

***GRADUATE
PROGRAMS
2020 - 2021***

***ADMISSION
GUIDE***



**COMSATS University
Islamabad**



Disclaimer

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

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CUI at a Glance

COMSATS University Islamabad (CUI) is the fast-growing research-based university in Pakistan, with a wide range of academic programs, ranging from basic sciences to cutting edge emerging technologies and a network of inter-disciplinary research centers making it an ideal place for higher studies leading to MS and PhD degrees. Established in 1998 as COMSATS Institute of Information Technology (CIIT) and later granted status of Degree Awarding Institute (DAI) by Federal Government of Pakistan on August 12, 2000, it has been upgraded to a Federally Chartered University in April 2018 under the COMSATS University Islamabad Act 2018.

Degree Awarding University

The CUI functions under the governance of the Senate which is chaired by the Chancellor of the university. The President of Islamic Republic of Pakistan is the Chancellor of the University. Besides, Islamabad it has campuses in Lahore, Abbottabad, Wah, Attock, Sahiwal, Vehari and a Virtual campus as well.

Campuses

Besides the principal campus at Islamabad, others campuses of CUI at Abbottabad, Wah, Lahore, Attock, Sahiwal and Vehari are fully functional along with its Virtual Campus. Few more campuses are also in the pipeline.



Islamabad Campus



Established in: **1998**
Students: **9,806**
Convocations: **27**
Graduates: **18,835**
Faculty: **746**

Abbottabad Campus



Established in: **2001**
Students: **5,970**
Convocations: **28**
Graduates: **13,789**
Faculty: **457**

Wah Campus



Established in: **2001**
Students: **3,751**
Convocations: **23**
Graduates: **7,408**
Faculty: **195**

Lahore Campus



Established in: **2002**
Students: **8,696**
Convocations: **19**
Graduates: **13,482**
Faculty: **549**

Attock Campus



Established in: **2004**
Students: **2,256**
Convocations: **19**
Graduates: **3,831**
Faculty: **130**

Sahiwal Campus



Established in: **2006**
Students: **3,069**
Convocations: **14**
Graduates: **4,657**
Faculty: **220**

Vehari Campus



Established in: **2008**
Students: **2,303**
Convocations: **15**
Graduates: **3,440**
Faculty: **190**

Virtual Campus

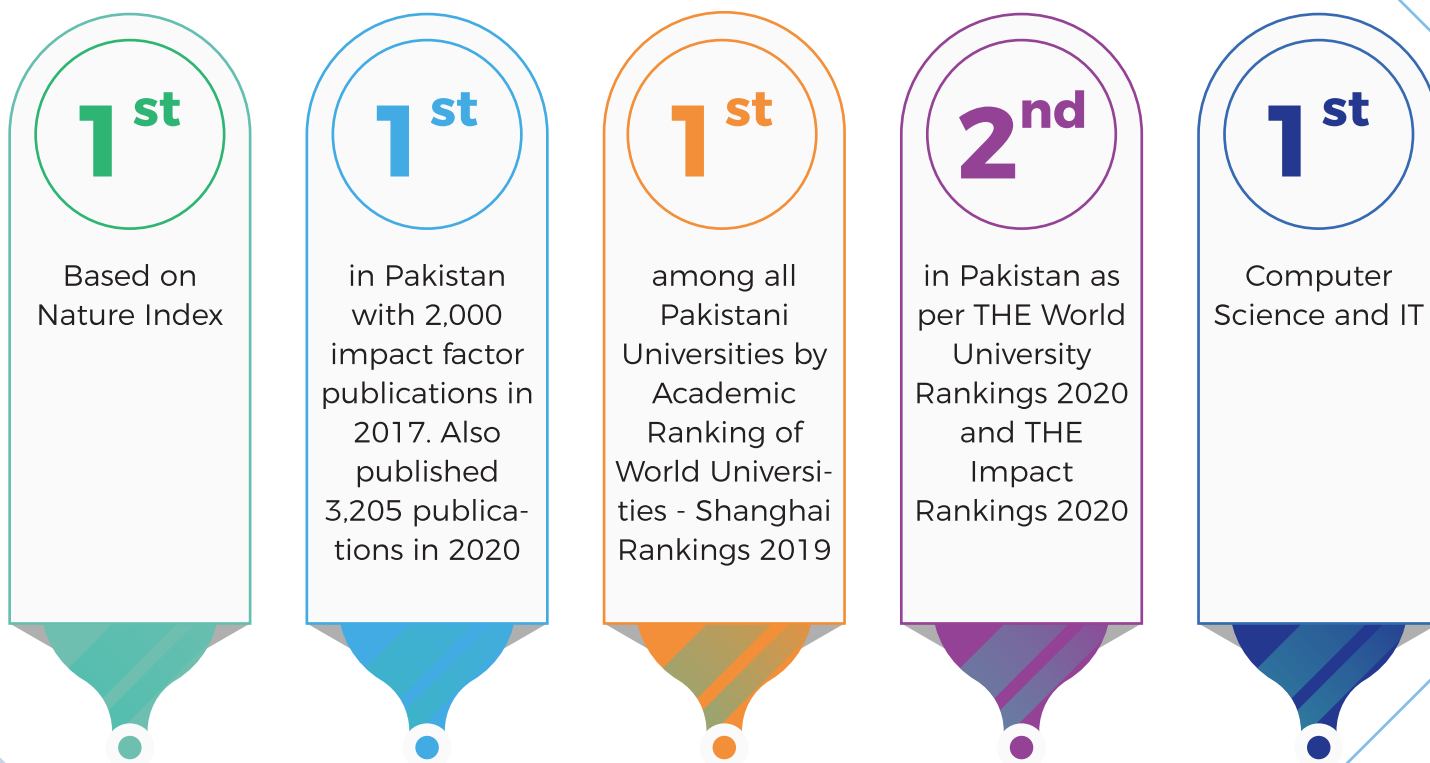


Established in: **2012**
Students: **185**
Convocations: **01**
Graduates: **3,509**
Faculty: **46**

Quick Facts

Strengths	2000	2020
Campuses	1	8
Faculties	2	6
Academic Programs	3	100
Departments	2	22
Centers	-	08
Faculty Members	15	2,700+
Research Papers	-	10,000+
Students	277	36,036+
Graduates	-	68,951+
Convocations	-	128
International MoUs	-	155
National MoUs	-	88

National Impact



International Impact



Among 601-800 World Best Universities in TIMES Higher Education Rankings World University Rankings 2020



Among 301-400 in 2019 THE Engineering & Technology subject ranking



Among 401-500 in 2019 THE Computer Science & Life Sciences subject ranking



Among 501-600 in 2019 THE in Physical Sciences subject rankings



Ranked 159th in THE Emerging Economies Rankings 2020



Ranked at 221 in THE University Impact Rankings 2020



Among 501-600 world universities by Academic Ranking of World Universities (ARWU) Shanghai Rankings 2019



Among 801-1000 world best universities in QS World University Rankings 2021



No. 149 Quacquarelli Symonds (QS) Asian University Ranking 2020



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

Research Centers

The centers of excellence are symbol 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. The CUI has established the following research centers so far and a few are in the developing stage. The detail of research centers established at CUI is as follows:

- Center for Advanced Studies in Telecommunication (CAST)
- Interdisciplinary Research Center in Biomedical Materials (IRCBM)
- 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)

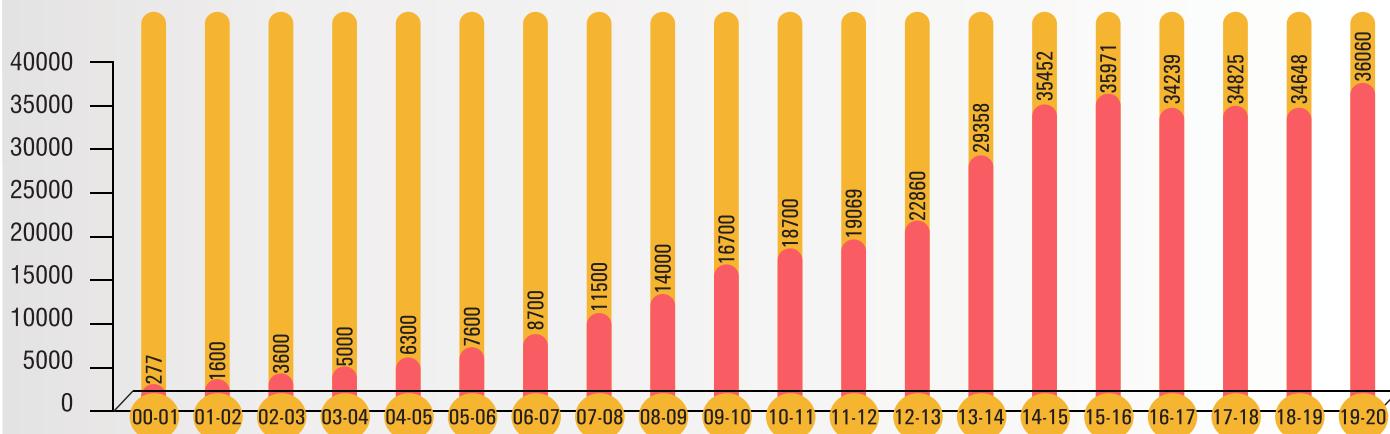
Besides these, there are few other units functioning at different campuses of CUI including Engineering Resource Center (ERC), Center for Research in Management Sciences, Life Sciences Services Center (LiSCENT), COMSATS Community Development Unit (CCDU), Information Technology (IT) Center, CISCO Regional Academy, and Center for Micro and Nano Devices, etc

Research, Innovation & Commercialization

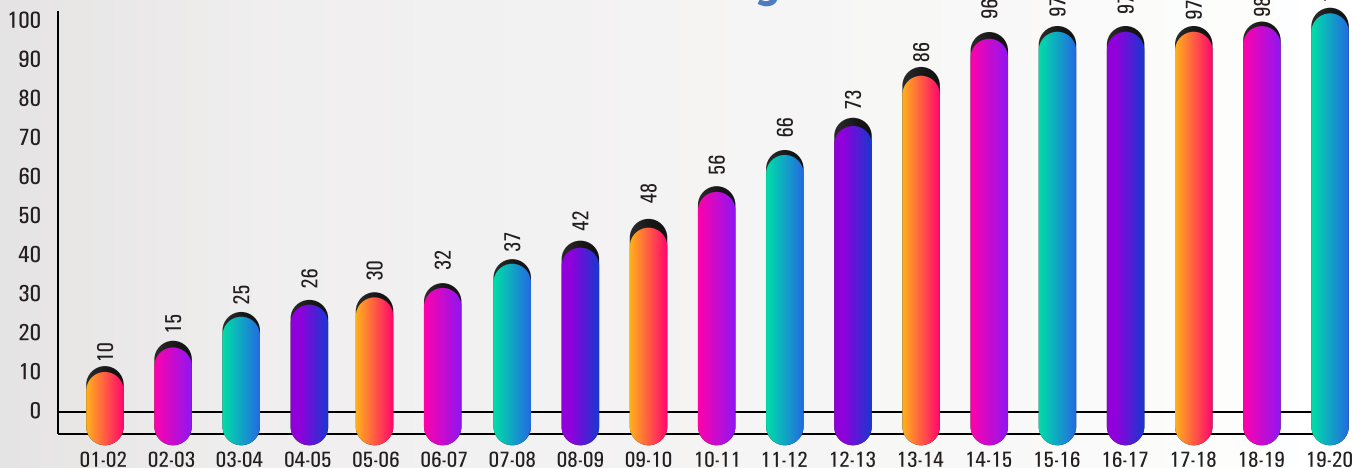
The Research, Innovation and Commercialization activities at CUI are meant to link research activities directly to educational, social and economic priorities of CUI and its broader community and are aimed at creating a knowledge economy of the country. The details of the research activities carried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

The research papers published by CUI faculty from 2005-December 2017 is 9,161 and for the year 2019 is more than 11,000. The majority of papers are ISI indexed. CUI is the only Institute which has crossed a milestone of 2,000 impact factor publications in one year (2017). 2700+ impact factor research publications have been produced by CUI faculty in year 2019. The research activities are not confined to publishing of research papers only but also include books and patents. The books published till date are more than 85 whereas 80 patents are filed for registration, out of which 24 (18 US, 06 Pak) are granted. Besides these, few of the products developed by CUI include Electronic Voting Machine, 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, Smartphone Application Development, etc.

Year-Wise Student Enrollment



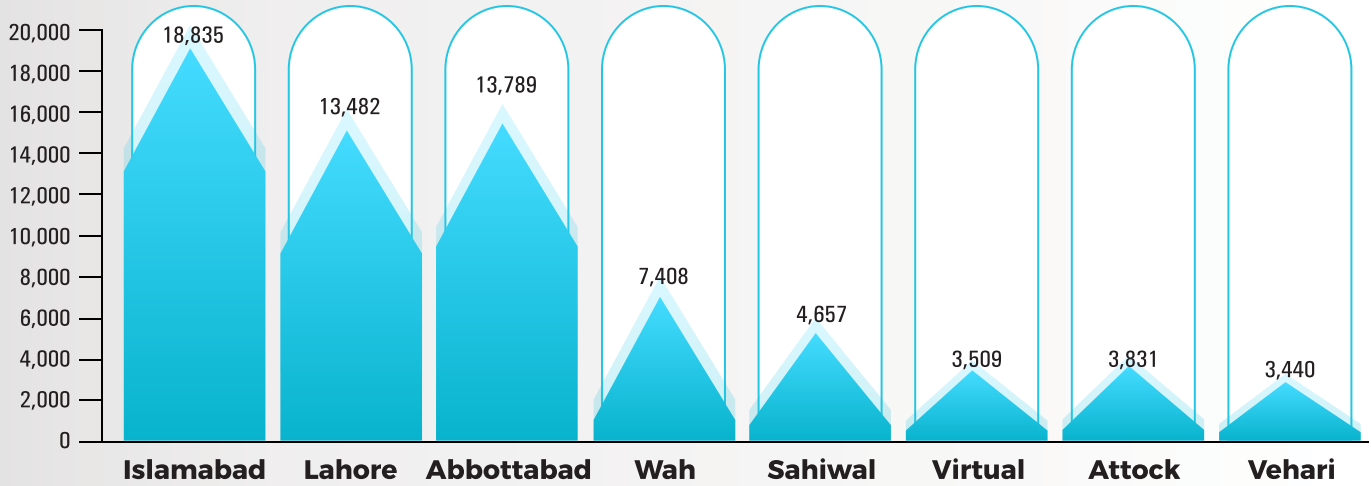
Academic Programs



Male: 70%

Campus-Wise Graduates

Female: 30%



Outreach and Public Service

CUI fully understands and is aware of its social responsibility. It tries to fulfill it whenever needed and whenever possible. The contribution of CUI towards the society is evident through its swift, timely and effective response in case of October 2005 earthquake; the IDPs of Swat in 2009; the flood affected citizens in August 2010, in 2011, and 2014; the poor victims of the devastating hit areas of Jaffarabad in 2012 and for the IDPs of North Waziristan in 2014. CUI also adopted 100 orphans under Pakistan Sweet Home program. In 2014, CUI also organized COMSAST-Lancaster Cricket Championship (CLCC) for the revival of international cricket in the country. Besides above, upon recommendation of CUI, University of Bedfordshire, UK conferred honorary doctorate degree to Mr. Abdus Sattar Edhi in 2010. Over 30,000 trees were planted on 71st Independence Day launching the "Adopt A Tree, a tree for the Future" tree plantation drive. A letter of intent was signed between COMSATS University Islamabad (CUI) and Tobacco Smoke Free Capital Project of Ministry of National Health Services, Regulations and Coordination (NHRSC) on January 17th 2020 as part of a national drive for making universities Smoke Free for declaring CUI as a smoke free campus.

Academic Programs

Presently following graduate degree programs are being offered for 2020 - 2021:

Graduate Programs		Campuses						
		Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
Department of Computer Science:								
1.	MS in Computer Science	🎓	🎓	🎓	🎓	🎓	🎓	
2.	MS in Information Security	🎓						
3.	MS in Software Engineering	🎓						
4.	MS in Cyber Security		🎓					
5.	PhD in Computer Science	🎓	🎓	🎓	🎓			
Department of Health Informatics								
1.	MS in Health Informatics	🎓						
Department of Electrical and Computer Engineering:								
1.	MS in Computer Engineering	🎓						
2.	MS in Electrical Engineering	🎓	🎓	🎓	🎓	🎓		
3.	PhD in Computer Engineering	🎓						
4.	PhD in Electrical Engineering	🎓	🎓	🎓	🎓			
Department of Chemical Engineering:								
1.	MS in Chemical Engineering				🎓			
2.	MS in Energy & Environmental Engineering*				🎓			
3.	PhD in Chemical Engineering				🎓			
Department of Civil Engineering:								
1.	MS in Environmental Engineering		🎓					
2.	MS in Civil Engineering			🎓				
Department of Mechanical Engineering:								
1.	MS in Mechanical Engineering			🎓			🎓	
Department of Management Sciences								
1.	Master of Business Administration		🎓	🎓	🎓	🎓	🎓	🎓
2.	MS in Banking and Finance		🎓	🎓				
3.	MS in Management Sciences	🎓	🎓	🎓	🎓	🎓	🎓	🎓
4.	MS in Project Management	🎓	🎓	🎓	🎓	🎓		
5.	PhD in Management Sciences	🎓	🎓	🎓	🎓			
Department of Economics								
1.	MS in Economics	🎓	🎓		🎓			🎓
Department of Development Studies:								
1.	MS in Development Studies		🎓					
2.	MS in Conflict, Peace and Development Studies		🎓					
3.	PhD in Development Studies		🎓					
Department of Humanities:								
1.	MS in International Relations	🎓						
2.	MS in English (Linguistic and Literature)	🎓			🎓			
Department of Environmental Sciences:								
1.	MS in Biotechnology		🎓					
2.	MS in Environmental Sciences		🎓					🎓
3.	PhD in Biotechnology		🎓					
4.	PhD in Environmental Sciences		🎓					

Graduate Programs		Campuses						
		Islamabad	Abbottabad	Wah	Lahore	Attock	Sahiwal	Vehari
Department of Mathematics:								
1.	MS in Mathematics	🎓	🎓	🎓	🎓	🎓	🎓	🎓
2.	PhD in Mathematics	🎓			🎓			
Department of Chemistry:								
1.	MS in Chemistry	🎓	🎓		🎓			
2.	PhD in Chemistry	🎓	🎓		🎓			
Department of Pharmacy:								
1.	MS in Pharmacy		🎓					
2.	PhD in Pharmacy		🎓					
Department of Biosciences:								
1.	MS in Biochemistry and Molecular Biology	🎓						
2.	MS in Bioinformatics	🎓						
3.	MS in Biosciences	🎓					🎓	
4.	MS in Microbiology and Immunology	🎓						
5.	MS in Molecular Genetics	🎓						
6.	MS in Molecular Virology	🎓						
7.	PhD in Biochemistry and Molecular Biology	🎓						
8.	PhD in Biosciences	🎓						
9.	PhD in Microbiology and Immunology	🎓						
10.	PhD in Molecular Genetics	🎓						
Department of Meteorology:								
1.	MS in Meteorology	🎓						
2.	MS in Remote Sensing & GIS	🎓						
3.	PhD in Meteorology	🎓						
Department of Physics:								
1.	MS in Physics	🎓			🎓			
2.	PhD in Physics	🎓			🎓			
Department of Earth Sciences:								
1	MS in Earth Sciences (Applied Geology/Applied Geophysics)		🎓					
Department of Statistics:								
1.	MS in Statistics				🎓			
2.	PhD in Statistics				🎓			
*admission is based on approval by CUI Statutory bodies only								

Admissions and Academics

At CUI the admissions into the graduate programs are offered on merit. The merit is determined on the basis of the academic record, GRE/NTS-GAT score and interview.

General Eligibility Criteria

Pre-Requisites

MS Programs

- A 16 years 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.

Program Duration

MS Programs

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

PhD Programs

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

Course Work

MS Programs

- An MS scholar will have to complete minimum of 30 credit hours by undertaking 24 credit hours course work from approved Scheme of Studies and 6 credit hours of MS Thesis.

PhD Programs

- A PhD scholar shall have to complete 18 credit hours of graduate level course work from approved Scheme of Studies and 9 credit hours of PhD Thesis.
- The registration of PhD Thesis of 09 credit hours shall be allowed after the completion of coursework for PhD degree.
- If the scheme of courses completed by candidates for their last degree in the relevant field does not provide adequate background for the PhD program into which they are seeking admissions, they may be required to rectify the 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 discrimination of any kind and with equal opportunities for all; hence 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.

- 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.
- 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 (GAT General/ Subject) 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 as well as in the admission advertisements. All admissions shall be regulated on the basis of merit determined by the weightage criteria as mentioned below:

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

*The passing marks will be 60%. However, those failed in interview will not be offered admission at CUI.

3) Interview and Preliminary Selection

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

The candidates are required to appear before the Departmental Graduate Admission Committee for interview and preliminary selection as per specified schedule. The applicants are asked to bring 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 the provisional admissions. The final merit list is displayed on the departmental notice boards as well as on CUI website and selected applicants shall be issued "Provisional Admission Offer Letter" along with a Bank Challan Form for payment of dues.

5) 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, all the desired documents have been submitted by the student, verified by concerned Campus that candidate has been found eligible for admission

and approved by BASAR. 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.

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, Qarz-e-Hasna etc. The Institute 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, include need based financial assistance, and academic excellence programs. Campus scholarship offices may be reached for more details.

International Students

International students are the central point of focus of CUI's internationalization policy and it welcomes international students from across the world. 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 (subject to availability).

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.

International students are welcome for enrolment in different graduate and

undergraduate degree programs in CUI system. Currently, CUI is hosting more than 500 international students from 24 different countries such as Afghanistan, Benin, Kenya, Sri Lanka, China, Canada, Ethiopia, Egypt, Gambia, Ghana, Iraq, Iran, Jordan, Nigeria, Somalia, 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 Bio-sciences in different CUI campuses.

For Admission and application procedure please visit www.comsats.edu.pk and select International Students tab or

<http://www3.comsats.edu.pk/internationalstudents/>

- **Eligibility Criteria for Degree Programs:** The degree programs eligibility criteria for international students is as follows:
- **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 possess marks more than 70% secured 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% in annual system with no third division (annual system) or grade 'D' (semester system) during their academic career.
- **Application Procedure:** Students may apply online at International Students web portal

<http://www3.comsats.edu.pk/internationalstudents/>

☀ **Documents Required:**

- ☀ Completed admission application form
- ☀ Statement of Purpose or Research Plan
- ☀ Scans of degrees and transcripts of all post-secondary degrees (with English translation where required)
- ☀ Latest passport size 2 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 traveling 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 neighboring 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 an 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://ww3.comsats.edu.pk/internationalstudents/>

- * **Accommodation:** Accommodation would be provided by CUI to international students in some campuses (if available). This will provide an opportunity to interact, live and study with students from different backgrounds and many of whom will become friends for life. CUI offers conducive living and studying environment for the students. (Accommodation is subject to availability of space).
- * **Orientation and Registration:** Orientation is your chance to learn about the University, ask questions, register your courses, get to know your fellow classmates, meet with an academic advisor/faculty member and begin your adventure as a new student. A formal orientation program is designed to welcome and introduce International students to CUI and to help them adjust to life at CUI before the official start date of classes. There will be social events where students will have the opportunity to make new friends, meet CUI faculty & staff. It is essential for all new international students to attend the orientation, as they will need to register with the CUI Medical Centre and fulfil other requirements as well.
- * **Scholarships Opportunities:** In order to attract international students and to provide opportunities to get quality higher education, CUI offer partial scholarships for graduate programs to nominees of various foreign governments i.e. Governments of Afghanistan, Azerbaijan, Bhutan, Belarus, Gambia, Mauritius, Madagascar / Seychelles, Maldives, Myanmar, Nepal, Senegal, Sri Lanka and Kenya and organizations i.e. Organization of Islamic Conference (OIC), COMSATS Headquarters, Islamic Educational Scientific & Cultural Organization (ISESCO), African-Asian Rural Development Organization (AARDO) at CUI Pakistan. Further, Association of Commonwealth Countries (ACU) allocated number of scholarships tenable at CUI

Pakistan to the students of ACU member countries. CUI also offers postgraduate and postdoctoral fellowships each year in association with TWAS (The World Academy of Sciences).

Programs 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 10 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
- * 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

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 Energy Management
- Master of Science in Banking and Finance
- Master of Science in Economics
- Doctor of Philosophy in Management Sciences

Department of Economics

- Master of Science 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)

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 Information Security
- Master of Science in Cyber Security
- Doctor of Philosophy in Computer Science

Faculty of Engineering

Department of Electrical 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

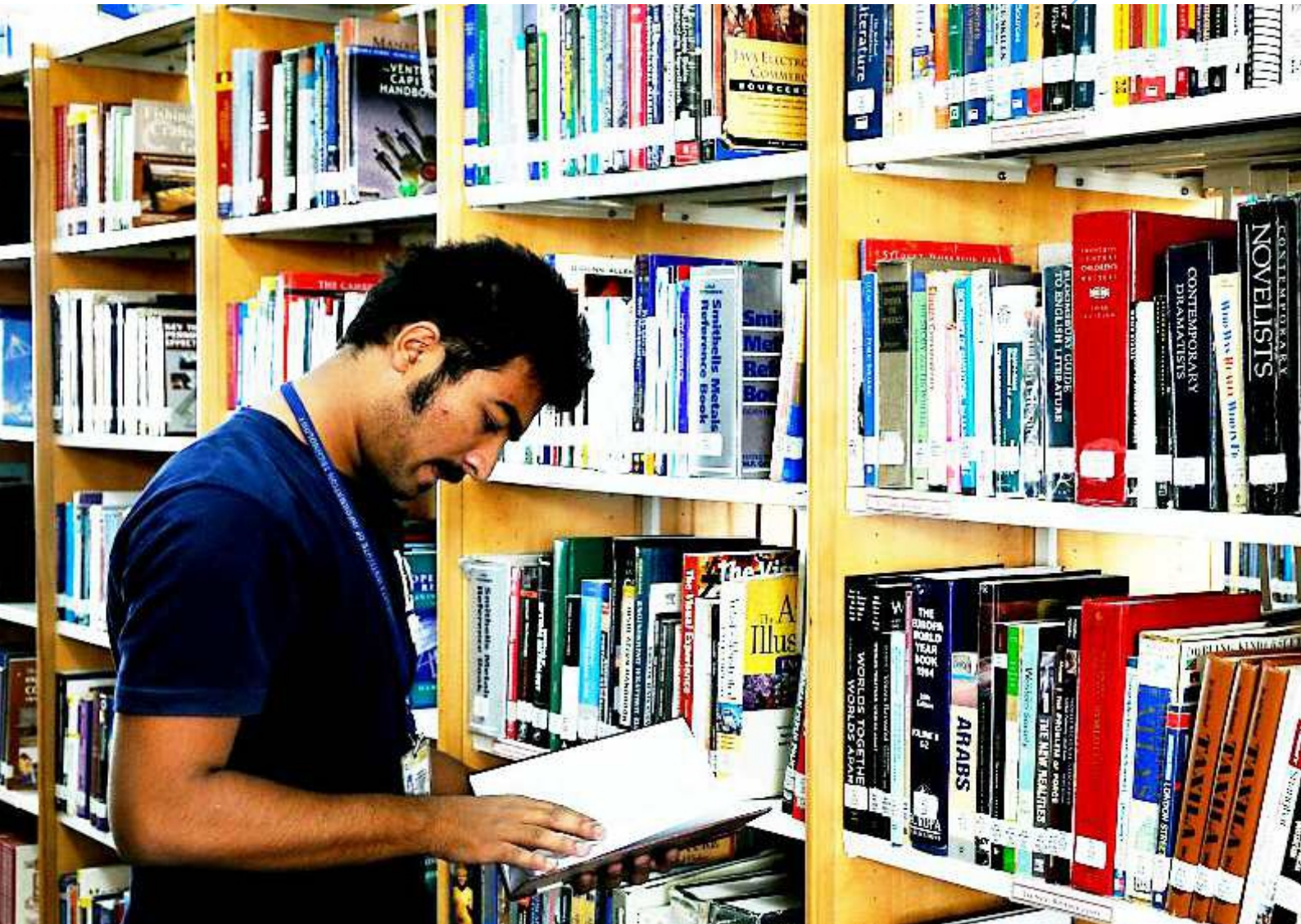
- Master of Science in Mechanical Engineering

*admission is based on approval by CUI Statutory bodies only

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 Health Informatics
3. Master of Science in Environmental Engineering
4. Master of Science in Civil Engineering
5. Master of Science in Mathematics



Their eligibility criteria are as follows:

Faculty of Science

Department of Physics

Program Criteria	Master of Science in Physics
Entry Requirements:	16 years 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

Faculty of Information Science and Technology
Department of Health Informatics

Program Criteria	Master of Science in Health Informatics
Entry Requirements:	A 16 years degree in relevant field in Biotechnology/Biochemistry/Molecular Biology/Biosciences /Bioinformatics/Pharm D, BS Nursing, Biology, Physics, Chemistry, Computer Science, Material Science, Pharmacy, Applied Biosciences (Industrial Biotechnology/Plant Biotechnology/Healthcare Biotechnology) with minimum first division (annual system) or CGPA 2.5/4.0 (semester system) or MBBS, BDS with minimum of 50% marks from an accredited educational institution
	No third division (annual system) or D grade (semester system) throughout the academic career
	GAT(General) with minimum 50% marks
Offering Campus(es)	Islamabad



Faculty of Engineering

Department of Civil Engineering

Program Criteria	Master of Science in Environmental Engineering	Master of Science in Civil Engineering
Entry Requirements:	A 16 years 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 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:

- The approved Scheme of Studies of all graduate programs is available in the Registrar Office of the respective campus, and also on the link <http://cuonline.comsats.edu.pk/publicaccess>
- The approved Rules and Regulations governing graduate programs can be obtained from the Registrar Office of respective campus.
- All other regulations approved and issued from time to time regarding graduate degree programs shall be applicable.

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- ✿ Ranked among 401-500 THE Computer Science & Life Sciences subject ranking 2019
- ✿ Ranked among 501-600 THE Physical Sciences subject ranking 2019
- ✿ Ranked 159 in THE Emerging Economies Rankings 2020
- ✿ Ranked 149 in THE Asia University Rankings 2020
- ✿ Ranked 801-1000 in QS World Universities Rankings 2020 and 135th in Asian Universities 2019.
- ✿ Ranked first in Pakistan and amongst 501-600 ranked university of the world by Academic Ranking of World Universities - Shanghai Rankings 2019
- ✿ 7th FPCCI Achievement Award 2019 in the category of Education, Technical and Vocational Education, as recognition of CUI's efforts and achievements in Business Incubation Centers for SMEs
- ✿ Recipient of Cambridge IFA's Two Global Good Governance Awards i.e. 3G Award for Research Excellence 2018 and 3G Excellence in Higher Education Award 2019
- ✿ 15 National Civil awards have been awarded to its faculty/officers



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