



**(QUAID-I-AZAM UNIVERSITY, ISLAMABAD)**  
**HEC RANKED NO.1 PAKISTANI UNIVERSITY (2007-2016)**  
**ADMISSION NOTICE FOR PH.D PROGRAMME**  
**FALL SEMESTER-2018**

**Applications from Pakistani/Foreign Nationals are invited for admission to Ph.D. Programme of the University in the following disciplines latest by 10.09.2018:**

**1. FACULTY OF BIOLOGICAL SCIENCES**

S.#	Discipline	Area of Study	Eligibility Requirement
1.	Biotechnology	(1) Medical Genetics (2) Medicinal Plants and Bioprocess Technology (3) Molecular Virology (4) Nano biotechnology	MPhil or equivalent in any field of Biological Sciences from HEC recognized university.
2.	Environmental Sciences	(1) Environmental Biology, Ecotoxicology, Environmental Health (2) Environmental Geochemistry, Hydrology, Environmental Geology, (3) Environmental Biotechnology, Molecular Plant Biology. (4) Environmental Remediation, Environmental Microbiology and Biodegradation. (5) Chemical Stress Ecology, Environmental Risk Analysis, Aquatic-Ecotoxicology. (6) Clean Energy Production Technologies, Environmental Nanotechnology, Wastewater Treatment. (7) Environmental Waste Management, Reuse and Recycling of Waste Materials, Remediation and Revitalization of abandoned Soils.	MPhil or equivalent in any field of Biological/ Chemical/Environmental Sciences from HEC recognized university.
3.	Pharmacy	(1) Pharmaceutics (2) Pharmacy Practice, (3) Pharmacognosy (4) Pharmaceutical Chemistry (5) Pharmacology.	MPhil in relevant subject with basic degree in Pharmacy from HEC recognized university.

**2. FACULTY OF NATURAL SCIENCES**

S.#	Discipline	Area of Study	Eligibility Requirement
1.	Chemistry	<b>Inorganic/ Analytical Chemistry:</b> Organometallic Chemistry, Coordination Chemistry, Organic/ Inorganic Materials, Bio-inorganic Chemistry, Polymer Chemistry, Atmospheric Chemistry. <b>Organic Chemistry:</b> Organic Synthesis, Natural Products, Reaction Mechanism, Heterocyclic Compounds, Photochemistry, Organic Polymers. <b>Physical Chemistry:</b> Material Sciences, Surface and Solid State Chemistry, Molecular Spectroscopy, (Radiation Chemistry, Electro-Chemistry), Chemical Kinetics, Polymer Chemistry, Solution Chemistry, Nano Technology, Colloids and Surfactants.	MPhil or equivalent in the relevant field of Chemistry from HEC recognized university.
2.	Earth Sciences	Geophysics, Geology and Earthquake Seismology	MPhil or equivalent in the related field of Geophysics/Geology/Earthquake Seismology from HEC recognized university.
3.	Computer Science	Human Information Interaction, Knowledge Engineering, Networking and Communication.	MPhil in Computer Science or computing related discipline or MS (18 years) in Computer Science or computing related discipline from HEC recognized university.
4.	Electronics	Wave Propagation and Scattering, Complex Media, High Frequency Electromagnetics, Metamaterials, Information Theory, Communications and Signal Processing, Coding Theory, Image Processing, Embedded System, Microelectronics.	MPhil/MS or equivalent in Electronics/ Physics/Information Technology/ Mathematics/ Computer Science/ Electrical Engineering/ Telecommunication Engineering/ Computer Engineering from HEC recognized university.

5.	Physics	Atomic and Molecular Physics, Semiconductor Physics, Plasma Physics, Magnetism and Nanomaterials, High-Tc Super Conductivity, Laser Physics, High Energy Physics and Cosmology, Particle Physics, Nuclear Physics, Condensed Matter Physics, Quantum Optics/Quantum, Information Theory, Computational Physics.	MPhil or equivalent in Physics from HEC recognized university.
6.	Statistics	Survey Sampling, Mathematical Statistics, Linear Models, Applied Statistics, Geo-statistics, Operation Research.	MPhil or equivalent in Statistics from HEC recognized university.

### 3. FACULTY OF SOCIAL SCIENCES

S.#	Discipline	Area of Study	Eligibility Requirement
1.	Anthropology	Cultural Change and Development, Ethnographic Studies, Cultural Diversity and Integration.	MPhil or equivalent in Anthropology, Sociology & Development Studies, Behavioural Sciences and Social Sciences from HEC recognized university.
2.	Defence & Strategic Studies	International Security, South Asia, Global Political Economy, Arms Control and Proliferation Issues.	MPhil in DSS/IR/South Asian Studies/Piece & Conflict Studies, Journalism or equivalent from HEC recognized university.
3.	History	South Asia, Pakistan Movement, Pakistan and Central Asia, Islamic History, History of Afghanistan.	MPhil or equivalent degree in History, Pakistan Studies, Political Science, International Relations, Sociology and (other relevant subjects of Social Sciences from HEC recognized university).
4.	Pakistan Studies	Pakistan Studies (All topics in Social Sciences relating to Pakistan).	MPhil or equivalent degree in any field of Social Sciences from HEC recognized university.
5.	Psychology	a) Educational/School Psychology; b) Industrial/Organizational Psychology; c) Developmental/Psychopathology/Mental Health d) Children/Women Issues e) Social Psychology	MPhil or equivalent degree in Psychology/ Behavioral Sciences from HEC recognized university.

### ADMISSION REQUIREMENTS

- The minimum CGPA for admission is 3.0 (Semester System) or First Division (Annual System) in MPhil/MS/equivalent degree from HEC recognized university.
- A Govt. College/Public Sector University teacher or member of the research staff of a Govt. Research Organization who has shown undoubted promise for research and holds MA/MSc degree may be recommended by the Admission Committee for admission directly to PhD programme. However, the students must complete the course work required for MPhil/MS programme.
- No Objection Certificate from the organization/employer is required to be attached with Admission Data Summary Sheet and be routed through Proper Channel in case of in-service applicants.
- Students applying for admission are required to submit a copy of synopsis/research work. Admission will be given subject to the availability of the Supervisor in the field of research strictly according to HEC's requirements.

### COURSE WORK:

- Those admitted shall have to complete/pass 18 credit hours course-work within four semesters as per university rules.
- Those admitted in PhD programme and not passed MPhil/MS/equivalent shall have to complete/pass 42 credit hours courses (24+18) within six semesters as per university rules.
- Admission to PhD programme is made on a competitive basis. The minimum period for completion of PhD Programme is three years whereas maximum period is seven years.

### How To Apply

- The Admission Data Summary Sheet can be downloaded from the QAU website, along with a Challan of the Habib Bank Ltd. OR Askari Bank Ltd. Amounting to Rs.2000/-.
- The applicants are advised to deposit the same in the Habib Bank Ltd. OR Askari Bank Ltd. In favour of the Treasurer, Quaid-i-Azam University, and Islamabad (throughout the country with bank charges, non-refundable).
- The Bank Challan should be attached with the downloaded Admission Data Summary Sheet along with other requisite documents; otherwise the incomplete and late applications shall not be entertained.
- Admission Forms are not available at QAU Campus.

One copy of the downloaded Admission Data Summary Sheet duly filled in and supported by the attested copies of educational testimonials i.e. Certificates and Degrees must be submitted directly to the Chairperson/ Director of Department/Institute/School/Centre by hand/courier **10.09.2018** positively;

**For further details, please visit QAU website ([www.qau.edu.pk](http://www.qau.edu.pk))**

### **Subject Test/Interview**

1. The admission to PhD programme shall be made on the basis of cumulative merit to be determined from previous academic record, University written subject test and interview.
2. Only the test pass applicants will appear before the interview /presentation of research proposals as per schedule of the Department/ Institute/ School/ Centre (DISC) concerned.
3. The lists of the pass applicants shall be displayed on the notice boards of the relevant Department/ Institute/ School/ Centre (DISC).
4. Applicants appearing in the Entry Test must bring original CNIC for identification.
5. If a test date is declared as holiday or for any reason, the test will be conducted on the next working day.
6. All applicants of PhD Physics are also required to appear in the written test as per schedule given below in the Department of Physics; however the candidates having a score in GRE (Physics) > 45% percentile would be exempted from Department test in Physics.
7. Applicants seeking admission in the following subjects are required to appear in the Entry Test on the date, time and venue mentioned below: -

<b>S.#</b>	<b>DISCIPLINES</b>	<b>DATE</b>	<b>DAY</b>	<b>TIME</b>	<b>VENUE AT QAU</b>
1.	Electronics	17-09-2018	Monday	09:30 AM	Department of Electronics
2.	Environmental Sciences	18-09-2018	Tuesday	09:30 AM	Department of Environmental Sciences
3.	Physics	18-09-2018	Tuesday	09:30 AM	Department of Physics
4.	Anthropology	18-09-2018	Tuesday	10:00 AM	Department Anthropology
5.	Statistics	18-09-2018	Tuesday	10:00 AM	Department of Statistics
6.	Pakistan Studies	19-09-2018	Wednesday	10:00 AM	National Institute of Pakistan Studies (NIPS)
7.	D.S.S.	19-09-2018	Wednesday	11:30 AM	Department of D.S.S.
8.	Psychology	20-09-2018	Thursday	09:30 AM	National Institute of Psychology (NIP)
9.	Chemistry	20-09-2018	Thursday	09:30 AM	Department of Chemistry
10.	Pharmacy	20-09-2018	Thursday	10:00 AM	Department of Pharmacy
11.	Biotechnology	20-09-2018	Thursday	10:00 AM	Department of Biotechnology
12.	Computer Science	20-09-2018	Thursday	10:00 AM	Department of Computer Science
13.	History	20-09-2018	Thursday	11:30 AM	Department of History
14.	Earth Sciences	20-09-2018	Thursday	11:30 AM	Department of Earth Sciences

**PROF.DR. IMTIAZ-UD-DIN**  
**REGISTRAR**