



COMSATS University  
Islamabad (CUI)

# GRADUATE PROSPECTUS 2023-24



## **Disclaimer**

Every effort has been made to ensure that the information in this Prospectus is correct at the time of printing. The COMSATS University Islamabad (CUI), however, reserves the right to make changes, wherever and whenever deemed necessary. In the event of inconsistency between the information contained in the Prospectus and the University's regulations or programs, or where an interpretation of the Prospectus is required, the decision of the University shall be final. The Prospectus does not form any part of a contract between any person and the University.



Prof. Dr. Sajid Qamar  
Acting Rector, CUI

## Rector's Message

Welcome to COMSATS University Islamabad (CUI), a distinguished institution in Pakistan's higher education sector, accommodating around 35,000 students. Our notable achievements position CUI as a preferred choice for aspiring scholars, offering a transformative educational journey. With over 110 undergraduate and graduate programs, guided by a faculty of around 2,100, including internationally acclaimed scholars, CUI provides a diverse and enriching academic experience. Our academic staff, primarily sourced from esteemed universities worldwide, contribute to our international focus, enhancing the diversity of perspectives and experiences available to our students.

CUI boasts a strong foundation in research and development, earning well-deserved recognition among the world's top universities in respected international rankings. Notably, the Higher Education Commission (HEC) of Pakistan consistently ranks CUI among the top five universities in the country. Internationally, Times Higher Education (THE) 2023 rankings place CUI among the world's top 601-800 universities, 174th in Asia. In subject domains like Engineering & Technology, Computer Sciences, and Business & Economics, CUI ranks within the top 301-400 universities globally. Additionally, CUI ranks among the top 501-600 in Life Sciences and 401-500 in Physical Sciences. THE has also recognized CUI with a ranking between 151-200 in the Young University Rankings for 2023. In the Times Higher Education University Impact Rankings for 2023, CUI holds the #1 position in Pakistan and ranks between 201-300 globally, highlighting our commitment to societal impact.

Our focus on international linkages ensures that students benefit from global perspectives and opportunities. With campuses in Islamabad, Lahore, Abbottabad, Wah, Attock, Sahiwal, and Vehari, CUI hosts more than 400 international students from over 20 nationalities, enriching our cultural fabric and infusing our classrooms with diverse viewpoints.

Join us at CUI, where we inspire, empower, and guide students toward success. If you're ready to challenge yourself, unleash your potential, and become part of our vibrant global community, we eagerly await your arrival to embark on a remarkable academic journey together.

*Prof. Dr. Sajid. Qamar*  
*Acting Rector*

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## CUI at a Glance

The COMSATS University Islamabad (CUI) was established in 1998, as COMSATS Institute of Information Technology (CIIT), as a project of the Commission on Science and Technology for Sustainable Development in the South (COMSATS), which is an inter-governmental organization, with 27 member countries. It had the status of a public sector degree awarding higher education institution, which was given charter by the Federal Government in August 2000. Subsequently, it was upgraded to a Federally Chartered University in April 2018, under the COMSATS University Islamabad Act, 2018. CUI is now one of the fastest growing research-based universities in Pakistan, offering a wide spectrum of academic programs. The CUI functions under the governance of the Senate, which is chaired by the President of Islamic Republic of Pakistan, who is also the Chancellor of the University. The Syndicate is the executive body of the University that exercises general supervision and is responsible for the overall management of the University.

## Vision

The COMSATS University Islamabad envisions assuming a truly national character for itself in the years to come. It envisions having presence in all provinces of the country. It sees for itself a position among the top five (5) universities in the country; among top 100 universities in the developing countries and top 300, 200, 100 universities in the world respectively in the 5, 10 and 15-years' time horizon.

## Mission Statement

The COMSATS University Islamabad, 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 subjects; and to the application of this knowledge to benefit the people of Pakistan, the Muslim Ummah, and the World, at large. The University's mission is threefold:

- i) Research and Discovery
- ii) Teaching and Learning
- iii) Outreach and Public Service







## Quick Facts

Strengths	2000	2023
Campuses	1	8
Faculties	2	6
Academic Programs	3	106
Departments	2	22
Centers	-	08
Faculty Members	15	2,100+
Research Papers	-	23,000+
Students	277	33,000+
Graduates	-	93,000+
Convocations	-	134+
International MoUs	-	155
National MoUs	-	113

## National Impact



## 2<sup>nd</sup> in Pakistan in: (QS World University Rankings by Subject - 2023)

1. Accounting & Finance
2. Chemistry
3. Computer Science & Information Systems
4. Economics & Econometrics
5. Electrical & Electronic Engineering
6. Engineering & Technology
7. Natural Sciences
8. Physics



## 3<sup>rd</sup> in Pakistan in: (QS World University Rankings by Subject - 2023)

1. Biological Sciences
2. Environmental Engineering
3. Mathematics
4. Chemical Engineering
5. Mechanical Engineering



# International Ranking



Among 201-500 in THE Asia University Rankings 2022



Among 251-300 in THE Young University Rankings 2022



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



3G Award for Research Excellence 2018 and for Excellence in Higher Education 2019



No. 142  
Quacquarelli Symonds (QS)  
Asian University Rankings 2023



Among 301-360  
Quacquarelli Symonds (QS)  
World University Rankings  
Sustainability 2023



No 18  
Quacquarelli Symonds (QS)  
Asia University Rankings 2023  
Southern Asia

## Research Centers

The centers of excellence are symbols of pride and recognition for any higher education institution, as they show the underlying strength in these disciplines to carry out world-class research and development. CUI has established the following ten research centers so far, while a few more are in the pipeline. The details of research centers established at CUI are as follows:

- ☑ Center for Advanced Studies in Telecommunication (CAST)
- ☑ Interdisciplinary Research Center in Biomedical Materials (IRCBM)
- ☑ Interdisciplinary Research Center (IRC)
- ☑ National Center for Artificial Intelligence (NCAI)
- ☑ China Study Center (CSC)
- ☑ Center for Policy Studies (CPS)
- ☑ Business Incubation Center (BIC)
- ☑ Center for Climate Research and Development (CCRD)
- ☑ Center of Advance Drug Research (CADR)
- ☑ Energy Research Center (ERC)

In addition, few other research units are functioning at various CUI campuses, including the Engineering Resource Center (ERC), the Center for Research in Management Sciences, Life Sciences Services Center (LiSCENT), COMSATS Community Development Unit (CCDU), Information Technology (IT) Center, CISCO Regional Academy, and the Center for Micro and Nano Devices, etc.

## Research, Innovation & Commercialization

The Research, Innovation and Commercialization activities at CUI are meant to link research activities directly to educational, social and economic priorities of CUI and its broader community and are aimed at boosting the knowledge economy. Details of research activities carried out by CUI are as follows:

Research papers published by CUI faculty from 2005 till 2022 are more than 23,380. Most papers are in ISI indexed journals. CUI is the only University in Pakistan that has crossed the milestone of 2,000 impact factor publications in a single year (2017). Additionally, 3,343 impact factor research publications were published by CUI faculty in 2019-20. Research activities are not confined solely to publishing of research papers but also include books and patents. Books published till date are more than 85, whereas 97 patents have been filed for registration, out of which 43 (24 in the USA, 19 in Pakistan) have already been granted. Few notable products developed by the University include the Electronic Voting Machine (EVM), BioPhos and HumiPhos by Auriga Fertilizer, Light Sensor Switches, Simulation machine for Paramilitary Training, Optical Mark Reader, Light Emitting Diode (LED) Street Lights, Data Logger, Gloss Dish wash, Surface Cleaner, Hand Sanitizer and Smartphone Application Development.

The Research, Innovation, and Commercialization activities at COMSATS University Islamabad (CUI) are strategically aligned with educational, social, and economic priorities, aiming to bolster the knowledge economy. These endeavours are intricately linked to broader community needs, fostering innovation and entrepreneurial spirit. Notable highlights of CUI's research activities include:

1. Business Incubation Center (BIC) of CUI has enrolled 280 companies since its inception. During the year 2022-23, 22 student startups have been enrolled at SSBC and eight female entrepreneurs have been enrolled under the United States project, OREGON, RAIN, whereas seven companies have been enrolled in Cubator-Inc. Furthermore, BIC companies have generated more than 389 million rupees in revenue and created 164 paid internships including 450 jobs during the year.

2. BIC has entered into multiple Memorandums of Understanding (MoUs), one of which is with Transmatics (Pvt.) Ltd., focusing on the organization of conferences, seminars, and career networking events. Furthermore, BIC has established an additional MoU with MetaPi (Pvt.) Ltd. to foster stronger industry-academia collaborations. Moreover, BIC has inked an MoU with RAIN Catalyst to bolster and empower women-led entrepreneurship initiatives in Pakistan.
3. The total publications of CUI from the year 2005 to 2023 are 24,889 as on Aug 9, 2023. In the calendar year 2022 the figure was 2,731 as per data collected from CUI researchers individually and in the year 2023 it was 1,514. Total publications for FY 2022-23 were 2,560.
4. Books published till date are more than 85, whereas 99 patents have been filed for registration, out of which 43 (24 in the USA, 01 in EU, 18 in Pakistan) have already been granted. Few notable products developed by the University include the Electronic Voting Machine (EVM), BioPhos and HumiPhos by Auriga Fertilizer, Light Sensor Switches, Simulation machine for Paramilitary Training, Optical Mark Reader, Light Emitting Diode (LED) Street Lights, Data Logger, Gloss Dish wash, Surface Cleaner, Hand Sanitizer and Smartphone Application Development.
5. The Center for Advance Drug Research (CADR) CUI, Abbottabad Campus is the finest and only drug research centre of Pakistan that is carrying out applied research at an advanced level. It has been involved in innovative and applied research projects and has filed five patents and published 370 articles in high impact factor journals with an impact factor of 1,450 till 2023. CADR is working on the invention of drugs for treatment of cardiovascular diseases.
6. Recently, two druggable compounds, discovered by the CADR are being marketed by a USA-based top-rated chemical company which has offices globally. In the last year, two research grants were awarded from the German funding agency (Academic Exchange Service, DAAD). Another research grant was awarded by the Government of France.
7. CADR has collaborations with international universities of top 200 ranking. Several PhD students, working in CADR, went to Germany and France for advanced

training in handling latest research equipment. CADR has been awarded the Higher Education Commission of Pakistan (HEC) research grants to combat diabetes. A faculty member of CADR has been awarded Tamgha-e-Imtiaz, Gold Medal by the Pakistan Academy of Sciences, Fellow of Pakistan Academy of Sciences, HEC Outstanding Research Award at the National level.

8. The Interdisciplinary Research Centre in Biomedical Materials remained engrossed in translational R&D in the field of Biomedical Materials, Tissue Engineering, Regenerative Medicine and Sensors/Biosensors. Its publications crossed the 800 and the past year saw IRCBM actively pursuing 3rd party toxicity trials of its advanced wound care product and applying for regulatory approvals for an advanced wound dressing aimed at healing diabetic foot ulcers. Its wound healing technologies licensed to a national company have been soft launched by the licensee in the Pakistani market. IRCBM has co-published with personnel from more than 60 countries during its active tenure - putting CUI and Pakistan strongly on the world map of science and technology.
9. The Centre for Climate Research and Development (CCRD), at CUI is engaged in the different multi-disciplinary climate research projects, capacity building and climate change awareness related activities, given the fact the Pakistan is one of the most climate vulnerable countries in the world. It is pertinent to mention that CCRD is addressing these issues through detailed scientific studies, addressing various aspects of pure and applied climate science as it relates to Pakistan till year 2023. CCRD has completed 15 research projects and currently four projects are ongoing, with a total worth of Rs.107 million.
10. So far, CCRD has published over 100 research articles, 16 book chapters, several newspapers articles, blogs and produced over 10 video clips based on project outcomes, for raising awareness about climate change among respective communities. As of now, CCRD can address 11 out of 17 SDGs.

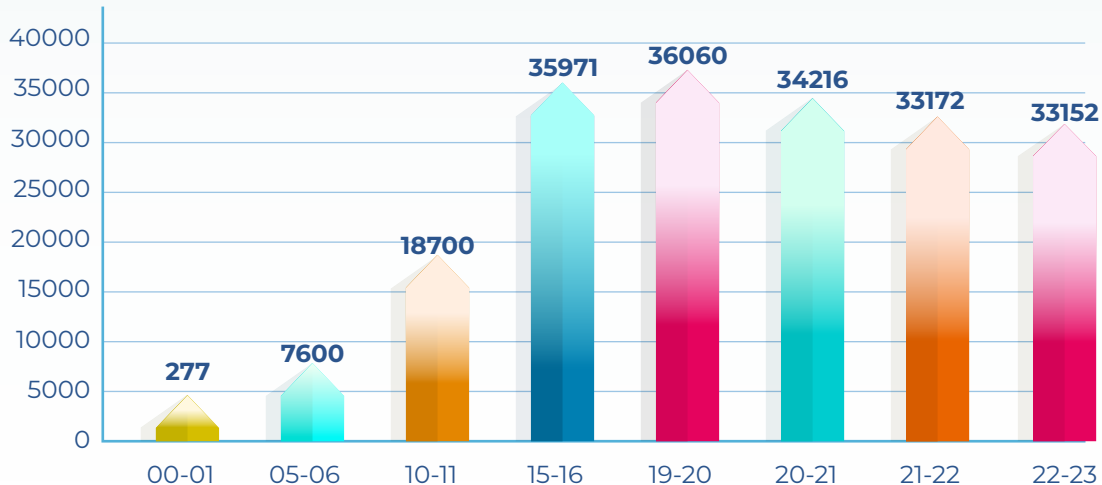
## Licensed Technologies

CUI Made 03 licensing agreements with the following companies as mentioned below; · Wound Healing Medicaments (Cannenta-Australia) · Haemostats and Artificial Skin (Cotton Craft - Pakistan) · Mycotoxin Detector (Ecoglobal - Pakistan)

CUI also registered the following products with Drug Regulatory Authority of Pakistan (DRAP): · KyotoGraft · KyotoInsta · KyotoStat

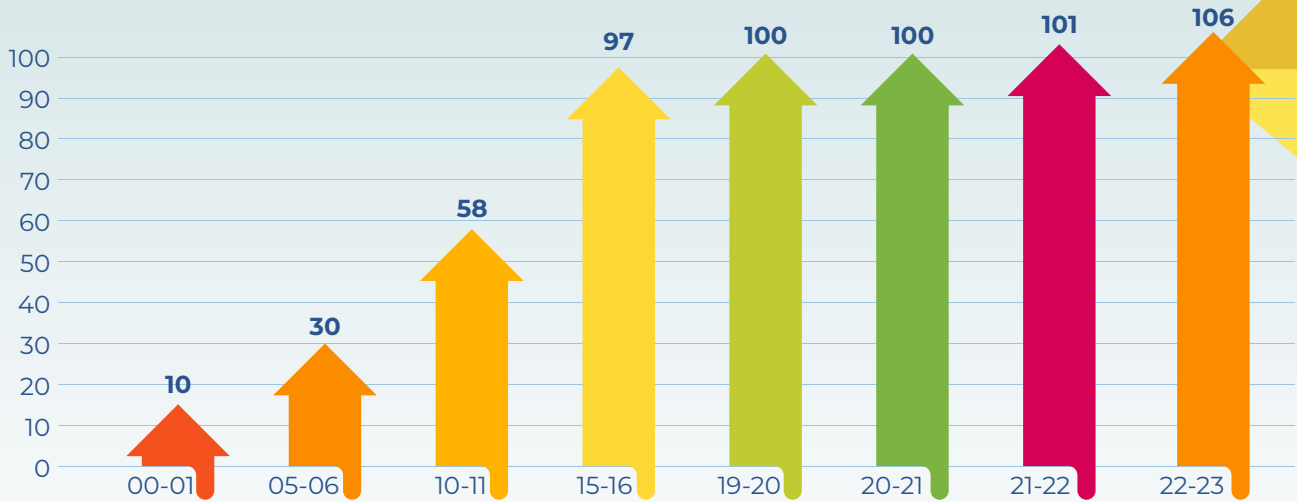
Furthermore, the Medical Imaging and Diagnostics Lab (MID), National Center for Artificial Intelligence (NCAI), has 3 crore ongoing projects, i.e. Breast Cancer, Brain Tumor and TB detection. The related products have been developed and ready to be commercialized.

### YEAR-WISE STUDENT ENROLLMENT

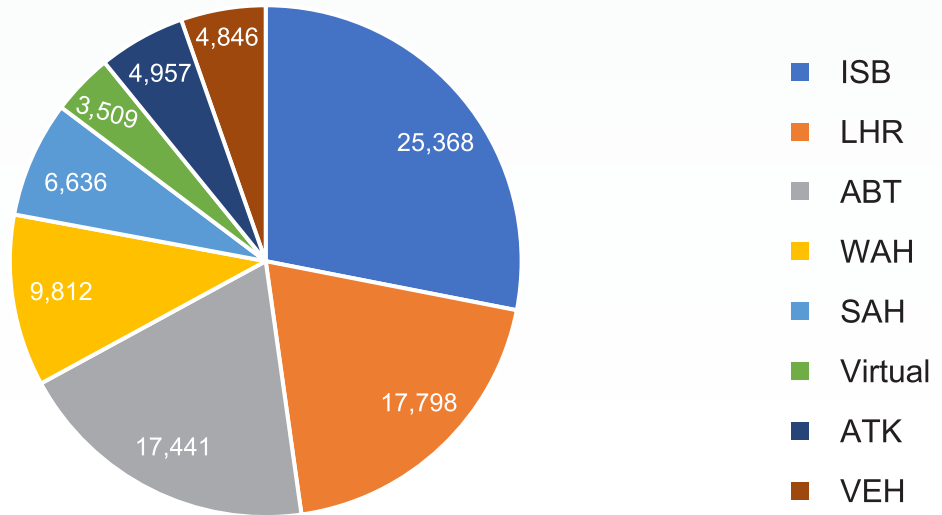




## ACADEMIC PROGRAMS



## ALUMNI DATA-CAMPUS-WISE NUMBER OF GRADUATES
































# Academic Programs

Following graduate degree programs are being offered the academic year 2023-24:

Graduate Programs (2023-2024)		Campuses						
		Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
<b>Department of Computer Science</b>								
01	MS in Computer Science	🎓	🎓	🎓	🎓	🎓	🎓	🎓
02	MS in Artificial Intelligence	🎓						
03	MS in Software Engineering	🎓						
04	MS in Cyber Security							
05	PhD in Computer Science	🎓	🎓	🎓	🎓	🎓	🎓	
<b>Department of Electrical and Computer Engineering</b>								
01	MS in Computer Engineering	🎓	🎓		🎓			
02	MS in Electrical Engineering	🎓	🎓	🎓	🎓	🎓		
03	MS Energy Systems Engineering				🎓			
04	PhD in Computer Engineering	🎓			🎓	🎓		
05	PhD in Electrical Engineering	🎓	🎓	🎓	🎓	🎓		
<b>Department of Chemical Engineering</b>								
01	MS in Chemical Engineering				🎓			
02	MS in Energy & Environmental Engineering				🎓			
03	PhD in Chemical Engineering				🎓			
<b>Department of Civil Engineering</b>								
01	MS in Environmental Engineering		🎓					
02	MS in Civil Engineering		🎓	🎓				
03	PhD in Civil Engineering		🎓	🎓				
<b>Department of Mechanical Engineering</b>								
01	MS in Mechanical Engineering			🎓				
02	PhD in Mechanical Engineering			🎓				

Department of Management Sciences								
01	MS in Banking and Finance (Program discontinued)							
02	MS in Management Sciences							
03	MS in Project Management							
04	MBA							
05	PhD in Management Sciences							
Department of Economics								
01	MS in Economics							
02	PhD in Economics							
Department of Development Studies								
01	MS in Development Studies							
02	MS in Conflict, Peace and Development Studies							
03	PhD in Development Studies							
Department of Humanities								
01	MS in International Relations							
02	MS in English (Linguistic and Literature)							
03	MS in Clinical Psychology							
Department of Environmental Sciences								
01	MS in Environmental Sciences							
02	PhD in Environmental Sciences							
Department of Biotechnology								
01	MS in Biotechnology							
02	PhD in Biotechnology							
Department of Mathematics								
01	MS in Mathematics							
02	PhD in Mathematics							
Department of Chemistry								
01	MS in Chemistry							
02	PhD in Chemistry							

Department of Pharmacy								
01	MS in Pharmacy							
02	PhD in Pharmacy							
Department of Biosciences								
01	MS in Biochemistry and Molecular Biology							
02	MS in Bioinformatics							
03	MS in Biosciences							
04	MS in Microbiology and Immunology							
05	MS in Molecular Genetics							
06	MS in Molecular Virology							
07	PhD in Biochemistry and Molecular Biology							
08	PhD in Biosciences							
09	PhD in Microbiology and Immunology							
10	PhD in Molecular Genetics							
Department of Meteorology								
01	MS in Meteorology							
02	MS in Remote Sensing & GIS							
03	PhD in Meteorology							
04	PhD in Remote Sensing & GIS							
Department of Physics								
01	MS in Physics							
02	PhD in Physics							
Department of Earth Sciences								
01	MS in Earth Sciences (Applied Geology/Applied Geophysics)							
02	PhD in Geology							
03	PhD in Geophysics							
Department of Statistics								
01	MS in Statistics							
02	PhD in Statistics							



## Admissions and Academics

At CUI admission into the Graduate Programs is offered purely on merit. The merit is determined on combination of three factors – the candidate's academic record, GRE/NTS-GAT scores and interview.

## General Eligibility Criteria

### Pre-Requisites

#### MS Programs

A 16-year education and a degree in the relevant field from an accredited educational institution, with minimum first division (annual system) or CGPA 2.5/4.0 (semester system) and no third division (annual system) or 'D' grade (semester system) throughout the academic career.

NTS GAT (General) with minimum score of 50.

#### PhD Programs

An MS/M.Phil degree with Thesis of 06 credit hours, or its equivalent degree, with Thesis of 06 credit hours, in the relevant field, from an accredited educational institution, with minimum CGPA of 3.0/4.0 (semester system) or 70% marks (annual system), and no third division (annual system) or 'D'

grade (semester system) throughout the academic career.

GRE (subject), as per HEC policy, or NTS GAT (subject) with minimum score of 60.

### Programs Duration

#### MS Programs

The duration of studies for the MS degree shall normally be not less than two years and not more than four years.

#### PhD Programs

The duration of studies for the PhD degree shall normally be not less than three years and not more than five years.

### Coursework

#### MS Programs

An MS scholar shall have to complete a minimum of 30 credit hours, by undertaking 24 credit hours coursework from the approved 'Scheme of Studies,' and 6 credit hours of MS Thesis.

#### PhD Programs

- a) A PhD scholar shall have to complete 18 credit hours of graduate level coursework

from approved the 'Scheme of Studies,' and 9 credit hours of PhD Thesis.

- b) The registration of PhD Thesis of 09 credit hours shall be allowed after the completion of coursework for the PhD degree.
- c) If the scheme of courses completed by candidates for their last degree, in the relevant field, does not provide adequate academic foundation/background for the PhD program into which they are seeking admission, they may be required to rectify such deficiency by taking one, or more, additional courses proposed by the departmental Advisory Committee.

## How to Apply

Admission to various degree programs at CUI is open to all eligible candidates, without any discrimination and with equal opportunities for all; hence all admissions are regulated purely on merit.

## Application Procedure

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

### 1) Online Admission Application

- ☑ Candidates are required to apply on CUI Online Admission System by the following link <http://admissions.comsats.edu.pk>.
- ☑ After submitting the online application, a scanned copy of the same, along with scanned copies of all required documents, as mentioned in the Online Admission Portal, must also be submitted online within the admissions deadline. All admissions at CUI shall be offered 'provisionally,' subject to confirmation once all the desired formalities are met and all the required documents are submitted by the student.
- ☑ Applications for admission must be submitted within deadline advertised in the media at the time of admission. Late submission of application shall not be entertained under any circumstances.
- ☑ Candidates must themselves check the eligibility criteria before submitting their online application forms to ensure that they are academically eligible for admission into the program(s) of their choice.

### 2) Entrance Test

Applicants need to have valid relevant NTS Test score result (GAT General/ Subject) at the time of application submission. However, after the



last date of submission of Admission Forms, entrance test will be conducted by NTS, according to the admission schedule OR on the given date(s), as notified by NTS, through their website ([www.nts.org.pk](http://www.nts.org.pk)) and the media. All admissions shall be offered purely on merit, which is determined by the weightage criteria as mentioned below:

Degree Programs	% Weightage
<b>For Master of Science Degree</b>	
Matriculation (or equivalent)	05 %
Intermediate (or equivalent)	10 %
Graduate Degree (2 years)	10 %
Master Degree (2 years) <b>OR</b>	15 %
Graduate Degree (4 years)	25 %
GAT/GRE Test Score	40 %
Interview*	20 %
<b>For PhD Degree</b>	
Matriculation (or equivalent)	05 %
Intermediate (or equivalent)	05 %
Graduate Degree (2 years)	05 %
Master Degree (2 years) <b>OR</b>	10 %
Graduate Degree (4 years)	15 %
MS/MPhil	20 %
GAT/GRE Test Score	25 %
Interview	30 %

\*The passing marks will be 60%. However, those who fail in the interview will not be offered admission.

### 3) Interview and Preliminary Selection

The list of applicants selected to appear for the interview is displayed on the campus notice boards as well as on the CUI website on specified dates. The overall merit list is prepared by combining the weighted average marks obtained in the previous public examinations, with the marks obtained in the relevant NTS test and the interview.

Candidates are required to appear before the Departmental Graduate Admission Committee for interview and preliminary selection, as per specified schedule. Applicants must bring all original academic certificates/degrees at the time of interview, for verification.

### 4) Display of Merit List and Provisional Admission Offer Letter

The recommendations of the Departmental Graduate Admission Committees are scrutinized by the Campus Graduate Admission Committee, which finally approves provisional admissions. The final merit list is displayed on the departmental notice boards, as well as on CUI website, and selected applicants are issued 'Provisional Admission Offer Letter,' along with a Bank Challan Form for payment of dues within a specified deadline.

## 5) Acceptance of Provisional Admission Offer

Selected candidates who decide to accept the Provisional Admission Offer, must submit the signed letter, in this regard, together with payment of non-refundable admission and tuition fee, within the specified deadline. Provisional admission shall only be confirmed, through a letter, once the payment of fee is confirmed, and all the required documents have been submitted by the student and verified by concerned Campus, that candidate has been found eligible for admission and approved by BASAR. If any candidate fails to confirm enrolment by the given deadline, his/her selection shall be deemed cancelled and the seat would be offered to the next candidate in merit on the waiting list.

## Financial Support

CUI provides many opportunities to students for qualifying for fully funded scholarships and financial support. Financial Support Programs (FSPs) at CUI facilitate various categories of students, in the form of need-based scholarships, stipends, financial support, Qarz-e-Hasna etc. CUI takes special care of its students and plays a key role in resolving their financial issues. Financial Assistance is available to all students with established genuine need, regardless of race, religion, color,

national origin, age, or gender. Campus scholarship offices may be reached for further details in this regard.

## International Students

As a part of its vibrant internationalization policy, CUI actively inducts international students in its diverse portfolio of degree programs. CUI has attracted over 1,700 international students from 40 countries since inception. These students receive quality higher education and research opportunities in emerging and cutting-edge disciplines. The facilities for international students include state-of-the-art laboratories, highly qualified faculty, on-campus medical assistance, well equipped laboratories, sports centers, and international standard on-campus accommodation.

Currently, over 480 international students from 23 countries are studying at CUI, which include Afghanistan, Azerbaijan, Benin, Cameroon, Canada, China, Ethiopia, Egypt, Gambia, Iran, Iraq, Ireland, Japan, Jordan, Kenya, Nigeria, Rwanda, Sierra Leone, Somalia, Sri Lanka, Sudan, Tanzania, Yemen, and the USA. These students are registered in different post-doctorate, graduate, and undergraduate programs, e.g., Electrical Engineering, Mathematics, Chemistry, Computer Science, Meteorology, Environmental Sciences, Physics,

Pharmacy, International Relations, and Biosciences in various CUI campuses.

The International Office at CUI is the first point of contact for international students. Located at the University's head office (Principal Seat), in Islamabad, it handles all international admission applications for all campuses and provides numerous support services to students. It also has subsidiary International Admission Units at each campus, which cater to the academic and social needs of students at each CUI location.

For Admissions and application procedure regarding graduate programs please visit '[www.comsats.edu.pk](http://www.comsats.edu.pk)' and select 'International Students' tab or <http://www3.comsats.edu.pk/internationalstudents/>.

The graduate degree programs eligibility criteria for International students are as follow:

**PhD programs:** 18 years Master's degree in the relevant field from accredited National/ International University with minimum score CGPA 3.00 out of 4.00 in semester system or 70% marks in annual examination system, with no third division (annual system) or grade 'D' (semester system) during their academic career.

**Master of Science programs:** 16 years Bachelor's degree in the relevant field from accredited International University with CGPA 2.5/4.0 (semester system) or not less than 60% marks in annual system, with no third division (annual system) or grade 'D' (semester system) during their academic career.





## Specific Eligibility Criteria

### a) Programs Offered with General Eligibility Criteria

The general eligibility criteria for admissions in graduate degree programs (MS and PhD) as mentioned at page 13 is applicable to following programs:

## Faculty of Science

### Department of Mathematics

- ☑ Doctor of Philosophy in Mathematics

### Department of Environmental Sciences

- ☑ Master of Science in Environmental Sciences
- ☑ Doctor of Philosophy in Environmental Sciences

### Department of Biotechnology

- ☑ Master of Science in Biotechnology
- ☑ Doctor of Philosophy in Biotechnology

### Department of Chemistry

- ☑ Master of Science in Chemistry
- ☑ Doctor of Philosophy in Chemistry

### Department of Statistics

- ☑ Master of Science in Statistics
- ☑ Doctor of Philosophy in Statistics

### Department of Biosciences

- ☑ Master of Science in Biosciences
- ☑ Doctor of Philosophy in Biosciences
- ☑ Master of Science in Biochemistry and Molecular Biology
- ☑ Doctor of Philosophy in Biochemistry and Molecular Biology
- ☑ Master of Science in Molecular Genetics
- ☑ Doctor of Philosophy in Molecular Genetics
- ☑ Master of Science in Microbiology and Immunology
- ☑ Doctor of Philosophy in Microbiology and Immunology
- ☑ Master of Science in Molecular Virology
- ☑ Master of Science in Bioinformatics

### Department of Meteorology

- ☑ Master of Science in Meteorology
- ☑ Master of Science in Remote Sensing and GIS
- ☑ Doctor of Philosophy in Meteorology
- ☑ Doctor of Philosophy in Remote Sensing & GIS

### Department of Physics

- ☑ Doctor of Philosophy in Physics

### Department of Pharmacy

- ☑ Master of Science in Pharmacy
- ☑ Doctor of Philosophy in Pharmacy

## Department of Earth Sciences

- ☑ Master of Science in Earth Sciences (Applied Geology/Applied Geophysics)

## Faculty of Business Administration

### Department of Management Sciences

- ☑ Master of Business Administration
- ☑ Master of Science in Management Sciences
- ☑ Master of Science in Project Management
- ☑ Master of Science in Banking and Finance
- ☑ Doctor of Philosophy in Management Sciences.

### Department of Economics

- ☑ Master of Science in Economics
- ☑ Doctor of Philosophy in Economics

### Department of Development Studies

- ☑ Master of Science in Development Studies
- ☑ Master of Science in Conflict, Peace and Development Studies
- ☑ Doctor of Philosophy in Development Studies

### Department of Humanities

- ☑ Master of Science in International Relations
- ☑ Master of Science in English (Linguistic & Literature)
- ☑ Master of Science in Clinical Psychology

## Faculty of Information Sciences and Technology

### Department of Computer Science

- ☑ Master of Science in Computer Science
- ☑ Master of Science in Software Engineering
- ☑ Master of Science in Cyber Security
- ☑ Master of Science in Artificial Intelligence
- ☑ Doctor of Philosophy in Computer Science

## Faculty of Engineering

### Department of Electrical and Computer Engineering

- ☑ Master of Science in Electrical Engineering
- ☑ Doctor of Philosophy in Electrical Engineering
- ☑ Master of Science in Computer Engineering
- ☑ Doctor of Philosophy in Computer Engineering

### Department of Chemical Engineering

- ☑ Master of Science in Chemical Engineering
- ☑ Master of Science in Energy & Environmental Engineering
- ☑ Doctor of Philosophy in Chemical Engineering

### Department of Mechanical Engineering

- ☑ Master of Science in Mechanical

Engineering

- ☑ Doctor of Science in Mechanical Engineering

### **Department of Civil Engineering**

- ☑ Doctor of Science in Civil Engineering

### **b) Programs Offered with Specific Eligibility Criteria**

The following programs are offered with specific eligibility criteria:

- 1) Master of Science in Physics
- 2) Master of Science in Environmental Engineering
- 3) Master of Science in Civil Engineering
- 4) Master of Science in Energy Systems Engineering
- 5) Master of Science in Mathematics
- 6) Doctor of Philosophy in Geophysics
- 7) Doctor of Philosophy in Geology



Their eligibility criteria are as follows:

## Faculty of Science

### Department of Physics

Program Criteria	Master of Science in Physics
Entry Requirements:	16 years education with a degree in one of the subjects: Physics, Computer Science (with BSc. in Physics and Mathematics), Mathematics (Applied), Computer Engineering, Engineering Sciences; BE in Electrical Engineering; BS in Materials Science/Metallurgical Engineering; BE in Mechatronics; BS in Medical Physics, Applied Physics, Computational Physics, Space Physics/Space Sciences and the relevant allied field from an accredited educational institution with minimum first division (annual system) or CGPA 2.5/4.0 (semester system)
	Candidates majoring in subjects other than Physics will be required to take some additional pre-requisite courses
	No third division (annual system) or D grade (semester system) throughout the academic career
	GAT (General) with minimum 50% marks
Offering Campus(es):	Islamabad and Lahore



## Department of Mathematics

Program Criteria	Master of Science in Mathematics
Entry Requirements:	BS (4 Years) in Mathematics or M.Sc. (2 Years) in Mathematics or its equivalent 16 years of education from an accredited educational institution, with minimum first division (annual system) or CGPA 2.5/4.0 (semester system)
	No third division (annual system) or D grade (semester system) throughout the academic career
	GAT (General) with minimum score of 50
Offering Campus(es):	Islamabad, Abbottabad, Wah, Lahore, and Attock

## Department of Earth Sciences

Program Criteria	Doctor of Philosophy in Geophysics	Doctor of Philosophy in Geology
Entry Requirements:	An MS/MPhil degree in Geophysics with thesis of 06 credit hours in the relevant field from an accredited educational institution with minimum CGPA 3.0/4.0 (semester system), 70% marks (annual system)	An MS/MPhil degree in Geology with thesis of 06 credit hours in the relevant field from an accredited educational institution with minimum CGPA 3.0/4.0 (semester system), 70% marks (annual system)
	No third division (annual system) or D grade (semester system) throughout the academic career	No third division (annual system) or D grade (semester system) throughout the academic career
	GRE(subject) as per HEC policy or NTS/GAT(subject) with minimum score of 60%	GRE(subject) as per HEC policy or NTS/GAT(subject) with minimum score of 60%
Offering Campus(es):	Abbottabad	

## Department of Electrical and Computer Engineering

Program Criteria	Master of Science in Energy Systems Engineering
Entry Requirements:	A 16 years degree preferably in Energy, Environmental, Electrical, Mechanical, Chemical, Mechatronics, Petroleum & Gas, Polymer, Metallurgy, Materials, Mining, Geology, Power and Industrial Engineering or in the relevant field from an accredited institution, with First Division (annual system) or minimum CGPA 2.5/4.0 (semester system)
	No third division (annual system) or D grade (semester system) throughout the academic career
	GAT(General) with minimum of 50% marks
Offering Campus(es):	Lahore

## Department of Civil Engineering

Program Criteria	Master of Science in Environmental Engineering	Master of Science in Civil Engineering
Entry Requirements:	A 16 years education with a degree in engineering relevant field from an accredited educational institution with first division (annual system) or CGPA 2.5/4.0 (semester system)	A 16 years education with a degree in relevant field (Civil Engineering) from an accredited educational institution with first division (annual system) or CGPA 2.5/4.0 (semester system)
	No third division (annual system) or D grade (semester system) throughout the academic career	
	GAT(General) with minimum of 50% marks	
Offering Campus(es):	Abbottabad	Abbottabad and Wah

## Note:

- a) The approved 'Scheme of Studies' of all graduate programs is available in the Registrar Office at all campuses, and also on the following link:  
**<http://cuonline.comsats.edu.pk/publicaccess>**
- b) The approved Rules and Regulations governing Graduate Programs can be obtained from the Registrar Office at any campus.
- c) All other Regulations, approved and issued from time to time, regarding Graduate Degree Programs shall be applicable.





## Contacts

### Admission Offices

Following may be contacted for any admission and scholarships inquiry:

#### Islamabad

Mr. Rizwan Ahmed  
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#### Abbottabad

Dr. Faisal Rehman  
Incharge (Student Affairs)  
Phone: 0992-383591-6  
E-mail: frehman@cuiatd.edu.pk

#### Wah

Dr. Akmal Javaid  
Senior Manager (Student Affairs) / OIC  
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Phone: 051-9314482-3, Ext: 228 & 051-9314484  
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#### Lahore

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#### Attock

Mr. Muhammad Javed  
Incharge Admissions  
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#### Sahiwal

Mr. Safdar Ali  
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#### Vehari

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