, Haripur and other surrounding areas. Wah Cantt is considered as the hub of

industrial activity in the region. It is a place having high potential for the utilization of Technology and its incorporation in the industry. POF itself is a market with very high potential. CUI being a world class institute in the region has paved the way for knowledge and learning, thus proving its worth and adding value to the region and to the country as a whole.

The campus is the first of its kind in Wah Cantt since the time of its establishment. It has a modern infrastructure and highly professional faculty members. CUI Wah is fully equipped to handle the dynamics of the fast paced IT and engineering industry and to meet the challenges of the future. Here the dedicated Faculty ensures students to succeed and encourages them to benefit from the innovative education.

The Campus is housed in spacious buildings and provides state-of-the-art facilities for the acquisition of knowledge and skills in the field of Engineering, Information technology, Maths and Business Administration.



Academic Programs

The following undergraduate programs are being offered at Wah Campus:

Bachelor of Science in:

1	Accounting and Finance	BS (A&F)
2	Business Administration	BS (BA)
3	Civil Engineering	BS (CEE)
4	Computer Science	BS (CS)
5	Electrical Engineering	BS (EE)
6	Mechanical Engineering	BS (ME)
7	Software Engineering	BS (SE)
Bachelor of		
8	Business Studies	BBS
Master of		
9	Business Administration (Executive, 2 Years)	MBA (Exe)
10	Computer Science	MCS
11	Public Administration	MPA

Extra-Curricular Activities

CUI Wah provides an excellent academic atmosphere to its students together with a lot of opportunities for extra-curricular activities. The faculty puts in maximum efforts to groom and nourish young scholars placed under their care. We at Wah try our best to contribute significantly to build healthy minds in healthy bodies. Many events are organized

to involve young minds ensuring full participation in character building activities and personality development. In order to broaden the vision of students, the institute arranges the industrial trips for students.

Student Week

Considering the importance of sports in an academic institution, there are a number of activities are organized at Wah. Every semester, a Student Week is organized where competitions in volleyball, football, basketball, badminton, table tennis, cricket, squash, athletics, Naat, Qirat, and Urdu/English Debates including Culture Day are arranged. The Institute also actively participate at national level mega events and has earned many laurels.

Adventure Club

Adventure club has been established at CUI Wah that arranges a variety of outdoor activities. Different clubs have been created under adventure club such as hiking, trekking, photography, shooting, camping and rowing, etc.

Visio Spark

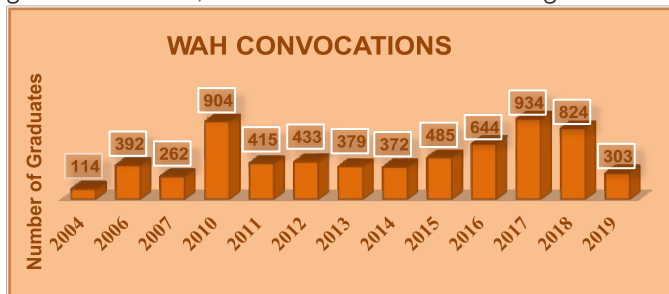
The Computer Science Department of this institute conducts its annual national level mega event titled "VisioSpark". The students from various national educational universities/institutions participate. The aim of



conduct of event is to provide opportunity to students to upgrade, polish, discuss and enhance their intellectual and research skills. VisioSpark also provides a platform to students where they share their research skills, ideas and views. CUI Wah Campus is a centre of excellence in computing where rigorous software development activities are part of daily routine. This mega event is a step towards enforcing the commitment of CUI Wah Campus for the development of information Technology and other Computer Science related fields in Pakistan.

Celebrating Success

Since its inception, CUI Wah Campus has produced 6,467 graduates. So far, 23 convocations have been organized.



Vision and Mission of the Program

Vision

A collaborative hub where leading civil engineering research serves the needs of a broad array of disciplines and where innovations in other fields are applied to enrich civil engineering research and practice.

Mission

To promote intellectual, social, and ethical development of civil engineers, as well as create and communicate engineering concepts and technology.

Civil Engineering Program Educational Objectives (PEOs)

Graduates of the Civil Engineering program at COMSATS University Islamabad should:

- Apply knowledge, strong reasoning and quantitative skills to design and implement creative and sustainable solutions in the field of Civil Engineering.
- Engage in life-long learning to meet evolving engineering challenges of modern day.
- Exhibit effective communication, critical thinking,

interpersonal and management skills as leaders and contributors embodying professional and ethical behavior.

Program Learning Outcomes (PLOs) of Civil Engineering at CUI Wah Campus.

Engineering graduates of CUI, Wah Campus will exhibit / demonstrate the following attributes:

1. Engineering Knowledge: An ability to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

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.

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.

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

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

6. The Engineer and Society: An ability to apply reasoning informed by contextual knowledge to assess societal,

health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.

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

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

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

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 and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

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.

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



Lahore Campus

The Lahore Campus is located on Defence Road, Off Raiwind Road and is 30minutes' drive from the main city. This campus was established in January 2002. The sprawling campus is purpose built and is spread over an area of 185 acres.

The campus is equipped with state-of-the-art computers and electronic laboratories. During a short span of time, the continuous efforts of the dedicated faculty and staff have made CUI Lahore synonymous with academic excellence, which forms strong foundations for a bright career for its alumni. Here the young minds can really create a bright future for themselves.

The environment at the campus is vibrant, creative and challenging, for both teachers and students. The campus intends to excel in its research capability, which will open

new frontiers of knowledge in Information Technology. In a city of learning as Lahore, the campus caters for the ever-increasing demands of students in the fields of Computer Science, Telecommunication Engineering, Computer Engineering, Chemical Engineering, Management Sciences, Physics, Architecture and Bio-Medical Material Sciences. Currently, 6,060 students are enrolled in different degree programs.

The campus consists of one administration block, five academic blocks, five workshops, a big mosque, hostels for boys and girls and a number of residential units for the employees. The location of the campus is strategically chosen to provide the students with an ideal environment, which is not only conducive for their educational pursuits but would also ensure that the students are well abreast of the latest developments in the IT sector.



Academic Programs

The following undergraduate programs are being offered at Lahore Campus:

Bachelor of Science in:

1	Accounting and Finance	BS (A&F)
2	Business Administration	BS (BA)
3	Chemical Engineering	BS (ChE)
4	Computer Engineering	BS (CE)
5	Computer Science	BS (CS)
6	Economics	BS (Eco)
7	Electrical Engineering	BS (EE)
8	Mathematics	BS (Math)
9	Media and Communication Studies	BS (CMS)
10	Physics	BS (Phy)
11	Psychology	BS (BPY)
12	Software Engineering	BS (SE)
13	Statistics	BS (Stats)

Bachelor of

14	Architecture	B. Arch
15	Business Studies	BBS
16	Design	B. Des
17	Interior Design	BID

Master of

18	Business Administration (Executive, 2 Years)	MBA (Exe)
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Students Services Center (SSC) at CUI Lahore

Students Services Center has been established at CUI Lahore Campus to provide students with a range of services designed to help and assist in adjusting with university life and to achieve potential in terms of their personal, educational, social and professional goals. Highly skilled staff is specialized in providing students with comprehensive solutions to their everyday problems, including their adjustment to university environment, handling of academic as well as peer pressure etc. SSC achieves these goals through implementation of many programs, both within and outside the campus. SSC arranges many co-curricular and extra-curricular activities in order to bring the best out of students and prepare them for the rigors of competition and fair play.

Extra-Curricular Activities

CUI Lahore Debating Society

CUI Lahore Debating Society is a student run society that aims to promote communication, analytical and team working skills important for the future career growth of the students. It aims to include members from all disciplines and to create a more diverse population of students participating in the rational exchange of ideas, representing CUI Lahore at various inter-university debating formats.

Attrayant Community

The aim of the society is to organize all sorts of social services and co-curricular activities. Among the social services Attrayant Community facilitates charity collection, fund collection and helping the students. With its motive of "Together We Can" Attrayant society believes in helping and promoting new talent. Co-curricular activities encompass different sports and quiz competitions, debates and seminars.

Islamic Cultural Society

The purpose of the society is to promote our religious culture through Islamic events such as naat and qirat competitions, Islamic seminars, millad etc. The society looks forward to enlighten the young minds and souls of the students.

CUI Lahore Music Society

CUI Lahore Music Society is a platform providing an opportunity to the rising talents in the field of music. Every semester the society organizes talent hunts to explore the upcoming vocalists, musicians, bands, and performers.

CUI Lahore IT Society

The idea behind CUI Lahore IT Society is to teach and bring awareness among students about the latest technologies, to improve their IT knowledge polishing their skills and conducting workshops, seminars and competitions inviting IT professionals.

Sports Society

The Sports Society organizes competitions in cricket, football, table tennis, badminton, basketball, chess and athletics. The Society facilitates both male and female

students' participation in the sports events

COMSMAG

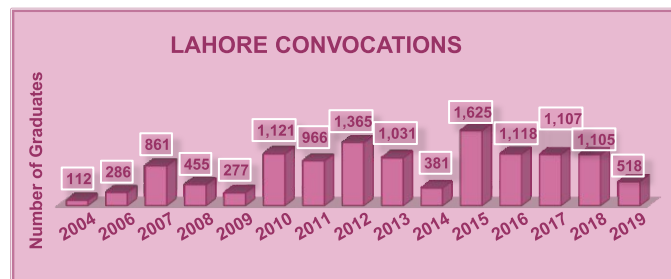
An annual magazine reflecting the whole academic year activities in a nutshell is a newest addition. The pages of the magazine depict the essence of artistic and academic abilities harboured by the students of Lahore. Newsletter is a semester wise output that focuses on day-to-day milestones reached during each semester. It also highlights various events related to academic and extra-curricular activities.

Seminars

One of the key features of education at CUI is a visionary approach of constantly providing practical exposure to the students regarding the course contents. To achieve this objective, guest speakers from corporate and industrial sectors are regularly invited to the campus in order to share their practical wisdom and experiences with the students.

Celebrating Success

Since its inception, CUI Lahore has produced 12,335 graduates. So far, 19 convocations have been organized.





Attock Campus

April 04, 2004 was a historic day for the residents of Attock city when a new Campus of the CUI was launched, to make it possible for the students of area to take advantage of the opportunities of state-of-the-art education at their doorstep. The event was important for both CUI and Attock city because the dream of an IT institute was a distant dream come true. CUI's presence in Attock has ensured the availability of professional academic skills not only to the locals of Punjab but also the adjoining areas of Khyber Pakhtunkhawa. It throws open an opportunity to the city of

Attock becoming a hub of burgeoning jobs and business ventures entirely on its own strength in the near future.

The Attock Campus has gained a commendable reputation in a short time. Attock's good teaching reputation ensures that brilliant academicians feel honoured to work here. This subsequently enables our academic departments to offer innovative and exciting teaching environment, led by experts at the cutting edge of their varied specializations. Currently 2,377 students are enrolled in different degree programs.



Academic Programs

The following undergraduate programs are being offered at Attock Campus:

Bachelor of Science in:

1	Accounting & Finance	BS (A&F)
2	Business Administration	BS (BA)
3	Computer Engineering	BS (CE)
4	Computer Science	BS (CS)
5	Electrical Engineering	BS (EE)
6	Mathematics	BS (Maths)
7	Software Engineering	BS (SE)
Bachelor of		
8	Business Studies	BBS
Master of		
9	Business Administration (Executive, 2 Years)	MBA (Exe)
10	Computer Science	MCS
11	Mathematics	M.Sc (Math)
12	Public Administration	MPA

Extra-Curricular Activities

Outdoor Sports Facilities

Attock Campus has Cricket Ground of international standard and has an honour to organize 1st Inter-campus T-20 Cricket Tournament in March 2012. In 2013 Attock Campus extended its outdoor sports facilities by establishing foot ground, multipurpose court for Volley Ball

and Tennis.

Indoor Sports Facilities

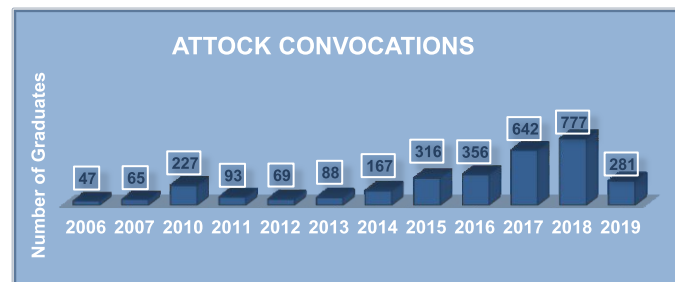
An indoor gym has been established for the faculty and students of CUI Attock Campus which is equipped with state of the art exercise machines. There is also facility of playing table tennis indoor.

Funfairs

Funfairs at the campus are organized annually. Students as well as outside vendors set up stalls to display food items, handicrafts, etc., Sports activities and drama club events are also an integral part of these funfairs.

Celebrating Success

Since its inception, CUI Attock has produced 3,128 graduates. So far, 19 convocations have been organized.





Sahiwal Campus

CUI Campus situated at Sahiwal, a city with a population of about two million, located on the LMQ road, half-way between Lahore and Multan, was formally inaugurated in September 2007. Sahiwal and its surroundings are known for wheat, cotton, sugarcane, maize and rice crops. Main fruits are citrus. Sahiwal is a green and fertile town and agriculture is important to the local economy. The establishment of CUI Campus at Sahiwal besides providing higher education facilities in the highly demanded market oriented disciplines also provides state-of-the-art facility for

research and development activities. Sahiwal campus intends to augment the academic and socio-economic role in imparting quality education with the help of cutting-edge technology and contemporary managerial practices.

CUI at Sahiwal has surfaced as the most vibrant educational institution. It started with the enrolment of 100 students with quite an attractive 30 percent ratio of female students. Currently, the campus has a total enrolment of 3,359 students.



Academic Programs

The following undergraduate programs are being offered at Sahiwal Campus:

Bachelor of Science in:

1	Accounting and Finance	BS (A&F)
2	Bioinformatics	BS (BI)
3	Business Administration	BS (BA)
4	Computer Science	BS (CS)
5	Civil Engineering	BS (CEE)
6	Electrical Engineering	BS (EE)
7	Food Sciences and Nutrition	BS (FSN)
8	Mechanical Engineering	BS (ME)
9	Software Engineering	BS (SE)
10	Telecommunication and Networking	BS (TN)

Bachelor of

11	Business Studies	BBS
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Master of

12	Business Administration (Executive, 2 Years)	MBA (Exe)
13	Computer Science	MCS
14	Mathematics	M.Sc (Math)

Considering the need of educated professionals in the much-neglected fields of agriculture and entrepreneurship, Sahiwal Campus is also considering to introduce specialization in agri-business and entrepreneurial management for its business administration students.

Extra-curricular Activities

CUI Sahiwal provides numerous opportunities to its students for grooming them mentally and physically. These facilities include formation of clubs/societies which organize a wide range of different extra-curricular activities like adventure club, sports club, magazine committee, debating society, and many more.

Alumni Association

The main objectives of the organization, is to provide a platform for the Alumni to communicate with the institution by maintaining a complete database furthermore, successfully passed out alumni are get registered online so that alumni will be able to interact with the association. Job portal has also been established for the alumni, job opportunities are posted for alumni to apply and to get better career etc.

Career Development Cell

CUI Sahiwal has a Career Development Cell established since September, 2007. This cell fosters liaison between academia and industry. Career development cell facilitates the students in internship and job placement. This cell also works for the training and personality development and is proactively engaged in arranging different seminars, workshops and fairs for the students in collaboration with



public and private sector organizations. CDC continuously strives to help students in pursuing their career goals by acquiring employment-seeking skills and ultimately to attain desired employment. This is accomplished through building a strong partnership amongst students, faculty members and industries.

CISCO Laboratories

COMSATS Cisco Academy Sahiwal is the first Cisco academy in Sahiwal region. Academy has started its first CCNA program in June 2012. This is a great opportunity for students of not only COMSATS but many other institutions of Sahiwal and surrounding areas.

COMSATS Cisco Academy is delivering the range of services and support needed to grow tomorrow's global workforce. Our main aim is to equip our students with both network theories and practical in such a way that after completion of course our students can accelerate their career.

The laboratory is equipped with state of art equipment (CISCO 2800 series routers and switches), high speed computers, high speed Wi-Fi internet facility and online access of CISCO Network Academy curriculum.

Celebrating Success

Since its inception, CUI Sahiwal has produced 3,922 graduates and so far 16 convocations have been organized.





Vehari Campus

Established in 2008, Vehari campus is one of the fast growing campuses of the COMSATS Institute of Information Technology. Vehari campus started with 45 students enrolled in one programme and now it has more than 2,519 students, 190 faculty members, 12 programs and three functional academic blocks. Stretched over an area of 52 acres, the campus is an excellent avenue to provide quality education to the students. CUI Vehari is constantly making

efforts to provide students the quality education and personality development to transform its students into capable professionals, sensible intellectual and responsible citizens. CUI Vehari aims to instil a research culture for economic human Resource Development in this region driven by market forces, technological revolution and globalization.



Academic Programs

The following undergraduate programs are being offered at Vehari Campus:

Bachelor of Science in:

1	Accounting and Finance	BS (A&F)
2	Business Administration	BS (BA)
3	Computer Science	BS (CS)
4	Economics	BS (Eco)
5	English	BS (English)
6	Environmental Sciences	BS (ES)
7	Mathematics	BS (Math)
8	Software Engineering	BS (SE)
9	Telecommunication & Networking	BS (TN)
Bachelor of		
10	Business Studies	BBS
Master of		
11	Business Administration (Executive, 2 Years)	MBA (Exe)
12	Computer Science	MCS
13	Economics	MSc (Eco)
14	English	MA (Eng)

Extra-Curricular Activities

Vehari Campus offers each student a future of significance, not only education of sheer prestige but also provides opportunities to its students for sprucing them mentally and physically. For this purpose, guilds are made for organizing

different extra-curricular activities, like sports club, adventure club, spring gala, the debating society and magazine committee. Thus, student's time at CUI can never be dull. On the contrary, it is difficult to choose which activity to join. Whatever their level of expertise, they can become involved in any club or society that interests them. In addition, industrial tours are arranged for the students so they may learn how commercial and industrial undertaking works. To build Student Leadership spirit, Campus organised various co-curricular activities including dramas, exhibitions, expos, competitions, debates.

Career Development Cell

All employers induct people who are well-qualified, passionate and interested to work in a challenging environment, who want to achieve targets and take full responsibility. This applies across the board, from large multinational corporations to small NGOs. Studying at Vehari Campus will equip students to demonstrate passion, interest, achievement and responsibility. The specific subject they study should be one they are passionate about and want to enhance that passion in their practical lives. Vehari Campus established a Job Development Cell (JDC) to assist students for internship and jobs in leading public and private organizations in the country.

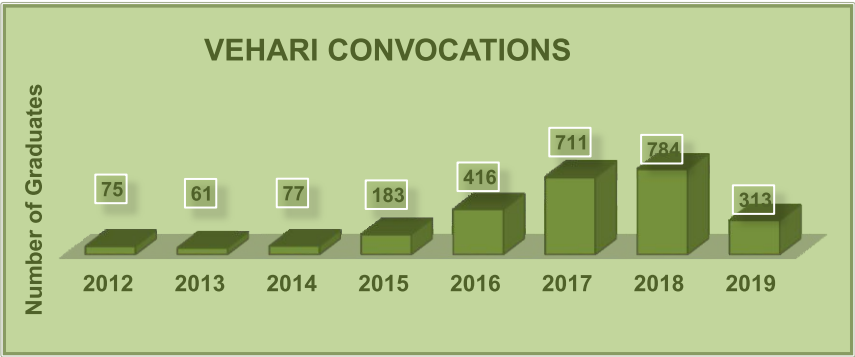
Proctorial board is a regulatory body holding responsibility



of maintaining discipline among the students and taking necessary corrective measures wherever needed.

Celebrating Success

Since its inception, CUI Vehari has produced 2,620 graduates and so far 12 convocations have been organized.





Chapter 3

Academics

Faculties, Departments and Programs

Faculty of Information Sciences and Technology

The Faculty of Information Sciences and Technology is comprised of Department of Computer Science and Department of Health Informatics.

Department of Computer Science

Department of Computer Science at CUI was established in 1999 at Islamabad Campus and is now proud of its excellent facilities and internationally qualified faculty members along with its presence at all Campuses of CUI. It is imparting competitive skills in effective development and application of modern technology to groom its students as excellent programmers, outstanding researchers, extraordinary analysts and innovative designers. It is committed to equip and impart our students with advanced competencies required for managing the growing needs of science and technology, especially computer science, in almost every professional field today.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Computer Science:

Bachelor of Science in Computer Science: BS (CS)

Entry Requirements

- Intermediate or equivalent (Mathematics) with minimum 50% marks, from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 semesters; 6 years

Credit Hours Requirements

- Minimum 134 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, and Vehari

Program Information

Bachelor of Science in Computer Science program at CUI focuses on instilling comprehensive computer science knowledge among students and exposing them to issues involved in the development of scientific, educational and commercial applications of computer science. The program lays emphasis on an integrated approach to meet the hardware and software needs of the industry. The purpose of this program is to produce graduates with a sound knowledge of computer science, contemporary technologies, and professional skills.

Bachelor of Science in Telecommunication and Networking: BS (TN)

Entry Requirements

- Intermediate or equivalent with minimum 50% marks, from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 semesters; 4 years
- Maximum: 12 semesters; 6 years

Credit Hours Requirements

- Minimum 134 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Abbottabad, Sahiwal, and Vehari

Program Information

Bachelor of Science in Telecommunication and Networking program is aimed at catering the human resource needs in the fast growing industry of telecommunications and networking. This program focuses on the application of technology solutions to business problems in telecom service sector and it requires additional domain knowledge in communication and networks, along with a strong mathematical background



Bachelor of Science in Software Engineering: BS (SE)

Entry Requirements

- Intermediate or equivalent (Mathematics) with minimum 50% marks, from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semester; 6 years

Credit Hours Requirements

- Minimum 133 Cr. Hrs

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, and Vehari

Program Information

Bachelor of Science in Software Engineering program at CUI bridges gap between computer science theory and its practical applications using different technologies and tools. Software Engineering discipline focuses on imparting the practical knowledge and technical training which should enable students to harmonize theory with practice, concepts with applications, and problems with solutions.

This program is preparing professionals having an expertise in software development principles, theory, practice, and process to develop high quality software applications and is producing future agents of change, individuals who will be leading and improving the software industry and practices in the coming years. The graduates of this Program will have strong base in communication, mathematics, sciences, cultural, ethical, and social issues that influence the development of high quality software systems.



Master of Computer Science: MCS

Entry Requirements

- Bachelor Degree (14-Year) or equivalent with minimum 50% marks, from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 73 Cr. Hrs

Offering Semesters

Fall and Spring

Offering Campuses

Wah, Attock, Sahiwal, and Vehari

Program Information

Master of Computer Science program at CUI has been designed for those students who wish to improve their knowledge of recent developments in Information Technology and to deepen their understanding in computer science. The qualified faculty and excellent facilities at CUI ensure that students have a solid technical grasp of the subject that enables them to apply this knowledge in practical work settings. The graduates of this program are in great demand in all areas related to Information Technology in national and international markets, leading institutions and organizations in industry, academia and research based organizations.

Faculty Members

CUI, Islamabad Campus

Professor

- Dr. Sohail Asghar, PhD, Monash University, Australia

Associate Professors

- Dr. Khalid Latif, PhD, Vienna University of Technology, Austria
- Dr. Nadeem Javaid, PhD, Ecole National Supérieur Des Telecommunication, France
- Dr. M. Manzoor Illahi Tamimy, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Muhammad Masoom Alam, PhD, University of Innsbruck, Austria
- Dr. Majid Iqbal Khan, PhD, Technical University, Vienna, Austria

Assistant Professors

- Dr. Farhana Jabeen, PhD, Manchester University, UK
- Dr. Ghufuran Ahmed, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Abid Khan, PhD, Harbin Institute of Technology, China
- Dr. Amir Hanif Dar, PhD, Beijing Institute of Technology, China
- Dr. Tehseen Zia, PhD, Vienna University of Technology, Austria
- Dr. Muhammad Asim Noor, PhD, Johannes Kepler University Linz, Austria
- Dr. Malik Ahmed Kamran, PhD, Vienna University of Technology, Austria
- Dr. Saif-ur-Rehman Malik, PhD, North Dakota State University, USA
- Dr. Munam Ali Shah, PhD, University of Bedfordshire, UK
- Dr. Naveed Ahmed, PhD, Cambridge University, UK
- Dr. Mubeen Ghafoor, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Muhammad Imran, PhD, Southampton University, UK
- Dr. Iftikhar Azim Niaz, PhD, University of Tsukuba, Japan
- Dr. Yasir Faheem, PhD, University of Paris, France
- Dr. Adeel Anjum, PhD, Université de Nantes, France
- Dr. Javed Iqbal, PhD, University of Malaya, Malaysia
- Dr. Muzaffar Khan, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Azra Shamim, PhD, University of Malaya, Malaysia
- Dr. Aimal Tariq Rextin, PhD, University of Limerick, Ireland
- Dr. Hasan Ali Khattak, PhD, Politecnico Di Bari, Italy
- Dr. Abdul Wahid, PhD, Kyungpook National University, Korea
- Dr. Zia uddin, PhD, Asian Institution of Technology, Pathum Thani, Thailand
- Dr. Ahmad Raza Shahid, PhD, University of York, UK
- Dr. Mansoor Ahmed Awan, PhD, Technical University, Vienna, Austria
- Dr. Basit Raza, PhD, International Islamic University,

Islamabad, Pakistan

- Dr. Zara Hamid, PhD, NUST, Islamabad, Pakistan
- Dr. Syed Sohaib Ali, PhD, Istituto Giannina Gaslini, Genova, Italy
- Dr. Arif Ali Khan, PhD, City University of Hong Kong
- Dr. Rizwana Irfan, PhD, North Dakota State University, Fargo, USA
- Dr. Mukhtar Azeem, PhD, CUI Islamabad Campus
- Dr. Mariam Akbar, PhD, COMSATS IIT, Islamabad
- Dr. Assad Abbas, PhD, North Dakota State University, USA
- Dr. Inayat-ur-Rehman, COMSATS IIT, Islamabad
- Dr. Uzair Iqbal, PhD, Universiti Teknologi, Petronas, Malaysia
- Dr. Zobia Rehman, PhD, Lucian Blaga University of Sibiu (LBUS), Sibiu, Romania
- Dr. Tahir Mustafa Madni, PhD, Universiti Teknologi Petronas, Malaysia
- Dr. Adnan, PhD, University of Malaya, Malaysia
- Dr. Shahid Hussain,
- Dr. Saif Ul Islam, PhD, University Paul Sabatier Toulouse III, Toulouse, France

Beside 02 advisors, 10 non-PhD Assistant Professors, 48 Lecturers and 06 Research Associates/Teaching Associates are also associated with the department.

CUI, Abbottabad Campus

Associate Professors

- Dr. Imran Ali Khan, PhD, Graduate University of Chinese Academy of Sciences, China
- Dr. Babar Nazir, PhD, University Teknologi Petronas, Malaysia

Assistant Professors

- Dr. Abbas Khalid, PhD, The University of Lancaster, United Kingdom
- Dr. Abdul Nasir Khan, PhD, University of Malaya,

Malaysia

- Dr. Ahmad Din, PhD, Politecnico Di Torino, Italy
- Dr. Ahmad Khan, PhD, FAST Islamabad, Pakistan
- Dr. Attiqah Rehman, PhD, Fern University in Hagen, Germany
- Dr. Babar Nazir, PhD, University Teknologi Petronas, Malaysia
- Dr. Eraj Khan, PhD, The University of Lancaster, United Kingdom
- Dr. Fiaz Gul Khan, PhD, Politecnico Di Torino, Italy
- Dr. Iftikhar Ahmed Khan, PhD, Brunel, West London, UK
- Dr. Junaid Shuja, PhD, University of Malaya, Malaysia
- Dr. Kashif Bilal, PhD, NDSU, United States
- Dr. Mazhar Ali, PhD, North Dakota State University, USA
- Dr. Mudassar Aslam, PhD, Malardalens University, Sweden
- Dr. Muhammad Usman Shahid Khan, PhD, North Dakota State University, USA
- Dr. Osman Khalid, PhD, NDSU, United States
- Dr. Rafi us Shan, PhD, The University of Lancaster, United Kingdom
- Dr. Raja Wasim Ahmad, PhD, University of Malaya, Malaysia
- Dr. Sajid Shah, PhD, Politecnico de Torino Italy
- Dr. Shahid Raza, PhD, Malardalen University of Sweden
- Dr. Syed Sajid Hussain, PhD, Fern Universitat in Hagen, Germany
- Dr. Tahir Maqsood, PhD, CUI Abbottabad, Pakistan
- Dr. Waqas Jadoon, PhD, Sichuan University, China
- Dr. Zia ur Rehman, PhD, Certtin University, Australia

Besides, 07 non-PhDs, 30 Research Associate 02 are also associated with this department.

CUI, Wah Campus

Associate Professors

- Dr. Ehsan Ullah Munir, PhD, Harbin Institute of

Technology, China

- Dr. M. Wasif Nisar, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Sheraz Anjum, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Muhammad Sharif, PhD, CUI Islamabad, Pakistan
- Dr. Nadir Shah, PhD, Beijing University, China

Assistant Professors

- Dr. Waqar Mehmood, PhD, Innsbruck University, Austria
- Dr. Tariq Umer, PhD, Lancaster University, UK
- Dr. Mussarat Abdullah, PhD, CUI Islamabad, Pakistan
- Dr. Muhammad Khalil Afzal, PhD, Yeungnam University, South Korea
- Dr. Muhammad Maaz Rehan, PhD, University Technology Petronas, Malaysia
- Dr. Sulma Rashid, PhD, University Technology Malaysia, Malaysia
- Dr. Jamal Hussain Shah, PhD, University of Science and Technology of China, China
- Dr. Tassawar Iqbal, PhD, Vienna University Technology, Austria
- Dr. Faisal Azam, PhD, CUI Islamabad, Pakistan
- Dr. Hikmat Ullah Khan, International Islamic University, Islamabad, Pakistan
- Dr. Saeed ur Rehman, University of Science and Technology of China, China
- Dr. Mudassar Raza, PhD, University of Science and Technology of China, China
- Dr. Saima Gulzar Ahmad, University of Malaya, Malaysia
- Dr. Najmal Ikram Qazi, MAJU, Islamabad
- Dr. Faisal Shafique Butt, Preston University, Islamabad

Besides, 03 non-PhD Assistant Professors, 26 Lecturers and 08 Research Associates are also associated with this department.

CUI, Lahore Campus

Professors

- Dr. Syed Asad Hussain, PhD, Queen's University Belfast, UK
- Dr. Zulfiqar Habib, PhD, Kagoshima University, Japan
- Associate Professors
- Dr. Ghulam Rasool, PhD, Technische Universität Ilmenau, Germany
- Dr. Muhammad Waqas Anwar, PhD, Harbin Institute of Technology, China
- Dr. Farooq Ahmad, PhD, Harbin Institute of Technology, China

Assistant Professors

- Dr. Rao M. Adeel Nawab, PhD, University of Sheffield, UK
- Dr. Wajahat Mahmood Qazi, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Usama Ejaz Bajwa, PhD, University of Engineering and Technology, Taxila, Pakistan
- Dr. Ashfaq Ahmad, PhD, University of Chinese Academy of Sciences, China
- Dr. Hamid Turab Mirza, PhD, Zhejiang University, China
- Dr. Muhammad Salman Khan, PhD, Graz University of Technology, Austria
- Dr. Muhammad Hasan Jamal, PhD, Purdue University, Indiana, USA
- Dr. Zeshan Gillani, PhD, King College of London, UK
- Dr. Atifa Athar, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Amjad Ali, PhD, Kyung Hee University, South Korea
- Dr. Furkh Zeshan, PhD, University Technology Malaysia, Malaysia
- Dr. Abid Sohail, PhD, University Technology Petronas, Malaysia
- Dr. Shahbaz Akhtar Abid, PhD, University of Malaya, Malaysia
- Dr. Adnan Ahmad, PhD, Massey University, New Zealand

- Dr. Muhammad Hasnain Ch., PhD, Asian Institution of Technology, Pathum Thani, Thailand
- Dr. Allah Bux Sargano, PhD, The Lancaster University, UK
- Dr. Muhammad Aksam Iftikhar, PhD, Pakistan institute of engineering and applied sciences, Islamabad
- Dr. Faizan Ahmad, PhD, University of Chinese Academy of Sciences, China
- Dr. Muhammad Tayyab Ch., PhD, University Technology Malaysia, Malaysia

Besides, 17 non-PhD Assistant Professors, 40 Lecturers and 02 Research Associates are also associated with this department.

CUI, Attock Campus

Assistant Professors

- Dr. Farman Ali Khan, PhD, University of Vienna, Austria
- Dr. Khalid Iqbal, PhD, University of Science and Technology, Bannu, China
- Dr. Khalid Mehmood Awan, PhD, University Technology Malaysia, Malaysia
- Dr. Muhammad Sardaraz, PhD, Iqra University, Islamabad, Pakistan
- Dr. Muhammad Tahir, PhD, Iqra University, Islamabad, Pakistan
- Dr. Peer Azmat Shah, PhD, University Technology Petronas, Malaysia
- Dr. Rashid Ahmed, PhD, Jeju National University, Korea
- Dr. Sadaf Yasmin, PhD, Capital University of Science and Technology, Pakistan
- Dr. Zahoor-ur-Rehman, PhD, University of Engineering and Technology, Lahore, Pakistan
- Dr. Salabat Khan, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Farhan Aadil, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Muazzam Maqsood, PhD, U.E.T, Taxila, Pakistan

- Dr. Muhammad Saleem Khan, PhD CUI Islamabad, Pakistan
- Dr. Muhammad Shahzad Faisal, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Muhammad Shahid Iqbal Malik, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Muhammad Sharif, PhD, National University of Computer & Emerging Sciences, Islamabad, Pakistan

Besides, 04 non-PhD Assistant Professors and 18 Lecturers and 01 Research Associate are also associated with this department.

CUI, Sahiwal Campus

Professors

- Dr. Nazir Zafar, PhD, Kyushu University, Fukuoka, Japan

Associate Professors

- Dr. Javed Ferzund, PhD, Graz University of Technology, Graz, Austria

Assistant Professors

- Dr. Tariq Ali, PhD, University Technology Petronas, Malaysia
- Dr. Muhammad Shoaib, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Majid Hussain, PhD, University of Engineering and Technology, Lahore, Pakistan
- Dr. Mazhar Sadiq, PhD, University of Jyväskylä (Jyväskylän Yliopisto (JY)), Finland
- Dr. Muhammad Farhan, PhD, Computer Vision and Machine Learning, University of Engineering and Technology, Lahore
- Dr. Khalid Mahmood, PhD, Network Security, International Islamic University Islamabad

Besides, 01 non-PhD Assistant Professor, 27 Lecturers, 05 Lab Engineers 02 Research Associates and 02 Teaching Assistants are also associated with the department.

CUI, Vehari Campus

Assistant Professors

- Dr. Muhammad Rafiq, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Aqeel-ur-Rehman, PhD, Chongqing University, China
- Dr. Malik Muhammad Ali Shahid, PhD, University Technology Malaysia, Malaysia
- Dr. Zahid Abbas, PhD, University Technology Malaysia, Malaysia
- Dr. Salman Iqbal Malik, PhD, University of Malaya, Malaysia

Besides, 07 non-PhD Assistant Professors, 30 Lecturers, 10 Research Associates are also associated with the department.

Islamabad Campus

Research Groups

#	Group Name	Group Leader
1	ComSens (Communication over Sensors)	Dr. Nadeem Javaid
2	Information Security (Isec)	Dr. Abid Khan
3	Network Research Group (NRG)	Dr. Majid Iqbal Khan
4	Mobile Application Development Group	Dr. Naveed Ahmad
5	Real-time and Embedded Systems	Dr. Mukhtar Azeem
6	Software Engineering (SE)	Dr. Muhammad Asim Noor
7	Computer Vision and Pattern Recognition (CVPR)	Dr. Sheikh Ziauddin
8	Performance Evaluation and Enhancement of Computing Systems(PEECS)	Dr. Munam Ali Shah
9	Complex Systems Modeling, Simulation and Engineering (COSMOSE) research group.	Dr. Muaz A. Niazi
10	Semantic Web group	Dr. Mansoor Ahmed
11	Data Mining and Business Intelligence	Dr. Khalid Latif
12	Applied Security Engineering Research Group	Dr. Masoom Alam
13	Collaborative Computing research group	Dr. Malik Ahmed Kamran
14	Human Computer Interaction	Dr. Aimal Tariq Rextin

Research Projects

#	Project Title	Funding Agency	Group Leader
1	PINET pilot project	NRPU	Dr. Khalid Latif

Abbottabad Campus

Research Groups

#	Group Name	Group Leader
1	Cloud and Grid Computing(CGC)	Dr. Babar Nazir
2	Communication Systems and Innovative Technologies	Dr. Rafi us Shan
3	COMSATS Network Research Group (CNRG)	Dr. Usman Khalid
4	Information Security and Image Processing (ISIP)	Dr. Waqas Jadoon
5	Intelligent Systems and Environments	Dr. Ahmed Din
6	Mining Language Processing and Pattern Analysis (MLPA)	Dr. Sajid Shah
7	Research in Information and Cyber Security	Dr Mazhar Ali

Lahore Campus

Research Groups

#	Group Name	Group Leader
1	Software Engineering	Dr.Ghulam Rasool
2	Web Semantics and Services	Dr.Farukh Zeshan
3	Vision, Image, Graphics & Robotics	Prof. Dr.Zulfiqar Habib
4	Communication Networks	Prof. Dr. Syed Asad Hussain
5	Agent Systems and distributed Artificial Intelligence	Dr. Adnan Ahmad
6	Natural Language Processing and Technology	Dr.Rao Adeel Nawab
7	Database and operational intelligence	Dr. Hamid Turab
8	Intelligent Machines & Robotics	Dr. Wajahat Qazi

Research Projects

#	Project Title	Funding Agency	Group Leader
1	Cloud Computing Infrastructure For Clinical Decision Support System	DOST (Directorate of Science and Technology KPK)	Dr. Babar Nazir
2	Dynamic Connectivity Restoration Protocol For Wireless Sensor And Actuator Networks	Pakistan Higher Education Commission (HEC)	Dr. Babar Nazir
3	Recognition And Verification System For Paper Currency	CUI Research Grant	Mr. Allah Bux Sargano
4	Energy efficient fair path planning for non-holonomic mobile robots	Pakistan Higher Education Commission (HEC)	Prof. Dr. Zulfiqar Habib

Sahiwal Campus

Research Groups

#	Group Name	Group Leader
1	Formal Methods and Software Engineering	Prof. Dr. Nazir Ahmad Zafar
2	Big Data Analytics (BDA)	Dr. Javed Ferzund
3	Mobile and Pervasive Computing	Dr. Majid Hussain
4	Networks and Communications (NetComm)	Dr Tariq Ali
5	Computer Vision and Image Processing (CVIP)	Dr. Muhammad Shoaib

Attock Campus

Research Groups

#	Group Name	Group Leader
1	Internet, Communication, Network Group	Dr. Peer Azmat Shah
2	Pattern Recognition, Images and Data Engineering Pride	Dr. Khalid Iqbal

Faculty of Engineering

The Faculty of Engineering is functioning with four departments including Department of Electrical and Computer Engineering, Department of Chemical Engineering, Department of Mechanical Engineering and Department of Civil Engineering.

Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering at CUI Islamabad, Abbottabad and Wah Campuses was established in 2001 and at CUI Lahore, Attock and Sahiwal Campuses in 2002, 2007 and 2012 respectively. During this short span it has made big strides by offering conducive environment for studying various disciplines of Electrical Engineering. The curriculum ensures that the students learn not only the theoretical knowledge required in solving complex engineering problems and at the same time acquaints them with state of the art tools and techniques used in practice.



One of the main goals of the department is to actively achieve gender mainstreaming in its programs. Women are doing remarkable work in the engineering field today. Fields such as Computer Engineering, Telecommunication Engineering, Power Engineering and Electronics Engineering are offering congenial work environments for

females. As such there is an increased demand from the female students to enrol in the Engineering Department programs.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Electrical Engineering:

Bachelor of Science in Electrical (Electronics) Engineering

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics, Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 137 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campuses

- Islamabad and Abbottabad

Program Information

Bachelor of Science in Electrical (Electronics) Engineering is one of the oldest programs of Electrical Engineering. Electronics engineers have a broad spectrum of knowledge base which allows them to work in areas ranging from maintenance, management, design, and reverse

engineering.

Bachelor of Science in Electrical (Power) Engineering: BS (EPE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics, Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 136 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campuses

- Abbottabad

Program Information

In many countries, including the developed ones, the acute shortage of power engineers is being felt and it is estimated that in next five to ten years the scarcity of power engineers will reach a critical stage. With this scenario in mind and the inevitable addition of more power generation units to be set up in Pakistan, CUI felt the need to offer Electrical (Power) Engineering program at undergraduate level.



Bachelor of Science in Electrical Engineering: BS (EE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics, Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 133 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campuses

- Islamabad, Lahore, Wah, Attock, and Sahiwal

Program Information

Bachelor of Science in Electrical Engineering Program is designed to provide its graduates with a solid educational foundation on which they can build successful and sustainable careers in electrical engineering and related fields. The curriculum of Bachelor of Science in Electrical Engineering is developed with the objective to facilitate the teaching of common core courses and selection of courses of a particular major area like Power, Telecommunication, Electronics, Computer and Control. To enhance learning, workshops are often held such as 'Telecommunication Regulations'. Establishment of 'Center of Advanced Studies in Telecommunication (CAST) at CUI is another step in this direction. Industrial tours, Project exhibition events like 'TechnoMoot and EMCOT and seminars on 'Mobile Technology Development in Pakistan', 'High speed Optical

Communication', 'Design and Development of Multi-channel Digital Filters and their Applications in Tracking' and advanced mobile communication standards such as WiMAX and LTE etc are some of the strengths of the department.



Bachelor of Science in Computer Engineering: BS (CE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics, and Chemistry/Computer Science/Computer Studies having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 134 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campus

- Islamabad, Abbottabad, Lahore, and Attock

Program Information

Computer Engineering is an enormously vibrant area of study. It focuses on the design, analysis and application of the computer system. It is a practical field intended to solve real world problems by combining ideas from engineering with basic science. The curriculum of Bachelor of Science in Computer Engineering is developed in such ways that during the first year, reinforcement in science and mathematics subjects are provided. During the second year, graduates are reinforced with the Electronic Engineering and Computer Engineering fields. In the third and fourth year, major emphasis is on Computer Architecture and Interfacing, Digital Systems and Computer Science.

Faculty Members

CUI, Islamabad Campus

Professors

- Dr. Shahid Ahmed Khan, PhD, University of Portsmouth, UK
- Dr. Nassrullah Khan, PhD, Essex University, UK
- Dr. Junaid Mughal, PhD, University of Birmingham, UK

Associate Professors

- Dr. Raja Ali Riaz, PhD, Southampton University, UK
- Dr. Shurjeel Wyne, PhD, Lunds University, Sweden

Assistant Professors

- Dr. Adnan Iftikhar, PhD, North Dakota State University, USA
- Dr. Rabiah Badar, PhD, CUI Abbottabad, Pakistan
- Dr. Muhammad Aurangzeb Khan, PhD, Lancaster University, UK
- Dr. Junaid Ahmed, PhD, Manchester University, UK
- Dr. Haroon Ahmed Khan, PhD, Lancaster University, UK

- Dr. Adnan Fida, PhD, Universiti Brunei Darussalam, Brunei Darussalam, Brunei
- Dr. Naveed-ur-Rehman, PhD, Imperial College London, UK
- Dr. Bilal Ijaz, PhD, North Dakota State University, USA
- Dr. Kausar Abbas, PhD, Purdue University, Indiana, USA
- Dr. Muhammad Kaleem, PhD, Zhejiang University, China
- Dr. Syed Junaid Nawaz, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Amir Rashid Ch., PhD, Lancaster University, UK
- Dr. Adeel Mehmood, PhD, Universite de Technologie de Belfort Montbéliard, France
- Dr. Omar Ahmed, PhD, Politecnico Di Torino University of Italy, Italy
- Dr. Jawad Mirza, PhD, Victoria University of Wellington, New Zealand
- Dr. Syed Saud Naqvi, PhD, Victoria University of Wellington, New Zealand
- Dr. Muhammad Faisal Siddiqui, PhD, University of Malaya, Malaysia
- Dr. Shahrukh Agha, PhD, Loughborough University, UK
- Dr. Guftaar Ahmed Sardar Sidhu, PhD, Jacobs University, Germany
- Dr. Hammad Umer, PhD, Imperial College London, UK
- Dr. Moazzam Islam Tiwana, PhD, Institute National Des Telecommunication, France
- Dr. Sana Shuja, PhD, North Dakota State University, USA
- Dr. Muhammad Awais Javed, PhD, University of Newcastle, Australia
- Dr. Ali Arshad, CUI Islamabad, Pakistan
- Dr. Arooj Mubashara Siddiqui, PhD, Lancaster University, UK
- Dr. Adeel Israr, PhD, Technical University Darmstadt, Germany
- Dr. Ali Sohaib, PhD from University of the West of England Bristol, UK
- Dr. Riaz Hussain, PhD, CUI Islamabad Campus

- Dr. Khurram Saleem Alimgeer, PhD, CUI Islamabad Campus
- Dr. Abrar Ahmed, PhD, COMSATS IIT, Islamabad
- Dr. Bakhtiar Ali, PhD, COMSATS IIT, Islamabad
- Dr. Mahmood Qureshi, COMSATS IIT, Islamabad
- Dr. Tariq Bashir, PhD, COMSATS IIT, Islamabad
- Dr. Ali Khaqan, PhD, COMSATS IIT, Islamabad
- Dr. Sardar Muhammad Gulfam, PhD, COMSATS IIT, Islamabad
- Dr. Tariq Mahmood Khan, PhD, Macquarie University, Australia
- Dr. Ahmad Naseem Alvi, PhD, COMSATS IIT, Islamabad
- Dr. Shaista Jabeen, PhD, North Dakota State University, USA

Besides, 21 non-PhD Assistant Professors, 51 Lecturers, 19 Lab Engineers and 17 Research Associates are also part of this department.

CUI, Abbottabad Campus

Professors

- Dr. Laiq Khan, PhD, Power System Control, University of Strathclyde, Glasgow, UK
- Dr. Shahid Khattak, PhD, Technische Universität Dresden, Germany

Associate Professors

- Dr. Imdad Khan, PhD, University of Birmingham, UK
- Dr. Owais, PhD, Linköping University, Sweden

Assistant Professors

- Dr. Aamir Shahzad, PhD, University Technology Petronas, Malaysia
- Dr. Abdul Waheed Malik, PhD, Mid Sweden University, Sweden
- Dr. Ahmad Fayyaz, PhD, North Dakota State University, USA
- Dr. Alam Zaib, PhD, Norwegian University of Science and Technology, Saudi Arabia

- Dr. Ali Zahir, PhD, Politecnico de Torino Italy
- Dr. Arshad Wahab, PhD, North Western Polytechnical, China
- Dr. Bilal Khan, PhD, University of Sheffield, UK
- Dr. Ch. Arshad Mehmood, PhD, North Dakota University, United States
- Dr. Faisal Khan, PhD, University Tun Hussein ONN Malaysia
- Dr. Fazal Wahab Karam, PhD, Norwegian University of Science and Technology, Norway
- Dr. Ghulam Mujtaba, PhD, UK
- Dr. Hazrat Ali, PhD, University of Beijing, China
- Dr. Ihsan Ullah, PhD, Hanyang University, South South Korea
- Dr. Irfanullah, PhD, NDSU, USA
- Dr. Jabran Khan Jadoon, PhD, UNICE France
- Dr. Jamal Nasir, PhD, University Technology Malaysia
- Dr. Jawad Saleem, PhD, Mittuniversitetet Mid Sweden University, Sweden
- Dr. Mohsin Shahzad, PhD, Vienna University of Technology, Malaysia
- Dr. Muhammad Ali, PhD, North Dakota State University, USA
- Dr. Muhammad Amir Khan, PhD, University Technology Petronas, Malaysia
- Dr. Muhammad Bilal Qureshi, PhD, North Dakota State University, United States
- Dr. Muhammad Fahad, PhD, University of Peshawar, Pakistan
- Dr. Muhammad Shoaib Khaliq, PhD, Politecnico Di Torino, Italy
- Dr. Shoaib Azmat, PhD, Georgia Tech, USA
- Dr. Sohail Razzaq, PhD, The University of Lancaster, United Kingdom
- Dr. Syed Ayaz Ali Shah, PhD, University Technology Petronas, Malaysia
- Dr. Uzair Khan, PhD, Hanyang University, South South

Korea

- Dr. Zahid Mahmood, PhD, North Dakota State University, USA

Besides, 17 non-PhDs, 52 lecturers and 01 Research Associates are also associated with this department.

Engineering Resource Centre

Assistant Professors

- Dr. Abdul Majid, PhD, Mid Sweden University, Sweden

Besides, 11 Lab Engineers are also associated with this department.

CUI, Wah Campus

Associate Professors

- Dr. Muhammad Iqbal, PhD, Beijing University of Posts and Telecommunications, China
- Dr. Nadia Nawaz, PhD, Essex University, UK
- Dr. Rahim Dad Khan, PhD, East China University of Science & Technology, Shanghai, China
- Dr. Muhammad Altaf, PhD, Essex University, UK
- Dr. Muhammad Naeem, PhD, Simon Fraser University, Burnaby, Canada

Assistant Professors

- Dr. Ayaz Ahmad, PhD, Paris Sud University, France
- Dr. Muhammad Kamran, PhD, Graduate University of Chinese Academy of Sciences, Beijing, China
- Dr. Syed Rameez Naqvi, PhD, Vienna University of Technology, Austria
- Dr. Ashfaq Ahmed, PhD, Politecnico di Torino, Italy
- Dr. Muhammad Awais, PhD, Politecnico di Torino, Italy
- Dr. Sajjad Ali Haider, PhD, Chongqing University, China
- Dr. Tallha Akram, PhD, Chongqing University, China
- Dr. Wilayat Khan, PhD, Foscari University of Venice, Italy
- Dr. Zeeshan Kaleem, PhD, Inha University, Korea
- Dr. Aamir Qamar, PhD, School of Electrical Engineering, Chongqing University, China

- Dr. Hafiz Muhammad Omer Chughtai, PhD, University Technology Petronas, Malaysia
- Dr. Zahoor Uddin, COMSATS University Islamabad, Pakistan
- Dr. Umer Javed, Shanghai Jiao Tong University, China

Besides, 01 Principal Engineer, 05 non-PhD Assistant Professors, 10 Lecturers, 04 Research Associates and 03 Lab Engineer are also associated with this department.

CUI, Lahore Campus

Principal Engineer

- Dr. Saleem Akhtar, PhD, Ecole National Supérieure Des Telecommunication, France

Associate Professors

- Dr. Sobia Baig, PhD, Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Topi, Swabi, Pakistan
- Dr. Ejaz Ahmad Ansari, PhD, Asian Institution of Technology, Pathum Thani, Thailand

Assistant Professors

- Dr. Ali Nawaz Khan, PhD, Harbin Institute of Technology, China
- Dr. Imran Ghous, PhD, Nanjing University, China
- Dr. Muhammad Nadeem Rafiq, PhD, North Dakota State University, USA
- Dr. Muhammad Jawad, PhD, North Dakota State University, USA
- Dr. Jahanzeb Akhtar, PhD, Brunel University London, UK
- Dr. Mirza Tariq Humayun, PhD, University of Leicester, UK
- Dr. Asim Ali Khan, PhD, Manchester University, UK
- Dr. Syed Mujtaba Hussain Jaffery, PhD, University of Surrey, UK
- Dr. Muhammad Mubeen Masud, PhD, North Dakota State University, USA
- Dr. Muhammad Haris Khan, PhD, University of Nottingham, UK

- Dr. Hafiz Muhammad Asif, PhD, Lancaster University, UK
- Dr. Muhammad Naeem Awais, PhD, Jeju National University, South Korea
- Dr. Khurram Ali, PhD, Politecnico Di Torino, Italy
- Dr. Muhammad Naeem Shehzad, PhD, Université de Nantes, France
- Dr. Ikram Ullah Khosa, PhD, Politecnico Di Torino University of Italy, Italy
- Dr. Abbas Javed, PhD, Glasgow Caledonian University, UK
- Dr. Muhammad Yaqoob Javed, PhD, University of Science & Technology, China
- Dr. Ather Hanif, AP, Capital University Islamabad
- Dr. M. Farooq i Azam, PhD, The University of Lancaster, UK

Besides, 06 non-PhD Assistant Professors, 01 PhD Lecturer, 39 Lecturers, 11 Lab Engineers and 03 Research Associates are also associated with this department.

CUI, Attock Campus

Assistant Professors

- Dr. Muhammad Asif Zahoor Raja, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Shujaat Ali Khan Tanoli, PhD, Asian Institute of Technology, Bangkok, Thailand
- Dr. Ata ur Rehman, PhD, Politecnico Di Torino University of Italy, Italy
- Dr. Saeed Ehsan Awan, PhD, Pakistan Institute of Engineering and Applied Sciences, Nilore, Islamabad, Pakistan
- Dr. Ajmal Khan, PhD, Kyungpook National University, Korea
- Dr. Zuhaib Ashfaq Khan, PhD, Asian Institute of Technology, Bangkok, Thailand
- Dr. Faiza Nawaz, PhD, University Technology Petronas), Malaysia
- Dr. Farman Ullah, PhD, Korea Aerospace University,

South Korea, Korea

- Dr. Saeed ur Rehman, PhD, University Bretagne Sud, France
- Dr. Hafeez Anwar, PhD, Vienna University of Technology, Australia
- Dr. Fawad Zaman, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Syed Hashim Raza Bukhari, PhD CUI, Wah Campus, Pakistan
- Dr. Muhammad Ismail, PhD School of Electrical Engineering and Computer Sciences NUST, Islamabad Pakistan

Besides, 04 non-PhD Assistant Professors and 06 Lecturers and 03 Research Associates are also associated with this department.

CUI, Sahiwal Campus

Assistant Professors

- Dr. Saeeda Usman, PhD, North Dakota State University, USA
- Dr. Nazar Muhammad Idreess, PhD, Johannes Kepler University Linz, Austria
- Dr. Syed Aftab Naqvi, PhD, North Dakota State University, USA
- Dr. Saqib Saleem, PhD, Victoria University of Wellington, New Zealand
- Dr. Muhammad Abuzar Baqir, PhD, Kebangsaan, Malaysia
- Dr. Jehangir Arshad, PhD, Xindian University, P.R China
- Dr. Talha Younas, PhD, Xindian University, P.R China
- Dr. Ghulam Farid, PhD, Harbin Engineering University, P.R. China
- Dr. Muhammad Sohaib Yaseen, PhD, Shanghai Jiaotong University, P.R. China
- Dr. Ali Ehsan, PhD,

Besides, 04 non-PhD Assistant Professors and 09

Lecturers, 10 Lab Engineers and 01, Research Associate are also associated with the department.

Center for Advanced Studies in Telecommunication (CAST) at CUI Islamabad Campus

Center for Advanced Studies in Telecommunications (CAST) has been developed with the aim to provide an interface between university-based telecommunication activities and regional telecom industry, IT industry, software developers, government, community groups and so on. CAST from its inception has been focused on developing strong industry links, with specific regard to the practical implementation and realization of telecommunication technologies. It provide service to society by promoting quality research in ICT by virtue of its highly competent faculty and staff, state-of-the-art research facilities, synergistic relationships with regional industry and by providing an intellectually stimulating environment for problem – based research.

The Center also aims to conduct research and consultancy with an emphasis on application of knowledge in collaboration with government, industry, commerce, the professions and other community groups. Hence, CAST is a dynamic research Center drawing in talented researchers from all over the world and reacting rapidly to the changing technology. Undergraduate students can also undertake their final year projects under the supervision of the research scholars working in CAST.

Faculty Members

CUI, Islamabad Campus

Associate Professor

- Dr. Muhammad Farhan Shafique, PhD, Leeds Metropolitan University, UK

Assistant Professors

- Dr. Muhammad Mohsin Riaz, PhD, NUST, Islamabad,

Pakistan

- Dr. Qudrat Khan, PhD, Muhammad Ali Jinnah University, Islamabad, Pakistan
- Dr. Talha Faiz ur Rahman, PhD, The University of Trento, Trento, Italy
- Dr. Syed Abdul Mannan Kirmani, PhD, North Dakota State University, USA

Besides, 01 non-PhD Assistant Professors, 05 Lectures and 04 Research Associates are associated with this center.

Department of Chemical Engineering

The Department of Chemical Engineering at CUI Lahore Campus was launched in 2005, with a vision to produce outstanding chemical engineers equipped with extensive up-to-date technical knowledge and skilful hand-on-training to meet the changing demands of the society. The Department offers enabling academic as well as social environment to its students to nourish their mental faculties. It strives for producing chemical engineers who are distinguished by their innovative approach, professional competence and managerial skills, together with providing quality education with an emphasis on applied research and all possible international linkages.

Academic Programs Offered

Following undergraduate program is being offered by the Department of Chemical Engineering:



Bachelor of Science in Chemical Engineering: BS (ChE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics, and Chemistry having minimum of 60% marks or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks, from an accredited educational institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 137 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campus

- Lahore

Faculty Members

CUI, Lahore Campus

Professors

- Dr. Asad Ullah Khan, PhD, Imperial College London, UK
- Dr. Robina Farooq, PhD, East China University of Science & Technology, Shanghai, China

Advisor

- Dr. Javaid Ahmad, PhD, Brunel University, London, UK

Associate Professors

- Dr. Moin-ud-Din Ghauri, PhD, University of Sheffield, UK
- Dr. Mazhar Amjad Gilani, PhD, Technical University of Clausthal, Germany
- Dr. Murid Hussain Malik, PhD, Korea Advanced Institute of Science and Technology, Korea

- Dr. Noman-ul-Haq, PhD, Kyungpook National University, Teagu, Korea
- Dr. Zulfiqar Ali, PhD, Martin Luther University of Halle-Wittenberg, UK
- Dr. Aqeel Ahmad Bazmi, PhD, University Technology Malaysia (UTM), Malaysia
- Assistant Professors
- Dr. Sikandar Rafiq, PhD, University Technology Petronas, Malaysia
- Dr. Fahad Rehman, PhD, University of Sheffield, UK
- Dr. Aqeel Ahmad Khan, PhD, Manchester University, UK
- Dr. Javed Iqbal, PhD, Martin Luther University, Germany
- Dr. Abrar Faisal, PhD, Lulea University of Technology, Sweden
- Dr. Zakir Khan, PhD, University Technology Petronas, Malaysia
- Dr. Abrar Inayat, PhD, University Technology Petronas, Malaysia
- Dr. Asim Laeeq Khan, PhD, University of Leuven-Katholieke Universiteit Leuven, Belgium
- Dr. Muhammad Khaliq Majeed, PhD, University Technology Malaysia, Malaysia
- Dr. Faisal Ahmed, PhD, Hanyang University, Seoul, South Korea
- Dr. Muhammad Shahzad Khurram, PhD, Konkuk University, South Korea
- Dr. Muhammad Yasin, PhD, Gwangju Institute of Science and Technology, South Korea
- Dr. Maria Mustafa, PhD, Jeju National University, South Korea
- Dr. Um-e-Salma Amjad, PhD, Politecnico Di Torino, Italy
- Dr. Saif Ur Rehman, PhD, Korea Advanced Institute of Science and Technology, Korea
- Dr. Syed Muhammad Imran Hassan, PhD, Hanyang University, Seoul, South Korea
- Dr. Naim Rashid, PhD, Korea Advanced Institute of Science and Technology, South Korea

- Dr. Abdul Razzaq, PhD, Daegu Gyeongbuk Institute of Science and Technology, South Korea.

Besides, 08 non-PhD Assistant Professors, 15 Lecturers, 12 Laboratory Engineers and 16 Research Associates are also associated with this department.

Department of Mechanical Engineering

The CUI establish the Department of Mechanical Engineering in both CUI Sahiwal and Wah Campuses. The Department at Sahiwal Campus has initially launched the BS program in Mechanical Engineering and has inducted the first batch of students from Fall 2010.

Academic Programs Offered

Following undergraduate program is being offered by the Department of Mechanical Engineering:

Bachelor of Science in Mechanical Engineering: BS (ME)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics and Chemistry with minimum of 60% marks, or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 136 Cr. Hrs.

Offering Semesters

- Fall Only

Offering Campus

- Sahiwal, Wah

Program Information

The broad educational objective of the undergraduate program in Mechanical Engineering is to provide a solid foundation of mathematical, scientific and engineering knowledge and to inculcate a comprehensive understanding of theory and practice related to structural mechanics, thermo fluids, manufacturing, and design. It is a distinctive blend of engineering sciences with well-balanced laboratory work, design projects and manufacturing processes with extensive usage of computers and latest software packages that will serve the students throughout their careers.

Department of Mechanical Engineering aims to attract exceedingly motivated students and prepare them for life-long learning and practice of Mechanical Engineering in industry, government institutions and academia. The program also focuses on developing a sound knowledge to enable researchers to collaborate across disciplines taking into account the local resources, talent and needs to serve as a valuable resource for the people and the industry of the nation.

Faculty Members

CUI, Sahiwal Campus

Chief Engineer

Dr. Zahiruddin Shaikh, PhD, University of Sheffield, UK

Assistant Professors

- Dr. Muhammad Salman Mustafa, PhD, Politecnico Di Milano, Italy
- Dr. Muhammad Akram, PhD, Delft University of Technology, Netherlands
- Dr. Muhammad Rafi Raza, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Arslan Ahmad, PhD, University of Malaya, Malaysia
- Dr. Awais Ali, PhD, Technical University of Darmstadt,

Germany

- Dr. Monis Raza Kazmi, PhD, University of Auckland, New Zealand

Besides, 03 non-PhD Assistant Professors, 11 Lecturers, 09 Lab Engineers and 05 Research Associates / Assistants are also associated with the department.

CUI, Wah Campus

Professors

- Prof. Dr. Muhammad Abid, PhD, University of Strathclyde, Glasgow, UK

Assistant Professors

- Dr. Ali Usman, PhD, Kyungpook National University, South Korea
- Dr. Muhammad Abid, Technische Universitat Braunschweig, Germany
- Dr. Muhammad Shoaib Naseem, Korea Advanced Institute of Science and Technology, South Korea

Besides, 02 Lecturer 04 Lab Engineer is also associated with this department.

Department of Civil Engineering

The Department of Civil Engineering was established at CUI Abbottabad and Wah Campuses in Fall 2012 and at CUI Sahiwal in Fall 2015. The department offers a competitive four years degree program at the undergraduate level and two years MS program at the graduate level based on a comprehensive curriculum designed in accordance with the HEC and PEC guidelines and in line with international standards. The department has diverse and experienced faculty of international repute.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Civil Engineering:



Bachelor of Science in Civil Engineering: BS (CEE)

Entry Requirements

- Intermediate or equivalent with Physics, Mathematics and Chemistry with minimum 60% marks, or DAE in the same/relevant discipline of engineering as specified by Pakistan Engineering Council (PEC) with minimum of 60% marks from an accredited educational institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 137 Cr. Hrs.

Offering Semester

- Fall Only

Offering Campuses

- Abbottabad, Wah, and Sahiwal

Program Information

Civil Engineering is the oldest engineering profession that deals with the design, construction and maintenance of the physical and naturally built environment and plays a vital role in the progress and development of a modern society.

Bachelor of Science in Civil Engineering program at CUI aims to provide critical learning for broad foundation in structures, environmental engineering, geotechnical,

materials, water resources and transportation. Considerable emphasis is placed on group-based, open-ended design projects to provide students with the necessary skills for creative teamwork and to prepare them professionally for diverse employment opportunities. Preparation for professional practice and graduate studies is accomplished through careful selection of technical electives.

Faculty Members

CUI, Abbottabad Campus

Associate Professor

- Dr. Sanaullah Baloch, PhD, Institute National Des Sciences Appliquees De Toulou (United States)
- Dr. Tahir Ali Akbar, PhD, University of Calgary, Canada

Assistant Professor

- Dr. Muhammad Faisal Javed, PhD, University of Malaya, Malaysia
- Dr. Sardar Kashif ur Rehman, PhD, University of Malaya, Malaysia

Besides, 10 lecturers and 08 Lab Engineer are also associated with this department.

CUI, Wah Campus

Advisor

Prof. Dr. Saeed Ahmad, PhD, University of Sheffield, UK

Assistant Professors

- Dr. Badar ul Ali Zeeshan, PhD, Politecnico Di Torino, Italy
- Dr. Ahsen Maqsoom, PhD, Asian Institute of Technology, Thailand
- Dr. Tahir Mehmood, PhD, Asian Institute of Technology, Thailand
- Dr. Adnan Nawaz, PhD, Asian Institute of Technology, Thailand
- Dr. Hassan Ashraf, PhD, The University of Hong Kong,

Hong Kong

Besides, 01 non-PhD Assistant Professor, 05 Lecturer 05 Research Associates and 01 Lab Engineer is also associated with this department.

CUI, Sahiwal Campus

Chief Engineer

Dr. Abdul Ghaffar, PhD, University of Engineering and Technology, Lahore

Besides, 01 Lecturers, 03 Lab Engineers and 01 Research Associate are also associated with the department.

Faculty of Business Administration

The Faculty of Business Administration at CUI is an amalgam of three departments including Department of Management Sciences, Department of Development Studies and Department of Humanities.

Department of Management Sciences

The Department of Management Sciences started its journey at CUI about 12 years ago with a vision to develop skills of tomorrow's managers; and with its phenomenal ascent is presently one of the top departments in the country's higher education landscape. This department endeavours to contribute to the society by imparting quality education, distinguished by cutting edge technologies and modern managerial practices through learned faculty, interacting with leading Consultants, Entrepreneurs, Industrialist, Technology Experts and Global Educational partners. Our Department has one of the largest concentrations of doctoral degree holders faculty in the country and maintains multiple partnerships and cooperation agreements with prestigious universities across the globe.

Together with enjoying a good reputation among employers, our programs provide students a thorough insight into latest trends in management and business practices. In addition

to grooming the personality of our students and sharpening their communication skills, greater emphasis is laid upon the intellectual augmentation and perpetual development of students with curricular, co-curricular and extracurricular efforts.

Academic Programs Offered

Department of Management Sciences at CUI takes a lead by offering:

Bachelor of Science in Business Administration: BS (BA)

Entry Requirements

- Intermediate or equivalent with minimum 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 139 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Lahore, Abbottabad, Wah, Attock, Sahiwal, and Vehari



Program Information

Bachelor of Science in Business Administration program at CUI provides students the option to specialize in any of the different areas including Marketing, Finance, Human Resources Management, Entrepreneurship, International Business, Supply Chain Management and Banking and Finance

BS (BA) program prepares students for the competitive world of business by involving them to the real life business experiences and has been designed to:

- Familiarize students with the fundamental body of theoretical and applied knowledge of business
- Learn new tools and techniques to be applied in multi-cultural environment of globalization,
- Enable integration of formal academic learning with business related experiential learning.

Bachelor of Science in Accounting and Finance: BS (A&F)

Entry Requirements

- Intermediate or equivalent with minimum 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 135 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Lahore, Wah, Sahiwal, and Vehari

Program Information

The Bachelor of Accounting and Finance is designed for

students wishing to pursue a career in accounting and finance, either as an accountant in private practice or employed in industry, commerce or the public sector. It allows students to specialize solely in Professional Accounting, or both Professional Accounting and Applied Finance and provides them with the knowledge and technical skills they need to succeed in the accounting/finance field.

Accounting and Finance graduates will find employment at supervisory and mid carrier executive levels in a wide range of business careers such as accounting, auditing, taxation, finance, banking, investment, corporate planning, strategic business planning, treasury, information systems, management consulting and forensic accounting.

Faculty at the Department of Management Sciences is a blend of Professional FCMA's, FCA's & Doctoral Degrees, in various fields of Management, Finance, Islamic Banking, Operations & Research etc. They bring to classrooms their diversified experience and expertise that help students broaden their view and deepen their understanding of the contemporary business issues and practices.

Bachelor of Business Studies: BBS

Entry Requirements

- 14 years of education in relevant field with minimum 2.0/4.0 CGPA (semester system) or 50% marks (annual system) from an accredited educational institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 66 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, and Vehari

Program Information

Bachelors of Business Studies program at CUI has been initiated for the prospective students who wish to undertake business studies and explore their abilities outside their non-business educational thinking box. This two years program will meet the increasing demand for advanced business education which will not only combine text book learning with case study methodology but will also expose students to global business environment by facilitate development of their conceptual skills as well as personal growth.

The graduates of this program will have the clear understanding of financial theories and markets, the financial reporting system, and financial analysis, will be able to identify customer needs and participate in the process of developing products and services to meet these needs. On completion, the students will actually be able to put knowledge to work and will feel comfortable performing the responsibilities of a leader, critical thinking, communication and interpersonal skills, management, marketing, finance and global business.

Master of Public Administration: MPA

Entry Requirements

- Bachelor degree (14-year) or equivalent with minimum of 50% marks from an accredited institution.
- Valid NTS test score as per CUI policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 69 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Attock and Wah

Program Information

Master of Public Administration program enables graduates for smart and effective management of public sector in order to best utilize the available resources and foster thinking process of future nation.

Master of Business Administration (Executive, 2 Years): MBA (Exe)

Entry Requirements

- 14 years of education in relevant field with four years of work experience having minimum of 2.0/4.0 CGPA (semester system) or 50% marks (annual system)
- Valid NTS test score as per CUI policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 66 Cr. Hrs.

Offering Semester(s)

- Fall and Spring

Offering Campuses

- Islamabad, Abbottabad, Wah, Lahore, Attock, Sahiwal, and Vehari



Program Information

An Executive MBA program provides an opportunity for professionals to obtain a Master's degree in Business Administration on a schedule that minimizes disruption of work and personal pursuits. This two year MBA (Exe) program will meet the increasing demand for advanced business educations which will not only combine text book learning with case study methodology but will also expose professionals to a competitive environment which will facilitate development of their conceptual skills as well as personal growth. It builds on the strengths of our full-time MBA program, and offers rigorous studies. Professional Managers, Leading Industrialist, Learned Senior Faculty and consultants build leadership and analytical skills; a must for Smart Managers.

Faculty Members

CUI, Islamabad Campus

Associate Professors

- Dr. Muhammad Zahid Iqbal, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Muhammad Majid Khan, PhD, University of Massachusetts, USA

Assistant Professors

- Dr. Faheem Aslam, PhD, Hanyang University, Seoul, China
- Dr. Yasir Tariq Mohmand, PhD, South China University of Technology, China
- Dr. Usman Ayub, PhD, CUI Islamabad, Pakistan
- Dr. Muhammad Aamir Khan, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Amir Rafique, PhD, SZABIST, Islamabad, Pakistan
- Dr. Muhammadi Sabra Nadeem, PhD, CUI Islamabad, Pakistan
- Dr. Hashim Khan, PhD, Universiti Tun Hussein Onn Malaysia, Pakistan

- Dr. Malik Ikramullah, PhD, Gomal University, D.I.K., Pakistan
- Dr. Osman Sadiq Paracha, PhD, University Technology Malaysia (UTM), Malaysia
- Dr. Sher Akbar, PhD, Sains University, Malaysia
- Dr. Munnawar Naz Khokhar, PhD, University of Cordilleras, Philippines
- Dr. Imran Abbas Jadoon, PhD, University Technology Malaysia (UTM), Malaysia
- Dr. Mansoor Ahmed, PhD, Leeds University, UK
- Dr. Noureen Adnan Khan, PhD, Cardiff University, UK
- Dr. Muhammad Abubakar Saeed, PhD, Middlesex University London, UK
- Dr. Aneel Salman, PhD, Rensselaer Polytechnic Institute, Troy, USA
- Dr. Muhammad Mustafa Raziq, PhD, Massey University, New Zealand
- Dr. Malik Faisal Azeem, PhD, Iqra University, Islamabad
- Dr. Naveed Raza, PhD, Universiti Malaysia Terengganu, Malaysia
- Dr. Raja Saquib Yusaf Janjua, PhD, Institute of Change Management Development, Vienna. University of Economics & Business Administration, Austria
- Dr. Muhammad Tahir, PhD, Malaysia
- Dr. Omer Farooq Malik, PhD, University Pertahanan Nasional, Malaysia
- Dr. Muhammad Khalid Sohail, PhD, Capital University of Science & Technology, Islamabad

Besides, 30 non-PhD Assistant Professors, 44 Lecturers and 04 Research Associates are also part of this department.

CUI, Abbottabad Campus

Professor

- Dr. Syed Amjad Farid Hasnu, PhD, Doctor of Philosophy (Business Economics), University of Bradford, UK

Associate Professor

- Dr. Kashif Rashid, PhD, Doctor of Philosophy in Finance, Victoria University, Melbourne, (Australia)

Assistant Professors

- Dr. Asim Afridi, PhD, Marseille University France
- Dr. Aziz Ullah Sayal, PhD, CUI Abbottabad, Pakistan
- Dr. Bilal Bin Saeed, PhD, University of Science and Technology Beijing, China
- Dr. Imran Khan, PhD, Hacettepe University, Turkey, Turkey
- Dr. Imran Naseem, PhD, Qurtaba University, D.I Khan, Pakistan
- Dr. Malik Fahim Bashir, PhD, Huazhong University of Science and Technology, China
- Dr. Mansoor Shahab, PhD, Chinese Academy of Sciences, China, China
- Dr. Muhammad Saeed Lodhi, PhD, University of Hradec Kralove, Czech Republic
- Dr. Muhammad Tahir, PhD, University of Brunei Darussalam, (Brunei Darussalam)
- Dr. Shakir Hafeez, PhD, Kunming university of Science and Technology, China
- Dr. Yasar Bin Tariq, PhD, M.A.J.U, Pakistan
- Dr. Tahir Akhtar, PhD, UTM, Malaysia

Besides, 14 non-PhDs, and 26 lecturers are also associated with this department.

CUI, Wah Campus

Associate Professors

- Dr. Saqib Gulzar, PhD, Harbin Institute of Information Technology, China
- Dr. Samina Nawab, PhD, Institute of Policy and Management, Beijing, China
- Dr. Abdul Qayyum Khan, PhD, University of Peshawar, Pakistan

Assistant Professors

- Dr. Majid Jamal Khan, PhD, University de Rennes 1, France
- Dr. Amer Rajput, PhD, University Technology Malaysia, Malaysia
- Dr. Syeda Tamkeen Fatima Jafri, PhD, Ruhr University Bochum, Germany
- Dr. Khurram Shafi, PhD, Huazhong, University of Science and Technology, China
- Dr. Muhammad Yar Khan, PhD, University of Glasgow, UK
- Dr. Ayaz Qadeer, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Faheem A. Khan, Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Islamabad, Pakistan

Besides, 02 non-PhD Assistant Professors, 13 Lecturers, 01 Research Associate are also associated with this department.

CUI, Lahore Campus

Associate Professors

- Dr. Muhammad Amir Rashid, PhD, University Technology Malaysia, Malaysia

Assistant Professors

- Dr. Hafiz Muhammad Usman, PhD, Lancaster University, UK
- Dr. Asma Imran, PhD, Foundation University Islamabad, Pakistan
- Dr. Ammar Abid, PhD, Zhongnan University of Economics and Law, China
- Dr. Zafar-uz-Zaman Anjum, PhD, Wuhan University of Technology, China
- Dr. Muhammad Ibrahim Abdullah, PhD, Chongqing University, China
- Dr. Ahmad Qammar, PhD, University of Sheffield, UK
- Dr. M. Ali Jibran Qamar, PhD, University of Gloucestershire, UK

- Dr. Imran Shafique, PhD, University Technology Malaysia, Malaysia
- Dr. Ghulam Hussain, PhD, University Technology Malaysia, Malaysia
- Dr. Muhammad Usman, PhD, University of International Business and Economics, China
- Dr. Basharat Naeem, PhD, CUI Lahore, Pakistan
- Dr. Sajid Nazir, PhD, CUI Lahore, Pakistan
- Dr. Saleha Javed, AP, Taylors University, Malaysia

Besides, 21 non-PhD Assistant Professors, 01 Sr. Research Officer, 02 PhD Lecturer, 24 Lecturers and 04 Research Associates are also part of this department.

Centre of Islamic Finance

Associate Professors

- Dr. Abdus Sattar Abbasi, PhD, National University of Modern Languages, Islamabad, Pakistan

Assistant Professors

- Dr. Waheed Akhter, PhD, National University of Modern Languages, Islamabad, Pakistan

Besides, 01 Research Associates are also part of this department.

CUI, Attock Campus

Assistant Professors

- Dr. Saddam Hussain, PhD, University of Peshawar, Pakistan
- Dr. Shabir Hyder, PhD, Federal Urdu University of Arts, Science and Technology, Islamabad, Pakistan
- Dr. Muhammad Shakil Ahmed, PhD, University Technology Malaysia, Malaysia
- Dr. Muhammad Imran Malik, PhD, Foundation University Islamabad, Pakistan
- Dr. Faisal Nawaz, PhD, CUI Islamabad, Pakistan
- Dr. Noman Khan, PhD, Qurtaba University, Peshawar

Pakistan

- Dr. Muhammad Ayub, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Asim Anwar, PhD, Federal Urdu University of Arts, Science & Technology, Islamabad, Pakistan
- Dr. Kh. Fawad Latif, PhD, Abasyn University, Peshawar, Pakistan
- Dr. Syed Asim Shah, PhD, Iqra National University, Peshawar, Pakistan
- Dr. Waqas Hanif, PhD, Iqra National University, Islamabad, Pakistan
- Dr. Inyat Ullah, PhD, KDI School of Public Policy, South Korea
- Dr. Muhammad Yasir, PhD Ege University, Turkey
- Dr. Faisal Shahzad, PhD Air University, Islamabad Pakistan

Besides, 02 non-PhD Assistant Professors, 18 Lecturers and 02 Research Associates are also part of this department.

CUI, Sahiwal Campus

Assistant Professors

- Dr. Muhammad Asrar-ul-Haq, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Irem Batool, PhD, Pakistan Institute of Development Economics, Islamabad, Pakistan
- Dr. Hafiz Muhammad Arshad, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Khurram Abbas, PhD, Central South University, P.R China
- Dr. Minhas Akbar, PhD, Zhongnan University of Economics and Law, P.R China
- Dr. Saqib Ali, PhD, University of Utara Malaysia
- Dr. Mazhar Javed, PhD, CUI, Lahore Campus
- Dr. Qamar uz Zaman Malik, PhD, CUI, Lahore Campus
- Dr. Saira Aziz, PhD, University of Science and Technology, China

- Dr. Salman Zulfikar, PhD, University of Science and Technology, China
- Dr. Muhammad Kaleem Khan, PhD, Beijing Uni, of Posts & Tel. China

Besides, 04 non-PhD Assistant Professors, 16 Lecturers and 02 Research Associates are also part of this department.

CUI, Vehari Campus

Associate Professor

- Dr. Khuda Baksh, PhD, University of Agriculture, Faisalabad, Pakistan

Principal Research Officer

- Dr. Asad Afzal Humayon, PhD, Foundation University, Islamabad, Pakistan

Assistant Professors

- Dr. Sajid Haider, PhD, Rey Juan Carlos University Madrid, Spain
- Dr. Jamil Ahmad, PhD, SiChuan University, China
- Dr. Orangzab, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Rafaqat Ali, PhD, Gomal University, D.I.K., Pakistan
- Dr. Mazhar Abbas, PhD, University Utara Malaysia, Malaysia
- Dr. Muhammad Ashraf, PhD, University of Malaya, Malaysia
- Dr. Muhammad Imran Khan, PhD, Qurtuba University of Sciences and Information Technology, D.I.Khan, Pakistan
- Dr. Munir Ahmed, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Muhammad Sajjad, PhD, Foundation University, Islamabad, Pakistan
- Dr. Dilshad Ahmad, PhD, Gomal University, D.I.K., Pakistan
- Dr. Muhammad Irfan, PhD, National College of Business

Administration and Economics, Pakistan

- Dr. Qaiser Aman, PhD, Qurtuba University of Sciences & Information Technology, D.I.Khan, Pakistan
- Dr. Muhammad Asim Yasin, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Bilal Tariq, PhD, University Technology Malaysia, Malaysia
- Dr. Muhammad Sohail Tahir, PhD, University Technology Malaysia, Malaysia

Besides, 05 non-PhD Assistant Professors, 39 Lecturers and 06 Research Associates are also part of this department.

Department of Economics

The Department of Economics at COMSATS University is committed to uphold high standards of academic excellence through quality education. The aim of the department is to provide students with the intellectual and analytical tools and skills necessary for being critical thinkers and for using the analytical tools to investigate, confront and solve problems associated with important economic, political and social issues. All the degree programs offered are recognized by HEC, Pakistan, and are accredited with national bodies. The courses offered are very helpful in preparing the students to be leaders in the society. One of the core missions of the department is to conduct first-hand research in economics. Students are trained with innovative qualitative and quantitative methods of research. Their knowledge facilitates them with a career path in different fields of life.

Bachelor of Science in Economics: BS (Eco)

Entry Requirements

- Intermediate or equivalent with minimum 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Abbottabad, Vehari and Lahore

Program Information

Bachelor of Science in Economics program is designed to equip graduates with comparative knowledge of economic theory and applied economics. This program offers a combination of theoretical and practical courses with economic application to illustrate their abilities at workplace. The degree is based around the core of micro and macroeconomics, focusing on behaviour of individuals and firms and broader issues such as employment and inflation. The graduates of this program will be able to work as economists in public or private sector; commercial banks, NGOs, teaching and other institutions involved in training, consultancy, research, and policy development and formulation, and further their education by joining research areas in MS/PhD.



Master of Economics: M.Sc (Eco)

Entry Requirements

- Bachelor degree (14-year) with Economics having minimum of 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 69 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Vehari

Program Information

Master of Economics (M.Sc) program is designed to impart theoretical and applied knowledge in the field of Economics at undergraduate level and equips the students with conceptual and analytical skills required to have a better understanding of economic problems. This program also provides students with an opportunity to apply this knowledge by undertaking research and field work. The career potential for the program is enormous and the graduates may find opportunities in the public and private sector national and international organizations, business and furthering their education through MS/PhD.

Faculty Members

CUI, Islamabad Campus

Professor

- Dr. Khalid Riaz, PhD, Iowa State University, USA

Associate Professors

- Dr. Muhammad Arshad Khan, PhD, Pakistan Institute of

Development Economics (PIDE), Islamabad, Pakistan

- Dr. Muhammad Zakaria, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Assistant Professors

- Dr. Saima Nawaz, PhD, Pakistan Institute of Development Economics (PIDE), Islamabad, Pakistan
- Dr. Muhammad Irfan, PhD, Federal Urdu University of Arts, Science & Technology (FUUAST), Islamabad, Pakistan
- Dr. Mumtaz Ahmed, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Muhammad Iftikhar ul Husnain, PhD, Federal Urdu University of Arts, Science & Technology (FUUAST), Islamabad, Pakistan
- Dr. Muhammad Aamir Khan, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Mudassar Rashid, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Nabila Khurshid, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Usman Shakoor, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Shahzad Kouser, PhD, The Georg-August-University Gottingen, Germany
- Dr. Farhad Zulfiqar, PhD, Asian Institute of Technology, Thailand

Besides, 12 PhD Assistant Professors, 02 Non-PhD Assistant Professors, 03 Lecturers and 01 Research Associates are also part of this department.

CUI, Lahore Campus

Associate Professors

- Dr. Hafiz Zahid Mahmood, PhD, Humboldt Universitat Zu Berlin, Germany
- Dr. Abdul Haque, PhD, Huazhong University of Science & Technology, China

Assistant Professors

- Dr. Fariha Rehman, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Khan, PhD, Federal Urdu University of Arts, Science and Technology, Islamabad, Pakistan
- Dr. Sumaira Malik, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Rafi Amir ud Din, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Ahmad Nawaz, PhD, Goettingen University, Germany
- Dr. Abdul Farooq, PhD, National College of Business Administration and Economics, Lahore
- Dr. Wajiha Manzoor, PhD, UIBE, China
- Dr. Rao Muhammad Atif, PhD, Huazhong University of Science & Technology, China

Besides, 02, Non-PhD Assistant Professors, 02 Lecturers are also part of this department.

Department of Development Studies

As a premier institution of the region and on the basis of a prioritized need assessment, CUI expanded its role to encompass Development Studies as a separate department in 2004. Development Studies is an interdisciplinary field in which emphasis is placed on the study of societies, economies and institutions of the developing countries, their inter-connectedness with the developed world and processes through which the international institutions and mechanisms impact upon the overall goals of development within a global context. After completing development studies programs, many job opportunities can be availed in both national and international market.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Development Studies:

Bachelor of Science in Development Studies: BS (DS)

Entry Requirements

- Intermediate or equivalent with minimum of 50% marks (annual system) from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

Bachelor of Science in Development Studies program has been designed in which students have the option to specialize in any of the areas including rural development, environment and development, disaster management, gender and development and development project planning and management.

This program aims at providing prospective students with an:

- In-depth study of the current and emerging development paradigms, initiatives and debates;
- Emphasis on sustainable development and its inter-connectedness and importance for Pakistan;
- Ability to approach and identify micro-development issues emerging from the broader context of globalization; economic and political transformation;
- Project planning and management skills and ability to carry out and evaluate development programs using

- different planning and management tools; and
- Knowledge and skills of conducting action research social surveys using different methods and techniques that lead to seek and evaluate new information in different but relevant contexts.



Master of Development Studies: (MDS)

Entry Requirements

- Bachelor Degree (14-Year) or equivalent with minimum of 50% marks, from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 70 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

Master of Development Studies program has been designed with specific focus on courses that mostly base on

the emerging and contemporary current trends related to socio-economic development and interrelated spheres within the overall framework of sustainable development. The program has been designed in a way where it leads to professional advancement and increased options and opportunities in the private and public sectors of the regional, national and international markets. Students of this program have the option to specialize in any of the areas including rural development, environment and development, disaster management, gender and development and development project planning and management.

For those already employed, this program will provide them an opportunity to enhance their professional skills and will prepare them to take up higher positions with greater knowledge of field and broader vision.

Faculty Members

CUI, Abbottabad Campus

Associate Professor

- Dr. Bahadur Nawab, PhD, Norwegian University of Life Sciences, Norway

Assistant Professors

- Dr. Adnan Ahmad Dogar, PhD, Universite Clermont Ferrand-II, France
- Dr. Arif Alam, PhD, Tottori University, Japan
- Dr. Ikram Shah, PhD, University of Karachi, Pakistan
- Dr. Noor Elahi, PhD, Norwegian University of Life Sciences, Norway
- Dr. Siddique Ullah Baig, PhD, UTM Malaysia
- Dr. Zahid Hussain, PhD, NWFP Agricultural University Peshawar, Pakistan
- Dr. Syed Muhammad Amir, PhD, China Agriculture University

Besides, 02 non-PhD Assistant Professors and 04 lecturers

are also associated with this department.

Department of Humanities

The Department of Humanities at CUI has the highly qualified faculty members of many The Department of Humanities at CUI has the highly qualified faculty members of many different fields including English Language, English Literature, Applied Linguistics, Psychology, French, Islamic Studies, International Relations, and Pakistan Studies.

The Department offers world-class teaching and research, backed by the superb resources of the library, e-library and language laboratories. Such historic resources are linked to cutting-edge agendas in research and teaching, with an increasing emphasis on interdisciplinary study addressing practical, educational and personality building issues significant to learners, educators, policy makers, communication professionals, and human resources managers. The Department of Humanities is continually pioneering new ways to teach and assess language, to research written discourse, and to teach writing for specific purposes.

Along with facilitating students to enhance effective English-usage at its best, the department plays a pivotal role in making students aware of their religious and moral values by teaching Islamic Studies, keeping track of the current political and social issues through courses of Pakistan Studies and International Relations, and making our youth aware of the humanitarian standards catering to their emotional well-being through Sociology and Psychology.



Academic Programs Offered

Following undergraduate programs are being offered by the Department of Humanities:

Bachelor of Science in Psychology: BS (Psychology)

Entry Requirements

- Twelve years of education or equivalent with minimum of 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 133 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad and Lahore

Program Information

Bachelor of Science in Psychology program offers an extensive and diverse selection of courses that are taught both in classroom settings and in the field. This program focuses on several psychological topics such as human development, abnormal psychology, childhood psychology, adolescent psychology, brain and behaviour, cognitive psychology, emotion and motivation, beginning statistics, general psychology, and social psychology, neuropsychological and environmental psychology.

Bachelor of Science in Media and Communication Studies: BS (CMS)

Entry Requirements

- Intermediate or equivalent with minimum 50% marks

from an accredited institution

- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 135 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Lahore

Bachelor of Science in English: BS (English)

Entry Requirements

- Intermediate or equivalent with minimum 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Vehari

Program Information

BS (English) program is based on specialized curriculum catering to the future career needs of its students. The program particularly aims at developing the English language skills, interpretive abilities and the cultural awareness of its students by maintaining and enhancing the tradition of strong teaching, solid scholarship and vigorous

support of creative literary activities. We consider research and teaching as interdependent and mutually enhancing academic practices. Classrooms are where scholarly perspectives and assumptions are tested. Lectures, seminars and workshops at the department are not simply information but designed to pose fundamental and theoretical questions to encourage students to develop research questions and areas of their own interest.

Master of Arts in English: M.A (English)

Entry Requirements

- Bachelor Degree (14-Year) with English compulsory or equivalent with minimum of 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum 69 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Vehari

Program Information

Master of Arts in English program is designed specifically for the students who want to attain a Master's level knowledge of English Language and Literature. The program covers the historical development of English, its various genres, through the ages. Moreover, it initiates learners into the theoretical grounding of literature and offers study of literary texts in their social and historical contexts, and ways of interpreting them, theories of learning and teaching language and modern concepts of linguistics. Through directed reading and focused discussion, students are

offered the opportunity to develop their skills in textual analysis and to extend their awareness of different ways of reading and creative writing.

Faculty Members

CUI, Islamabad Campus

Assistant Professors

- Dr. Inayat Kaleem, PhD, University of Peshawar, Pakistan
- Dr. Ghulam Shabbir, PhD, University of Karachi, Pakistan
- Dr. Muhammad Nawaz, PhD, International Islamic University, Pakistan
- Dr. Samia Wasif, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Sohail Ahmed, PhD, University of Peshawar, Pakistan
- Dr. Waqar Hussain, PhD, University of Peshawar, Pakistan
- Dr. Farhat Nisar, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Aisha Jadoon, PhD, National University of Modern Languages, Islamabad, Pakistan
- Dr. Rizwan Naseer, PhD, Jinlin University, China
- Dr. Arshad Bashir, PhD, Applachin State University, USA
- Dr. Muhammad Mubeen, PhD, Ecole National Superior Des Telecommunication, France
- Dr. Fasih Ahmed, PhD, University of Nantes, France
- Dr. Bushra Sadiq, PhD, Université de Franche-Comté Besançon, France
- Dr. Mubeen Akhtar, PhD, Georg August-University Gottingen, Germany
- Dr. Fayyaz Ahmed Faize, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Mirza Naveed Baig, PhD, National University of Modern Languages, Islamabad
- Dr. Ayesha Inam, PhD, Quaid-I-Azam University, Islamabad
- Dr. Amna Saeed, PhD, NUML, Islamabad

Besides, 08 non-PhD Assistant Professors, 26 Lecturers

and 07 Research Associates are also part of this department.

CUI, Abbottabad Campus

Professor

- Dr. Muhammad Mushtaq Khan, PhD, University of Groningen, Netherlands

Assistant Professors

- Dr. Rabbiah Rustam, PhD, University of Azad Jammu and Kashmir, Pakistan
- Dr. Sardar Muhammad, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Zahid Shah, PhD, University of Peshawar, Pakistan
- Dr. Nasir Ali Khan, PhD, University of Karachi, Pakistan

Besides, 02 non-PhD ,s and 16 Lecturers are also part of this department.

CUI, Lahore Campus

Assistant Professors

- Dr. Muhammad Ammad UI Haque, PhD, University of Karachi, Pakistan
- Dr. Aasia Nusrat, PhD, University of Nantes, France
- Dr. Musferah Mehfooz, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Shameem Fatima, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Muhammad Zubair, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Farzana Ashraf, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Muneeba Shakeel, PhD, University of Karachi, Pakistan

Besides, 07 non-PhD Assistant Professors, 01 Manager (Community & Liaison), 01 Sr. Research Officer, 01 PhD Lecturer, 23 Lecturers and 01 Research Associates are also associated with this department.

CUI, Vehari Campus

Assistant Professors

- Dr. Asma Ashraf, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Abdul Razzaq Azad, PhD, University of Karachi, Pakistan
- Dr. Ali Ahmad, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Zahoor Ahmed, PhD, University of Utra, Malaysia
- Dr. Muhammad Shafiq, PhD, Quaid-e-Azam University Islamabad, Pakistan
- Dr. Sadia deep, PhD, University Tun Hussain Onn, Malaysia (UTHM), Malaysia

Besides, 01 Non-PhD Assistant Professors, 12 Lecturers, and 02 Research Associates are also part of this department.

Center for Policy Studies (CPS) at CUI Islamabad Campus

Assistant Professors

- Dr. Muhammad Shakeel Ahmad, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Imran Syed, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Tanveer Zahara Bukhari, Ph.D, Indiana University, Bloomington Indiana, USA
- Dr. Ghulam Shabbir, Doctorate in Islamic Studies, University of Karachi, Karachi
- Dr. Saeed Anwar, PhD, International Islamic University, Islamabad
- Dr. Kalsoom Bebe Sumra, PhD, Huazhong University of Science & Technology, Wuhan, China

Inter-Islamic Network on Information Technology (INIT) at CUI Islamabad Campus

Assistant Professor

- Dr. Akber Abid Gardezi, PhD, Sussex University, UK

Faculty of Science

The Faculty of Science is one of the largest faculties of CUI and comprises of nine departments including, Department of Biosciences, Department of Physics, Department of Meteorology, Department of Pharmacy, Department of Environmental Sciences, Department of Earth Sciences, Department of Chemistry, Department of Mathematics and Department of Statistics.

Department of Mathematics

Department of Mathematics started offering its BS, MS, PhD, Programs immediately after its establishment at different campuses. It is also providing services to all other departments by offering more than 100 courses at graduate/undergraduate level every semester at each campus.

At present, PhD and BS Mathematics programs are running at Islamabad and Lahore Campuses. Department of Mathematics at Islamabad campus has produced about 72 PhDs. Department is offering its MS Program at all campuses and the number of MS graduates exceeds 300 to-date. Mathematics is essential in understanding all technological developments of our age like computer games, GPS, smart phones etc. This beautiful subject has got recognition in all aspects of human life like basic sciences, engineering, computer sciences, bio-sciences, medicine, environmental sciences, social sciences, management, economics, governance, etc. Mathematicians have an opportunity to make a lasting contribution to society by helping to solve problems in these diverse fields. It has relevance to fields of aerospace, oil exploration, electronics, weather prediction, management positions, teaching and research, accounting and financial analysis and defense related disciplines. Thus, it is a subject that can never lose its academic utility or professional value.

The advent of computers and data acquisition facilities has stretched the limits of what is possible in Mathematics to all branches of human endeavour. New developments are taking place all the time; some as a result of fresh ideas or review of old techniques, and others prompted by the applications to new and emerging physical, biological and social sciences, economics, and computing. This has given rise to new IT based techniques of mathematical study and has created new computational methodologies.

The Department aims to pursue excellence in Mathematics through teaching and research by developing appropriate curricula and teaching practices, acquiring talented faculty members, and providing an environment conducive to teaching and learning of qualitative as well as quantitative skills.

Academic Programs Offered

Following undergraduate programs are being offered by the Department of Mathematics:

Bachelor of Science in Mathematics: BS (Math)

Entry Requirements

- F.A/F.Sc/ICS/A-Level or equivalent Higher Secondary School Certificate (HSSC) from an accredited institution with the subject of Mathematics having minimum 50% marks
- Valid NTS score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 133 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad, Lahore, Attock and Vehari

Program Information

The human endeavor has raised the study and research of all disciplines including sciences and social sciences to the level that we need a unifying approach to solve the problems for development. Mathematics is the ultimate solution for unification as it is the language of science and systematic approach to human thought.

The four year BS program in Mathematics at CUI is one of the strongest and oldest BS mathematics program in Pakistan, which serves as incubation period to the future researchers. After BS the students come out as hot cakes to get mould into future academicians/researchers.

In 21st century, mathematics graduate demonstrated their skills in finance industry, insurance companies, medical science, weather predictions, computer science, networks, architecture etc.

The BS program aims to provide the students with mathematical skills they need to excel in Mathematics for further studies such as MS/PhD and work in different above mentioned disciplines. The BS program at CUI is very rich and fruitful in many perspectives:

➤ Diversity

The last two semesters of the BS program consist of optional courses which students can choose conveniently due to the presence of large number of PhD faculty and their specialization in different fields. A student has to write a thesis (project) in the last semester on some topic of Mathematics preferably towards the application of Mathematics. “Fractals in Music”, “Women in Mathematics”, “Quantitative analysis of population growth models”, “On the blow-up phenomena for some nonlinear fractional equation”, and “Solution of ordinary linear differential equation using single and multistep numerical

methods” are few to name which BS students have successfully completed in recent years.

➤ Quality

The best quality check is the recognition of leading contemporaries. A good number of BS graduates secured admissions in leading universities which includes Oxford University, University of Illinois, University of Warwick, Cambridge University, North Dakota State University, etc., and successfully completed their MS and PhD degrees. The mathematics graduates of CUI are also working at national organizations like PAEC, KRL, and SPARCO etc.

➤ Exchange program

CUI mathematics department has collaborations with international universities and offer exchange program for faculty and students. Presently there are two exchange programs for BS students, Mevlana exchange program (with Turkish Universities) and EMMA (with German Universities). Under these programs, number of students after fourth semester are selected on the merit and spend one semester at collaborative international universities.

➤ Scholarships

CUI has taken initiative to offer 100-150 merit based scholarships per year (covering full tuition fee) for BS Mathematics at Islamabad campus and Lahore Campus. The primary objective is to attract number of good students towards Mathematics studies. This initiative is crucial for developing and fostering mathematics in the society and for its economic growth and sustainability as permission of CUI.

Master of Mathematics: M.Sc (Math)

Entry Requirements

- B.A/B.Sc with Mathematics as major subject having minimum of 50% marks from an accredited educational institution without any third division (annual system) or D grade (semester system) in academic career
- Valid NTS test score as per CUI policy

Duration

- Minimum: 4 Semesters; 2 years
- Maximum: 6 Semesters; 3 years

Credit Hours Requirements

- Minimum: 66 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Attock and Sahiwal

Program Information

An M.Sc degree in Mathematics will prepare students with suitable qualifications for jobs in the department of mathematics, statistics, actuarial sciences, mathematical modeling and cryptography; for teaching as well as for research studies leading to MS and further to PhD.

Mathematics is one of the most mature and well-developed disciplines of basic sciences. The study of Mathematics is not only exciting, but also important. Mathematicians have an opportunity to make a lasting contribution to society by helping to solve problems in diverse fields such as medicine, computer sciences, physics, psychology, engineering, management, economics, governance, and social sciences. Thus, it is a subject that can never lose its academic utility or professional value.

Rapid technological advances demand professionals who can lead in emerging disciplines. The need for improved development in the high-end technology areas including the industrial research and development work can hardly be over-emphasized. One of the main factors associated with this is the use of IT based techniques in teaching and research of mathematics and physics; and the Department of Mathematics takes responsibility to cope with these challenges.

Mathematics has such a wide variety of important

applications which creates continuously increasing demand for well-trained mathematicians in many fields. It has relevance to fields of aerospace, oil exploration, electronics, weather prediction, management positions, teaching and research, accounting and financial analysis and defence related disciplines.

Our M.Sc degree in Mathematics envisages preparing students with suitable qualifications for related jobs for teaching, research and managerial positions.

Faculty Members

CUI, Islamabad Campus

Professors

- Dr. Aftab Khan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Shamsul Qamar, PhD, Otto-von-Guericke University Magdeburg, Germany
- Dr. Saleem Asghar, S.I., PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Aslam Noor, PhD, Brunel University London, UK
- Dr. Khalida Inayat Noor, PhD, University of Wales, Cardiff, UK
- Dr. Moiz-ud-Din Khan, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Akbar Azam, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Associate Professors

- Dr. Abdullah Shah, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Shams-ul-Islam, PhD, Harbin Institute of Technology, China
- Dr. Mahmood ul Hassan, PhD, Brunel University London, UK
- Dr. Ishtiaq Ali, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China

Assistant Professors

- Dr. Fahad Munir Abbasi, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Amna Nazeer, PhD, Huazhong University of Science & Technology, China
- Dr. Bushra Malik, PhD, CUI Islamabad, Pakistan
- Dr. Baber Ahmed, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Qasim, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Rab Nawaz, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Mansoor Shaukat Khan, PhD, Beijing Institute of Technology, China
- Dr. Masood Anwar, PhD, National College of Business Administration and Economics (NCBA&E), Pakistan
- Dr. Qumar Hussain, PhD, CUI Islamabad, Pakistan
- Dr. Muhammad Mushtaq, PhD, CUI Islamabad, Pakistan
- Dr. Javeria Nawaz Abbasi, PhD, CUI Islamabad, Pakistan
- Dr. Muhammad Yousaf, PhD, CUI Islamabad, Pakistan
- Dr. Manshoor Ahmed, PhD, CUI Islamabad, Pakistan
- Dr. Saima Noreen, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Hafiz Junaid Anjum, PhD, Cambridge University, UK
- Dr. Shahzad Munir, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Umer Farooq, PhD, Shanghai Jiao Tong University, China
- Dr. Saleem Ahmed, PhD, State University of New York, USA
- Dr. Muhammad Zaighum Zia, PhD, DAAD, Germany
- Dr. Sohail Iqbal, PhD, Warwick University, UK
- Dr. Sajjad Khan, PhD, Swansea University, Wales, UK
- Dr. Mairaj Bibi, PhD, Nottingham University, UK
- Dr. Saqlain Raza, PhD, Toulouse Institute of Technology, France
- Dr. Tanveer Akbar, PhD, University of Strasbourg, France

- Dr. Salman Amin Malik, PhD, Université de La Rochelle, France
- Dr. Saqib Zia, PhD, CUI Islamabad, Pakistan
- Dr. Rabia Fayyaz, PhD, CUI Islamabad, Pakistan
- Dr. Tayyab Nawaz, PhD (Mathematics), University of Illinois, Urbana-Champaign, USA
- Dr. Muhammad Suleman, PhD (Mathematics), Zhejiang University, China
- Dr. Adeel Ahmed, PhD, Mathematics, CUI, Islamabad
- Dr. Shumaila Javeed, PhD (Mathematics), Max-Planck Institute & Otto-Von-Guericke University, Germany

Besides, 02 non-PhD Assistant Professors 4 Lecturers and 03 Research Associates are also associated with this department.

CUI, Abbottabad Campus

Associate Professors

- Dr. Madad Khan, PhD, QAU, Islamabad, Pakistan
- Dr. Saqib Hussain, PhD, CUI Islamabad, Pakistan
- Dr. Zahid Ahmad, PhD, University of The Punjab, Pakistan

Assistant Professors

- Dr. Abdul Sami Awan, PhD, Government College University Lahore, Pakistan
- Dr. Ali Ahmad Farooq, PhD, Riphah International University, Pakistan
- Dr. Anwar Zeb, PhD, University of Malakand, Pakistan
- Dr. Izaz Ullah Khan, PhD, University Technology Malaysia (UTM), Malaysia
- Dr. Muhammad Ayub, PhD, QAU, Islamabad, Pakistan
- Dr. Muhammad Kahshan, PhD, CUI, Islamabad, Pakistan
- Dr. Muhammad Zahid, PhD, Riphah International University Islamabad, Pakistan
- Dr. Raheem Gul, PhD, University of Berlin, Germany
- Dr. Saeed ur Rahman, PhD, Northwestern Polytechnical university of China, China

- Dr. Saima Anis, PhD, QAU Islamabad, Pakistan
- Dr. Saima Noor, PhD, CUI Islamabad, Pakistan
- Dr. Sheikh Irfan Ullah Khan, PhD, HITEC University Taxila, Pakistan
- Dr. Sultan Hussain, PhD, GC University Lahore, Pakistan
- Dr. Syed Zulfiqar Ali Zaidi, PhD, HITEC University Taxila, Pakistan
- Dr. Talat Nazir, PhD, Doctor of Philosophy in Mathematics, LUMS, Lahore, Pakistan
- Dr. Usman Ashraf, PhD, GC University Lahore, Pakistan
- Dr. Zakir Hussain, PhD, University of Chinese Academy of Sciences, China

Besides, 03 non-PhD s, 11 lecturers are also associated with this department.

CUI, Wah Campus

Advisor

- Dr. Munir Akhtar, PhD, University of Southampton, UK

Associate Professor

- Dr. Muhammad Kamran, PhD, Government College University, Lahore, Pakistan

Assistant Professors

- Dr. Shabieh Farwa, PhD, University of Sheffield, UK
- Dr. Muhammad Rafiq, PhD, CUI Islamabad, Pakistan
- Dr. Shabbir Ahmad, PhD, Zhejiang University, Hangzhou, China
- Dr. Sarfraz Nawaz Malik, PhD, CUI Islamabad, Pakistan
- Dr. Adnan Jahangir, PhD, CUI Islamabad, Pakistan
- Dr. Yasir Bashir, PhD, Government College University, Lahore, Pakistan
- Dr. Hafiz Obaid Ullah Mehmood, PhD, University Technology Petronas, Malaysia
- Dr. Nazeer Muhammad, PhD, Hanyang University, Korea
- Dr. Muhammad Bilal Ashraf, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. S.M. Jawwad Riaz, PhD, National University of

Sciences and Technology, Islamabad, Pakistan

- Dr. Tayyab Mehmood, Sichuan University China, China

Besides, 01 non-PhD Assistant Professors, 10 Lecturers are also associated with this department.

CUI, Lahore Campus

Associate Professors

- Dr. Kashif Ali, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Hussain, PhD, Government College University, Lahore, Pakistan
- Dr. Sarfraz Ahmad, PhD, Government College University, Lahore, Pakistan

Tenured Associate Professors

- Dr. Hani Shakir, PhD, Government College University, Lahore, Pakistan

Assistant Professors

- Dr. Syed Tahir Raza Rizvi, PhD, CUI Lahore, Pakistan
- Dr. Imran Ahmad, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Faisal Nadeem, PhD, Government College University, Lahore, Pakistan
- Dr. Shamaila Rani, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Hafiz M. Afzal Siddiqui, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Muhammad Zubair, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Abdul Jawad, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Saad Ihsan Butt, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Younas, PhD, University of Groningen, Netherlands
- Dr. Sadia Arshad, PhD, Government College University, Lahore, Pakistan

- Dr. Sana Javed, PhD, Government College University, Lahore, Pakistan
- Dr. Tariq Javed Zia, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China
- Dr. Ayesha Sohail, PhD, University of Sheffield, UK
- Dr. Qurat-ul-Ain Azim, PhD, Imperial College London, UK
- Dr. Adeel Farooq, PhD, Queen Mary University of London, UK
- Dr. Kashif Nazar, PhD, University Technology Malaysia, Malaysia
- Dr. Rabia Saleem, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Sadia Khalid, PhD, Government College University, Lahore, Pakistan
- Dr. Mohsan Hassan, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Aqeel Ahmad Khan, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Muhammad Yousaf, PhD, Norwegian University of Life Sciences, Norway
- Dr. Yousaf Habib, PhD, University of Auckland, New Zealand

Besides, 03 non-PhD Assistant Professors, 03 PhD Lecturer and 02 Lecturers are also associated with this department.

CUI, Attock Campus

Assistant Professors

- Dr. Sadia Siddiq, PhD, CUI Islamabad, Pakistan
- Dr. Farooq Ahmad Shah, PhD, CUI Islamabad, Pakistan
- Dr. Aamir Ali, PhD, CUI Islamabad, Pakistan
- Dr. Muhammad Zeb, PhD, CUI Islamabad, Pakistan
- Dr. Atiq ur Rehman, PhD, Government College University, Lahore, Pakistan
- Dr. Sohail Ahmed, PhD, Government College University, Lahore, Pakistan
- Dr. Ghulam Farid, PhD, Government College University, Lahore, Pakistan

- Dr. Muhammad Awais, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Shafiq ur Rehman, PhD, Government College University, Faisalabad, Pakistan
- Dr. Muhammad Ozair, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Asif Waheed, PhD, CUI Islamabad, Pakistan
- Dr. Muhammad Numan, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Shoaib, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Muhammad Usman Ali, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Ali Imran, PhD, National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Takasur Hussain, PhD National University of Sciences and Technology, Islamabad, Pakistan
- Dr. Maimona Rafiq, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Shahid Hussain, PhD, Dalian University, China

Besides, 5 Lecturers are also working in this department.

CUI, Sahiwal Campus

Principal Research Officer

- Dr. Muhammad Asad Meraj, PhD, Karl-Franzens-Universitat, Graz, Austria

Assistant Professors

- Dr. Muhammad Raza, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Manzoor Ahmad Zahid, PhD, Tilburg University, Netherlands
- Dr. Shahid Qaisar, PhD, Chongqing University, P.R China
- Dr. Najma Abdul Rehman, PhD, Government College University, Lahore, Pakistan
- Dr. Sabir Ali Shehzad, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. M. Kamran Siddiqui, PhD, Government College

University, Lahore, Pakistan

- Dr. Misbah Arshad, PhD, Government College University, Lahore, Pakistan
- Dr. Rida Irfan, PhD, Government College University, Lahore, Pakistan
- Dr. Asma, PhD, Government College University, Lahore, Pakistan
- Dr. Sami Ullah Khan, PhD, International Islamic University, Islamabad, Pakistan
- Dr. Numan Bashir, PhD, University of Engineering and Technology, Lahore
- Dr. Shehzad Sarwar, PhD,

Besides, 10 Lecturers are also associated with the department.

CUI, Vehari Campus

Assistant Professors

- Dr. Muhammad Imran Qureshi, PhD, Government College University, Lahore, Pakistan
- Dr. Muhammad Ishaq, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Muhammad Waseem, PhD, CUI Islamabad, Pakistan
- Dr. Asfand Fahad, PhD, Government College University, Lahore, Pakistan
- Dr. Hafiz M. Asim Zafar, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Tahir Mushtaq, PhD, Bahauddin Zakariya University, Multan, Pakistan

Besides, 03 Lecturers are also part of this department.

Department of Physics

Department of Physics at CUI is one of the best departments with excellent facilities, state of the art laboratories and internationally recognized faculty. It was established in 2002 at Islamabad and started its programs for the first time in Fall 2003 with a four-year BS degree program in Electronics. The Department is rapidly expanding and aspires to excel in the

formal instruction of Physics internationally. The department at Lahore campus was established in 2007 and started a four-year BS degree program in Physics. The Department of Physics offers competitive degrees in rapidly expanding areas of study. Our strong faculty and excellent facilities ensure that students have a solid technical grasp on their subjects to apply this knowledge in practical work settings. Our invaluable linkages with national and international universities and organizations help us keep up-to-date with new policy trends and job market facilitation incentives being unrolled by the government and private sectors.



Academic Programs Offered

Following undergraduate programs are being offered by the Department of Physics:

Bachelor of Science in Electronics: BS (Elec) Entry Requirements

- Intermediate with Physics and Mathematics or equivalent with minimum of 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 138 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Islamabad

Program Information

Bachelor of Science in Electronics program is launched with emphasis placed on producing scientists in the field of Physical Electronics. The program trains students in the art of Electronics with reference to Physics and gives them an insight into the working of devices and integrated circuits. Students start working on their own projects as early as the fourth semester. The different specializations offered include Communications, Control Electronics (industrial), and Microelectronics.

Bachelor of Science in Physics: BS (Phy)

Entry Requirements

- Intermediate (FSc/A levels) with Physics or equivalent with minimum of 50% marks, from an accredited institution. Pre-medical students may be admitted provisionally and they must pass the specified non-credit additional mathematics course in 1st or 2nd semester of their studies at CUI.
- Valid NTS test score as per CUI policy.

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 137 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad and Lahore

Program Information

Bachelor of Science in Physics program is designed to train and equip students with the latest developments associated with Physics and its allied technologies. The program pays special attention to work out the fundamental concepts in quantum mechanics, statistical mechanics and electro dynamics. In the final year students will have the option for electives in a number of available areas like micro and nanotechnologies (electronics and optoelectronics), materials science, high energy physics, radiation physics, quantum optics and informatics. The graduates will readily be employed by R&D organizations, and teaching institutions, and for higher studies.

Faculty Members

CUI, Islamabad Campus

Professors

- Dr. Ishaq Ahmad, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Mahnaz Qader Haseeb, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Rafaqat Hussain, PhD, University College London, UK
- Dr. Sajid Qamar, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Arshad Saleem Bhatti, T.I., PhD, Cambridge University, UK

Advisors

- Dr. Muhammad Aslam Khan, PhD, HULL University, UK
- Dr. Mais Suleynanov, PhD, Joint Institute for Nuclear Research (JINR), Dubna, Moscow, Russia
- Dr. M. Zafar Iqbal, PhD, Manchester University, UK
- Dr. Hameed Ahmed Khan, PhD, Birmingham University, UK

Associate Professors

- Dr. Sadia Manzoor, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Ahmer Naweed, PhD, University of Massachusetts, USA
- Dr. Fazal Ghafoor, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Anis-ur-Rehman, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Farida P. Tahir, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Nazar Abbas Shah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Najeeb-ur-Rehman, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Fakhar ul Inam, PhD, Ohio State University, USA
- Dr. Waqas Masood, PhD, University of London, UK
- Dr. Siraj-ul-Islam, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Altaf Karim, PhD, Kansas State University, USA

Assistant Professors

- Dr. Muhammad Rashid, PhD, The Islamia University of Bahawalpur, Pakistan
- Dr. Jaweria Ambreen, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Salman Khan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Asghari Gul, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Kamran, PhD, University of Innsbruck, Austria
- Dr. Farrukh Shahzad, PhD, Karl-Franzens-Universitat, Graz, Austria
- Dr. Abid Hasan Mujtaba, PhD, Texas A&M University, USA
- Dr. Ahsan Illahi, PhD, Quaid-i-Azam University, Islamabad, Pakistan

- Dr. Saira Arif, PhD, University of Vienna, Austria
- Dr. Sana Sabahat, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Azeem Mir, PhD, CUI Islamabad, Pakistan
- Dr. Zahid Imran, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Syeda Sitwat Batool, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Shahid Mehmood, PhD, CUI Islamabad, Pakistan
- Dr. Shahzad Hussain, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Anwar Hussain, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Mushtaq Ahmad, PhD, Pakistan Institute of Engineering & Applied Sciences (PIEAS), Nilore, Islamabad, Pakistan
- Dr. Muhammad Abdul Latif, PhD, University of Groningen, Netherlands
- Dr. Shumaila Karamat, PhD, Nanyang Technical University, Singapore
- Dr. Junaid Ali, PhD, Jeju National University, South Korea
- Dr. Uzma Tabassam, PhD, University of Camerino, Italy
- Dr. Lubna Tabassam, PhD, University of Camerino, Italy
- Dr. Mushtaq Ali, PhD, University of Camerino, Italy
- Dr. Muhammad Hannan Younis, PhD, INFN - National Institute of Nuclear Physics, Italy
- Dr. Yasir Ali, PhD, Jagiellonian University Poland, Poland
- Dr. Asif Iqbal Zia, PhD, Massey University, New Zealand
- Dr. Waqar Ahmed, PhD, University of Twente, Netherlands
- Dr. Mubarak Ali, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Javed Akram, PhD, Freie Universitat Berlin, Germany
- Dr. Faheel Ather Hashmi, PhD, Universite Paul Sabatier, France
- Dr. Muhammad Sohail Amjad, PhD, University of Paris,

France

- Dr. Muhammad Waseem, PhD, Birmingham University, UK
- Dr. Shams-ur-Rehman, PhD, Oxford University, UK
- Dr. Javeed Akhtar, PhD, Manchester University, UK
- Dr. Muhammad Umair Hassan, PhD, Cambridge University, UK
- Dr. Uzma Khalique, PhD, Eindhoven University of Technology, Netherlands
- Dr. Awais Ali, PhD, CUI Islamabad, Pakistan
- Dr. Hira Siddiqui, PhD, University of Munster, Germany
- Dr. Hamza Qayyum, PhD, National Central University, Taoyuan, Taiwan
- Dr. Jamila Bashir Butt, Doctor of Philosophy, Syracuse University, New York
- Dr. Kaneez Rabia, PhD, University of Augsburg, Germany
- Dr. Muhammad Rehman, PhD, University of Cantabria, Spain
- Dr. Tasawar Abbas Malik, PhD, Quaid e Azam University, Islamabad
- Dr. Rana Liaqat Ali, PhD, CUI Islamabad Campus
- Dr. Muhammad Hafeez, PhD, CUI Islamabad Campus
- Dr. Zia-ud-Din, PhD, CUI Islamabad Campus

Besides, 07 non-PhD Assistant Professors 20 Lecturers, 01 Scientific Officer, 18 Research Associates and 01 Lab Engineers are also working in this department.

CUI, Lahore Campus

Professor

- Dr. Muhammad Asif, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China

Associate Professors

- Dr. Muhammad Ashfaq Ahmad, PhD, Harbin Institute of Technology, China
- Dr. Salman Naeem Khan, PhD, Zhejiang University, China

- Dr. Shabana Nisar, PhD, Syracuse University, USA

Tenured Associate Professors

- Dr. Rizwan Raza, PhD, KTH Royal Institute of Technology, Sweden

Assistant Professors

Dr. Nosheen Akbar, PhD, University of the Punjab, Lahore, Pakistan

Dr. Muhammad Hammad Aziz, PhD, The Islamia University of Bahawalpur, Pakistan

Dr. Muhammad Yasir Rafique, PhD, University of Science and Technology, Beijing, China

Dr. Amna Mir, PhD, Beijing University of Posts Telecommunication, China

Dr. Saif-ur-Rehman, PhD, Mohammed V University, Agdal, Rabat, Morocco

Dr. Mukhtar Ahmed, PhD, Bahauddin Zakariya University, Multan, Pakistan

Dr. Ghazanfar Abbas, PhD, Bahauddin Zakariya University, Multan, Pakistan

Dr. Muhammad Jamil, PhD, Government College University, Lahore, Pakistan

Dr. Muhammad Idrees, PhD, Pakistan Institute of Engineering and Applied Sciences, Nilore, Islamabad, Pakistan

Dr. Muhammad Naveed Aslam, PhD, Government College University, Lahore, Pakistan

Dr. Akbar Ali, PhD, Riphah International University, Pakistan

Dr. Naima Amin, PhD, The Islamia University of Bahawalpur, Pakistan

Dr. Muhammad Junaid Amjad, PhD, University of Engineering and Technology, Lahore, Pakistan

Dr. Zahida Ehsan, PhD, University of Leuven- Katholieke Universiteit Leuven, Belgium

Dr. Ishrat Sultana, PhD, Sungkyunkwan University, Korea

Dr. Abdul Sattar, PhD, University of Canterbury, New Zealand

Dr. Muhammad Imran, PhD, University Technology Malaysia, Malaysia

- Dr. Arslan Usman, PhD, University of Engineering and Technology, Lahore, Pakistan
- Dr. Muhammad Amir Razzaq, PhD, Uppsala University, Uppsala, Sweden
- Dr. Ayesha Jamil, PhD, University of Cambridge, UK
- Dr. Farah Alvi, PhD, University of South Florida, USA
- Dr. Muhammad Asif, PhD, Linkopings University, Sweden
- Dr. Muhammad Ajmal Khan, PhD, Bahauddin Zakariya University, Multan, Pakistan
- Dr. Siddique Akhtar Ehsan, PhD, VNiVERSiDAD Dsalamanca, Spain
- Dr. Hummad Habib Qazi, AP, Universiti of Teknologi Malaysia
- Dr. Muhammad Naveed ul Haq, AP, University of Duisburg-Essen Germany

Besides, 01 non-PhD Assistant Professors, 06 Lecturers and 01 Research Associates are also associated with this department.

Department of Biosciences

Scientific inventions and discoveries have changed the way mankind lives in the modern world. Technological advancements have made our lives completely different compared to how our ancestors lived. The most vital area of advancements is the field of bioscience. Bioscience has really helped in improving the majority of the population's general health. This is all attributed to bioscience research, which has made tremendous improvements in the health industry. Diseases that were impossible to cure are now curable through cloning, genetic engineering, radiotherapy and chemotherapy technologies. These advancements have opened doors for better living and new career opportunities. Therefore, it is a growing requirement to continue and practice training of the scientists and researchers in the rapidly evolving disciplines of Microbiology/Immunology, Molecular Biology/Biochemistry, Molecular Genetics, Developmental Biology, Molecular

Virology and Bioinformatics. CUI took the initiative by establishing the Biosciences Department in 2003, and introduced a 4 year degree program in Bioinformatics at Islamabad; later another undergraduate degree program in Biosciences was introduced from year 2007. CUI, in this regard, was the first institution to offer such programs in and around Islamabad.

The Department of Biosciences has gathered different interdisciplinary/inter-departmental groups comprising life scientists, computer scientists, mathematicians and statisticians, management scientists and humanities professors who collectively take part in the teaching and training programs leading to the degrees in Bioinformatics and Biosciences.



Academic Programs Offered

Following undergraduate programs are being offered by the Department of Biosciences:

Bachelor of Science in Bioinformatics: BS (BI)

Entry Requirements

- Intermediate with Pre-Medical, Pre-Engineering, ICS or equivalent with minimum of 50% marks, from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 139 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Islamabad and Sahiwal

Program Information

Bachelor of Science in Bioinformatics prepares professionals having the breadth of knowledge and skills required for a career in the area of science combining the latest developments in Informatics, Computer Sciences, Functional Genomics, Biomolecular Structures, Proteomics, Cell Metabolism, Biodiversity, Drug and Vaccine Design etc. It aims to produce professionals with a broad understanding of the molecular processes of life, expression and control of genes, tools used to map and sequence genomes, application of statistical tests of significance, design and use of Informatics techniques with an emphasis on the organization and display interrogation of complex data.

Bachelor of Science in Biosciences: BS (BS)

Entry Requirements

- Intermediate with Pre-Medical or equivalent with minimum of 50% marks, from an accredited institution.
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

Minimum 133 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Islamabad

Program Information

CUI is the pioneer Institution in launching BS Biosciences program in 2007 at its Islamabad Campus. The program perfectly aligns with the graduate study programs being offered by Biosciences Department including MS and PhD. Career opportunities for graduates of this program include the pharmaceutical and biotechnological companies and leading research institutes and universities, together in future mega projects like Center of Excellence in Microbial Genomics, National Center for Proteomics and National Center for Bioinformatics. Further, all pharmaceutical and major biotechnology companies have internal bioinformatics capabilities and programs, especially if they have significant genomics efforts underway. The rapid rise in the Bioinformatics market is driven in part by strategic alliances between companies that have a genomics, pharmacogenomics, or biochip focus.

Our graduates can pursue their career in various domains of public and private sectors such as Health, Agriculture, Genomics, Biotechnology, Information Technology, Energy and Education. The graduating students will be absorbed in private/ government organizations. There would be a great demand for graduates in biotechnologies, such as Health biotechnology, Agriculture biotechnology, and Industrial biotechnology. Our graduates will have prospects of immediate employment in health and agriculture sectors among others.

Bachelor of Science in Food Sciences and Nutrition: BS (FSN)

Entry Requirements

- FSc Pre Medical or 3 years DAE in Food Science and Technology or Equivalent with 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 131 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campuses

- Sahiwal

Program Information

The degree program of Food Science and Nutrition is a fast moving discipline, drawing knowledge from a range of disciplines including biology, chemistry physics, psychology, geography, business and even arts. In BS Food Science and Nutrition the students will learn about food chemistry and quality, food preservation methods, nutrients in food, nutritional values of fruits and vegetables, sources of proteins, food manufacturing business and other related areas. This is program that aims to fulfill the idea of “Therapeutics through Nutritional Control”.

Faculty Members

CUI, Islamabad Campus

Professors

- Dr. Syed Habib Bokhari, PhD, University of Glasgow, UK
- Dr. Mahmood A. Kayani, PhD, University of Wales, Swansea, UK
- Dr. Muhammad Arshad Rafiq, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Advisor

- Dr. Fauzia Yusuf Hafeez, PhD, Quaid-i-Azam University, Islamabad, Pakistan

Associate Professors

- Dr. Ijaz Ali, PhD, Graduate School of Chinese Academy of Sciences, Beijing, China

- Dr. Qaiser Fatmi, PhD, University of Innsbruck, Austria
- Dr. Mustafa Nawaz Shafqat, PhD, Kansas State University, USA
- Dr. Syed Muhammad Nurulain, PhD, Semmelweis University, Budapest, Hungary
- Dr. Muhammad Zeeshan Hyder, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Muhammad Saeed, PhD, University of Innsbruck, Austria
- Dr. Tayyaba Yasmin, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan

Assistant Professors

- Dr. Shabbar Abbas, PhD, Jiangnan University, China
- Dr. Syed Ali Musstjab Akber Shah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Zertashia Akram, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Syed Kamran UI Hassan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Sabir Hussain, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Farha Masood, PhD, Quaid i Azam University, Islamabad, Pakistan
- Dr. Kaleem Imdad, PhD, Beijing Institute of Technology, China
- Dr. Nazish Bostan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Saleem Ahmed Bokhari, PhD, Tsinghua University, China
- Dr. Saqib Mumtaz, PhD, Charles Darwin University, Australia
- Dr. Zahid Munir, PhD, Medical University of Vienna, Austria
- Dr. Aamira Tariq, PhD, University of Vienna, Austria
- Dr. Hamid Ali, PhD, University of Karachi, Pakistan
- Dr. Zahra Jabeen, PhD, Zhejiang University, China
- Dr. Humaira Shaheen, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan

- Dr. Humaira Yasmin, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Kifayat Ullah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Fariha Khan, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Syeda Hafiza Beenish Ali, PhD, CUI Islamabad, Pakistan
- Dr. Nazneen Bangash, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Zehra Agha, PhD, CUI Islamabad, Pakistan
- Dr. Sumaira Farrakh, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Rabia Naz, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Rabia Habib, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Asif Gondal, PhD, University of Karachi, Pakistan
- Dr. Naseer Ali Shah, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Faraz Arshad Malik, PhD, CUI Islamabad, Pakistan
- Dr. Maleeha Azam, PhD, CUI Islamabad, Pakistan
- Dr. Waseem Haider, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Asia Nosheen, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Abdul Rauf Siddiqi, PhD, Paris Descartes University, France
- Dr. Sundus Javed, PhD, Technical University Munich, Germany
- Dr. Saadia Naseem, PhD, University of Hanover, Germany
- Dr. Zahid Ali, PhD, University of Hanover, Germany
- Dr. Neelam Akram, PhD, Linnaeus University, Sweden
- Dr. Alamdar Hussain Baloch, PhD, Karolinska Institute, Sweden
- Dr. Asghar Shabbir, PhD, University of Strasbourg, France
- Dr. Sadia Sattar, PhD, University of Palmerston, New Zealand
- Dr. Abdullah Bilal Ahmed, PhD, Université Montpellier 2, France
- Dr. Muhammad Faheem, PhD, King Abdulaziz University, Saudi Arabia
- Dr. Abid Ali Khan, PhD, University of the Basque Country, Spain
- Dr. Farhan Haq, PhD, Gachon University, Korea
- Dr. Asma Amjad, PhD, The International School for Advanced Studies, Italy
- Dr. Pasha Ghazal, PhD, University of Camerino, Italy
- Dr. Irfan Sadiq, PhD, Pisa University, Italy
- Dr. Anwar Ullah, PhD, Universidade de Estadual Paulista, Portugal
- Dr. Syed Muhammad Usman Shah, PhD, University Technology Petronas (UTP), Malaysia
- Dr. Rumana Keyani, PhD, Edinburgh University, UK
- Dr. Malik Nadeem Akhtar, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Arshan Nasir, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Muhammad Jawad Khan, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Haji Akbar, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Muhammad Imran, PhD, INPL - ENSAIA - LIBio, Nancy, France
- Dr. Sajida Batool, PhD, University of Nottingham, UK
- Dr. Faheem Ahmad, PhD, Queensland University, UK
- Dr. Ramla Shahid, PhD, Cambridge University, UK
- Dr. Nazia Bibi, PhD, University College London, UK
- Dr. Muhammad Inam Afzal, PhD, University of Lorraine, France
- Dr. Syed Tahir Abbas Shah, PhD, University of Illinois at Urbana Champaign, USA
- Dr. Muhammad Umer, PhD, Imperial College London, UK
- Dr. Fahed Parvaiz, NUST, Islamabad, Pakistan

- Dr. Ayesha Tahir, PhD, Clermont Ferrand University, France
- Dr. Muhammad Nadeem Hassan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Haroon Ahmed, PhD, Pir Mehr Ali Shah Arid Agriculture University, Pakistan
- Dr. Muhammad Ajmal, PhD, Redboud University, Netherlands
- Dr. Khuram Shahzad, PhD, University of Illinois at Urbana-Champaign, USA
- Dr. Ishrat Mahjabeen, PhD, CUI, Islamabad
- Dr. Muhammad Muddassar, PhD, Korea Institute of Science & Technology, Seoul
- Dr. Sidra Rehman, PhD, University of the Punjab, Lahore
- Dr. Hassaan Mehboob Awan, PhD, University of Science and Technology, China
- Dr. Nighat Noureen, PhD, Capital University of Science & Technology, Islamabad
- Dr. Adeel Mahmood, PhD, Quaid-i-Azam University, Islamabad

Besides, 11 Lecturers and 10 Research Associates are also part of this department

CUI, Sahiwal Campus

Assistant Professors

- Dr. Shazia Mannan, PhD, Quaid-i-Azam University, Islamabad, Pakistan
- Dr. Muhammad Ibrahim, PhD, Zhejiang University, P.R China
- Dr. Abrar Hussain, PhD, Swedish University of Agriculture Sciences - Sveriges Lantbruks Universitet, Sweden
- Dr. Awais Ihsan, PhD, Huazhong Agriculture University, P.R China
- Dr. Asim Mehmood, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Qudsia Yousafi, PhD, University of Sargodha, Pakistan
- Dr. Shahzad Saleem, PhD, University of Agriculture,

Faisalabad, Pakistan

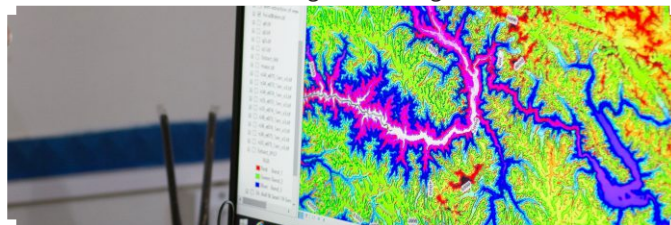
- Dr. Muhammad Wasim Sajid, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Farrukh Jamil, PhD, Center for Chemical Biology, Universiti Sains, Malaysia
- Dr. Sumaira Kanwal, PhD, Kongju National University, Korea
- Dr. Hassan Riaz, PhD, Huazhong Agriculture University, P.R China
- Dr. Muhammad Asif Rasheed, PhD, Huazhong Agricultural University, P.R China
- Dr. Muhammad Azhar, PhD, University of Science and Technology, China

Besides, 03 Lecturers and 01 Research Associates are also associated with the department.

Department of Environmental Sciences

Department of Environmental Sciences at CUI was established in 2004 and has now become a hub for interdisciplinary undergraduate studies, innovative research development, graduate studies and advocacy on environmental issues. The Department has highly qualified faculty with major focus areas of research and development include environmental technologies, climate change and ecosystem, renewable energy, sustainable agriculture and natural resources, sanitation and public health.

The Department of Environmental Sciences at CUI is playing an important role to inspire a lifelong commitment to the earth for environmental responsibilities through research and education that is essential to understand and improve the environment at local, regional and global level.



Academic Programs Offered

Following undergraduate programs are being offered by the Department of Environmental Sciences:

Bachelor of Science in Environmental Sciences: BS (ES)

Entry Requirements

- Intermediate with science or equivalent with minimum 50% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 134 Cr. Hrs. for BS Env-Sciences and 132 Cr. Hrs. for BS in Biotechnology

Offering Semesters

- Fall and Spring

Offering Campuses

- Abbottabad and Vehari

Program Information

Bachelor of Science in Environmental Sciences program is designed to meet the demand for professionals, capable of performing tasks such as sample collection, monitoring, data management, instrumentation, calibration, operation and maintenance etc. The department's teaching and research has been inculcating dynamic studies of Environmental Sciences which prepare graduates to work in a wide array of positions for environmental engineering and consultancy firms, environmental laboratories and other organizations. This program is devised according to the needs of relevant organizations, industry and institutions.

Bachelor of Science in Biotechnology: BS (BTY)

Entry Requirements

- Intermediate with science or equivalent with minimum

50% marks from an accredited institution

- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 134 Cr. Hrs. for BS Env-Sciences and 132 Cr. Hrs. for BS in Biotechnology

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

Bachelor of Science in Biotechnology program has been launched at CUI with the aim to provide the trained human resource in rapidly expanding field of biotechnology. The graduates and researchers produced would be available to the institutions involved in biotechnology teaching, research, production and services. The agriculture, health, education, and industry sectors will particularly be benefited as the graduates produced will be instrumental in enhancing efficiency and productivity of institutions belonging to these sectors. Some of the potential employers are private and public sector universities, colleges and research centers, government institutions, industries including pharmaceutical, food and beverages and several other international organizations.

Faculty Members

Abbottabad Campus

Professors

- Dr. Arshid Parvez, PhD, University of Bradford, UK, United Kingdom
- Dr. Muhammad Irshad, PhD, Tottori University, Japan
- Dr. Muhammad Maroof Shah, PhD, University of

Nebraska-Lincoln, USA

Associate Professors

- Dr. Adnan Ahmad Tahir, PhD, University of Montpellier 2, France
- Dr. Amjad Hassan, PhD, NIIGATA University, Japan
- Dr. Farid Ullah, PhD, Tottori University, Japan
- Dr. Qaisar Mehmood TI, PhD, Zhejiang University, Hangzhou, China
- Dr. Raza Ahmad, PhD, KAIST, Korea North
- Dr. Jamshaid Hussain, PhD, University of Verona, Italy
- Dr. Muhammad Bilal, PhD, Agrocampus Ouest, Rennes (France)

Assistant Professors

- Dr. Abdul Nazir, PhD, Quaid -i-Azam University Islamabad, Pakistan
- Dr. Abdul Rehman Khan, PhD, University deparis Diderot paris, France
- Dr. Akhtar Iqbal, PhD, Soil and Env. Sciences, University of Rems France
- Dr. Arshad Mehmood, PhD, Quaid-i-Azam University of Islamabad, Pakistan
- Dr. Asim Yaqub, PhD, University technology petronas, Malaysia
- Dr. Ayesha Baig, PhD, University of California Riversine, United States
- Dr. Bibi Saima Zeb, PhD, CUI Abbottabad, Pakistan
- Dr. Bilal Ahmad Zafar Amin, PhD, University of Reims, France
- Dr. Farhan Hafeez, PhD, University of Dijon, France
- Dr. Fazli Wahid, PhD, Kyungpook National University, Korea (South)
- Dr. Humaira Ayub, PhD, COMSATS Islamabad, Pakistan
- Dr. Iftikhar Zeb, PhD, Washington State University, USA
- Dr. Irum Shahzadi, PhD, Environment and Biotechnology, CUI Abbottabad, Pakistan
- Dr. Ismat Nawaz, PhD, Vrije University, Amsterdam, Netherland
- Dr. Jamshaid Hussain, PhD, University of Verona, Italy

- Dr. Khalid Ahmad, PhD, Quaid -i-Azam University, Pakistan
- Dr. Malik Tahir Hayat, PhD, Zhejiang University China, China
- Dr. Maria Siddique, PhD, CUI Abbottabad, Pakistan
- Dr. Muhammad Ali, PhD, Huazhong Agricultural University, China
- Dr. Muhammad Bilal, PhD, Agro campus Ouest, Rennes, France
- Dr. Muhammad Shahzad, PhD, Christian-Albrechts-Universität zu Kiel, Germany
- Dr. Nadia Riaz, PhD, UTP, Malaysia
- Dr. Nosheen Mirza, PhD, CUI Abbottabad, Pakistan
- Dr. Rafiq Ahmad, PhD, University of Paris-Est Creteil, France
- Dr. Rashid Nazir, PhD, University of Groningen, Netherlands
- Dr. Romana Afzal, PhD, Kyungpook National University South Korea
- Dr. Sabaz Ali Khan, PhD, Wageningen University, Netherlands
- Dr. Sajid Hussain Shah, PhD, University of Teknology Petronas, Malaysia
- Dr. Shahid Masood Shah, PhD, Pakistan Istituted of Engineering and Applied Science, Pakistan
- Dr. Shamyla Nawazish, PhD, University of Agriculture Faisalabad, Pakistan
- Dr. Syed Tatheer Alam Naqvi, PhD, QAU Islamabad, Pakistan
- Dr. Usman Irshad, PhD, Superior Institute of Agronomy (Sup Agro) Montpellier, France
- Dr. Wajiha Khan, PhD, QAU, Islamabad, Pakistan
- Dr. Yasar Sajjad, PhD, University of Agriculture Faisalabad, Pakistan
- Dr. Zulfiqar Ahmad Bhatti, PhD, CUI Abbottabad, Pakistan

Besides, 01 non-PhD,s, 02 lecturers and 04 Research Associates are also associated with this department.

CUI, Vehari Campus

Associate Professors

- Dr. Muhammad Shahid, PhD, INP ENSAT Toulouse, France
- Dr. Wajid Naseem, PhD, University of Agriculture, Faisalabad, Pakistan

Assistant Professors

- Dr. Muhammad Rashad Javeed, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Nadeem Sharif, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Naveed Ahmed, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Mazhar Ali, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Mubeen, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Sajjad, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Amjad Farooq, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Hafiz M. Mohkum Hammad, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Behzad Murtaza, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Samina Khalid, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Akram, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Iftikhar, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Amjad, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Sajjad Ahmad, PhD, Asian Institute of Technology, Bangkok, Thailand
- Dr. Nasir Masood, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Faiz Rabbani, PhD, University of Engineering and

Technology, Lahore, Pakistan

- Dr. Abu Bakr Umer Farooq, PhD, Huazhong Agriculture University, China
- Dr. Muhammad Tahir, PhD, Pakistan Institute of Engineering & Applied Sciences, Nilore, Islamabad, Pakistan
- Dr. Saeed Ahmad Qaisrani, PhD, University of Sydney, Australia
- Dr. Muhammad Nadeem, PhD, Sciences & Environmental Graduate School, Universite Bordeaux, France
- Dr. Muhammad Farhan Saeed, PhD, University of Kassel, Germany
- Dr. Hafiz Faiq Siddique Gul Bakhat, PhD, Justus Liebig University Giessen, Germany
- Dr. Muhammad Zakir Ali, PhD, Swedish University of Agriculture Sciences - SverigesLantbruks University, Sweden
- Dr. Muhammad Imran, PhD, Utrecht University, Netherlands
- Dr. Ghulam Mustafa Shah, PhD, Wageningen University, Netherlands
- Dr. Muhammad Imtiaz Rashid, PhD, Wageningen University, Netherlands
- Dr. Ghulam Abbas, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Noor Samad Shah, PhD, University of Peshawar, Pakistan
- Dr. Muhammad Asif Naeem, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Muhammad Shafique Khalid, PhD, University of Agriculture, Faisalabad, Pakistan
- Dr. Zia-ul-Haq Khan, PhD, Beijing University of Chemical Technology, China

Besides, 07 Research Associates and 02 Lab Engineers are also associated with the department.

Department of Pharmacy

The Department of Pharmacy at CUI is dedicated to educate future pharmacists and scientists and provide professional development opportunities locally and nationally to practising pharmacists. All of our programs are driven by our mission to enhance the quality of life for the local people and the global community through improved health. According to WHO there is a dire need of Pharmacy professional worldwide, particularly in the third world countries and as per their recommendations for the current population of Pakistan, there is need of 90,000 Pharmacists.

Resultantly, a huge demand for more professional pharmacists, not only for the country, but also in the world exists. The Department of Pharmacy at CUI Abbottabad Campus is playing an active role to cater the national health care needs through a broad-based higher and professional education of pharmacy. In order to deliver quality education in the field of pharmaceutical sciences, the department has services of internationally qualified faculty and has established state of the art laboratories.



Academic Programs Offered

Following undergraduate program is being offered by the Department of Pharmacy:

Doctor of Pharmacy (Pharm-D)

Entry Requirements

- Intermediate with pre-medical group or equivalent with minimum of 60% marks from an accredited institution
- Valid NTS test score as per CUI policy

Duration

- Minimum: 10 Semesters; 5 years
- Maximum: 15 Semesters; 7.5 years

Credit Hours Requirements

- Minimum 199 Cr. Hrs.

Offering Semester

- Fall only

Offering Campus

- Abbottabad

Program Information

Doctor of Pharmacy (Pharm-D) is a professional degree program that prepares students for careers as pharmacists in a variety of practice settings. Pharm-D is a five years degree program (ten semesters) with minimum 198 credit hours and clerkship in the clinical setting. The curriculum approved by HEC and Pakistan Pharmacy Council provides an appropriate balance of coursework in biomedical sciences (basic and clinical), pharmaceutical sciences, administrative pharmacy sciences and pharmacy practice. The goal of the curriculum is to train students to be life-long learners who can provide pharmaceutical care in a variety of health care settings including the community, medical institutions, health care facilities, research and development organizations and the pharmaceutical industry as well as for future graduate or professional study. Career opportunities for pharmacists include employment at community pharmacies, hospitals, long-term care, home health, public health, veterinary medicine, drug research and development, academia, and community medical clinics.

Faculty Members

CUI, Abbottabad Campus

Professors

- Dr. Jamshed Iqbal, PhD, University of Bonn, Germany
- Dr. Taous Khan, PhD, Kyungpook National University, South Korea

Eminent Professor

- Dr. Izhar Hussain, PhD, Technology & Medicine, United Kingdom

Associate Professors

- Dr. Abdul Jabbar Shah, PhD, University of Karachi, Pakistan
- Dr. Abdul Mannan, PhD, QAU, Islamabad, Pakistan
- Dr. Khalid Rauf, PhD, University of Peshawar

Assistant Professors

- Dr. Arshad Mahmood, PhD, University of Innsbruck, Austria
- Dr. Atif Ali, PhD, Islamia University of Bahawalpur, Pakistan
- Dr. Fiaz Alam, PhD, CUI Abbottabad, Pakistan
- Dr. Muhammad Arfat Yameen, PhD, QAU Islamabad, Pakistan
- Dr. Muhammad Hassham Hassan Bin Asad, PhD, CUI, Abbottabad, Pakistan
- Dr. Muhammad Ikram, PhD, Pusan National University (South Korea)
- Dr. Muhammad Imran Amirzada, PhD, Jiangnan University, China
- Dr. Muhammad Sohail, PhD, Islamic University Bahawalpur, Pakistan
- Dr. Nabi Shah, PhD, University of Karachi, Pakistan
- Dr. Nighat Fatima, PhD, Quai-i-Azam University Islamabad, Pakistan
- Dr. S Mobasher Ali Abid, PhD, CUI, Abbottabad campus
- Dr. Shujaat Ali Khan, PhD, IU Bahawalpur, Pakistan
- Dr. Wajahat Mehmood, PhD, Charles Darwin University,

Australia

- Dr. Yasser M.S.A Al- Kahraman, PhD, University of Baluchistan, Quetta, Pakistan
- Dr. Zia Ur Rahman, PhD, University of Karachi, Pakistan

Besides, 02 non-PhD Assistant Professors, 07 lecturers and 04 Research Associates are also associated with this department.

Center for Advance Drug Research

Assistant Professors

- Dr. Abdul Hameed, PhD, University of Karachi

CUI, Lahore Campus

Associate Professors

- Dr. Ghulam Murtaza, PhD, Islamia university of Bahawalpur, Bahawalpur

Assistant Professors

- Dr. Muhammad Ijaz, PhD, University of Innsbruck, Austria
- Dr. Talib Hussain, PhD, University of Huddersfield, UK
- Dr. Yasser Shahzad, PhD, University of Huddersfield, UK
- Dr. Abid Mehmood Yousaf, PhD, Hanyang University, South Korea
- Dr. Waseem Hassan, PhD, China Pharmaceutical University, China
- Dr. Muhammad Ihtisham Umar, PhD, University of Sains Malaysia
- Dr. Shaheed ur Rehman, PhD, Hanyang University, South Korea

Besides, 02 Lecturers are also associated with this department.

Department of Earth Sciences

The Earth Sciences program was initiated in Fall 2008, followed by the establishment of the Department of Earth Sciences in 2011. CUI Abbottabad campus being at special geographic location with proximity of the Himalayas, Karakoram, and Hindukush, provides students an opportunity to learn about the Earth and the geological processes in a real-time mountainous setting. It also provides students the opportunity for outdoor academic learning and research that combines field work and laboratory techniques with a focus on applied Geology and applied Geophysics (Petroleum Geology, Engineering Geology, Environmental Geology, Hydrogeology, Structural Geology/Tectonics, Economic Geology and Sedimentology).

The unique location of campus provides easy access in close proximity to most diversified set of geological features which include igneous, metamorphic, and sedimentary rocks ranging in age from Precambrian (800 million years) to recent, seismically active faults and their offshoots, a variety of mineral and gemstone deposits, and geomorphologic features.



Academic Programs Offered

Following undergraduate programs are being offered by the Department of Earth Sciences:

Bachelor of Science in Geology: BS (Geol)

Entry Requirements

- F.Sc (Pre-Engineering, Pre-Medical) from an accredited institution with at least 50 % marks or Diploma of Associate Engineering (DAE) in Petroleum, Chemical, Mining, Electrical, Civil and Mechanical Technologies from an accredited Polytechnic Institution or Equivalent qualification with at least 50 % marks
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

The Geological Sciences are naturally interdisciplinary, and include the study of earth materials, earth processes and changes occurred on Earth over 4.56 billion years' history. Course and research with the in Geology address the chemical and physical makeup and properties of minerals and rocks (from the surface to the core), as well as of soils, sediments, and water; the formation and evolution of Earth's surface; the stratigraphic, paleobiological, and geochemical records of Earth's history including changes in climate, oceans and atmosphere; present day, historical and long term feedbacks between the geosphere and biosphere, and the origin and occurrence of our natural resources.

Bachelor of Science in Geophysics: BS (Geoph)

Entry Requirements

- F.Sc (Pre-Engineering) from an accredited institution with at least 50 % marks or Diploma of Associate Engineering (DAE) in Petroleum, Chemical, Mining, Electrical, Civil and Mechanical Technologies from an accredited Polytechnic Institution or Equivalent qualification with at least 50 % marks
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Abbottabad

Program Information

The Geological Sciences are naturally interdisciplinary, and include the study of earth materials, earth processes and changes occurred on Earth over 4.56 billion years' history. Geophysics is a field that integrates geology, mathematics and physics in order to understand, how the earth works. Geophysicists study earth process through a combination of laboratory experimental, computational and theoretical modeling, remote imaging and direct observation.

Faculty Members

CUI, Abbottabad Campus

Associate Professors

Dr. Muhammad Amjad Sabir, PhD, University of Peshawar, Pakistan

Dr. Muhammad Umar, PhD, University of Baluchistan, Pakistan

Assistant Professors

Dr. Javed Iqbal, PhD, University of Chinese Academy of Sciences, China

Dr. Muhammad Farooq, PhD, Chonbuk National University Jeonju, South Korea

Dr. Muhammad Qasim, PhD, Institute of Tibetan Plateau Research, China

Dr. Nangyal Ghani Khan, PhD, Institute of Tibetan Plateau Research, China

Besides, 01 non-PhD Assistant Professors, 17 lecturers and 01 Research Associates are also associated with this department.

Department of Statistics

Department of Statistics has been recently established at CUI Lahore Campus. The department intends to achieve excellence in teaching and research in statistics by hiring world class faculty, providing state-of-the-art facilities and environment for quality teaching and world class research. The Department aims to pursue excellence in Statistics through teaching and research by developing appropriate curricula and teaching practices, hiring talented faculty members, and providing conducive environment for teaching, research and learning activities.



Bachelor of Science in Statistics: BS (Stats)

Entry Requirements

- At least 12-years education from an accredited educational institution with a minimum of 50% marks
- Valid NTS test score as per CUI policy

Duration

- Minimum: 8 semester 4 Years
- Maximum: 12 Semesters 6 Years

Credit Hours Requirements

- Minimum 133 Cr. Hrs.

Offering Semesters

- Fall and Spring

Offering Campus

- Lahore

Program Information

In the contemporary time, we are living in the "Information Age" where we have to comprehend an overwhelming understanding about Statistics. It compacts with sets of numerical conditions that employ to scrutinize what is going on in our general surroundings. Statistics has a substantial role in our domestic and professional life. It identifies how to outline ponders that answer the current inquiries acknowledged with some predetermined issue. Moreover, it empowers to collect trust commendable data, make appropriate examination of information and attain dependable inferences around a vast marvel. Advance data analysis softwares certainly facilitate in handling large data in a simple way.

Currently Statistics has a widespread range of relevance in every field of learning. It assists in determining the prevailing position of per capita incomes, un-livelihood, population development rate, lodging, tutoring, medical facilities and so forth in a nation. Furthermore, it grasps a focal position in the controls like industry, business, trade, economic and financial matters, biology, mathematics, psychology, space science and so on. The adequate and ample information of

statistics indubitably support in making future decisions which is viable both for industry and community.

This course is purposely designed to train and develop professional data analysts for both manufacturing and services industry. Course is premeditated in such a way that graduate of this course will have a robust knowledge about the disparity in processes issues and advance statistical technique to increase the performance of the processes as well as systems and contribute positively to the development of economic growth of the country. This BS program is distinctive from other BS programs taught at different universities because it has a blend of most advance courses taught at renowned universities all over the globe.

The objectives of the program are as follows:

- To equip students with in-depth knowledge and understanding of applied and pure statistics by using advanced data analysis software like; SPSS, STATA, Minitab, Excel, R, AMOS, PLS-SEM, M-Plus etc.
- To impart awareness of the merits and complexities of quality issues to future professionals and researchers.
- To develop students' research acumen and skills required in the area of statistics and its applications.
- To produce scholars of international standards in the field of statistics management with solid quantitative skills.
- To meet the demand for human resource of national industry and help to produce experts and professionals which can contribute in the national development and economic growth of Pakistan.

Faculty Members

CUI, Lahore Campus

Associate Professor

- Dr. Muhammad Mohsin, PhD, Klagenfurt University, Austria

Assistant Professors

- Dr. Muhammad Ismail, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Tajammal Hussain, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Faisal Tehseen Shah, PhD, University of the Punjab, Lahore, Pakistan
- Dr. Muhammad Noor Ul Amin, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Aamir Sanaullah, PhD, National College of Business Administration and Economics, Pakistan
- Dr. Riffat Jabeen, PhD, National College of Business Administration and Economics, Pakistan

Besides, 01 non-PhD Assistant Professors and 04 Lecturers are also associated with this department.

Faculty of Architecture and Design

The Department of Architecture falls under the Faculty of Architecture and Design.

Department of Architecture

The Department of Architecture & Design (D.A.D.) CUI started its Bachelor of Architecture (B. Arch) degree program in 2005. It was followed by its counterpart at Lahore Campus in 2007. The department was established with an inter-disciplinary philosophy, with the intent that architecture and design are critical features of a broader social and cultural context.

The faculty of the Department is a team of diverse individuals, including established academics with a strong research and publication portfolio, and young professionals who bring in innovative and cutting-edge ideas. The vision of the Department seeks to ensure high competitiveness at all levels; admissions, pedagogy, and faculty; to retain its reputation for academic and intellectual excellence.

The Department of Architecture & Design realizes that the end-product of all efforts is its graduates and their work. The curriculum ensures that graduating students are able to

conceptualise a wide range of ideas and produce strong designs; with understanding of the underlying technologies and an ability to communicate ideas through graphic mediums as well as verbal and written expression. D.A.D. envisages that the architects and designers produced through our academic pedagogy will be intellectually and practically skilled to contribute to a multi-disciplinary and collaborative professional world.

The vision of the Department is to produce graduates that are sensitive, skilful and thinking architects and designers, who practice in their professional capacity by:

Being sensitive towards indigenous/local/national contexts

- Having an understanding of international trends and historical perspectives
- Having the ability to devise holistic, pragmatic and long-term strategies for problems



Academic Programs Offered

Following undergraduate programs are being offered by the Department of Architecture:

Bachelor of Architecture: B. Arch

Entry Requirements

- Intermediate or equivalent with minimum 60% marks, from an accredited educational institution
- Valid NTS test score as per CUI policy

- All applicants need to appear in the Departmental Creative Aptitude Test

Duration

- Minimum: 10 Semesters; 5 years
- Maximum: 15 Semesters; 7.5 years

Credit Hours Requirements

- Minimum 172 Cr. Hrs.

Offering Semester

- Fall Only

Offering Campuses

- Islamabad and Lahore

Program Information

The Bachelors of Architecture program produces architects, who understand that architecture is an integral part of the society's arts, are knowledgeable about the global and regional issues and trends have deep understanding of their identity and the society and believe in the relevance of architecture towards a better future for all. We envisage a research based pedagogy in all subjects where students demonstrate their knowledge through examinations and in the form of research projects that synthesize the semester's work, in order to emphasize the skills of critical thinking and analysis acquired by students. The B. Arch curriculum has been designed to situate architecture within these broader and multi-faceted parameters and is taught through a holistic pedagogy.

The courses in the Scheme of Studies of this program are divided into three stages i.e. foundation, intermediate, and final, spread over ten semesters. The foundation level courses impart intensive training in verbal and graphic communication, logical thinking and the ability to theorize. The intermediate level courses ensure the ability to conceive a project as a whole, its forms, always invariably placed in a context of the street, city and culture, and as a functional entity to fulfil the needs for which it is to be built. The final stage enables the students to think independently, to better

understand contextual issues of society, to determine for themselves the future directions of their development as architects, fully prepared for present time market demand.

Bachelor of Design: B. Des

Entry Requirements

Intermediate or equivalent with minimum of 50% marks, from an accredited educational institution

Valid NTS test score as per CUI policy

All applicants need to appear in the Departmental Creative Aptitude Test.

Duration

Minimum: 8 Semesters; 4 years

Maximum: 12 Semesters; 6 years

Credit Hours Requirements

Minimum 141 Cr. Hrs.

Offering Semester

Fall Only

Offering Campuses

Islamabad and Lahore

Program Information

The Bachelor of Design (B. Des) Program at CUI emphasizes creative, critical and strategic thinking, through synthesizing practice, theory and history. The department serves as a creative constituency by offering a comprehensive university experience that addresses the social, cognitive, and technological implications of design practice while preparing our students for work in the profession and/or graduate study.

The courses of B. Design Program encourage and enable students to develop knowledge of the context in which design occurs. Students are helped to create a range of critical positions towards a definition of their own practice and its context. The foundation level imparts intensive training in verbal and graphic communication, logical

thinking and the ability to theorize. In second year the students are encouraged to experiment creatively and critically. The philosophy is analytical and diagnostic with emphasis on solving visual communication problems through the development of original and unconventional solutions. The students are encouraged to define their goals, experiment with ideas and challenge current practices to produce work that is outside commercial constraints. A choice of specialist areas is offered at the beginning of their third year including advertising, design, illustration, moving image; and product design.

Bachelor of Interior Design: BID

Entry Requirements

- Intermediate or equivalent with minimum of 50% marks, from an accredited educational institution
- Valid NTS test score as per CUI policy
- All applicants need to appear in the Departmental Creative Aptitude Test.

Duration

- Minimum: 8 Semesters; 4 years
- Maximum: 12 Semesters; 6 years

Credit Hours Requirements

- Minimum 132 Cr. Hrs.

Offering Semester

- Fall Only

Offering Campuses

- Lahore

Program Information

It is a four-year course, spread over eight semesters. The Initial Years impart intensive training in verbal and graphic communication, logical thinking and the ability to theorize. The students are encouraged to EXPERIMENT creatively and critically. The philosophy is analytical and diagnostic with emphasis on solving visual communication problems through the development of original and often surprising

solutions, rather than simply focusing on technical media or applying formulaic solutions. In higher years, the students define their goals, experiment with ideas, and challenge current practices to produce work that is outside commercial constraints.

Faculty Members

CUI, Islamabad Campus

Professor

- Dr. Samra Mohsin Khan, PhD, University of Westminster, UK

Associate Professors

- Dr. Shahida Mansoor, PhD, Tokyo National University of Fine Arts and Music, Japan
- Ms. Farah Adnan, BFA, National College of Arts, Lahore, Pakistan
- Ms. Ayesha Asim Imdad, MA(Hons), National College of Arts, Lahore, Pakistan

Assistant Professors

- Dr. Tabassum Shaheen, PhD, Hacettepe University, Ankara, Turkey
- Ar. Kifayat Hussain, B. Arch, UET, Lahore, Pakistan
- Ar. Faisal Arshad, B. Arch, UET, Lahore, Pakistan
- Samreen Asghar, PGD (Miniature Painting), University of the Punjab, Lahore
- Muhammad Waqas, MS Urban and Regional Planning, University of Peshawar
- Reema Shaukat Khan, M.S (Project Management), COMSATS IIT, Islamabad
- Nida Jawad, B.Arch. (1st div.) UET, Lahore
- Sannah Ejaz, M.Arch, NCA, Lahore
- Fida Muhammad, M.Sc (Textile Design), University of Bolton, UK
- Asim Hameed, M.A (Advanced Architecture), Institute for Advanced Architecture of Catalunya/ Barcelona, Spain
- Amna Hashmi, Bachelor (Fine Arts), NCA, Lahore
- Uzma Kabir, B.Arch, UET, Lahore

- Meezan Ali Mir, Master in Multimedia Arts, National College of Arts, Lahore

Besides, 08 Lecturers are also associated with the department.

CUI, Lahore Campus

Advisors

- Ms. Yasmeen Cheema, Middle East Technical University Ankara, Turkey
- Mr. Ejaz Ahmad, Ecole Nationale Supérieure des Arts Décoratifs, Paris France,
- Ms. Nurin Wasim,

Associate Professors

- Mr. Waqar Aziz, Bartlett School of Architecture, London
- Dr. Sadat al shariyeh Hosseininasab, PhD, UET, Lahore

Assistant Professors

- Ms. Juliane Eick Aziz, RWTH Aachen University, Germany
- Mr. Muhammad Zeeshan Zaheer, Bauhaus, Anhalt University, Germany
- Mr. Aksam Abubakar, University of Engineering and Technology, Lahore, Pakistan
- Ms. Nabah Ali Saad, Dessau Institute of Architecture, Germany
- Ms. Shajeeha Shuja, The University of Sydney, Australia
- Mr. Saad Yousaf, University of Birmingham, UK
- Mr. Usman Sami, National College of Arts, Lahore, Pakistan
- Mr. Muhammad Taimur Sarwar, University of Illinois Urbana Champaign, USA
- Mr. Zain ul Abadeen, National College of Arts, Lahore, Pakistan
- Ms. Maira Khan, National College of Arts, Lahore, Pakistan
- Mr. Muhammad Ashraf, University of East London, UK
- Ms. Zamania Aslam, University of Punjab, Lahore, Pakistan

- Mr. Musa Zafar Jadoon, Hambolt University Berlin, Germany
- Mr. Mansoor Ahmed, National College of Arts, Lahore, Pakistan
- Mr. Mekaal Chughtai, Korea National University of Arts, South Korea
- Ms. Amna Naveed, University of Engineering and Technology, Lahore, Pakistan
- Ms. Sadia Farooq, National College of Arts, Lahore, Pakistan
- Ms. Shazia Hanif, National College of Arts, Lahore, Pakistan

Besides, 01 Sr. Research Officer, 08 Lecturers and 01 Assistant Program Officer are also associated with this department.

Department of Heritage and Cultural Studies

Sahiwal Campus

Professors

- Prof. Dr. Shahid Ahmad Rajput, Post Doc, University of Wisconsin, USA

Besides, 01 non-PhD Assistant Professor is also associated with the department.

Note

- The approved Scheme of Studies of all undergraduate programs is available in the Registrar Office of the respective campus.
- The approved rules and regulations governing undergraduate programs can be obtained from Registrar Office of respective campus.
- All other regulations approved and issued from time to time, regarding undergraduate degree programs, shall also be applicable.



Chapter 4

Admissions and Contacts

Admission in CUI is competitive, but those who come here to enjoy the benefits of excellent resources, a multi-campus environment, and a lively and bustling student life. Admission to various degree programs is open to all eligible candidates without discrimination of any kind. Our guiding principle is that of equal opportunities for all and for this reason, all admissions are regulated on the basis of merit.

Application Procedure

Applications are made in response to the admission notices in the press. Admissions are conducted according to an admission schedule, which is prominently displayed in these admissions notices. The procedure consists of following steps:

1) Online Admission Application

- Candidates are required to apply on CUI Online Admission System by following the link <http://admissions.comsats.edu.pk>
- After submitting the online application, the copy of the same along with the required documents, as mentioned in Online Admission Portal, must be submitted online within due date of admissions. Candidate may mention upto seven program preferences for admission on one application form.
- All admissions at CUI will be offered provisionally and will be confirmed once all the desired formalities are met and all the required documents are submitted by the student.
- In case the final result of previous examination is awaited, then provision of a Hope Certificate/affidavits (if applicable), from the school/college last attended can provide the basis for a conditional provisional offer of admission at CUI. This provisional offer is confirmed once the final result has been submitted and eligibility criteria fully met and all the other desired formalities are met, including the submission of required documents by the student. A specimen of a 'Hope Certificate' is available on the Admission portal.
- Admission applications must be submitted within due date advertised at the time of admission. Late

submission shall not be entertained.

- Candidates must check the eligibility criteria before submitting their online application forms to confirm that they are academically eligible for admission into the program of their choice.

2) Entrance Test

Applicants are needed to have valid relevant NTS Test score (NAT-I/ NAT-II) at the time of application. However, after the last date of submission of Admission Forms, entrance test will be conducted by NTS according to the admission schedule OR on a given date as notified by NTS through their [website www.nts.org.pk](http://www.nts.org.pk) and the print media. All admissions shall be regulated on the basis of merit determined by the weightage criteria as mentioned below:

Degree Programs	Percentage Weightage
For Bachelor Degree	
Matric or equivalent	10%
Intermediate or equivalent	40%
NTS Test	50%
For Master Degree:	
Matric or equivalent	10%
Intermediate or equivalent	15%
Bachelor or equivalent	30%
NTS Test	45%



The additional admission criterion for B. Arch & B. Des programs is as below:

General Merit weightage

- 30% weightage (including matriculation, intermediate and NTS score)

Creative Aptitude Test 70% Weightage

- 25% weightage of Drawing Test
- 10% of Write-up
- 30% weightage of Interview
- 5% weightage of Portfolio

The admission requirements for Bachelor of Interior Design are as below:

General Merit weightage

- 30% weightage (including matriculation/O-Levels, 03%, intermediate/A-Levels, 12% and Entrance Test (NTS), 15%

Creative Aptitude Test 70% Weightage

- Creative Aptitude (Writing) 10%
- Creative Aptitude (Drawing/Making) 30%
- Creative Aptitude (Interview) 30%

3) Merit List

A list of shortlisted candidates is displayed on specified dates on the campus notice boards as well as on the CUI admission website by the respective Admissions Offices. However, applicants are urged to make a proactive effort to know the status of their application for admission by either visiting the concerned campus or CUI's website.

4) Interview

Shortlisted candidates along with parents/guardians may be asked to appear for interviews in respective departments to ascertain their suitability in the program in which admission is being sought.

5) Verification of Documents

Shortlisted candidates will be asked to bring the following documents to the Admissions Office for verification within a

specified time frame:

- Original Certificates/Detailed Mark Sheets of matriculation or equivalent examination, intermediate or equivalent examination, and graduate degree or its equivalent examination (if applicable), with two attested photocopies of each.
- Original Equivalence Certificate along with two attested photocopies.
- Original Migration Certificate along with two photocopies.
- Original Hope Certificate with two attested photocopies or Affidavit (if applicable).
- Undertaking on Stamp Paper, by the student and guardian to abide by the rules and regulations of the University (pattern is given in the prospectus).
- National Identity Card (or 'B' Form) along with two attested photocopies.
- Two passport size photographs attested from the back side. Also the name, guardian's name, and program applied for should be clearly printed on the back of the photographs.

6) Display of Merit List and Admission Offer Letter

The final merit list is displayed on the departmental notice boards as well as on CUI website. After initial scrutiny of the documents, selected candidate will be issued "Provisional Admission Offer Letter" along with a Bank Challan Form for payment of dues.

7) Provisional Admissions

All admissions at CUI will be offered provisionally and will be confirmed once all the desired formalities are met and all the required documents are submitted by the student.

Candidates applying on the basis of Hope Certificate are also conditionally provisionally admitted and must ensure that their results are received in the admission office of concerned campus within 20 teaching days after the commencement of the semester; otherwise their admission will be cancelled. Those getting admission on Hope

Certificate/Affidavit, if could not obtain the minimum qualifying marks or failed to submit in time the equivalence certificate of foreign qualification/examination, on the basis of which they applied for admission, shall have no right to continue their studies and their admissions shall stand cancelled whenever identified.

8) Acceptance of Provisional Admission Offer

Selected candidates are required to accept their Provisional Admission Offer by submitting the signed letter in this regard together with paying the non-refundable admission and tuition fee within the specified dates. Provisional admission will only be confirmed, through a letter, once the payment of fee is confirmed and all the desired documents have been submitted by the student, verified and candidate has been found eligible for admission. If candidates fail to confirm enrolment by the given deadline, selection will stand cancelled and the seat will be offered to the next candidate on the waiting list.

Orientation Session

CUI schedules an Orientation session for all new students to welcome and acquaint them with general policies and services of the University. Registration for courses is also completed at this time. Attendance at this session is mandatory. This is a good chance for students to become familiar with their new environment as well as interact with instructors and their peers.

Financial Support

CUI is providing various opportunities for winning fully funded scholarships and financial support to its students, admitted in the degree programs on purely merit basis. Financial Support Programs (FSPs) at CUI support various categories of students in the form of scholarships, stipends, financial support, etc. The University takes special care of its students and plays vital role to resolve the financial problems of its students. Financial Assistance is available to all students who prove to be needy regardless of race, religion, color, national origin, age or sex. The various types

of Financial Assistance Programs being provided at CUI, for its students are as follows:

1. Need Based Financial Support Program (NBFSP)

- HEC Need-Based Scholarships
- NTS Need-Based Scholarship
- Workers Welfare Board Scholarship

2. Financial Assistance Program

- Punjab Education Endowment Fund (PEEF) Scholarship
- 30% seats reserved in each discipline for the children of Punjab Workers Welfare Board at Lahore campus for undergraduate students.
- Financial Assistance for walk in needy Students.

3. CUI Pecuniary Program (CPP): Kinship / Siblings Pecuniary

When two or more siblings are concurrently students of CUI, the siblings will be financially supported. A financial support of upto Rs. 8,000/- per semester will be provided to all the siblings provided the parents cannot afford to pay the fee and the students show good academic performance. Such cases will be decided by the Financial Support Program Committee (FSPC) at respective Campus.

4. Academic Excellence Recognition Program

Students who demonstrate academic excellence by achieving outstanding positions (First Three) at the end of the semester in each degree program on a campus shall be awarded merit certificates.

5. Meezan Bank Qarz-e-Hasna (Interest Free Loan)

The needy students can also apply for the Meezan Bank Qarze Hasna Scheme (Ihsan Trust). This is lucrative interest free loan for the deserving students studying in all CUI campuses. After the completion of the education, the repayment of Qarze Hasna is adjusted according to the income of the student. During the study period, the student has to pay a nominal, token repayment amount (depending upon the financial position of the candidates, his/her parents/guardians monthly income) to the Ihsan Trust

repayment.

Note: Please contact campus SFAO offices for more campus-specific details of financial support programs.

International Students

As a part of CUI vibrant internationalization policy, induction of international students in its diverse portfolio of degree programs forms an integral part. Thus in its brief history of less than 20 years CUI has attracted above 1,000 international students from 31 different countries. These students receive quality higher education and impactful research opportunities in emerging and cutting edge disciplines. CUI offers various facilities to international students which include state-of-the-art laboratories, highly qualified faculty, on campus medical assistance, well equipped sports centers and international standard accommodation in the campuses).

Currently, CUI is hosting more than 450 international students from 22 different countries such as Afghanistan, Cameroon, China, Ethiopia, Egypt, Gambia, Iraq, Iran, Jordan, Nepal, Nigeria, Somalia, Sudan, Sierra Leone, Tanzania and the US. These students are registered in different postdoc, graduate and undergraduate programs, e.g. Electrical Engineering, Mathematics, Chemistry, Computer Science, Meteorology, Environmental Sciences, Physics, Pharmacy, International Relations and Biosciences in different CUI campuses.

The International Office is the first point of contact for international students. The head office located in Islamabad handles all international applications as well as provides support services to student at CUI. Subsidiary International Admission Unit (IAU) offices set up in each campus cater to the academic and social needs of students in each CUI location.

For admissions and application procedure please visit www.comsats.edu.pk and select International Students tab or <http://ww3.comsats.edu.pk/internationalstudents/>

Eligibility Criteria for Degree Programs: Undergraduate programs:

Applicants must possess a degree (earned after 12 years of education or equivalent) in the relevant filed from an accredited educational institution, with 60% cumulative marks for engineering degree programs and not less than 50% for non-engineering programs.

Application Procedure: Students may apply online at International Students web portal

<http://ww3.comsats.edu.pk/internationalstudents/>

Documents Required:

- Completed admission application form
- Statement of Purpose or Research Plan (see below)
- Scans of degrees and transcripts of all post-secondary degrees (with English translation where required)
- Latest passport size photograph with blue background
- Scan of valid passport (must be valid for the duration of program)
- Evidence showing proficiency in English language

Statement of Purpose (Research Plan):

The statement of purpose is a critical part of the application process for graduate admission, which helps in ascertaining seriousness and aptitude of the applicant. It is the only part of the process that you have complete control over; you cannot change your Grades/GPA, but you can determine the finished product of your statement. It should demonstrate excellence in writing and clarity of thinking. It is a chance to introduce yourself and describe who you are; what your background; and what is important to you. More importantly, the statement of purpose is an opportunity for an applicant to describe your purpose in pursuing graduate study; why this university and/or this specific program is your preferred choice; what are your reasons for graduate study, and what is your plan in pursuing this degree. It should state how well you know the university and justify your reason for studying at CUI.

Visa Requirement:

International students who wish to study in Pakistan need to obtain a Study Visa before travelling to Pakistan. Once you have been issued a provisional admission letter, you should immediately apply for a study visa for Pakistan by sending copies of admission letter, passport and other relevant documents to the nearest Pakistani High Commission/Embassy in your country of residence or a neighbouring country.

Letters of Reference:

Two reference letters typed in double space may accompany your application dossier. Ideally one letter may be from a faculty member of your alma mater, while the second one may be from the employer. Both letters may bring out clearly your suitability for the selected program. Alternatively, both letters could be from your former teachers.

English Language Test Requirements:

CUI Pakistan accepts the following credentials of international students to satisfy the minimum English Language requirements for entry to undergraduate degree programs:

- TOEFL Internet-based test - overall minimum score 60 (IBT) or
- IELTS minimum 5.0 band or
- English Proficiency Certificate from the Last attended Institution

Only original and valid TOEFL or IELTS (Academics) certificates (not more than two years old from last date of application submission) will be accepted.

Visiting Scholars:

CUI provides excellent facilities and research opportunities to International Scholars from accredited international universities and institutions of higher education, who wants to spend 1-2 semesters at CUI for study or research.

Application form and detail information is available at <http://www3.comsats.edu.pk/internationalstudents/>

Accommodation:

CUI provides accommodation to international students (subject to availability). Living on campus provides you with a live-in support network of your university peers, as well as close proximity to classes and study areas. In locations where on-campus dormitories are not available, rented accommodation at a short distance is arranged and a shuttle bus to and from campus operates during the class days.

Orientation and Registration:

Orientation activities take place in the week prior to the start of classes in each semester and will allow you to meet your new classmates and get oriented to the university and its resources. Important orientation activities include registration for courses, overviews of the various academic disciplines, and meetings with faculty and academic advisers, as well as social events for you to meet fellow students and help you settle in to your new community.





CUI Campuses Map Guide

CUI Islamabad

CUI Islamabad campus is accessible via Rawalpindi and Islamabad. From Rawalpindi take the Murree road crossing Faizabad chowk and heading straight towards Rawal Chowk. Take right to and take Park Road that will lead you to the splendid campus of CUI located on the right side after 10 minutes drive.

From within Islamabad follow any route connecting to Zero point and then take the Islamabad highway. After reaching Faizabad chowk take left and you will be heading towards Rawal chowk. After having reached to the Rawal Chowk, take right and take Park Road that will lead you to the splendid campus of CUI located on the right side after 10 minutes drive.

CUI Abbottabad

Taking the route of Wah from Islamabad you will be crossing Wah, Hasanabdal and Hawalian to enter the main city of Abbottabad. Then on following the road leading to Military Academy Kakul will give you a sight to CUI Abbottabad campus.

CUI Wah

Starting from Islamabad, take the road to Taxila. After crossing Taxila underpass, take “u” turn in front of POF barrier No. 5 and move back towards Taxila. Drive further for 200 meters on G.T. Road, where CUI Wah campus is situated on left side of the road.

CUI Lahore

Starting from Islamabad follow motorway route to Lahore.

On reaching Lahore take Canal road i.e. near to Tokhar Niaz Baig chowk. From the roundabout turn towards the Raiwind road, at the end of the road, turn on right for Defence road on which the Lahore CUI campus is situated.

CUI Attock

Starting from Islamabad towards Peshawar on Grand Trunk (GT) Road, after crossing Wah, Hassanabdal, Harrow Toll Palaza and Faqirabad (Lawarance Pur), then after two kilometer on GT, take left on New Hattian Hazro Road which will be reached on Kashif Shaheed Chowd (Old Teenmila Chowk). Then following the Kamra Road again take left from the crossing to enter Attock City where COMSATS Institute of Information Technology (CUI) Attock Campus is located on the right side before entering into the main city. CUI Attock Campus Sign board guide each and every turn from Faqirabad to Attock.

CUI Sahiwal

Following the motorway route or Grand Trunk Road from Islamabad to Lahore, further take the road from Lahore to Multan to approach Sahiwal city. On arrival at Sahiwal city, take the Tufail Shaheed Road and after crossing Over Head Bridge, move towards Police Lines to reach Jail road, where CUI Sahiwal Campus is situated.

CUI Vehari

From Multan, take the Multan road to reach Vehari campus located near Peer Murad Adda on the right side of the road.

From Burewala, take the Burewala road to reach “V” chowk, and from there gear on to Multan road to reach Vehari campus located near Peer Murad Adda on the left side of the road.

Contacts

Admission Offices

Following may be contacted for any admission and scholarships inquiry:

Islamabad

Mr. Rizwan Ahmed

In-Charge Admissions

Phone: (92-51) 9049 5032-5

Email: rizwan_ahmed@comsats.edu.pk

Abbottabad

Mr. Ghias-ud-din Shah

Incharge (Student Affairs)

Phone: 0992-383591-6

E-mail: ghias@cuiatd.net.pk

Wah

Dr. Akmal Javaid

Senior Manager (Student Affairs) / OIC Admissions

Phone: 051-9314482-3, Ext: 228 & 051-9314484

E-mail: akmal@ciitwah.edu.pk

Lahore

Mr. Majid Sultan Bhatti

Senior Coordination Officer

Phone: 042-99204786, 042-111-001-007, Ext: 830, 831, 842

Email: majid.sultan@cui lahore.edu.pk

Attock

Dr. Muhammad Javed

Incharge (Admissions)

Phone: 057-9049159

Email: ic_admissions@cuiatk.edu.pk

Sahiwal

Mr. Rana Adeel Abad

Deputy Registrar (Admissions)

Phone: 040-9200100, 4305001. Ext: 119

E-mail: adeel@ciitsahiwal.edu.pk

Vehari

Mr. Fakhar Hussain

Assistant Program Officer / Incharge (Admissions)

Phone: 067-3001606, 067-3602805

E-mail: admissions@ciitvehari.edu.pk,

fakhar@ciitvehari.edu.pk

International Admissions

Mr. Kashif Masood

Deputy Registrar

Phone: +92-51 8318471, +92-51-9247001-3 Ext: 5195

Email: int.admissions@comsats.edu.pk

Hostels

Following may be contacted for any hostel inquiry:

Islamabad

Girls Hostel

Ms. Farzana Abid

Warden

Phone: 051-8315313

E-mail: farzana_abid@comsats.edu.pk

Abbottabad

Dr. Syed Zulfiqar Ali Zaidi

Hostel Provost

Phone: 0992-383591-5

E-mail: zzaidi@cuiatd.net.pk

Wah

Dr. Muhammad Sharif

Associate Professor / Hostel Warden

Phone: 051-9314382-3, Ext: 205

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