



AIOU

Admission Autumn 2025

PROSPECTUS

- MBA
- MS / M.Phil
- P.hD



Allama Iqbal Open University, Islamabad

www.aiou.edu.pk

Help Line: (051) 111-112-468

PROSPECTUS
OF
PhD / MS / MPhil & MBA Programs
FOR
SEMESTER: AUTUMN, 2025



Directorate of Advance Studies & Research
Allama Iqbal Open University
Islamabad

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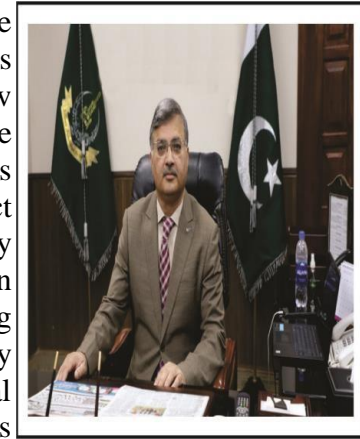
Message

THE WORTHY Vice-Chancellor

Dear Student,

السلام عليكم

Welcome to Allama Iqbal Open University (AIOU) is one of the mega universities of the world and it occupies a unique position in the education sector of Pakistan, because of its affordability and high quality distance and online academic programs. AIOU has now turned into the most favorite university of the country with high international repute. The university made a landmark progress by ensuring access to quality education for rural areas under-privileged students and the people of all ages particularly the females can now select and join the programs of their choice, while sitting at their residence and simultaneously with continuing their jobs. After assessing the success of many degree programs in Pakistan, AIOU is now going to offer a variety of range programs for the students residing worldwide. More than 1.3 million students are getting benefits from the high quality educational services of AIOU in all regions of the country through more than fifty regional offices of the university. It offers-suggests many undergraduate and postgraduate programs at rural and remote areas providing an unparalleled opportunity to all the poor and deprived segments of the society at an affordable cost. The university has recently digitalized all its student-support services for facilitating its students on priority basis. This digitization of the system, it is hoped, will enable AIOU students to get all discipline of educational programs using their Learning Management system (LMS) portal support online.



I welcome you to the postgraduate studies at AIOU and wish you a challenging yet successful journey ahead.

Prof Dr Nasir Mahmood
Vice Chancellor AIOU



ALLAMA IQBAL OPEN UNIVERSITY

Allama Iqbal Open University, a mega university, was established in 1974 under an Act of Parliament. The main campus of the university is situated in sector H-8, Islamabad. It was the second Open University in the world and the first of its kind in Asia and Africa. The aim of establishing AIOU was to provide affordable and accessible education through distance learning at the doorsteps to those people who could not continue their educational journey through formal system of education. The University (AIOU) operates on semester-based system and admits students in Spring and Autumn semesters. Under-graduate admissions are offered in both the semesters whereas postgraduates are offered once a year. The undergraduate students are given course books especially prepared by the university on self-instructional principles. However, at post graduate level students are encouraged for self-study; therefore, no textbooks are provided.

At present, the AIOU is offering programs from Matric to Ph.D. level in diverse disciplines from four faculties. The AIOU is also offering four years under-graduate degrees in various disciplines.

Apart from curricular and extra-curricular activities during the academic year, the AIOU and its Regional Centers actively participate in the co-curricular activities by arranging educational and literary seminars, workshops, and conferences, attended not only by the students and faculties of the university, but also by the renowned dignitaries and scholars. For the science students and research scholars, a Science Complex has been built where they use the latest equipment of international standards for experiments and research. To meet the present-day challenges, internet facilities are also available in the student's hostel and the Central Library where computers have been provided to enable students to access the latest information available through open source databases.



Times Higher Education
Impact Rankings 2025

Allama Iqbal Open University

Recognized among top institutions in
THE Impact Rankings 2025

Ranked
Top
Public sector
university in
Pakistan

Overall
ranked
201-300
Globally

17 PARTNERSHIPS
FOR THE GOALS



Ranked
1st
in Pakistan
101-200th
Globally

10 REDUCED
INEQUALITIES



Ranked
1st
in Pakistan
301-400th
Globally

8 DECENT WORK AND
ECONOMIC GROWTH



Ranked
1st
in Pakistan
201-300th
Globally

4 QUALITY
EDUCATION



Ranked
2nd
in Pakistan
14th
Globally

1 NO
POVERTY



Ranked
3rd
in Pakistan
86th
Globally





Times Higher Education
Impact Rankings 2024

AIOU RANKED

#3 OVERALL IN PAKISTAN

#1	SDG 4		Quality education
#1	SDG 8		Decent work and economic growth
#3	SDG 10		REDUCED INEQUALITIES
#3	SDG 17		Partnerships for the goals

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We Made it

THE WORLD
UNIVERSITY
RANKINGS
TIMES HIGHER EDUCATION



SDG 4 - Quality Education

2022

Ranked 20th in
Pakistan

Ranked 401 - 600
Globally

2023

Ranked 1st in
Pakistan

Ranked 25th
Globally

AIOU AT A GLANCE

Current Enrollment
1,027,000



Faculties
04



Academic Departments
37



Regional Offices
54



SCHOLARSHIPS AND FINANCIAL AIDS

❖ **Financial Support Scheme (SSF-101)**

This scheme is formulated to provide financial assistance to the deserving, needy and talented students.

❖ **Earn to Learn Scheme (SSF-102)**

AIOU provides opportunities to the deserving students to earn and learn. This scheme is to encourage and assist the students in the pursuit of higher studies.

❖ **Merit Scholarship Scheme (SSF-103)**

This scheme is an initiative to generate competition among brilliant students of AIOU. The scholarship is offered to the students of all levels/ programs scoring 80% and above marks in their latest results in AIOU.

❖ **Final Year Project Grant Scheme (SSF-105)**

This scheme is designed with the focus of motivating researchers and promotion of market-oriented research by providing financial grants. This grant will be available to BS, BSc (Hons), M.Phil, MS & Ph.D scholars.

❖ **Scholarship for Communities Scheme (SSF-106)**

The financial assistance, through this scheme is available to the following communities:

- Differently Abled Students
- Orphans
- Gender Diverse Individuals
- Offspring of Martyrs
- Inmates/ Prisoners

❖ **Free Education (Matric) Plan for FATA/ Baluchistan & Gilgit/ Baltistan**

The Allama Iqbal Open University has initiated opportunities to support the deprived communities residing in FATA/Baluchistan and Gilgit-Baltistan.

AIOU is offering this facility without any discrimination based on caste and creed.

The SOP's/ TOR's, eligibility criteria of aforementioned financial schemes are available at AIOU website.

STUDENTS SUPPORT SERVICES

Student Facilitation Center (SFC)

The Student Facilitation Center (SFC) was established on October 17, 2022, with the aim to help the student/visitors by providing them solutions under one roof. The Center provides services linked with Student Advisory, LMS/Tutor/Workshop, Admissions & Mailing.

AIOU Call Center

The AIOU Call Center/ Helpline (051-111-112-468) was primarily established in 2011, while the purpose-built dedicated center was established in September 2022, for the provision of information/guidance to the callers.



**MINIMUM AND MAXIMUM TIME DURATION/SEMESTERS
FOR THE COMPLETION OF FACE TO FACE PROGRAMME
(From Spring 2021 Semester)**

Sr. #	Degree Level	Minimum Duration	Maximum Duration
1.	PhD	3 Years / 5 Semesters	8 Years*
2.	MS/MPhil/MSc (Hons)/MBA/COL MBA	2 Years / 4 Semesters	4 Years**

& As per AIOU & HEC rules.*

The policy of Re-Appear and Again Re-Appear is being dis-continued and the concerned students will have to re-register/enroll or re-admit in the failed course(s).

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How to Apply Online

- Go to <https://fmbp.aiou.edu.pk/application/index.php>
- Register here through your Cell No. or Email id and Login
- Fill the Admission Form and Submit
- Print Fee Voucher and deposited the fee.
- For further information and query please visit website at:
<http://support.aiou.edu.pk/> or contact at: 051-9572396

Admission Procedure and Requirements for MPhil Programs

The admission of MPhil and Ph.D. shall be announced by Director BASR as per admission calendar of AIOU. Announcement for admission will be made in the leading newspapers of the country.

1. The minimum entry requirements for admission to **MS/MPhil/ or equivalent** programs shall be minimum of 16 years of schooling or 4 years of education in the **relevant subject** after Higher Secondary School Certificate with at least second division or equivalent CGPA/GPA (minimum with 120 credit hours from HEC recognized institution).
2. An eligible candidate shall apply for admission through online portal (<https://aiou.edu.pk/oas-fresh-admission>).
 - Register here through your Cell No. or Email and Login
 - Fill in the Admission Form completely and submit.
 - Print Fee Voucher and deposited the fee in the designated banks or through Jazz Cash, Easy Paisa and Upaisa Mobile App/USSD String *786#, Retailer Agent, Franchise and Branches of Mobilink, Telenor and Ubank.
3. **Admission Test:**
 - a) University is required to:
 - i. Conduct a rigorous admission test as an

eligibility condition for admission to MS/MPhil/Equivalent programs, with a passing score of 50%

OR

- ii. Accept the GRE/HAT General/Equivalent tests, with a passing score of 50%.
4. The criteria for admission and weightage of its components for **MS/MPhil/MSc (Hons)** e.g., **GAT/HAT General (NTS)**, academic qualifications, research/ professional experience, publications, written subject test and interview shall be as follows:

i.	Academic Qualification + Research + Experience	30+5+5=40
ii.	Written Test (at per HEC/AIOU Policy)	40
iii.	Interview	20
	Total	100

6. Admission to **MPhil** shall be processed and finalized by the Departmental Admission Committee (DAC) duly approved by the Vice-Chancellor.
7. Admission to MPhil programs will be granted against available seats strictly based on merit/written test/interview as approved by the University. The University reserves the right not to start MPhil programs if a viable group of students is not enrolled.
8. Concerned Department will inform the selected candidate about their admission in respective program after fulfilling prescribed procedure.

9. A candidate will become a student of **the MPhil** program upon depositing the prescribed semester-based fee for the 1st semester of course work for each program. In case of failure to deposit the fee within the specified period, the admission shall automatically stand cancelled after the due date.
10. The Department will consider the next candidate in order of merit for admission in case the selected candidate does not deposit the prescribed fee within the stipulated time. No appeal shall be considered once alternate candidates offer admission.
11. A Student admitted to **MPhil** programs and a specialization thereof, whichever applicable, shall not be allowed to change his/ her program or specialization. The candidate shall have to apply for fresh admission to another program or specialization after discontinuation of the earlier program/specialization as and when next admission is announced.
12. A candidate seeking admission to **MPhil** program shall be admitted to the relevant program of minimum 24 credit hours course work as per requirement of HEC and 12 credit hours research thesis.
13. Fee can neither be refunded nor be adjusted for future admission after finalization of admission and commencement of classes.
14. The Candidates having GRE HAT (General) conducted by ETS with minimum of 50 percentile score or an equivalent as per HEC policy be considered for admission in MS/MPhil/Equivalent programs and shall not have to appear in the departmental admission test conducted by the university.

How to Pay the Fee?

The admission in MPhil programs is purely on merit basis. No fee is to be paid unless intimated by concerned department of the university. The fee is to be deposited through Fee Voucher (CMS generated) Form only in the specified branches of Banks in Main campus of AIOU Islamabad within stipulated time.

Duration, Credit Requirements, Research Project and Medium of Instructions for MS/MPhil and equivalent programs:

1. The **minimum duration** of **MS/MPhil** program shall be 4 semesters (Two years) and maximum duration shall be 08 semesters (Four years).
 - a) The minimum period of the 24 credit hours course work for **MS/MPhil/ or equivalent** shall be two semesters (one year) and minimum period to complete 12 credit hours research thesis shall be two semesters (One year) after approval of the synopsis by concerned committee.
 - b) The minimum period to complete the research project shall be one semester.
2. The language of instruction, examination and thesis for all disciplines will be according to the approved scheme of studies of each department.

Components of Course Instructions

1. The instructional modes shall include student and tutor face to face contact for approved prescribed period, teaching, video conferencing, e-mail, internet, telephone coaching on prescribed schedules, broadcast, and non-broadcast audio visual programs etc.

2. The minimum number of compulsory faces to face teaching hours shall be 48 hours for each course (3 credit hrs.)
3. The duration of synopsis orientation workshop shall be compulsory of two weeks in the beginning of 3rd semester.

Course Work Evaluation:

1. The evaluation of 24 credit hours course work of MPhil shall be conducted by the Controller of Examinations as per prevailing practice of the university.
2. The distribution of continuous assessment and final examination of each 3-credit hour course work shall be as follows:

i) Continuous Assessment & Mid Term	50% (20+30)
ii) Final Examinations	50%
Total	100%
3. Pass percentage in aggregate shall be 50%.
If a student cannot pass in continuous assessment/ assignments or fail to maintain the minimum mandatory class attendance of 70% in a course, he/she will be declared as fail.

Thesis Requirements

1. After completion of twenty-four credit hours of course work, a student will embark upon research of 12 credit hours for two semesters. After the receipt of admission list of third semester, the department will hold two-weeks Synopsis Orientation Workshop (SOW). Only those students will be eligible to attend the synopsis orientation workshop who qualified/passed at least 12 credit hours course work including Research methods/statistics. However, he/she will be allowed to submit the thesis only after passing all the courses.

2. The purpose of this workshop is to guide the MPhil scholars in finalizing their Synopsis/Research topics. Participation in the SOW will be mandatory. Research scholars are supposed to develop and present their synopsis before the Research Proposal Committee (RPC). Finally, the recommended topic of synopsis/research by RPC will be forwarded to the competent authority for approval as per MPhil rules and regulations of AIOU, Islamabad.

Travelling & Boarding / Lodging Expenses

The AIOU does not have lodging and boarding facilities now except at the main campus Islamabad. If required, students will have to arrange lodging and transport by themselves. AIOU will not bear any cost in this regard. The fee does not include charges for boarding lodging and transport. Hence the University does not have any liability in this regard.

Hostel Facilities

The students coming from other cities can avail the hostel facility at reasonable rates (other than fee) subject to availability.

Financial Assistance

Limited financial assistance is available to deserving students who shall apply on the prescribed AIOU forms supported with justifiable documentary proofs available after admission during the 1st semester. Financial assistance will be considered from the 2nd semester.

Admission Procedure and Requirements for Ph.D. Programs

1. The Ph.D. program shall be announced by the Director DASR as per admission calendar of AIOU. Announcement for admission will be made in the leading newspapers of the country.
2. **The minimum entry requirement for admission to Ph.D. program shall be MS/MPhil or equivalent degree** with CGPA 3.0 out of 4.0 in semester system or 1st division in the Annual system with (60% marks).
3. If the CGPA/Percentage is not mentioned on the transcript, the candidate must produce equivalent weightage from the parent university.
4. Admission will be awarded strictly on merit, based on the approved criteria (as per HEC/AIOU rules).
5. In-service candidates shall be required to submit their departmental No Objection Certificate (NOC) along with their admission application.
6. **Admission Test:**
 - a) University is required to:
 - i. Conduct the test equivalent to GRE/HAT General developed at the University, with the passing score of 60% **OR**
 - ii. Accept a test equivalent to GRE/HAT General, conducted by testing bodies accredited by HEC, with a passing score of 60%.

7. The university committee for the test at par with GRE (general) consists of at least 3 Ph.D. Faculty members in the subject area will conduct the test with intimation to QA Division HEC within one month of its constitution and the qualifying score for this will be 60%.
8. The criteria for admission and weightage of its components e.g., academic qualifications, research professional experience, publications, interview shall be as follows:

i.	Academic Qualification + Research + Experience	40+5+5=50
ii.	Written Test (at per HEC/AIOU Policy)	30
iii.	Interview	20
	Total	100

Statement of Purpose

As part of the application for admission to PhD programs, applicants shall be required to submit a statement of purpose, which shall form an integral part of the application. The admissions committee shall use the information provided to ascertain the preparedness and interest of the candidate in pursuing doctoral studies, and whether the department has the requisite resources to train and supervise the doctoral candidate in the subspecialty in which the applicant is interested. A statement of purpose shall, at least, include the following:

- i. Title of the potential research proposal.

- ii. Clear articulation of the current understanding of the intended field and ideas for potential research.
- iii. Explanation of the intended impact of the proposed research.
- iv. The prospective candidates shall demonstrate passion and enthusiasm for the area of research.

How to Apply for Admission?

- I. An eligible candidate shall apply for admission through online portal (<https://aiou.edu.pk/oas-fresh-admission>).
 - Register here through your Cell No. or Email and Login
 - Fill in the Admission Form completely and submit.
 - Print Fee Voucher and deposited the prescribed fee in the designated banks or through Jazz Cash, Easy Paisa and Upaisa Mobile App/USSD String *786#, Retailer Agent, Franchise and Branches of Mobilink, Telenor and Ubank.
- II. Admission to a Ph.D. will be offered against available seats strictly on the basis of merit and as per criteria laid down by the concerned Department. The University reserves the right not to start Ph.D. programs if a viable group of students is not enrolled.
- III. A candidate will become a student of **PhD** program upon depositing the prescribed semester-based fee for the 1st semester of course work. In case of failure to deposit the fee within the specified period, the admission shall automatically stand cancelled

after the due date.

- IV. A student admitted to **Ph.D.** programs and a specialization thereof, whichever applicable, shall not be allowed to change his/ her program or specialization. The student shall have to apply for a fresh for admission to another program or specialization after discontinuation of the earlier program/specialization as and when next admission is announced.

Important Notice: (About Written Test):

- (a) Admission Test shall be conducted as per schedule announced in Newspaper.
- (b) All candidates to inform about test/interview through only SMS or AIOU website (news section), No call letters by post will be sent to the candidates for test/interview.
- (c) It is advised to candidates for SMS service, correct Cell Number put in online admission form, if the wrong number is entered in the admission form, then all the responsibility will be on the candidates.
- (d) Remember that if your mobile number has been converted to another network. SMS will not be received on it, so add those numbers in admission form which has not been converted to another network, otherwise you are responsible.
- (e) The eligible candidates for interview are required to bring along with them all original educational documents/degrees (with two sets attested copies)/ thesis/ research paper/experience certificates (if any) for verification during the Interview.
- (f) Candidates will not be allowed to sit in the Written Test without showing CNIC. No TA/DA is admissible for Test & Interview.

Duration/Credit Hours and Medium of Instructions for Ph.D. programs:

Duration/Credit Hours as per HEC rules adopted by AIOU time to time.

The language of instructions, examination and thesis for disciplines will be according to the approved scheme of studies of each department.

Evaluation

Course Work Evaluation

The evaluation of the 18 credit hours of Ph.D. course work will be conducted by Controller of Examinations by appointing teachers (who taught the course in that particular semester) as Examiners recommended by the department concerned.

1. The distribution of marks of each 3 credit hours course work of Ph.D. shall be as follows:

Sr.#	Components	weightage
i.	Continuous Assessment & Mid Term	50% (20+30)
ii.	Final Examination	50%
iii.	Total	100%

2. Pass percentage in aggregate will be 70%. If a student cannot pass in continuous assessment/ assignments or fails to maintain the minimum mandatory class attendance of 70% in a course, he/she will be declared as fail.

Comprehensive Examination

1. The students completing the Ph.D. course work shall be allowed to appear in the Comprehensive Examination arranged and conducted by the department concerned as per the rules of the HEC. The pass percentage in Comprehensive Examination shall be 70% however; no grades will be awarded to the candidate.
2. Each Ph.D. candidate will be given a maximum of two chances to clear the Comprehensive Examination.
3. The department concerned will conduct a written examination (comprehensive exam) of four hours duration based upon its Ph.D. level courses within 90 days of completion of coursework.

Plagiarism Policy

In case a thesis is found to be a plagiarized version of other theses, research work, text, etc., published, or unpublished, the student's candidature for PhD shall be cancelled and he/she shall be debarred forever from admission to any program of the University. In case the plagiarism is proved, after the award of PhD degree, the degree shall be cancelled/withdrawn. The HEC Plagiarism Policy and its SOPs shall be followed for any case found/reported.

Format of Thesis

The scholars will be required to observe the Department/University's guidelines regarding format, writing, referencing, paper quality and other related matters. (Detailed information in this regard could be obtained from the Department on request or the information on format will be provided during the thesis orientation workshop).

c. Thesis Evaluation

1. On completion of **Ph.D.** research, the student shall be required to submit 05 spiral bound copies of the thesis to the Supervisor.
2. The student will also submit an undertaking and a declaration, that the thesis he/she is submitting has not already been submitted or published and shall not in future be submitted by him/her for obtaining any degree from any other university or institution.
3. The thesis will be evaluated as per AIOU rules.
4. The Viva-voce Exam will be conducted after the evaluation as per AIOU rules.
5. The Ph.D. degree shall be awarded on completion of all requirements for the degree.
6. The student will submit five hard bound copies of the approved thesis along with the soft copy to the Chairperson/Director as per specifications of AIOU.

Research Publications:

For award of Ph.D. degree, a Ph.D. researcher shall be required to publish a research articles meeting the following criteria:

- i. At least:
 - a. One research article in W category journal or two research articles in X category journals, for Science disciplines.

- b. One research article in X category journal or two research articles in Y category journals, for Social Sciences disciplines.

- ii. The PhD researcher shall be the first author of these publications.
- iii. The research article shall be relevant to the PhD research work of the PhD researcher.
- iv. The article shall be published after approval of the research synopsis.
- v. The article shall be published in a relevant research journal.

Instructional Methodology:

Face to Face teaching (Tutorials):

For each course, 45 hours face to face teaching support will be provided through workshops/weekend classes. The final schedule of the lectures will be distributed to the students in consultation with the teachers (resource persons). The classes will be supplemented by computers where required. 70% attendance in face to face teaching would be compulsory.

Viva Voce:

After approval of the thesis by the external examiners, the student must appear before a viva-voce committee to defend his/her thesis.

Note: Admission forms complete in all respect must be submitted online on AIOU website.

FACULTY OF ARABIC & ISLAMIC STUDIES



Prof. Dr. Shah Mohyuddin Hashmi
Dean



The Faculty of Arabic & Islamic Studies started its functions initially as the Institute of Arabic and Islamic Studies comprising departments of Arabic and Islamic studies. Later, the Institute of Arabic and Islamic Studies was upgraded to the level of full fledged faculty in 1999 as required by AIOU Act 1974. The faculty was established:

1. To teach Islamic Studies from Matric to Ph.D. levels as per contemporary requirements.
2. To teach Arabic language and literature from Matric to Ph.D. levels as per contemporary needs.
3. To conduct advance research on the different aspects of Islamic Studies, Islamic Culture, Arabic Language, Literature and Civilization.
4. To protect Islamic Heritage with the help of modern research tools and techniques.
5. To play a leading role in the interpretation of Islamic Teachings, according to the needs of contemporary Pakistani society.

6. To reconstruct Islamic Thought and defend Islam and the Islamic identity of Pakistan at national and international forums.
7. To prepare Scholars of Islamic Studies who have grasp of the different issues of Islamic Studies in general and command over the different areas of specialization such as Quran, Tafseer, Hadith, Shariah & Law, Islamic thought, History, Culture, Civilization and Muslim languages particularly Arabic language.
8. To establish a cadre of specialists and professionals, experts in different fields of Islamic Studies who can provide effective leadership in guiding and conducting quality research in the various disciplines of Islamic and Arabic Studies.
9. To provide opportunities for professional growth and development to the scholars of Islamic studies in general and in service personnel.
10. To develop a linkage between different highly reputed institutions of Islamic learning in general and institutions of the Muslim World in particular.
11. To create interfaith harmony and an environment of dialogue between Islamic and other civilizations.

Prospects of the Faculty

1. Faculty is providing education in Arabic, Shari'ah & Islamic Studies to a large number of students.
2. The faculty has prepared several quality books on the different fields of Islamic Studies.
3. The faculty can produce high-quality research work at M.Phil and Ph.D. levels with different specializations.
4. The faculty is regularly publishing its refereed quality research journal Muarf-e-Islami.
5. Some of the programs of the faculty are unique and not offered in any other Institutions of Pakistan except

AIOU such as ATTC, B. Ed Arabic, MA & MPhil Islamic Studies with different specializations.

6. MPhil Islamic Studies is a leading program of the faculty, and it has gained a good reputation in scholarly circles of Pakistan.

MPhil Programs Offered in Autumn-2025

- i) MPhil Islamic Studies (General)
- ii) MPhil Islamic Studies (Specialization in Seerat Studies)
- iii) MPhil Islamic Studies (Specialization in Interfaith Studies)

Eligibility for MPhil Islamic Studies (All Specializations) Programs

A candidate with having MA in Islamic Studies or an equivalent degree with minimum second division (in both MA Islamic Studies & BA) can apply for admission in M.Phil. However, in case of a large number of applications, an initial short listing of candidates will be made, and **preference will be given to those candidates who have passed all degrees with first division or at least first division in MA Islamic Studies or equivalent.**

- A significant weightage is given to the research thesis written for MA Islamic Studies.
- Expertise in Arabic language and Hifz-e-Quran is also considered as an additional qualification during the interview.
- Intermediate and above teaching experience in any recognized college/institution is also given due weightage in admission criteria.

- Published research papers in approved research journals by HEC are also considered in admission criteria.
- The graduates having HEC's approved degree of Al Shahdat Al-Alamia can also apply for admission, but they must have attached an equivalent certificate (by Name) from HEC.



Scheme of Studies for All MPhil of Islamic Studies Programs:

S. No.	Name of Program	MPhil in Islamic Studies
1.	Duration	Course work: Two Semesters Research work/Thesis: Two Semesters
2.	Credit	As per AIOU/HEC rules & Regulations
3.	Medium of Instruction	(i)Urdu (ii) English (iii)Arabic
4.	Research Work	i) The research work must be a distinct contribution to knowledge and afford evidence to originality, shown either by the discovery of new facts or by the exercise of independent critical judgment. ii) The student will be required to observe the guidelines regarding format, writing, referencing, paper, and other related matters as approved in AIOU rules & regulations.
5.	Face-to-Face Classes	teaching hours (Face to Face) classes for each 3-credit course (these classes are being held in Islamabad).
6.	Workshop	o-week synopsis orientation workshop at the start of research work after the completion of course work.

7.	Component s of Course Work	Sr#	Component
		1.	Continues Assessment
		2.	Face to Face teaching (48 hrs. per 03 credit hours in each semester)
		3.	Mid-Term Examination
		4.	Final Examination

PhD Programs Offered in Autumn-2025

- PhD Islamic Studies (General)
- PhD Islamic Studies (Specialization in Seerat Studies)
- PhD Islamic Studies (Specialization in Interfaith Studies)

1. Aims & Objectives of Ph.D. Islamic Studies

The Ph.D. Islamic Studies Program aims to:

- Prepare scholars who have a grasp of Islamic Studies in general and command over the areas of specialization.
- Establish a cadre of specialists and professionals in different fields of Islamic Studies who can provide effective leadership in guiding and conducting quality research in various disciplines of Islamic Studies.
- Provide opportunities for professional growth and development to scholars in general and in-service personnel.

2. Eligibility for Admission

- MPhil Islamic Studies or equivalent from any recognized university in the First division or CGPA 3.00.

3. Scheme of Studies of all Ph.D. Programs

Sr. No.	Name of Program	Ph.D. in Islamic Studies	
1.	Duration	Maximum Five Years (10 Semesters)	
2.	Medium of Instruction	(i) Urdu (ii) English (iii) Arabic	
3.	Coursework	18 CH Course Work	
4.	Research work	The thesis of Ph.D. must be a distinct contribution to knowledge and afford evidence to originality, shown either by the discovery of new facts or by the exercise of independent critical judgment.	
5.	Face-to-Face Classes	48 teaching hours (Face to Face) classes for each 3credit course (these classes are being held in Islamabad.	
6.	Workshop	Two-week synopsis orientation workshop at the start of research work after the completion of course work.	
7.	Evaluation	As per amendments in AIOU rules & regulations, a Ph.D. thesis is necessary to be sent for evaluation to three foreign experts from advanced countries.	
8.	Pre-Requisite of viva voce of Ph.D. Islamic Studies	Unconditional approval from at least two foreign experts. Publication of research paper in HEC-recognized research journal.	
9.	Components of Coursework	Sr.#	Component
		1.	Continues Assessment
		2.	Face to Face teaching (48 hrs per 03 credit hours in each semester)
		3.	Mid-Term Examination
		4.	Final Examination
		5.	Comprehensive Exam

Fee Structure for MPhil Programs Faculty of Arabic and Islamic Studies:

Sr. #	Nature of Fee	Amount	Description
1	Admission fee	Rs.2000/-	This fee will be paid with the fee for first semester
2	Registration fee	Rs.1300/-	Once at the time of Admission
	Technology Fee	Rs.800/-	Each semester
3	Tuition Fee (per Credit)	Rs.1820	A student can take 12 Credit Hours one semester
	Tuition fee for 12 credit hours course.	Rs.21840/-	(Rs.5460/- per 3 credit hours)
4			
5	Total Fee for First Semester	Rs.25940/-	
6	Thesis Fee 12 Credits hours	Rs.10920/-	3 rd & 4 th Semester each
7	Thesis Evaluation Fee	Rs.21840/-	This fee will be paid at the time of submission of the thesis

Fee Structure for Ph.D. Programs Faculty of Arabic and Islamic Studies:

Admission fee (At the time of first admission)	Rs.3350/-
Registration fee (At the time of 1st admission only)	Rs.3350/-
Technology fee (per student per semester)	Rs.800/-
Tuition Fee (Per Credit Hours)	Rs.3260/-
Course Fee (Per 3 credit hours) Rs.9780 x 3 = Rs. 29,340/-	Rs. 29,340/-
Thesis Fee: (in four installments) Rs. 29,340/- in Each Semester	Rs.117,360/-
Thesis Evaluation Fee (at the time of submission of thesis)	Rs.117,360/-
Total Fee for First Semester	Rs.36,840/-

The University reserves the right to change the fee tariff in the coming semesters. This can be done without any prior notice as deemed fit for the expected expenditure which is to be incurred on the semester-based academic and operational activities of the program.

DEPARTMENT OF ISLAMIC THOUGHT, HISTORY AND CULTURE



Dr. Hafiz Muhammad Sajjad
Chairman



The Department of Islamic Thought History and Culture was established to provide advances studies and research in the field of Islamic Thought, History and Culture. To achieve this goal, the department is offering graduate and postgraduate-level programs. This department coordinates PhD Islamic Studies (General), MPhil Islamic Studies (General), MA Islamic Studies (General) and B.S Islamic Studies (General), B.S Islamic Studies (in English medium for International Students), B.S Islamic Finance, Post Graduate Diploma "IFTAA" Certificate Course "IFTAA", Certificate Training course of "Imam and Khateeb". and Diploma Islamic Finance Programs.

A. MPhil Islamic Studies (General)

1. Introduction

The Department of Islamic Thought, History and Culture is offering MPhil Islamic studies. This Program started in 1987. This is the most important & significant Program offered by the Department of Islamic Thought, History and Culture, AIOU. This Program is reputed as one of the best programs in public sector universities of Pakistan. The graduates with MPhil Islamic Studies degree from AIOU are serving on important academic & administrative post in the colleges & Universities of Pakistan as well in foreign countries. Each year hundreds of candidates apply for admission and only a few candidates can get admission who fulfill the requirements of the admission criteria. The MPhil students are required to complete specific coursework & research work under the supervision of highly qualified supervisors. This Program requires 2 to 4 years' time for completion. The student's complete coursework under the guidance of qualified Faculty members. This Program designed to carry out research in different fields of Islamic Studies so that new dimensions of understanding Islam can be explored. This Program provides scholars an opportunity of exercising independent critical judgment through research skills for the service of Islamic & Muslim communities.

2. Aims & Objectives

The MPhil Islamic Studies is aimed to:

- Prepare scholars of research aptitude who can analyze facts in the light of Islamic research principles.
- Enhance the skills of research and create a better understanding of Islam and contemporary challenges faced by the Muslim Ummah.

- Provide an opportunity of learning the methods of use of basic Islamic sources for Islamization of contemporary knowledge and laws.
- Prepare scholars who have a grasp of Islamic Studies in general and command over the area of specialization.
- Establish a cadre of specialists and professionals in different fields of Islamic Studies, who can conduct quality research in various disciplines of Islam. Provide opportunities for professional growth and development to scholars in general and in-service personnel.

3. Detail of Courses for MPhil Islamic Studies (General)

1st Semester

Sr. #	Course Title	Course Code	Credit Hours
1.	Basic Sources of Islamic Sciences & Thought	6809	3
2.	Principles & Methods of Research	6806	3
3.	Ijtihad History, Principles & Methods	6807	3
4.	Orientalism Critical Study	6808	3

2nd Semester

1.	Islamic Thought, History & Culture: Principles & Methodology	6801	3
2.	Islam and Modern Economic and Social Issues	6810	3
3.	New Dimensions of Research in Islamic Sciences	6811	3
4.	Principles, Methods of Islamic Fiqh & Objectives of Shari'ah	6812	3

3rd Semester	Thesis-1	8047	6
4th Semester	Thesis-2	8048	6

B. Ph.D. Islamic Studies Program

4. Introduction

The Department of Islamic Thought, History and Culture have been offering PhD Islamic Studies. At present the Department is offering an MPhil based PhD program. PhD students are required to complete specific course work & research work under the supervision of a qualified supervisor. This Program requires 3 to 5 years for completion. The students complete research work under qualified supervisors, however, the degree is awarded after the evaluation of the thesis by three foreign experts from technologically advanced countries as per the required Criteria of HEC. This program is designed to carry out research in different fields of Islamic Studies so that new aspects can be discovered & students can exercise independent critical judgment through the research skills for the service of Islamic & Muslim communities.

5. Aims & Objectives of Ph.D. Islamic Studies

The Ph.D. Islamic Studies Program aims to:

- Prepare scholars who have a grasp of Islamic Studies in general and command over the areas of specialization.
- Establish a cadre of specialists and professionals in different fields of Islamic Studies who can provide effective leadership in guiding and conducting quality research in various disciplines of Islamic Studies.
- Provide opportunities for professional growth and development to scholars in general and in-service personnel.

6. Eligibility for Admission

- MPhil Islamic Studies or equivalent from any recognized university in the First division or CGPA 3.00.

7. Scheme of Studies of all Ph.D. Programs

Sr. No.	Name of Program	Ph.D. in Islamic Studies	
1.	Duration	Maximum Five Years (10 Semesters)	
2.	Medium of Instruction	(i) Urdu (ii) English (iii) Arabic	
3.	Coursework	18 CH Course Work	
4.	Research work	The thesis of Ph.D. must be a distinct contribution to knowledge and afford evidence to originality, shown either by the discovery of new facts or by the exercise of independent critical judgment.	
5.	Face-to-Face Classes	48 teaching hours (Face to Face) classes for each 3credit course (these classes are being held in Islamabad.	
6.	Workshop	Two-week synopsis orientation workshop at the start of research work after the completion of course work.	
7.	Evaluation	As per amendments in AIOU rules & regulations, a Ph.D. thesis is necessary to be sent for evaluation to three foreign experts from advanced countries.	
8.	Pre-Requisite of viva voce of Ph.D. Islamic Studies	Unconditional approval from at least two foreign experts. Publication of research paper in HEC-recognized research journal.	
9.	Components of Coursework	Sr.#	Component
		1.	Continues Assessment
		2.	Face to Face teaching (48 hrs per 03 credit hours in each semester)
		3.	Mid-Term Examination
		4.	Final Examination
		5.	Comprehensive Exam

8. Details of Courses Ph.D. Islamic Studies (General)

1stSemester

Sr. #	Course Title	Course Code	Credit Hours
1.	Applied Research in Islamic Studies	6858	3
2.	Principles & Methods of Interpretation	6859	3
3.	Muslim Thinkers & Critical Study of their Thought	6860	3

2ndSemester

4.	Islamic Epistemology & Islamization of Knowledge	6851	3
5.	Comparative Study of World Civilizations	6861	3
6.	Challenges to Contemporary Islamic Thought and Possible Solutions	6862	3

3rdSemester	Thesis-1	8123	9
4thSemester	Thesis-2	8124	9
5thSemester	Thesis-3	8125	9
6th Semester	Thesis-4	8126	9

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DEPARTMENT OF SEERAT STUDIES



Prof. Dr. Shah Moeen Uddin Hashmi
Chairman



The Department of Seerat Studies, a significant segment of the Faculty of Arabic & Islamic Studies was established in 2017 to familiarize the new generation in specific and the whole ummah in general, with the Seerat of the last Prophet Hazrat Muhammad (SAW) and to promote knowledge, research and teachings associated with Prophetic Seerah. So, to develop a deep and academic understanding of Seerah and research in its diverse fields the department is offering various courses at different levels.

To achieve this goal, the department is offering graduate and postgraduate-level programs that include Ph.D. Islamic Studies (Seerat), M. Phil Islamic Studies (Seerat), B.S Islamic Studies (Seerat) and B.S Islamic Studies (Dars-e-Nizami).

A. MPhil Islamic Studies (Specialization in Seerat Studies) Program

1. Introduction

The Department of Seerat Studies is offering MPhil Islamic Studies (Specialization in Seerat Studies), a significant program of the Department. This program is reputed as one of the best program in public sector universities of Pakistan. The MPhil students are required to complete specific coursework & research work under the supervision of highly qualified supervisors. The Program requires 2 to 4 years' for completion. Students' complete coursework under the guidance of qualified Faculty members. It designed to carry out research in different fields of Islamic Studies so that new dimensions of understanding of Islam can be explored. It provides scholars an opportunity of exercising independent critical judgment through research skills in the light of Seerat-e-Rasool (SAW).

2. Aims & Objectives

The program is aimed to:

- Prepare scholars of research aptitude who can analyze facts in the light of Islamic research principles.
- Establish a cadre of specialists and professionals in different fields of Islamic Studies, with particular reference to Seerat Studies, who can conduct quality research in various disciplines of Seerat.
- Provide opportunities for professional growth and development to scholars in general and in-service personnel.
- To prepare such scholars, having expertise in the Seerat, who can present Seerat Tayyaba according to contemporary needs.

3. Detail of Courses

1st Semester

Sr. #	Course Title	Course Code	Credit Hours
1.	Research Methodology	SERT 7501	3
2.	Principles and Method of Historiography	SERT 7502	3
3.	Basic Sources of Islamic Sciences (Methodological Study)	SERT 7503	3
4.	Selected Textual Study of Seerah (Methodological Study)	SERT 7504	3

2nd Semester

1.	Principles and Method of Takhreej (Sources of Hadith and Seerah)	SERT 7505	3
2.	Study of Seerah and Orientalism	SERT 7506	3
3.	Subjective Study of New Aspects of Seerah	SERT 7507	3
4.	Study of Modern Seerah Literature	SERT 7508	3
3rd Semester	Thesis-1	SERT 8501	6
4th Semester	Thesis-2	SERT 8502	6

B. Ph.D. Islamic Studies (Specialization in Seerat Studies) Program

1. Introduction

The Department of Seerat Studies has been offering PhD Islamic Studies (Specialization in Seerat Studies). Ph.D. students are required to complete specific course work & research work under the supervision of qualified supervisors. This Program requires 3 to 5 years' for completion. The students complete research work under qualified supervisors, however the degree is awarded after the evaluation of the thesis by three foreign experts from technologically advanced countries as per the required criteria of HEC. It designed to carry out research in different fields of Islamic Studies so that new aspects can be discovered & students can exercise independent critical judgment through the research skills for the service of Islamic & Muslim communities.

2. Aims & Objectives

The program aims to:

- Prepare scholars who have a grasp of Islamic Studies in general and command over the areas of specialization.
- Establish a cadre of specialists and professionals in different fields of Islamic Studies who can provide effective leadership in guiding and conducting quality research in various disciplines of Islamic Studies.
- Provide opportunities for professional growth and development to scholars in general and in-service personnel.

3. Eligibility for Admission

MPhil Islamic Studies or equivalent from any recognized university in the First division or CGPA 3.00.

4. Details of Course Work (Specialization in Seerat Studies)

1stSemester

Sr. #	Course Title	Course Code	Credit Hours
1.	Applied Research in Islamic Studies	SERT 9501	3
2.	Pre-Islam History and Civilization of Arab	SERT 9502	3
3.	Geography of Seerah	SERT 9503	3
4.	Seerah Sciences	SERT 9504	3

2ndSemester

1.	Classical Trends of Seerah Writing	SERT 9505	3
2.	Modern Trends of Seerah Writing	SERT 9506	3
3.	Fiqh al Seerah	SERT 9507	3
4.	Comparative Trends in Seerah Writing	SERT 9508	3

3rdSemester	Thesis-1	SERT 9509	9
4thSemester	Thesis-2	SERT 9510	9
5thSemester	Thesis-3	SERT 9511	9
6thSemester	Thesis-4	SERT 9512	9

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DEPARTMENT OF INTERFAITH STUDIES



Prof. Dr. Ghulam Shams-ur-Rehman
Chairman



Department of Interfaith Studies of the Faculty of Arabic and Islamic Studies is an emerging department of Allama Iqbal Open University, Islamabad. The department aims to present the universal teachings of Islam and to prepare courses for Interfaith and intra-faith harmony. Today, more than ever before, it is extremely important to comprehend the complexity and nature of Interfaith Studies both in public and private spheres in the contemporary pluralistic global world.

The Department of Interfaith Studies was established to provide advance studies and research in the field of Interfaith. To achieve this goal, the department is offering graduate and postgraduate-level programs. This department coordinates Ph.D. Islamic Studies (Specialization in Interfaith Studies), M. Phil Islamic Studies (Specialization in Interfaith Studies), B.S Islamic Studies (Specialization in Interfaith Studies) etc.

A. MPhil Islamic Studies (Specialization in Interfaith Studies) Program

1. Introduction

The Department of Interfaith Studies is offering MPhil Islamic studies (Specialization in Interfaith Studies). This is the most important & significant Program offered by the Department of Interfaith Studies, AIOU. This Program is reputed as one of the best programs in public sector universities of Pakistan. The MPhil students are required to complete specific coursework & research work under the supervision of highly qualified supervisors. This Program requires 2 to 4 years for completion. The student's complete coursework under the guidance of qualified faculty members. This Program is designed to carry out research in different fields of Islamic Studies so that new dimensions of understanding Islam can be explored. This Program provides scholars an opportunity of exercising independent critical judgment through research skills in the light of Interfaith Studies.

2. Aims & Objectives

The MPhil Islamic Studies (Specialization in Interfaith Studies) is aimed to:

- Prepare scholars of research aptitude who can analyze facts in the light of Islamic research principles.
- Establish a cadre of specialists and professionals in different fields of Islamic Studies, who can conduct quality research in various disciplines of Islam. Provide opportunities for professional growth and development to scholars in general and in-service personnel.

3. Detail of Courses

1st Semester

Sr. #	Course Title	Course Code	Credit Hours
1.	Principles of Research and Editing	FATH 7501	3
2.	The Quran and Interfaith Studies	FATH 7502	3
3.	Religion and Orientalism	FATH 7503	3
4.	Sources of Islamic Studies (Interfaith Studies)	FATH 7504	3

2nd Semester

1.	Methods and Approaches to Interfaith Studies	FATH 7505	3
2.	Philosophy of Religion	FATH 7506	3
3.	Interfaith Relations between the World Religions	FATH 7507	3
4.	Interfaith Studies and Pluralism in Pakistan: Theory and Practice.	FATH 7508	3

3rd Semester

	Thesis-1	FATH 8501	6
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4th Semester

	Thesis-2	FATH 8502	6
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4. Ph.D. Islamic Studies (Specialization in Interfaith Studies) Program

1. Introduction

The Department of Interfaith Studies has been offering Ph.D. Islamic Studies (Specialization in Interfaith Studies). Ph.D. students are required to complete specific course work & research work under the supervision of a qualified supervisor. This Program requires 3 to 5 years' for completion. The students complete research work under qualified supervisors, however the degree is awarded after the evaluation of the thesis by three foreign experts from technologically advanced countries as per the required Criteria of HEC. This Program is designed to carry out research in different fields of Islamic Studies so that new aspects can be discovered & students can exercise independent critical judgment through the research skills for the service of Islamic & Muslim communities.

2. Aims & Objectives

The Ph.D. Islamic Studies (Specialization in Interfaith Studies) Program aims to:

- Prepare scholars who have a grasp of Islamic Studies in general and command over the areas of specialization.
- Establish a cadre of specialists and professionals in different fields of Islamic Studies who can provide effective leadership in guiding and conducting quality research in various disciplines of Islamic Studies.
- Provide opportunities for professional growth and development to scholars in general and in-service personnel.

3. Eligibility for Admission

- MPhil Islamic Studies or equivalent from any recognized university in the First division or CGPA 3.00.
- Departmental Test/Interview by the Ph.D. Admission Committee

4. Details of Course Work (Specialization in Seerat Studies)

1stSemester

Sr. #	Course Title	Course Code	Credit Hours
1.	Applied Methods in the Study of Religion	FATH 9501	3
2.	Approaches to Interfaith Studies	FATH 9502	3
3.	Global Interfaith Institutions and Networks	FATH 9503	3

2ndSemester

1.	Muslim Contributions in the Study of Religion	FATH 9504	3
2.	Peace building Conflict-Resolution and Interfaith Studies	FATH 9505	3
3.	Sufi Tradition and Interfaith Harmony	FATH 9506	3

3rdSemester	Thesis-1	FATH 9507	9
4thSemester	Thesis-2	FATH 9508	9
5thSemester	Thesis-3	FATH 9509	9
6thSemester	Thesis-4	FATH 9510	9

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FACULTY OF SOCIAL SCIENCES & HUMANITIES



Prof. Dr. Abdul Aziz Sahir
Dean



The Faculty of Social Sciences and Humanities was established in 1981 with five Departments. Over the years, it emerged as the largest Faculty of the university. Currently, it consists of fourteen Departments offering various undergraduate, MPhil and PhD programs in major areas of Social Sciences and Humanities like, Business Administration, Economics, Sociology, Urdu, Mass Communication, Gender and Women Studies, Library & Information Sciences, History, Pakistan Studies, English (Linguistics & Literature) and Teaching of English as a Foreign Language (TEFL). The Faculty of Social Sciences & Humanities also offers several Bachelor level Programs in such professional areas like Bachelor in library& Information Sciences (BLIS), BS-Business Administration, BS-Commerce, Mass Communication and BS English (Linguistics & Literature). Thousands of students belonging to various demographic backgrounds from all over the country are enrolled each year in these Bachelor level Programs.

Aligned with the government's policy of promoting and strengthening a culture of higher education and research in the country, the AIOU's Faculty of Social Sciences and Humanities has shown a lot of dynamism over the past few years. It offers

MPhil/Ph.D. Programs in Iqbaliat, Urdu and Mass Communication, Pakistani Languages, MPhil in Economics, History and Pakistan Studies. MS in Management Sciences, PhD in Business Administration, MPhil in English and Ph.D. in English (Linguistics) and History.

The faculty has expanded vitally, and its programs have gained a high popularity as is clear from the rapidly rising trend of enrolment during the past decade. Further the faculty accorded high priority to improvement of quality education and modified its programs in accordance with the current challenges of the 21st century.

The faculty proposed to launch soon Post-Graduate Programs in the disciplines of Political Science and International Relations, Psychology, Public Administration and Social Work.

Fee Tariff for MPhil Programs
Faculty of Social Sciences & Humanities

Sr. #	Nature of Fee	Amount	Description
1	Admission fee	Rs.2000/-	This fee will be paid with the fee for first semester
2	Registration fee	Rs.1300/-	Once at the time of Admission
	Technology Fee	Rs.800/-	Each semester
3	Tuition Fee (per Credit)	Rs.1820	A student can take 12 Credit Hours one semester
4	Tuition fee for 12 credit hours course.	Rs.21840/-	(Rs.5460/- per 3 credit hours)
5	Total Fee for First Semester	Rs.25940/-	
6	Thesis Fee 12 Credits hours	Rs.10920/-	3 rd & 4 th Semester each
7	Thesis Evaluation Fee	Rs.21840/-	This fee will be paid at the time of submission of the thesis

Fee for MBA and MPhil Sociology

3	Tuition Fee (per Credit)	Rs.9780/-	A student can take 12 Credit Hours one semester
4	Tuition fee for 12 credit hours course.	Rs.39120/-	(Rs.9780/- per 3 credit hours)
5	Total Fee for First Semester	Rs.43220/-	

6	Thesis Fee 12 Credits hours	Rs.19560/-	3 rd & 4 th Semester each
7	Thesis Evaluation Fee	Rs.39120/-	This fee will be paid at the time of submission of the thesis

Fee Tariff for Ph.D. Programs
Faculty of Social Sciences & Humanities

Admission fee (At the time of first admission)	Rs.3350/-
Registration fee (At the time of 1st admission only)	Rs.3350/-
Technology fee (per student per Semester)	Rs.800/-
Tuition Fee (per Credit Hours)	Rs.3260/-
Course Fee (Per 3 credit hours) Rs.9780 x 3 = Rs. 29,340/-	Rs. 29,340/-
Thesis Fee: (in four installments) Rs. 29,340/- in Each Semester	Rs.99,000/-
Thesis Evaluation Fee (at the time of submission of thesis)	Rs.117,360/-
Total Fee for First Semester	Rs.36,840/-

The University reserves the right to change the fee tariff in the coming semesters. This can be done without any prior notice as deemed fit for the expected expenditure which is to be incurred on the semester-based academic and operational activities of the program.

DEPARTMENT OF MASS COMMUNICATION



Dr. Bakht Rawan
Chairman



Introduction

The Department of Mass Communication was established in 1986 for fulfilling the educational needs of students, working journalists and media persons at various levels. The Department offered its specialized BA cluster program in Mass Communication in 1988. It was the first ever bachelor's level program in Mass Communication offered in the country. Students across the country are taking interest in the program

In 1997 the Department started its MSc Mass Communication Program. Keeping in view the trend of students in studying the phenomenon of Mass Communication, the Department launched advanced studies of MPhil in Mass Communication in 2000. The MPhil program imparts the knowledge of evolution and advances in mass communication theory and research, sociology of mass media, and the methods of behavioural research in social sciences.

The Department resumed offering of its PhD Program in semester Autumn 2014. The main objective of the program is to enable students to understand and explain the dynamics of the social phenomena of mass communication in Pakistani society, especially to enable them to independently investigate the contents, uses and effects of mass media in society.

In addition to the above degree programs, the Department also offers BS Mass Communication, Post Graduates Diploma (PGD) and certificate courses in Journalism, such as Advertising and Public Relations in the University's Short Term Educational Programs (STEPS)

PhD IN MASS COMMUNICATION

PhD in Mass Communication involves 18 credit hours course work followed by comprehensive research to generate body of knowledge on the mass communication phenomena. The coursework comprises International Communication and Globalization, Approaches to Mass Communication: Mass Communication Theory and Effects (Part-1), Approaches to Mass Communication: Mass Communication Theories and Effects

(Part-2), Media Debates, Content Analysis Research in Mass Communication, and Political Communication. This program will make students learn the global perspective of Mass Communication, and help them explore media-society relationships. Besides, the students will be able to debate, and independently investigate the issues relating to political and sociological perspectives of Mass Media and Communication at national and international levels.

Objectives

The PhD Mass Communication program has been designed to advance higher studies and research in Mass Communication enabling students to critically analyze the relationships between media and society.

Eligibility for Admission

The minimum entry requirement for admission to PhD Mass Communication program shall be MPhil in Mass Communication with first division or CGPA (3.0) from any recognized University.

1. Merit will be determined by the Department of Mass Communication according to the approved criteria.
2. Only short-listed candidates will be called for test/interview.
3. The Department enrolls limited number of students to the program.
4. After selection of merit student can deposit admission fee through voucher downloaded from their OAS portal.

Duration

The minimum duration of the PhD degree shall be six semesters (three years) and maximum duration shall be ten semesters (five years).

Course Work

The minimum period for completion of PhD course work shall be two semesters (one year) and maximum of four semesters (two years) provided the maximum period of five years is not affected.

Research Work

The minimum period to complete PhD thesis after confirmation of candidature (date of notification by Directorate of BASR) shall be three semesters provided the maximum period of five years is not affected. (Detailed information regarding thesis can be had from the Department).

Scheme of Studies

There will be 18 credit hours course work and 36 credit hours of thesis. Details are given below:

1st Semester:

Sr. No.	Code	Course	Credit Hours
1	6761	International Communication and Globalization	03
2	6762	Media Debates	03
3	6763	Political Communication	03

2nd Semester:

Sr. No.	Code	Course	Credit Hours
1	6764	Content Analysis Research in Mass Communication	03
2	6765	Approaches to Mass Communication: Mass Communication Theories and Effects (Part one)	03
3	6766	Approaches to Mass Communication: Mass Communication Theories and Effects (Part two)	03

3rd Semester

1	8191	Thesis – I	09
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4th Semester

1	8192	Thesis – II	09
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5th Semester

1	8193	Thesis – III	09
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6th Semester

1	8194	Thesis – IV	09
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Lecturer
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- 6. Dr. Sobia Shahzad**
Lecturer (on Deputation)

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CHAIRMAN

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DEPARTMENT OF ENGLISH



Dr. Muhammad Kamal Khan
Chairman



The Department of English at Allama Iqbal Open University being one of the oldest in the country was established in 1974 within the Faculty of Social Sciences and Humanities. The Department currently offers four programs approved from the statutory bodies of the universities and may decide to offer them each semester subject to the requirements and approval of the university. These approved programs include one-year Post Graduate Diploma (PGD) in Teaching of English as a Foreign Language (TEFL), four-year BS degree program in English, MPhil in English (with specialization in English Literature & Linguistics) and Ph.D. English (Linguistics) programs.

The first program initiated by the department was Diploma in Teaching of English as a Foreign Language (TEFL). It was introduced in 1985 and is still the flagship program of the department. Master in Teaching of English as a Foreign Language (TEFL) introduced in 1988 remained enormously successful with hundreds of graduates placed in prominent positions in different educational institutions across Pakistan. It is a unique pride of the Department that it was pioneer in offering specific courses for the training of English language teachers in the country.

Keeping in view the local and global demands of English, the department started offering BS English program in 2019. This recently launched program has been received with great aplomb by the young students as it equips them with mandatory research skills, develops their understanding of English literature in general, and with special reference to the Pakistani Literature in English, familiarizes them with mechanics of linguistics and, also, trains them in internationally emerging ELT methods and practices. Later in 2020, the Department offered MPhil in English (with specialization in English Literature & in Linguistics) and Ph.D. English (Linguistics) programs, the most prestigious programs of English studies. The department of English has been working earnestly since long to offer these prestigious programs which may not only cater to the needs of professionals but also offers a platform for future planners in the field of linguistics, literature, and related interdisciplinary areas.

Further, the department has been offering an extensive range of compulsory English courses at Matric, Intermediate and Bachelor levels for other departments of the university as well.

In the semester Autumn 2023, the Department of English plans to offer admissions in MPhil in English (with specialization in linguistics) program. The details of the program are given as under.

MPhil in English

The main objectives to launch MPhil in English program are to contribute to the capacity building of English language experts in the field of linguistics and to produce high-quality research focused on the current and future English language needs of the country. There is a high demand for English professionals across Pakistan to serve in various fields (inter alia, federal, and provincial management through CSS/PMS,

at tertiary and higher educational institutions and in the armed forces). Professionals in the field of linguistics across the country have been demanding the launch of this program from the AIOU platform. In this regard, it is worth mentioning that there are a high number of professionals working in the far-flung areas of the country who intend to enhance their professional qualifications, but they find it hard to get enrolled due to very high fee structure for the program offered by public or private universities. Some salient objectives of the program are to:

- Equip the students with the latest knowledge and skills required in the field of linguistics.
- Enable the students to solve real-life problems related to language(s) in a professional way.
- Assist the students to reflect on the structure of language and theories of language acquisition and to make original contributions to them.
- Enhance the quality in the field of linguistics in the country by promoting research culture.
- Address local issues related to Linguistics and provide viable solutions through critical approach and research.
- Coordinate evidence-based linguistic practices by using the relevant local and foreign research studies.
- Endeavor to create new knowledge related to our regional languages and promote them nationally as well as internationally; and
- Instill soft skills, critical, and analytical thinking in MPhil research students.

Eligibility for Admission

The minimum entry requirement for admission to MPhil in English program shall be Master degree (MA)/BS (16 years education) in English/Linguistics & Literature/Applied Linguistics/TEFL/ TESOL / ELT with second division from any recognized University.

Scheme of Studies of MPhil in English

The scheme of studies of MPhil in English program comprises twenty-four (24) credit hours of the course work and twelve (12) credit hours of thesis. The semester-wise course offering details are given below:

1st Semester

Sr. #	Course Title	Course Code	Credit Hours
1.	Critical Theories & Research	2801	3
2.	Discourse Analysis	2802	3
3.	Stylistics	2803	3
4.	Current issues in pragmatics	2804	3

2nd Semester (Linguistics)

1.	Research Methods	2805	3
2.	Applied Linguistics	2810	3
3.	Second Language Acquisition	2811	3
4.	Contemporary Trends in Linguistics	2812	3

2nd Semester (Literature)

5.	Research Methods	2816	3
6.	South Asian Literature	2818	3
7.	Shakespearean Studies	2820	3
8.	Contemporary American Literature	2824	3

Research Work

3 rd Semester	Thesis – 1	8039	6
4 th Semester	Thesis – 2	8040	6
3 rd Semester	Thesis – 1	8041	6
4 th Semester	Thesis – 2	8042	6

PhD in English (Linguistics)

Department of English offers its prestigious PhD program which not only caters to the needs of professionals working in the field of Linguistics / Applied Linguistics / ELT but also offers a platform for future planners in the field of different branches of linguistics and related interdisciplinary areas such as psycholinguistics, sociolinguistics, critical discourse studies, corpus studies, and so on. The Department initially launched PhD in English (Linguistics) in Autumn 2020. This program is offered by the Department on annual basis, with this offering (Autumn 2025 Semester) being the third one.

Eligibility Criteria

- A graduate holding MS/MPhil in the relevant field or equivalent with CGPA 3.00/1st Division is eligible to apply for admission in PhD Program.
- ii. GRE/GAT Subject or equivalent with 60% pass marks. In case of non-availability of GRE / GAT, departmental test may be conducted as per HEC/AIOU rules, followed by interview of candidates successful in the test.
- iii. Publication of research article(s) in HEC recognized journals will be preferred.
- iv. The minimum duration of the PhD degree is six semesters (three years) and maximum duration shall be 16 semesters (eight years) as per HEC/AIOU rules.

The candidates will apply for admission online through AIOU Admission Portal as per the instructions provided therein. Upload all educational degrees, certificates, and marks sheets before the closing date. Incomplete admission forms will not be entertained. The candidates must check their portal from time to time to see any status update.

Scheme of Studies for PhD Linguistics

Course Work: 18 Credit Hours

1st Semester

S. No.	Course Title	Course Codes	Credit Hours
1.	Approaches in Sociolinguistics	7853	3
2.	Critical Discourse Analysis (CDA)	7854	3
3.	Research Methodology (Linguistics)	7855	3

2nd Semester

S. No.	Course Title	Course Codes	Credit Hours
1.	Corpus Linguistics	7858	3
2.	Intercultural Pragmatics	7860	3
3.	Advanced Theories in Phonetics & Phonology	7861	3

Subsequent Semesters

S.	Course Title	Course Code	Credit Hours	Distribution	CHs	Sem-codes
1.	Dissertation	7880	36	Thesis-1	9	8115
				Thesis -2	9	8116
				Thesis -3	9	8117
				Thesis -4	9	8118

Other Requirements:

- Comprehensive Examination before being called for PhD proposal defence (as per HEC/AIOU rules)
- Publication of research article as per approved policy of Higher Education Commission (as per HEC/AIOU postgraduate rules)
- Dissertation (36 Credit Hours and as per HEC rules)

Instructional Methodology

The PhD program is offered on regular basis and the

instructional methodology shall be followed solely on face-to-face basis. Some other significant details are mentioned below:

Study Material

The Department will provide study materials during the first two semesters of course work. The instructors will share their outlines of the courses along with recommended 'essential and extended' reading list in the beginning of the semester.

Seminars and Workshops

There will be a series of mandatory workshops during the course work to provide an opportunity to the students to share their understanding of course content with fellow students. Similarly, special seminars and workshops will be arranged at the Main Campus during the third and/or fourth semester that requires the research scholars to develop and present their drafts of research proposal.

Dissertation

A PhD Scholar is required to conduct research work under the supervision of an advisor/supervisor having a PhD in the relevant field (as per relevant HEC/AIOU rules). The scholars will be required to present and defend their research proposals in front of the Departmental Synopsis Committee. Similarly, after the required evaluation of the thesis/dissertation by foreign and local experts (as per HEC/AIOU rules) a scholar must appear before the committee/public for a public defence to defend his/her research work.

Note: To seek clarification about academic matters, use the following postal / email addresses:

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6. Dr. Ubaidullah Khan

Lecturer
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ubaid.khan81@aiou.edu.pk

7. Staff

Ph: 051-9576595
For any further information, please contact:

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2. Dr. Malik Ajmal Gulzar

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4. Dr. Rashida Imran

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5. Dr. Munir Khan Khattak

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CENTRE FOR LANGUAGES AND TRANSLATION STUDIES



Dr. Ghulam Ali
Director



Introduction

Centre for Languages and Translation Studies (CeLTS) is the pioneer platform of translation studies as an academic field in Pakistan. It has played its instrumental role in creating awareness, developing human resources, providing foreign knowledge in our national language to the respective audience in the country. It is established fact now that trends in technology and globalization have fundamentally altered the scope and role of languages, cultures, demands of research and the needs of cultural diversity and harmony in recent times especially after post-Covid situation in world. Information technology and knowledge are the key determinants of wealth creation, social transformation, and human development. Language enables the delivery of information and knowledge coded in different socio cultural, political, and economic contexts. Language is considered the most important observable aspect of culture. It plays a pivotal role not only to communicate values, customs and beliefs, but also to form identity.

Language and culture are knitted together in such a bonding that the loss of a language entails the loss of an identity, a culture, concepts and ideas. CeLTS also believes in data driven approaches for tracing and understanding linguistic patterns of national languages of Pakistan, which may be employed for AI-powered linguistic systems. It in this regard organizes workshops of international level on a regular basis to provide hands-on training to individuals interested in conducting research in various aspects of regional languages, especially in translation studies, computational linguistics, machine learning, natural language processing, corpus linguistic, forensic linguistics and screen translation. An intensive workshop on ‘Language Documentation’ provided training to the participants on digital archiving that included recording, annotation, translation, preservation and distribution of resulting material. A more recent one-week international training workshop on ‘Natural Language Processing’ organized by CeLTS helped professionals and research scholars from more than 30 universities of Pakistan to further enhance their NLP and AI skills. These initiatives will raise the technological standard of indigenous languages and will play a key role in development of a comprehensive linguistic system to address the socio-cultural and linguistic issues of Pakistan.

PhD IN APPLIED LINGUISTICS

Program Introduction:

PhD degree in Applied Linguistics aims at bridging the long existent gap in the language resource development in indigenous languages and expansion of the field of translation studies specifically in the perspective of recent technological emergence.

Applied linguistics as a field may be described as a broad interdisciplinary field of study concerned with solutions to problems or the improvement of situations involving indigenous languages and its users and uses. Applied Linguistics provides the theoretical and applied foundations for the investigation and solution of language-related problems, especially those of language education but also problems of translation and interpretation, lexicography, forensic linguistics and (perhaps) clinical linguistics.

Objectives of the Program

The program objectives outlined for PhD Applied Linguistics are:

- To facilitate research on the indigenous languages of Pakistan at par with international research trends
- to develop domesticated research perspectives for understanding the nature of local language problems/issues and provide solutions respectively
- To develop technologically efficient localized linguistic systems for revitalizing and enriching Pakistani languages
- To develop a trans disciplinary knowledge venue for proposing multipronged and multifaceted socio-lingual cultural issues; and make inter-human communication among diverse nations and races possible.
- To equip the research scholars enrolled in PhD with the latest methods, techniques and technology in the field of Linguistics, Translation, Natural Language Processing and Artificial Intelligence

Eligibility for Admission

An MPhil/MS degree in Applied linguistics/ Linguistics/ Translation Studies/Languages (indigenous or foreign) is required for the admission in this program, A minimum of 3.0 CGPA or 1st division for semester system students and written test as per AIOU admission policy.

Scheme of Studies:

Semester 1

Course Code	Course Title	Cr. Hours
TRAN 9501	Advance Research Methods in Applied Linguistics	3
	Elective -II	3
	Elective -III	3

List of Elective Courses for Semester-1:

Sr. No.	Course Code	Course Title	Credit Hours
1	TRAN 9502	Language and Technology	3
2		Corpus Studies	3
3		Computational Linguistics	3
4	TRAN 9505	Lexicography	3
5		Forensic Linguistics	3
6		Digital Humanities	3

Semester 2

Course Code	Course Title	Cr. Hours
TRAN 9508	Recent Trends in Translation Studies	3
	Elective -V	3
	Elective -VI	3

List of Elective Courses for Semester-2:

Sr. No.	Course Code	Course Title	Credit Hours
1		Screen Translation	3
2	TRAN 9510	Applied Sociolinguistics	3
3	TRAN 9511	Advancement in Syntactic and Morphological Theories	3
4		Cross-Cultural Pragmatics	3
5		Language Planning and Policy (LPP)	3
6		Critical Discourse Studies	3

Research Work

Semester	Course Title	Code	Cr. Hrs.
3 rd Semester	Thesis-1		09
4 th Semester	Thesis-2		09

5thSemester	Thesis-3		09
5thSemester	Thesis-4		09
Total Credit Hours of Research Thesis:			36

Career Options:

PhD graduates in Applied Linguistics may have the following career prospects:

- Attain academic positions at leading universities in their discipline.
- Attain positions in other disciplines such as Natural Language Processing, Screen Studies, Political Communications, Policy Studies, embassies, National & Provincial Assemblies.
- Pursue careers in translation, higher education, government agencies, NGOs, international bodies and other institutes nationally or around the globe.
- Participate in language, culture and translation projects as freelancers.

Language Proficiency Criteria

The candidate must fulfill at least one of the following English language proficiency criteria for admission:

- Candidate must have written MPhil thesis in English Language
- Candidate must have obtained a minimum of 6 Band in IELTS test
- Candidate must appear and score at least 60 percent score in university designed English language proficiency test.

Scope of the Study:

PhD degree in Applied Linguistics aims at bridging the long existent gap in the language resource development in indigenous languages and expansion of the field of translation studies specifically in the perspective of recent technological emergence. Applied linguistics as a field may be described as a broad interdisciplinary field of study concerned with solutions to problems or the improvement of situations involving indigenous languages and its users and uses. Applied Linguistics provides the theoretical and applied foundations for the investigation and solution of language-related problems, especially those of language education but also problems of translation and interpretation, lexicography, forensic linguistics and (perhaps) clinical linguistics.

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- Participate in language, culture and translation projects as freelancers.

- **FACULTY MEMBERS**

1. Dr. Ghulam Ali

Director

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2. Prof. Dr. Abdul Qadir Khan

Professor

Dr. Lubna Umar

Assistant Professor

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4 Dr. Furrakh Abbas

Assistant Professor/Program Coordinator

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DEPARTMENT OF HISTORY



Dr. Kishwar Sultana
Chairperson



Introduction

The Department of History was established in 1995 as part of the Faculty of Social Sciences & Humanities. The Department of History occupies a prominent place in Allama Iqbal Open University. The aim of the Department is to uphold that position while offering broad range of courses at the under graduate, graduate and postgraduate level across Pakistan. M.Phil Program in History was launched in 2015, aims to provide rigorous training and preparation for doctoral studies. PhD Program in History was launched in 2017, being as advance research degree, provides an opportunity for students to produce an original academic research in their area of interest. This Program aims to cater the needs of faculty members working at educational institutions and general public at large. The Program is structured on flexible instructional design that would enable scholars to attain knowledge, complete

genuine research and be eligible for departmental promotions, in-service training, and research oriented jobs

PhD History Program

1. Objectives

- The major objective of the Program is to inculcate the sense of History and Historiography through research on local, regional and international History.
- The evolution in historical narrative stemming from historiography of Ancient Pakistan to British India (colonial India) from national politics to international recognition of its social, cultural and indigenous features will be highlighted through specialized study courses.
- The endeavors of Muslim leaders during freedom struggle will be focused.
- The courses on Modern world will be taught to cope up with the global situation around.

The scholars will be trained in art of writing history by participating facet of ace in dissertation-writing workshops..

Eligibility for Admission

The minimum entry requirements for admission to PhD History are:

1. MS/MPhil/ in History (18 years of education with research thesis) CGPA 3.0 out of 4.0 or Ist division (60% marks) with thesis is required.
2. The criteria of admission will be based on merit. A written test and interview will be conducted under the

auspice of the Departmental Admission Committee, Department of History AIOU Islamabad. The qualifying marks for the subject Test will be 60%.

3. A Merit list will be determined by the department according to the approved criteria.
4. All other rules and instructions applied by Allama Iqbal Open University from time to time will be implied.
5. A candidate will act as full time student of PhD program after depositing the prescribed fee (semester-wise) for the 1st semester of course work. In case of failure to deposit the fee as specified, the admission shall automatically be stand cancelled after due date.

Duration

The minimum duration of the PhD degree shall be six semesters (three years) and maximum duration shall be ten semesters (five years).

Course Work

The minimum period for completion of PhD course work shall be two semesters (one year) and maximum of four semesters (two years) provided the maximum period of five years is not affected.

Research Work

The minimum period to complete PhD thesis after confirmation of candidature (date of notification by Directorate of BASR) shall be three semesters provided the maximum period of five years is not affected. (Detailed information regarding thesis can be had from the Department).

Scheme of Studies

There will be 18 credit hours course work and 36 credit hours of thesis. Details are given below:

1st Semester:

Sr. No.	Code	Course	Credit Hours
1	7801	British India(1857-1947)-I (A Study of Primary Sources)	03
2	7802	Research Methodology (Theory and Methods)	03
3	7803	History of Modern Worlds in ce 1945 (China/Central Asia/Eastern Europe)	03

2nd Semester:

Sr. No.	Code	Course	Credit Hours
1	7804	Historiography: (Modern Trends)	03
2	7805	British India(1857-1947)-II (A Study of Urban Politics)	03
3	7806	History of Pakistan (1947-88)-I (Governance, Political Culture and Democracy)	03

3rd Semester

Sr. No.	Code	Course	Credit Hours
1	8216	Thesis – I	09

4th Semester

Sr. No.	Code	Course	Credit Hours
1	8217	Thesis – II	09

5th Semester

Sr. No.	Code	Course	Credit Hours
1	8218	Thesis – III	09

6th Semester

Sr. No.	Code	Course	Credit Hours
1	8219	Thesis – IV	09

FACULTY MEMBERS:

For guidance, student may contact the following faculty members of the Department of History, Block-9, AIOU Main Campus, Sector H-8, Islamabad.

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DEPARTMENT OF SOCIOLOGY



Prof. Dr. Abdul Aziz Sahir
Dean/Chairman



Introduction

The department of Sociology has been established in the year 1985 at the main campus AIOU-Islamabad. The department is part of Faculty of Social Sciences and Humanities at Allama Iqbal Open University and offers various programmes at undergraduate/graduate/post-graduate levels.

Since 1985 the department of Sociology is committed to empirically rich, conceptually sophisticated, and socially and politically relevant research and scholarship. Keeping the traditions of discipline of Sociology, the department aims to play a key role in developing new intellectual areas and addressing the social problems and ethical dilemmas that globalized societies face.

AIOU's Sociology department embraces a theoretically and methodologically diverse range of approaches. The department aims to provide a learning environment in which students are encouraged to think critically and independently.

The department invites students as research scholars in Sociology and from different social science disciplines to reflect upon the recent trends, concerns and interests. Being an old department at AIOU, we always offer students a vital space for intellectual and methodological innovation. Thus, our research students have been playing a critical role in developing new approaches in previous years and will contribute to the growth of discipline. Based on the current composition of our faculty, we invite students working on diverse topics including:

Sociology of Education, Political Sociology, Urban Sociology, Sociology of Folklore, Popular Culture, new innovations in Sociological Theory and Method, Historical Sociology, Gender and Sexuality, Social Stratification, Social Movements, Violence and Conflict, Globalization, Population and Development Studies, Social Change, among others.

Vision and Mission of the department

Vision: To promote intellectual development and facilitate life-long learning to have impactful engagements in the communities.

Mission: To provide a vibrant academic environment to enhance students' skills and knowledge in the field of sociology where classical and modern sociological theories are harmonized with empirical methods of social research. It is also aimed to inculcate reflective thinking for the scientific analysis of social problems.

MPhil Sociology

Overview of MPhil program

Sociology is the investigation of human behavior in the social context. It studies the composition, organization, culture, norms and development of societies. It integrates knowledge from economics, political science, psychology, history, and art to understand human social existence from the scientific and humanistic perspective. Societies are living organisms, constantly experiencing and adapting to technologic, atmospheric, economic, demographic, and dogmatic changes, and sociologists are at the heart of this process of human evolution, making sense of the past and directing the future.

A sociologist inspects the manners by which the types of social structure; gatherings, associations, networks, social classifications, (for example, age, sex, class, or race), and different social foundations, (for example, family relationship, financial, political) influence human demeanors, activities, and opportunities.

Linking theoretical knowledge to its application in the field is a significant feature of MPhil Sociology. All courses include a two-week workshop in which eminent professionals from the government and non-government sectors, think tanks, research intensive centres are invited to deliver lectures and share their experiences from the field with participants. These workshops allow our students to gain from the knowledge and experience of field experts enhancing both their compatibility in the job market and capacity to navigate successful careers in their field of choice.

Learning Objectives:

- To enhance students' understanding regarding human diversity in the political-economic, socio-political, socio-cultural, and socio-ecological forces that influence the process of social change and development.
- To understand, critique, and be able to note research applications of insights from the sociological theories
- To prepare future scholars of sociology abreast with different sociological paradigms and social research methods that effects the thinking process of a sociologist and ultimately his/her contribution for social development.

Learning outcomes (LOs)

Students will be able to:

- Develop an ability to apply modern social theories to substantive research topics in the discipline of Sociology.
- Develop analytical abilities and writing skills which will enable students to make a significant contribution to their chosen career.
- To engage in a purposive dialogue with dominant centers of knowledge, typically associated with the West, and new emergent perspectives from other parts of the world.

Eligibility for Admission

Candidates having 16 years of education (MA / M.Sc) or 4 years (BA/B.Sc) in Social Sciences (Sociology, Anthropology, Gender Studies, Pak. Studies, Criminology, Social Work, Population Studies, Public Health etc.) can apply for the admission in MPhil.

However, in case of a large number of applications, initial short listing of applicants will be made by the admission committee of the department, and preference will be given to those candidates who have passed all degrees with *first division* or at least first division in MA/M.Sc. or BS 4 years of education or equivalent. Prospectus and admission forms can be downloaded from the university website. All applications are evaluated on the basis of approved criteria.

1. A departmental test/subject test will be arranged for the eligible/short-listed candidates
2. Merit will be determined by the Department of Sociology according to the approved criteria.
3. Only short-listed candidates will be called for interview.
4. The Department enrolls a limited number of students to the program.
5. After selection of merit student can deposit admission fee through voucher downloaded from their OAS portal.

Program Duration

Minimum and maximum time duration/semesters for the completion of Face to Face MPhil Program will be minimum of 2 years (04 semesters), maximum is 4 years (08 semesters) or as decided by university from time to time.

Credit hours: 36 credit hours

(24 Credit Hour Courses Work + 12 Credit hours Thesis)

Core Courses: 4 Courses (12 credit hours)

Elective Courses: 4 Courses (12 credit hours)

Thesis: 12 Credit Hours

Semester-wise break-up of the courses:

1st Semester

Sr. #	Course Title	Course Code	Credit Hours
1.	Sociological Perspectives and Theories	SOC 7501	3
2.	Social Philosophy	SOC 7502	3
3.	Youth and Development	SOC 7505	3
4.	Sociology of Human Rights	SOC 7506	3

2nd Semester

1.	Advanced Social Research Methods	SOC 7503	3
2.	Gender and Masculinity	SOC 7504	3
3.	Introduction to Globalisation	SOC 7508	3
4.	Sociology of Crime and Deviance	SOC 7510	3
3rd Semester	Thesis-1	SOC 8501	6
4th Semester	Thesis-2	SOC 8502	6

FACULTY MEMBERS

- 1. Prof. Dr. Abdul Aziz Sahir**
Dean/Chairman

Dr. Syed Imran Haider
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Dr. Asma Khalid
Assistant Professor
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- 4 Dr. Nasim Khan Mahsud**
Assistant Professor
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- 5. Ms. Aleena Said**
Lecturer
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DEPARTMENT OF BUSINESS ADMINISTRATION



Dr. Muhammad Majid Mahmood Bagram
Chairman



The Department of Business Administration was established in 1986 to impart managerial education and skills in the discipline of Business Administration. Since its inception, the Department has made tremendous progress towards achieving its goal of becoming a center of excellence in the discipline of Business Management. The Department has assembled outstanding teaching faculty and developed extensive teaching material for the improvement of education in Pakistan.

The department is offering BBA, PGD, MS Management Sciences and Ph.D. Business Administration. The department introduced the MBA Program revised as per the new guidelines of NCRC in Autumn, 2020. It is hoped that these programs would contribute significantly to the national goal of the development of professions equipped with modern business techniques. These programs are designed to provide an opportunity to upgrade your skills and enhance the professional qualifications of future managers. Further,

we believe that the graduates from this university would have recognition in the human resource market and enjoy a respectable status in public and private sector organizations, operating in Pakistan and abroad. The Department has well-qualified faculty members including Ph.Ds and MPhil/MS.

The department is offering various programs to achieve the following objectives:

- i. To prepare graduates for public and private sector organizations and to equip them to cater to the needs of a complex and changing business environment.
- ii. To encourage continuous learning and habitual receptiveness, explore new ways of identifying and dealing with opportunities and problems, to face future business challenges.
- iii. To provide the business students with bottom to-top management orientation skills, enhance their business skills and enable them to integrate theory business into practice in their daily lives.

MASTER OF BUSINESS ADMINISTRATION (MBA) PROGRAM

1. Introduction

The purpose of the MBA Program is to enable business and non-business students and professionals to better respond to organizational demands and to help them acquire the skills needed for managing themselves and meet organizational needs in a better way. The courses of the MBA are aimed at developing an understanding of the ways in which individuals and groups behave concerning an organization and have expertise in management. It also focuses on the way

organizations shape individual action and are in-turn shape society. The specialized courses of the MBA Program will enable the students to develop an understanding of the kind of organizations and to learn different skills appropriate to administrative tasks associated with these organizational types.

It is designed to enable students to develop knowledge and skills appropriate for them to effectively manage their activities with an organization. At the Department of Business Administration, the combination of theory and practice blended to formulate its Programs.

1. Program Summary

	For Non-Business Graduates	For Business Graduates
Program Duration	2 Years	1.5 Years
Program Credit Hours	60	30

2. Objectives

- i. To develop the business graduates as per the requirements of the public and private sector organizations and to equip them to cater to the needs of complex and dynamic business environments.
- ii. To provide the business students and professionals' bottom to-top management orientation, enhance their business skills, and integrate theory into practice in the professional lives.
- iii. To encourage continuous learning and habitual receptiveness, explore new ways of identifying and dealing with opportunities and problems, and face future business challenges.

3. Duration and Specializations

As per guidelines of HEC, the MBA will be spread over 4 semesters for non-Business graduates and 3 semesters for applicants with business education. The Program consists of 60 credit hours and 30 credit hours for non-business and business education holder applicants respectively. The minimum period required for its completion will be 2 years for applicants having non-business education and 1.5 years for applicants having business education while the maximum period will be 4 years. MBA is a program at 18 years of education will be offered on a face-to-face basis. However, the department reserves the right to offer it online keeping in view the situation.

5. Eligibility

Applicants having 16 years of education from any HEC-recognized institution with minimum 50% marks or equivalent CGPA would be eligible to apply.

6. Scheme of Studies

The details of courses and tentative semester-wise offering of courses in MBA Programs are as below. However, the department reserves the right to change its offering at any time, if desired so. The detail of courses and semester wise offering of courses is as under:

For Non-Business Graduates (2-Years):

The Department will reserve the right to offer any elective courses in a given semester. Students will complete 60 credit hours in total as per the scheme of studies provided by the department to fulfill the degree requirements.

Semester-I

Sr.#	Course Title	Course Code	Credit Hours
1.	Financial Accounting	5081	3

2.	Management Theory & Practice	5029	3
3.	Business Communication	5105	3
4.	Business Mathematics & Statistics	5058	3
5.	Marketing Management	5039	3

Semester-II

1.	Managerial Accounting	5083	3
2.	Business Research	5036	3
3.	Production & Operations Management	5033	3
4.	Consumer Behavior	5084	3
5.	Project Management	5047	3

Semester-III

1.	Financial Management	5042	3
2.	Organization Behaviour	5085	3
3.	Human Resource Management	5025	3
4.	International Business & Finance	5092	3
5.	Managerial Economics	5050	3

Semester-IV

Sr. #	Course Title	Course Code	Credit Hours
1.	Business Policy & Strategy	5082	3
2.	Elective – I		3
3.	Elective – II		3
4.	Elective – III		3
5.	Elective – IV		3

OR

1.	Business Policy & Strategy	5082	3
2.	Elective – I		3
3.	Elective – II		3
4.	Research Project	8565	6

Electives courses to be chosen and 2 additional elective courses in lieu of Research Project
List of Elective Courses

Sr. #	Course Title	Course Code	Credit Hours
1.	Corporate Finance	5053	3
2.	Investment and Securities Management	5099	3
3.	Analysis of Financial Statements	8551	3
4.	Behavioral Finance	5595	3
5.	Strategic Human Resource Development	8539	3
6.	Organizational Theory and Design	5095	3
7.	Human Resource Change Management	8542	3
8.	Industrial & Organizational Psychology	8596	3
9.	International Marketing	8527	3
10.	E-Marketing	8529	3
11.	Strategic Marketing	5093	3
12.	Strategic Brand Management	8548	3
13.	Financial Markets & Institutions	5086	3
14.	Marketing of Services	8528	3
15.	Distribution Channels	8530	3
16.	International Human Resource Management	8541	3
17.	Risk Management & Insurance	8546	3

18.	Retail Management	8549	3
19.	Islamic Banking	8552	3
20.	International Financial Management	8543	3
21.	Leadership in Organizations	5597	3

For Business Graduates (1.5 Years):

The Department reserves the right to offer any elective courses in a given semester. Students will complete 30 credit hours in total as per the scheme of studies provided by the department to fulfill the degree requirements.

Semester-I

Sr. #	Course Title	Course Code	Credit Hours
1.	Managerial Accounting	5083	3
2.	International Business and Finance	5092	3
3.	Production & Operations Management	5033	3
4.	Consumer Behavior	5084	3

Semester-II

1.	Financial Management	5042	3
2.	Business Policy & Strategy	5082	3
3.	Advanced Research Methods	5091	3
4.	Corporate Governance	8723	3

Semester-III

1.	Elective – I		3
2.	Elective – II		3
OR			
3.	Research Project	8565	6

List of Elective Courses

Sr. #	Course Title	Course Code	Credit Hours
1.	Corporate Finance	5053	3
2.	Analysis of Financial Statements	8551	3
3.	Organizational Theory and Design	5095	3
4.	Human Resource Change Management	8542	3
5.	Strategic Brand Management	8548	3
6.	Strategic Marketing	5093	3
7.	Financial Markets & Institutions	5086	3
8.	International Marketing	8527	3
9.	Marketing Services	8528	3
10.	E-Marketing	8529	3
11.	Distribution Channels	8530	3
12.	Strategic Human Resource Development	8539	3
13.	International Human Resource Management	8541	3
14.	Human Resource Change Management	8542	3
15.	Investment & Securities Management	5099	3
16.	Risk Management & Insurance	8546	3
17.	Retail Management	8549	3
18.	Islamic Banking	8552	3
19.	Industrial & Organizational Psychology	5596	3
20.	International Financial Management	8543	3
21.	Leadership in Organizations	5597	3

Assignments

The students will submit two compulsory assignments for

each 03 credit hours course to their resource person who returns the same after marking and providing necessary academic guidance.

Classes

MBA requires tutorials component (equivalent to 48 hours in each course) in this program. Attendance in classes is compulsory in this program. No relaxation on any ground will be provided to the students in this regard. However, depending on the situation, the Department of Business Administration reserves the right to offer these classes online. The classes will be organized to provide the students with proper guidance in course contents through intensive lectures, group discussions, etc. The schedule of classes will be chalked out by the Department and intimated to students well in time.

8. Evaluation Scheme

Component Assessment	Marks	Weightage in the Aggregate Result
Assignment No. 1	100	10%
Assignment No. 2	100	10%
Mid Term	100	30%
Final Examination	100	50%

For successful completion of each course the student will be required to qualify for each component.

To take the final examination, the student has to pass assignments and should have 75% attendance in the workshops.

The conditions to qualify each component are given below:

A minimum of 50% marks in assignments (aggregate).

A minimum of 50% marks in final written examination.

A minimum marks 50% in the mid-term Examination.

Viva Voce

Non Credit viva voce will have to be passed by every student after the completion of the course work.

Fee Structure for MBA Programs

Item	Fee
Registration Fee: (At the time of first admission)	Rs.1300/-
Admission Fee: (At the time of first admission)	Rs.2000/-
Per Credit Hours Fee	Rs.3260/-
Course Fee :(per course)	Rs.9780/-
Project Fee: (6 credit hours)	Rs.19,560/-
Project Evaluation Fee: (Once at the time of submission of Project)	Rs.19,560/-
Technology Fee (per semester)	Rs.800/-

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FACULTY OF SCIENCES



Prof. Dr. Sher Muhammad
Dean



The Faculty of Sciences forms an integral part of the university. Since its establishment in 1982 with five teaching departments, it has undergone major development changes. It now comprises nine teaching and research departments which are offering courses at the undergraduate and postgraduate levels to more than ten thousand students. The faculty operates under the basic guidelines of the University Act and on an “Education for All as Convenient” basis so that maximum students get benefit from its academic programs and educational facilities.

This principle has necessitated some structural changes in the non-formal mode, particularly at the postgraduate level, in the offering of theory courses and practical lab work. This conceptual adjustment has been quite successful, and many in-service students are benefiting from postgraduate study programs. Improvement in qualifications for a better life is a right of everyone and the faculty's programs meet this challenge by offering opportunities to all. A significant number of beneficiaries are those who cannot afford education in formal institutions due to a variety of reasons.

All the departments (Agricultural Sciences, Biology, Environmental Sciences, Chemistry, Nutritional Sciences and Environmental Design, Computer Science, Physics, Mathematics, Statistics & Engineering & Technology) of The Faculty of Sciences are running a variety of postgraduate technical, scientific, and professional programs successfully. The departments are equipped with computer labs for practical work, teaching, research, and instrumentation labs for analysis. The University is developing these labs through its resources. The Faculty of Sciences is thankful to the Vice-Chancellor for giving personal attention to the development of the Faculty of Sciences by providing generous amounts of funds and valuable guidance.

Around 80 highly qualified full-time faculty members are in the role of the Faculty of Sciences. Their role in the planning, designing and development of different courses, to meet students' needs, is vital. Faculty members also engage in imparting and supervising instructions so that high

standards are maintained. In addition, highly qualified and experienced Professors are also engaged on the contract or as part-time instructors, for postgraduate study programs. The University faculty is also offering academic positions under the tenure track system to attract the best minds in scientific and technological fields, as a full-time employee of the university.

Research is an integral part of postgraduate study programs MPhil and Ph.D. degrees in Agricultural Sciences, Chemistry, Computer Sciences, Biology (Microbiology and Molecular Genetics), Environmental Sciences, Nutritional Sciences and Environmental Design, Mathematics, Statistics and Physics. Rules and regulations for governing postgraduate study programs are those approved by the Higher Education Commission (HEC).

**Fee Tariff for
MSc Hons/MS/MPhil Programs Faculty
of Sciences**

Item	Rates
Admission Fee (at the time 1 st semester)	Rs.2000/-
Registration Fee	Rs.1300/-
Technology Fee per semester	Rs.800/-
Course Fee (3 credit hours)	Rs.9360/-
Fee for 12 credit hours' theory work (9360 x 4= 31680)	Rs.37440/-
Total Fee (First Semester)	Rs.41,540/-
Research Thesis fee in 3 rd Semester Lab Charges*	Rs.18720/- Rs.65050/-
Research Thesis fee in the 4 th Semester	Rs.18720/-
Thesis Evaluation Fee (at the time of submission of thesis)	Rs.37,440/-

***Note: Lab Charges Fee for the following programs only:**

1. Chemistry,
2. Microbiology and Molecular Genetics
3. Environmental Sciences
4. Agricultural Technology

**Fee Tariff for
Ph.D. Programs Faculty of Sciences**

Item	Rates
Admission Fee (at the time 1 st semester))	Rs.3350/-
Registration Fee	Rs.3350/-
Technology Fee per semester	Rs.800/-
Course Fee (per credit hours)	Rs.3900/-
Tuition Fee 3 credit hours Rs.11700 (11700 x 3 courses) = 35,100	Rs.35100/-
Total Fee (First Semester)	Rs. 42,600/-
Thesis Fee (in 3 rd , 4 th , 5 th , 6 th Semester)	Rs.35100/- Per semester
Thesis Evaluation Fee (at the time of submission of thesis)	Rs.140,400/-

The University reserves the right to change the fee tariff in the coming semesters. This can be done without any prior notice as deemed fit for the expected expenditure which is to be incurred on the semester-based academic and operational activities of the program.

DEPARTMENT OF STATISTICS



Prof. Dr. Irshad Ahmed Arshad
Chairman



The Department of Statistics was established in 1988 in the Faculty of Sciences, Allama Iqbal Open University. Since then, the faculty and students have shared a common goal of maturing the Department with sheer hard work and constant struggle. Statistical sciences have a significant impact on our lives and are a key to discoveries and innovation. Over time, with concerted efforts, the Department has grown to its full potential and is vigorously involved in participating in global efforts of driving a new era of growth, development, and productivity. Since our world is becoming more quantitative and data-focused, job opportunities in statistics are plentiful and projected to increase worldwide. Therefore, the alumni of the Department of Statistics have been working in various government departments and the private sector.

The vision of the Department is to impart quality education that focuses on collaborative learning through innovative teaching and research methodologies. It aims to create an environment that enables students to effectively engage in

making lasting contributions in diverse fields according to the rapidly changing demands of not only the home country but the entire globe. The Department is determined to further develop a state-of-the-art model of learning and research, which will benefit the masses across the board.

Academic Programs

The Department of Statistics offers the following degree programs. All these programs are approved by the Higher Education Commission, Islamabad.

- i. Ph.D. Statistics
- ii. MPhil Statistics
- iii. BS (4 years) Statistics

All the courses and programs are designed to meet the challenging statistical needs of life sciences, information technology, social sciences, and other allied disciplines. The course outlines of all level courses have been designed and updated recently after consulting the syllabi of national and international universities. It helps to strengthen the statistical concepts and logical thinking among our students.

Presently, these degree programs are offered at the main campus only. However, in the near future, the Department also intends to offer degree programs at regional headquarters.

PH.D. STATISTICS

Introduction

To meet the challenging requirements of today's fast-growing world, we are in desperate need of experts in the field of Statistics. By realizing the shortage of experts in Statistics, the Department of Statistics has planned to offer a Ph.D. in Statistics. Expert statisticians are not only needed in the area of education, but also in industry and research. The curriculum of the Program is designed in such a way that both the coursework and the research components are covered thoroughly.

Objectives

The main objectives of Ph.D. Statistics Program are:

1. To enhance the qualification of those who could not continue their education after MPhil Statistics.
2. To provide an opportunity for in-service people to improve their qualifications and get promotions in their respective departments.
3. To prepare quality teachers/researchers of Statistics at all levels or in equivalent positions in industry or government.

Eligibility

The candidates must have MS/MPhil Statistics Degree with minimum 3.0 CGPA out of 4.0 (in the semester system) or First Division with 60% marks (in the annual system). The Departmental Admission Committee will finalize the admissions after conducting the test and interview as per AIOU rules.

Scheme of Studies:**Semester 1**

Course Title	Cr. Hours
Elective- I	3 (3 + 0)
Elective -II	3 (3 + 0)
Elective -III	3 (3 + 0)

Semester 2

Course Title	Cr. Hours
Elective -IV	3 (3 + 0)
Elective -V	3 (3 + 0)
Elective -VI	3 (3 + 0)

Research Work

Semester	Course Title	Code	Cr. Hrs.
3 rd Semester	Thesis-1	8183	09
4 th Semester	Thesis-2	8184	09
5 th Semester	Thesis-3	8185	09
5 th Semester	Thesis-4	8186	09
Total Credit Hours of Research Thesis:			36

Scheme of Studies for Ph.D. Statistics List of Courses:

Sr. No.	Course Code	Course Title	Credit Hours
1	4761	Survival Analysis	3(3+0)
2	4763	Stochastic Processes	3(3+0)
3	4766	Response Surface Design	3(3+0)
4	4767	Recent Developments in Statistics	3(3+0)
5	4769	Advanced Topics in Regression and Econometrics	3(3+0)
6	4770	Advanced Topic in Statistical Inference	3(3+0)
7	9751	Actuarial Statistics	3(3+0)
8	9752	Statistical Theory for Extreme Events	3(3+0)
9	9753	Mixture Distributions	3(3+0)
10	9754	Applied Time Series Econometrics	3(3+0)
11	9755	Spatial Data Analysis	3(3+0)
12	9756	Generalized Logistic Regression	3(3+0)
13	9758	Multilevel Modeling	3(3+0)
14	9759	Mathematical Demography	3(3+0)
15	8000	Time Series Analysis and Forecasting	3(3+0)
16	8001	Applied Stochastic Models	3(3+0)
17	8002	Advanced Distribution Theory	3(3+0)
18	8003	Advanced Bayesian Inference	3(3+0)
19	8004	Generalized Linear Mixed Models	3(3+0)

The Department of Statistics will offer elective courses from the above list depending upon the availability of faculty.

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DEPARTMENT OF CHEMISTRY



Dr. Muhammad Sher
Chairman



The Department of Chemistry was established in March 1998. Its faculty consists of one Professor, two Associate professors, four Assistant Professor, three Lecturers and two Research Associates. The department has the most modern equipment/instrumentation in its teaching and research labs in the Science Block at AIU's main campus. These equipment/instrumentations include CHNS Analyzer, Thermal Analyzer, UV-Visible, Fluorescence and FTIR Spectrophotometers, GC-MS, HPLC, Atomic Absorption spectrometer, ICP-MS and Electrochemical System etc.

The department has developed all the courses for undergraduate, graduate, postgraduate and PhD levels following the guidelines provided by the Higher Education Commission (HEC). These courses are reviewed from time to time through the Committee of Courses to incorporate emerging modern trends in the subject. The Committee of Courses of the department has distinguished Professors and Scientists of the country as members besides departmental faculty. The Department has also signed MOU with the university of Rostock, Germany. By this MOU, our Ph.D. students get opportunity to do research work in Germany.

Moreover, department has also signed MOU with University of Kebangsaan Malaysia. This collaboration will be very useful for our MPhil and Ph.D. students.

At present, department of Chemistry is offering the following programs:

1. BS Chemistry (FSc based, ADS based and BSc based) Organic, Inorganic and Physical Chemistry Specialization.
2. MPhil Chemistry
3. PhD Chemistry

MPhil and PhD (Chemistry)

The Department of Chemistry is offering M. Phil Chemistry and Ph.D. Chemistry programs at the main campus, AIOU. Currently specialization is being offered in the field of Organic chemistry. Later, specialization in other branches of Chemistry will be offered.

1. Objectives

MPhil and PhD Chemistry programs are research-based degrees. The main objective of these programs is to inculcate a culture of research and innovation through high-quality work. The capacity to devise, design and conduct research that has real academic weight.

2. Eligibility

(a) MPhil Chemistry

A person holding M.Sc./BS (at least 2nd division or equivalent) in Chemistry is eligible to apply for admission to M. Phil Chemistry Program. Admission will be entirely on merit and restricted to the number of seats available. The department

will conduct a written test and interview for admission.

(b) PhD Chemistry

Candidates holding MS/MPhil or equivalent degrees in Chemistry with CGPA of 3.0 in the semester system or equivalent are eligible to apply for Ph.D. Program.

3. Scheme of Studies for MPhil Chemistry

- i. A student will have to complete a total of 24 credit hours of course work in the first and second semesters.
- ii. In the third & fourth semesters, students will conduct research and thesis on approved topics as per AIOU rules.
- iii. The minimum period to complete the research thesis shall be two semesters.
- iv. The maximum period for the completion of the M. Phil Degree program is four years (8 semesters) only.

List of MPhil Chemistry Theory Courses
Semesters: I & II

Course Code	Course Title	Credit Hours
1700	Medicinal Chemistry	3
1745	NMR Spectroscopy	3
1746	Advanced Heterocyclic Chemistry	3
1751	Advanced Organic Synthesis	3
1752	Advanced Stereochemistry	3
1753	Natural Products	3
1754	Reactive Intermediates in Organic Chemistry	3
1755	Organometallic Chemistry	3
1759	Structure Elucidation of Organic Compounds by Spectroscopy	3
1761	Organic Polymer Chemistry	3
1763	Chemistry of Primary Metabolites	3
1770	Plastic Materials	
1772	Theoretical background of Organic Lab. Techniques	3
1773	Organic Spectroscopy	3
1774	Homogenous Catalysis	3
7119	Advanced Photo Chemistry	3
7115	Computational Chemistry	3
Research Work (3rd & 4th Semester)		
8083	Thesis-1	6
8084	Thesis-2	6

Note: Any four courses will be offered in the 1st semester, subject to the availability of experts. In the 2nd semester any four courses from the remaining courses will be offered.

(b) Scheme of Studies for Ph.D. Chemistry

- Initially, the student is required to complete 18 credit hours of Ph.D. course work. After completions of course work, he/she has to pass comprehensive Examination.
- Besides the completion of Ph.D. coursework and other requirements, a candidate has to complete research work and thesis as per AIOU rules.
- For a Ph.D., the student has to complete all other formalities, prescribed by the Higher Education Commission.

List of Ph.D. Chemistry Theory Courses

Semesters: I & II

Course Code	Course Title	Credit Hours
1756	Organic Photochemistry	3 (3+0)
1757	Pericyclic Chemistry	3 (3+0)
1758	Reaction Mechanism	3 (3+0)
1762	Quantum Organic Chemistry	3 (3+0)
1765	Advanced Nuclear Magnetic Resonance (NMR) Spectroscopy	3 (3+0)
1766	Special Topics in Chemistry	3 (3+0)
1767	Mass Spectrometry	3 (3+0)
1768	Special Techniques in Organic Synthesis	3 (3+0)
1769	Theoretical Aspects of Spectroscopy	3 (3+0)
1789	Literature Review and Seminar	3 (3+0)
1799	Instrumental Methods of Analysis	3 (3+0)

Note: Any three courses out of the above-mentioned theory courses will be offered in the semester-I. In semester II any three courses from the remaining list will be offered, subject to the availability of expertise.

**Ph.D. Chemistry Research Work & Thesis
(Semester III – V)**

Semester	Course Code	Course Title	Credit Hours
3 rd Semester	8079	Thesis-1	9
4 th Semester	8180	Thesis-2	9
5 th Semester	8181	Thesis-3	9
6 th Semester	8182	Thesis-4	9

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DEPARTMENT OF COMPUTER SCIENCE (DCS)



Dr. Aftab Khan
Associate Professor/Chairman



Department of Computer Science is an established department under the Faculty of Sciences. The Department of Computer Science has developed curricula of academic programs at various levels to meet the national and international standards as defined by the Higher Education Commission. The curricula include PhD (Computer Science), MS (Computer Science), BS (Computer Science), BS (Information Technology), BS (Artificial Intelligence), BS (Data Science), Post Graduate Diploma (PGD) in CS, DS and Cyber Security. The department is equipped with the latest computer and hardware labs. We practice the multi-method teaching methodology i.e. face-to-face regular classes and the online methodology is practiced for PGD (CS, DS and Cyber Security) programs.

The facilities of Video/Audio Conferencing are also in use for lectures/consultations in research-oriented degrees. Department is actively involved in research and development in the following areas:

- Ubiquitous Computing
- Software Defined Networks
- Image/Video Processing
- Data Analytics/Big Data
- Data Science
- Artificial Intelligence
- Information Security and E-learning

PhD (Computer Science)

The PhD (Computer Science) program is offered at the Department of Computer Science, Main Campus Islamabad. It comprises of 18 credit hours of course work, followed by 36 credit hours of research work (Thesis). The PhD in Computer Science program at AIOU is a rigorous and advanced academic endeavor that provides students with the opportunity to delve deeply into the multifaceted world of Computer Science. This program is designed to cultivate exceptional researchers and scholars who will contribute to the cutting-edge advancements and innovations in the field. Through comprehensive coursework, intensive research, and collaborative mentorship, students in this program acquire profound expertise and critical thinking skills,

preparing them for influential roles in academia, industry, and beyond.

Program Objectives:

The objectives of the program are to:

1. Promote research excellence through original and impactful investigations in specific subfields of Computer Science.
2. Facilitate scholars with indigenous research and development projects for better training and education.
3. Encourage interdisciplinary collaboration for innovative problem-solving.

Eligibility:

A candidate is eligible to apply for admission in PHD (Computer Science) program having MS/MPhil (18 years) of education in Computer Science or in any other computing related discipline with research thesis and securing a minimum of:

- CGPA of 3.00/4.00 (Semester System) or
- First Division, 60% (Marks) Annual System

Scheme of Studies:

Semester 1

Course Title	Cr. Hours
PhD Elective- I	3 (3 + 0)
PhD Elective -II	3 (3 + 0)
PhD Elective -III	3 (3 + 0)

Semester 2

PhD Elective -IV			3 (3 + 0)
PhD Elective -V			3 (3 + 0)
PhD Elective -VI			3 (3 + 0)
3rdSemester	Thesis-1	8199	9
4thSemester	Thesis-2	8200	9
5thSemester	Thesis-3	8201	9
6thSemester	Thesis-4	8202	9

PhD Courses List (Elective):

The following is the list of elective courses for PhD (CS) course work.

Course Code	Course Titles	Credit Hours
7701	Software Development Tools & Processes	3
7702	Advanced Database System Design	3
7703	Advance Data Mining	3
7704	System Simulation	3
7705	Internet Systems and Application	3
7706	Topics in Video Computing	3
7707	Image and Video Compression	3
7708	Digital Image Processing	3
7709	Multimedia Systems	3
7710	Computer Animations in Education	3

7711	Philosophy of Cognition	3
7712	Educational Technology: Design & Evaluation	3
7713	Topics in Machine Learning	3
7714	Knowledge Engineering	3
7717	Computer Vision	3
7718	Data Analytics	
7715	PhD Research Seminar I Research Paper I	NC
7716	PhD Research Seminar II Research Paper II	NC
7726	Advances in Next Generation Networks	3
7727	Computer and Cyber Security	3
7728	Research Trends on AI	3
7729	Social Media Content Analysis	3

Note: PhD seminars will be delivered by students so that their program is effectively monitored. The department will monitor and make arrangements for this noncredit activity. Conference presentations will be encouraged

MS (Computer Science)

The MS (Computer Science) program is being offered at the Department of Computer Science, Main Campus, Islamabad. It comprises of 24 credit hours of course work, followed by 12 credit hours of research work (Thesis). This amalgamation of course work and thesis are meant to add professionalism among research scholars in the field of Computer Science. The AIOU uses the modern pedagogical methods for better learning of the students. Keeping in view of the technical requirements of the courses, the classes are mainly being held on face-to-face mode.

Program Objectives:

The objectives of the program are to:

- 1) Facilitate students to acquire knowledge, techniques and skills necessary to become practitioners in the field of Computer Science
- 2) Guide students to acquire research skills to be able to think creatively and critically for solving non-trivial problems.
- 3) Facilitate students to develop efficient solutions for real life problems with the acquired computing knowledge.

Program Features:

- 1) Regular classes at the main campus.
- 2) In-line with the Higher Education Commission recommendations.
- 3) Focused research areas
- 4) Support through Aagahi Learning Management System available.
- 5) Allied study materials being provided in soft form.

Eligibility:

Sixteen years of schooling or 4-year education (minimum 120 credit hours) after HSSC/F.A./FSc/Grade 12 or Equivalent shall be required for admission in the MS (computer Science) Program.

- Master's degree in Computer Science/Information Technology/Software Engineering (16 years).
- Four years' bachelor degree in Computer Science/Information Technology/Software Engineering (16 years) with minimum 120 credit hours.

Selection Criteria:

Candidate must have to qualify Test (Subject) being conducted and/or recognized by Department of Computer Science and will attain 50% marks (minimum). The short-listed candidates will be interviewed by the MS Admission Committee for merit-based final selection as per university rules.

Scheme of Studies:

Semester 1

Course Title	Credit Hours
Core-I	3
Core-II	3
Core-III	3
Elective-I	3

Semester 2

Course Title	Credit Hours
Core-IV	3
Elective-II	3
Elective-III	3
Elective-IV	3

Subtotal: 24 Credit Hours (Course work)

3rd & 4th Semester: Research Work

Code	Title	Credit Hours
CS 8501	Thesis-1	6
CS 8502	Thesis-2	6

Total: 36 Credit Hours

MS Courses List (Core):

Code	Course Title	Credit Hours
CS 7501	Theory of Computation	3 (3 + 0)
CS 7502	Advanced Algorithm	3 (3 + 0)
CS 7511	Distributed Systems	3 (3 + 0)
CS 7503	Research Study	3 (3 + 0)

CS 7516	Advanced Computer Architecture	3 (3 + 0)
CS 7505	Theory of Programming Languages	3 (3 + 0)

MS Courses List (Elective):

The following is the list of elective courses for MS (CS) course work.

Code	Course Titles	Credit Hours
CS 7507	Big Data Analytics	3(3+0)
CS 7520	Deep Learning	3(3+0)
CS 7521	Data Visualization	3(3+0)
CS 7522	Natural Language Processing	3(3+0)
CS 7508	Tools and Techniques in Data Science	3(3+0)
CS 7524	Applied Cryptography	3(3+0)
CS 7509	Network Transfer Protocol	3(3+0)
CS 7526	Integrated Services over Packet Network	3(3+0)
CS 7513	Object-Oriented Software Engineering	3(3+0)

CS 7518	Software Project Management	3(3+0)
CS 7519	Software Quality Assurance	3(3+0)
CS 7523	Software Engineering Laboratory	3(3+0)
CS 7525	Advance Topics in Software Engineering	3(3+0)
CS 7506	Advanced Computer Networks	3(3+0)
CS 7504	Distributed Databases	3(3+0)
CS 7512	Data Warehousing & Mining	3(3+0)
CS 7510	Information System Security	3(3+0)
CS 7514	Case Tools & Applications	3(3+0)
CS 7515	Advance Topics in DBMS	3(3+0)
CS 7517	E-Commerce Applications	3(3+0)

Conduct of Classes/Mode of Teaching:

Classes will be conducted at the main campus, Islamabad.

Assessment:

Course Work Assessment

The following assessment criteria are applied to MS level course work:

Continuous Assessment During Study Period		Final
Assignments/Quizzes	Mid-Term/Presentation/Workshop	
20%	30%	50%

Note:

- The Mid-Term/Presentation/Workshop will be defined by the teacher department concerned.
- The pass percentage in each component (continuous assessment and final Examinations) is 50%.

For further information, you may contact the department by email: dcS@aiou.edu.pk or by telephone 051-9575351

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DEPARTMENT OF NUTRITIONAL SCIENCES AND ENVIRONMENTAL DESIGN



Dr. Zaheer Ahmed
Chairman



Pakistan is a developing country, and it is the need of the hour to improve the standard of education in all disciplines especially in science and technology to better cope with the challenges of the 21st century. The Department was first established in 1981. During the last few decades the Department has developed a range of professional programs in Health and Nutrition, Environmental Design and Home Economics. Multipurpose teaching/ research labs for Food and Nutrition and Environmental Design programs have been set up to provide a comprehensive environment for imparting practical training and research at the main campus.

Aims and Objectives

1. To upgrade and update the skills & knowledge of professionals in various fields of applied sciences.
2. To prepare learners for the career-related disciplines considering the professional interests of individuals in the areas of Health, Food Science, Nutrition, Dietetics, Environmental Design and Home Economics.

3. To prepare the individuals/professionals for the development and gradation of a community & sustainable environment.
4. To enable the individuals to integrate and apply knowledge and skills of Basic Sciences, Home Economics & Applied Sciences for their professional development.

The Department has produced scientific/value-added and professional programs/courses in the areas of Health, Food & Nutrition, Home Economics and Environmental Design. The courses are now being offered at undergraduate, postgraduate, MS and Ph.D. level programs. Many of these courses are supported by audio-visual programs.

Currently the Department is offering the following programs:

1. Ph.D. Food and Nutrition
2. MS Community Health & Nutrition
3. MS Environmental Design
4. Postgraduate Diploma in Environmental Health & Safety
5. Postgraduate Diploma in Public Health & Nutrition
6. Postgraduate Diploma in Sustainable Environment Design
7. BS Human Nutrition and Dietetics
8. A range of courses at SSC and HSSC level

A. PHD FOOD AND NUTRITION

1. Introduction

The National Nutritional and Health surveys conducted so far revealed that Pakistani's vulnerable community i.e. women and children in particular are suffering from under nutrition consequently causing a number of other diseases.

One out of three children in Pakistan have been reported to be malnourished. An adequate nutrition contributes substantially to childhood development but often goes unrecognized. Malnutrition in childhood leads to impaired immunity and higher susceptibility to infection. In adults, malnutrition leads to diminished strength and lower mental activity. These in return, lower the manpower productivity and affect country's economic growth.

The health professionals during their basic five years training go through a heavy syllabus of medicine, surgery, and curative aspects with a little emphasis on Food and Nutrition. The need for application of nutritional knowledge arises more during their practice at various health outlets. Similarly, the Dieticians and Nutritionists have a little opportunity to enhance their knowledge and develop scholarship in the field of Food and Nutrition within Pakistan.

The purpose of PhD Food and Nutrition is to offer a need based research program that focuses on the research based prevention strategies of a wide range of avoidable nutritional problems. It focuses on in-service health professionals and nutritional experts involved in teaching postgraduate level programs committed to undertake good nutritional care for the community. In the beginning the program was partially funded by Department for International Development (DFID) & British Council under Higher Education Link (HEL) Program. Technical assistance and expert advice have been provided by the Center for Health and Nutrition Research, Nine Wells Hospital of University of Dundee, Scotland, UK.

2. Objectives

PhD Food and Nutrition is planned to achieve the following objectives:

1. To impart research based higher education in Food and Nutrition to people working in the field of Nutrition and Health.
2. To teach the skill of data collection, analysis and to draw conclusions on scientific grounds.
3. To upgrade the qualification of those who have completed their MS/MPhil in the relevant discipline.
4. To provide an opportunity to post-graduates working in different health departments/ organizations & teaching institutions to enhance their qualification.

3. Target Groups

This program is especially designed for;

1. Home Economists (Food & Nutrition) or equivalent working in different educational environments/ agencies/ organizations, aspiring to continue their studies for the attainment of a higher degree in the relevant field.
2. In-service medical officers holding master's degree in Community Health and Nutrition from AIOU.
3. In-service Dietitians holding master's degree in Community Health & Nutrition from AIOU.
4. Food Scientists holding MSc Honors degree in relevant discipline.

4. Eligibility Criteria

The minimum entry requirement for admission in PhD program shall be 18 years of schooling in the following subjects with CGP-3.0%/First division from HEC recognized institutions. **Admissions will be made according to the university policy and criteria laid down by Higher Education commission (HEC)/AIOU for PhD programs.** The following degree holders are eligible for admission in this program.

- MS/M. Phil Food & Nutrition (Home Economics)
- MS/M. Phil Human Nutrition
- MS/M. Phil Community Health & Nutrition (AIOU)
- MSc (Hons.) Food Technology (with the condition to study deficiency courses in one extra semester)

Note: The Department reserves the right to withhold admissions to the Program without any prior notice depending upon the number of applications received, resources and human power available within the Department.

Face to face compulsory teaching each week will be held at the main campus Islamabad only.

5. Scheme of Studies

- i. Initially, the student is required to complete 21 credits hours of PhD course work. After this period, he/she has to pass a comprehensive Examination.
- ii. Besides completion of PhD course work and other requirements, a candidate has to complete research work and thesis as per AIOU rules.

- iii. For a PhD, the student has to complete all other formalities, prescribed by the Higher Education Commission of Pakistan.

Course Code	Course Title	Credit Hours
Semester – I (12 Credit Hours)		
2762	Nutrition Through Life Cycle	3 (2+1)
2764	Principles of Nutritional Assessment	3 (2+1)
2791	Food Safety and Health	3 (2+1)
2792	Advanced Research Methods	3 (2+1)
Semester – II (09 Credit Hours)		
2766	Nutrition and Dietetics for Health Care	3 (2+1)
2767	Functional Foods (Updated/Revised)	3 (2+1)
2793	Advances in Food and Nutrition	3 (2+1)
Semester – III & IV (36 Credit Hours)		
8195	Thesis-1	9
8196	Thesis-2	9
8197	Thesis-3	9
8198	Thesis-4	9

B. MS COMMUNITY HEALTH AND NUTRITION

MS Community Health and Nutrition is a value-added degree for health professionals, it is a professional course for those who already have sound knowledge of Food and Nutrition and are working as Dietitians/ Nutritionists and Health Professionals in Health Organizations.

1. Objectives

The objectives of the programs are given as under:

- To promote the profession of Community Health, Nutrition and Dietetics.
- To provide opportunities for medical professionals to enrich their education in the field of nutrition and enhance their knowledge in this branch of preventive health.
- To provide guidance/educational opportunities to in-service dietitians and other health professionals engaged in planning and serving hospital meals.

2. Salient Features

Development of this program was initially facilitated by Kings College, London, U.K. in terms of the scheme of studies, course contents and write-up of the study material. It is offered as per the HEC criteria, in which teaching is centralized i.e., face-to-face. Qualified tutors in the related disciplines are identified and appointed for providing necessary guidance to the students of MS in Community Health & Nutrition.

3. Eligibility

Sixteen years of schooling or 4 years of education (130 credit hours) after HSSC/FSc/Grade 12 equivalent with at least second division equivalent CGPA in the relevant

discipline. Admissions will be made according to the criteria laid down by Higher Education Commission (HEC) for MS programs. The following degree holders are eligible for admission to this program:

- Bachelor of Medicine and Surgery (MBBS)
- BS/ MSc Food & Nutrition (Home Economics)
- BS/MSc Human Nutrition
- Bachelor of Dentistry and Surgery (BDS)
- B/D-Pharmacy
- BS/BSc (Hons) Food Technology.
- MSc Public Nutrition

4. Scheme of Studies

MS Community Health & Nutrition Program

Duration:	Minimum four semesters (two years)
Credit hours requirement:	36 Credit hours
Course Work:	24 credit hours
Research / Thesis:	12 credits hours

After the completion of course work, the students will be allowed to undertake research work in the community or in laboratories at AIOU. The minimum duration for submission of a thesis is two Semester (One Year).

Proposed scheme of studies for MS Community Health and Nutrition.

Semester-Wise Offering of Course (MS)

1st Semester

Sr. #	Course Code	Title of Course	Credit Hours
1	7581	Hospital Dietetics	3 (2+1)
2	7582	An Introduction to Human	3 (2+1)

		Nutrition	
3	7583	Functional Foods and Nutraceuticals	3 (2+1)
4	7584	Biostatistics for Public Health	3 (2+1)

2nd Semester

Sr. #	Course Code	Title of Course	Credit Hours
1	7765	Research Methods	3 (2+1)
2	7585	Applied Human Nutrition	3 (2+1)
3	7586	Food Analysis	3 (2+1)
4	7761	Community Nutrition	3 (2+1)

3rdSemester	Thesis-1	8085	6
4thSemester	Thesis-2	8086	6

List of elective courses for MS (CHAN):

The department can replace any of the above courses with the following courses depending upon the facilities and expertise available at the time of admission.

Sr. #	Course Code	Title of Course	Credit Hours
1.	1776	Dietetic Practice	3 (2+1)
2	1779	Computer Applications in Food and Nutrition	3 (2+1)
3	7587	Nutritional Epidemiology	3 (2+1)
4	7588	Food Safety	3 (2+1)
5	7764	Food Biotechnology	

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DEPARTMENT OF ENVIRONMENTAL SCIENCES



Dr. Sofia Khalid
Chairperson



The approval for the establishment of the Department of Environmental Sciences was granted by the Executive Council in February 1998. The department was initiated to create awareness and understanding of the knowledge and skills required for sustainable environmental management. The purpose of its establishment is to educate future generations and improvement of quality of life and welfare of human beings through research for the environmentally sustainable and socially equitable use of natural resources. The department is determined to provide quality education to its wards through scientific and project-based learning curricula.

The Department of Environmental Sciences is committed to educating its students for the sustainable development of society, ensuring economic stability with an eco-centric approach to development. Students from different fields can opt for environmental sciences not only as a degree of substantial market values but also for their personal development on important moral values of environmental stewardship, so they can contribute significantly to the achievement of a better and sustainable society.

The Department is continuously growing and flourishing both on quality teaching and research facilities to facilitate its students in better learning. Undoubtedly the current era is a modern new world of environmental challenges that questions the safety and stability of life on Earth. Through its developing labs and faculty, the Department of Environmental Sciences aims a holistic educational approach for the students to deal with the challenges of the modern era.

The Department is offering undergraduate and MPhil programs:

- i. BS Environmental Science 4- Years
- ii. BS Environmental Science (2.5 Years)
- iii. BS Environmental Science AD based (2 Years)
- iv. MPhil Environmental Science (2 Years)
- v. PhD Environmental Science (3 Years)

The Department has well -established lab facilities to foster the developing research ideas of the enrolled students, with competent faculty to guide them.

MPhil Environmental Sciences

1. Introduction

The Department of Environmental Science offers M. Phil Environmental Sciences (2 years) degree for graduates from versatile relevant fields.

2. Objectives

MPhil Environmental Sciences is research-based degree program that intends to:

- a. Foster novel ideas to achieve environmental sustainability.

- b. Capacity building of the students to address environmental challenges with scientific knowledge and technological advancements.

3. Eligibility

The minimum admission requirement for to MPhil will be the completion of Sixteen Years of Education in any of the given subjects, that is Environmental Science, Chemistry, Botany, Zoology, Geography, Geology (Earth Science), Biochemistry, Microbiology, Agriculture, Forestry, Horticulture, Entomology, Range Management, Public Health.

Any student seeking admission should have at least 50% marks in the previous degree program.

4. Scheme of Studies

- i. A student will have to complete a total of 24 CH of course work in the first and second semesters.
- ii. In the third & fourth semesters, students will conduct research and thesis (12 CH) on approved topics as per AIOU rules.
- iii. The minimum period to complete a research thesis shall be two semesters.
- iv. The maximum period for the completion of the MPhil Degree program is four years (8 semesters) only.

Semester-wise lay-out of courses

Semester I		
Course Code	Course Title	Credit Hours
BIO7501	Research Techniques and Instrumentation	3 (3+0)
ENVS 7501	Strategic Environmental Assessment and Management	3 (3+0)
BIO7503	Biosafety and security	3 (3+0)
ENVS 7502	Advances in Ecology	3 (3+0)

Semester II

	Course Title	Credit Hours
	Elective – I	3 (3+0)
	Elective – II	3 (3+0)
	Elective – III	3 (3+0)
	Elective – IV	3 (3+0)
Total Credit Hours for Course Work		24

Note: Any four courses will be offered in the 2nd semester, from the list of approved elective courses.

Research Work

Semester	Course Title	Course Code	Credit Hours
3 rd Semester	Thesis 1		6
4 th Semester	Thesis 2		6

List of Elective Courses

Course Code	Course Title	Credit Hours
ENVS 7503	Principles and Applications of Bioremediation	3 (3+0)
ENVS 7504	Wildlife and Forest Conservation	3 (3+0)
ENVS 7505	Climatology	3 (3+0)
ENVS 7505	Waste Management	3 (3+0)
ENVS 7506	Air Pollution and its Control	3 (3+0)
ENVS 7507	Environmental Microbiology and Public Health	3 (3+0)

ENVS 7508	Cell and Tissue Culture Technology	3 (3+0)
ENVS 7509	Edaphology	3 (3+0)
ENVS 7510	Limnology	3 (3+0)
ENVS 7511	Allelopathy	3 (3+0)
ENVS 7512	Plant Stress Physiology	3 (3+0)
ENVS 7513	Cleaner Production Technologies	3 (3+0)
ENVS	Applications of Remote sensing (RS) and Geographical Information System (GIS)	3 (3+0)
ENVS	Green Economy	3 (3+0)
ENVS	Global Environmental Challenges	3 (3+0)
ENVS	Global Environmental Politics	3 (3+0)
ENVS	Environmental Auditing	3 (3+0)

PhD Environmental Sciences**1. Introduction**

Environmental Sciences is a decision support sciences, which has emerged as a result of convergence of a wide range of disciplines, therefore, its scope is wide as inter and multi-disciplinary field of knowledge. Its ambit is as wide as environment itself. The PhD Environmental Sciences program is offered at Department of Environmental Sciences with the minimum duration for the Phd program shall be six semester (03 years) and the maximum duration of program shall be 10 semesters (05 years)/ as per AIOU policy.

Students will have to complete coursework in the first two semesters & then carry out research work in the last four semesters. Students have to complete 18 credit hours of coursework and 36 credit hours of research work. The minimum period for the completion of course work shall be two semesters (one year) and maximum four semesters (two years). A student can only start the research work after successful completion of 18 CH course work and as per AIOU policy and approval of research titles and supervisory committee.

2. Objectives

The PhD degree program in Environmental Sciences is proposed with the following objectives:

- To developing human resources equipped with skills needed to mitigate impacts of climate change and adapt necessary measures or attitude to contribute to development of sustainable life style in the society.
- To promote research that can open new opportunities for understanding and mitigating environmental problems of national and international concern, which is needed to take environmentally sound decisions on different projects, policies, or plans.

3. Eligibility

The PhD program shall be announced by the Director BASR as per admission calendar of AIOU.

The minimum admission requirement for PhD Environmental Sciences shall be completion of eighteen years of education in Environmental Sciences, environmental Studies, chemistry, Botany, zoology, Geography, Geology (Earth Sciences), Material Sciences, Sustainable Environmental Design, Environmental Design, Biochemistry, Microbiology, Agriculture, Forestry, Horticulture, Entomology, Range

management Veterinary Medicine, Medical Lab Technology, Public Health, Environmental Engineering. At least 60% marks in the previous degree program / as per HEC/AIOU policy. Candidates must have cleared HEC testing requirements for PhD i.e. either GRE, GAT/HAT or equivalent test by the university as per HEC policy. The criteria for admission and weightage of its component for PhD Environmental Sciences, academic qualifications research professionals written subject test and interview shall be as follows:

Academic Qualifications + Research + Experiences	50 (40+5+5)
Written Test	30
Interview	20

(Only those students will be called for interviews who secure more than 60% marks in the university written entry test.

4. Scheme of Studies

Semester I		
Course Code	Course Title	Credit Hours
	Elective – I	3 (3+0)
	Elective – II	3 (3+0)
	Elective – III	3 (3+0)
Semester II		
	Elective – IV	3 (3+0)
	Elective – V	3 (3+0)
	Elective – VI	3 (3+0)
Total Credit Hours for Course Work		18

List of Elective Courses for PhD Environmental Sciences

Course Code	Course Title	Credit Hours
ENVS 9501	Research Planning and Report Writing	3 (3+0)
ENVS 9502	Green Economy	3 (3+0)
ENVS	Advances in Biotechnology	3 (3+0)
ENVS	Advances in Virology	3 (3+0)
ENVS 9505	Alternative Energy Resources	3 (3+0)
ENVS 9506	Climate Change Adaptation and Mitigation	3 (3+0)
ENVS	Disaster Risk Management	3 (3+0)
ENVS	Occupational Health and Safety	3 (3+0)
ENVS	Remote Sensing and GIS	3 (3+0)
ENVS	Methods in Vegetation Ecology	3 (3+0)
ENVS	Invasive Plant Species	3 (3+0)
ENVS 9512	Greenhouse Gas Inventory	3 (3+0)
ENVS 9513	Hazardous Waste Management	3 (3+0)

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- 5. Syeda Zoya Kazmi**
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DEPARTMENT OF BIOLOGY



Dr. Rizwana Kausar
Assistant Professor



The approval for the establishment of the Department of Biology was granted by the Executive Council in February 1998. The objective of its establishment is to provide human resources/skilled personnel in various areas of Biology. Furthermore, the purpose is to educate future generations and improvement of quality of life and welfare of human beings through research for the environmentally sustainable and socially equitable use of natural resources. The Department is unique in imparting distance-learning and face-to-face education in Pakistan in the field of Biology. The mission of the Department of Biology is to educate students in various disciplines of Life Sciences including those who could not continue their education due to economic or job constraints.

The department is enriched with highly qualified regular faculty to fulfill teaching and research requirements. Well-equipped research and teaching labs are available in the Science Block at AIOU main campus to cater practical and research requirements. These equipment/instrumentations include Water Distillation Unit, Thermo cycler, Gel documentation system, Centrifuge, Biosafety cabinet, Autoclave, Microscopes, Spectrophotometer, SPAD chlorophyll meter, Microtome, Polyacrylamide gel electrophoresis (PAGE) apparatus, Horizontal Agarose gel electrophoresis apparatus, Ice Maker, ELISA etc.

The Department has developed all the courses for BS and M. Phil programs following the guidelines provided by the Higher Education Commission (HEC). The outlines of said courses are reviewed from time to time and are updated by incorporating recent trends in the discipline. At present, the Department is offering the following programs:

- i. BS Botany
- ii. BS Biochemistry
- iii. BS Microbiology
- iv. **M. Phil Program in “Microbiology & Molecular Genetics”**

MPhil Microbiology & Molecular Genetics

1. Objectives

MPhil program is a research-based degree. The main objective of this program is to enable students to develop scientific and technical expertise to use microbial resources and human genetic information for the betterment of mankind. The students will be equipped to design, conduct and present original research.

2. Eligibility

A person who has completed minimum Sixteen Years of Education in Biology, Microbiology, Biochemistry, Molecular Biology, Bio-Sciences, Botany (Plant Sciences), Zoology (Animal Science), Microbiology and Molecular genetics, Genetics, Bioinformatics, Biotechnology, Medical Lab Technology (MLT), MBBS/ BDS/ DVM, D-Pharmacy, from a recognized University is eligible to apply for MPhil “Microbiology and Molecular Genetics” program. He/she should have at least 50% marks in the last degree and no third division in relevant academic degrees/certificates. Admission will be entirely on merit and restricted to the number of seats available.

1. Scheme of Studies

- i. A student will have to complete total 24 CH of course work in the first and second semesters.
- ii. In the third & fourth semesters, student will conduct research and thesis (12 CH) on approved topic as per AIOU rules.
- iii. The minimum period to complete research thesis shall be two semesters.
- iv. The maximum period for the completion of M. Phil Degree program is four years (8 semesters) only.

Semester-wise Layout of Courses

1st Semester		
Course Code	Course Title	Credit Hours
BIO 7501	Research Techniques and Instrumentation	3 (3+0)
BIO 7502	Advanced Microbiology	3 (3+0)
BIO 7503	Biosafety and security	3 (3+0)
BIO 7504	Advanced Molecular Biology	3 (3+0)

2nd Semester		
	Course Title	Credit Hours
	Elective – I	3 (3+0)
	Elective – II	3 (3+0)
	Elective – III	3 (3+0)
	Elective – IV	3 (3+0)
Total Credit Hours for Course Work		24

Note: Any four courses will be offered in the 2nd semester, from the list of approved elective courses.

Research Work

Semester	Course Title	Course Code	Credit Hours
3 rd Semester	Thesis 1	BIO 8501	6
4 th Semester	Thesis 2	BIO 8502	6

FACULTY MEMBERS

1. Dr. Rizwana Kousar

Assistant Professor

Ph. 051-9575271

2. Dr. Sobia Kanwal,

Assistant Professor

Ph. 051-9575275

3. Dr. Saba Farooq

Lecturer

Ph. 051-9575284

4. Dr. Samar Naseer

Lecturer (On study leave)

Ph. 051-9057185

5. Ms. Zainab Syed

Lecturer

Ph. 051-9575283

6. Dr. Sadia Latif

Research Associate

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Department of Biology

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DEPARTMENT OF MATHEMATICS



Dr. Zahid Iqbal
Chairman



In June 2014, the Department of Mathematics & Statistics has been bifurcated as two independent Departments. The newly established Department of Mathematics had been shifted from the Research Complex, Science Block to Block No.07 and started functioning over there. Presently the department is offering courses in Mathematics at Secondary School Certificate (SSC), Higher Secondary School Certificate (HSSC) and Bachelor levels. Currently the Department is offering the following programs:

- Ph.D. Mathematics
- MPhil Mathematics
- BS Mathematics

MPhil Mathematics is in the pipeline after consulting the syllabi of national and international universities. It will strengthen the mathematical concepts of the candidates and will enhance their logical thinking. This program will also cater to the needs of information technology and other sciences disciplines.

MPhil Mathematics Program

To meet the challenging requirements of today's fast-growing world, we are in desperate need of experts in the field of Mathematics. By realizing the shortage of experts in Mathematics, AIOU has planned to offer MPhil in Mathematics. We need expert mathematicians not only in the area of education but also in industry and research. The curriculum of this program is designed in such a way that both the course-work and the research components are covered thoroughly. The expertise of distinguished mathematicians is hired to teach the students of the MPhil Mathematics Program.

1. Objectives

- To enhance the qualification of those who could not continue their education after MSc Mathematics through formal universities.
- To provide an opportunity to service people to improve their qualifications and get promotion in their respective departments.

- To produce quality teachers/researchers of Mathematics at all levels.

2. Summary of the Program:

Total Credit Hours	36 Credit Hours	Course Work	24 Credit Hours
		Research Work	12 Credit Hours
Minimum Duration	04 Semesters (02 Years)		
Areas of Specialization	i. Pure Mathematics ii. Applied Mathematics		

3. Eligibility

Candidates having BS/MA/MSc in Mathematics with minimum CGPA of 2.5/4 or 45% marks in the annual system from any HEC-recognized university.

4. Scheme of Studies:

Semester-I

Sr.#	Course Title	Course Code	Credit Hours
1.	Probability and Stochastic Processes	7753	3(3+0)
2.	Theory of Fluids	7732	3(3+0)
3.	Advanced Ring Theory	7741	3(3+0)
4.	Advanced Topology	7754	3(3+0)

Semester-II

1.	Optional-I		3(3+0)
2.	Optional-II		3(3+0)
3.	Optional-III		3(3+0)

4.	Optional-IV		3(3+0)
Semester-III	Thesis-1	8107	6
Semester-IV	Thesis-2	8108	6
Total Credit Hours			36

List of Optional Courses (Applied Math)

1.	Mathematical Techniques for BVPs	7733	3(3+0)
2.	Advanced Partial Differential Equations	7748	3(3+0)
3.	Advanced Analytical Dynamics-I	7736	3(3+0)
4.	Computational Fluid Dynamics	7744	3(3+0)
5.	Discrete-Time Finance	7760	3(3+0)
6.	Numerical Solutions of PDEs	7743	3(3+0)

List of Optional Courses (Pure Math)

1.	Theory of Group Actions	7731	3(3+0)
2.	Theory of Group Graphs	7742	3(3+0)
3.	Theory of Semi Rings	7740	3(3+0)
4.	Cellular Automata and Groups	7752	3(3+0)
5.	Fixed Point Theory	7735	3(3+0)
6.	Ordered Vector Spaces	7730	3(3+0)

FACULTY MEMBERS

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Associate Professor
Phone: 051-9575700
 - Dr. Irfan Mustafa**
Assistant Professor
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Assistant Professor
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 - Dr. Muhammad Faisal Iqbal**
Lecturer
 - Dr. Rizwan Salim Badar**
Lecturer
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FACULTY OF EDUCATION



The origin of the Faculty of Education pre-dates the university itself. The National Institute of Education was established in 1973 under the Federal Ministry of Education. It became part of the university in June 1975 as the Institute of Education in the Faculty of Social Sciences. The progressively extending functions of the institute brought the needs for structural change and in 1984 it got the status of Faculty of Education.

DEPARTMENTS OF THE FACULTY

Faculty of Education Comprises of the following Six Departments:

1. Distance, Non-Formal and Continuing Education
2. Educational Planning, Policy Studies, and Leadership
3. Early Childhood Education and Elementary Teacher Education
4. Secondary Teacher Education
5. Science Education
6. Special Education

Distance, Non-Formal Education and Continuing Education

The department was established in 1984 and was later renamed as Distance, Non-Formal and Continuing Education. This department offers PhD, M Phil and specialized courses in the B.Ed. 1.5 program. The department also offers B.Ed 4-years, B.Ed (ADE Based), certificate and diploma courses in literacy and non-formal education.

Educational Planning, Policy Studies, and Leadership (EPPSL)

The department was established in 1976 and was renamed as EPPSL in 2008. It offers programs in educational planning, management, and leadership. These programs are aimed at producing a managerial cadre of professionals for the educational institutions and organizations in the country. Programs of EPPSL include B.Ed., Postgraduate Diploma, MA (EPM), MPhil and PhD in Educational Planning and Management as well as online courses. The courses of these programs are in accordance with the field requirements of target personnel in the areas of educational planning, management, and leadership.

Secondary Teacher Education

The Department of Teacher Education was established in 1985 and was bifurcated into Secondary and Elementary Teacher Education Departments in July 2003. Its programs aim at imparting academic and professional knowledge and training to in-services and preservice teachers and scholars.

The programs/courses of this department comprise MA, MEd B.Ed (4 years) and BS Instructional Design and Technology as professional degree programs. The department also offers MPhil and PhD in Education, which are aimed to prepare highly skilled professionals and leaderships in the field of teacher education.

Early Childhood Education and Elementary Teacher Education

The Department of Elementary Teacher Education was established in 2003. In April 2008, the name of Elementary

Teacher Education Department was changed to Early Childhood Education and Elementary Teacher Education Department. The Department offers associate degree in education, Post Graduate Diploma in ECE, BEd (1.5 year), BEd (2.5), BEd (4 years), MPhil and PhD program, it also offers “Education” as subject at Matric, Intermediate and Graduate level. The department is planning to launch, BS (ECCE) and Certificate of Entrepreneurship in ECCE. The department also plans to offer non-credit research courses and postgraduate diploma for teaching in higher education.

Science Education

The Department of Science Education was established in 1988. The programs and courses of the department are mainly focused on education and training of mathematics and science teachers. Presently the department offers specialized courses in science education at undergraduate and postgraduate level. Specialized courses provide conceptual framework and insight into the teaching of science. The department offers BEd (4 year)BEd (2.5 year) and specialization of Science Education in BEd (1.5 year) and MEd. MPhil and PhD programs; in science education are also offered at the department.

Special Education

The Department was established in 1985. The department imparts education and training to teachers for the special children in four specializations namely visual impairment, hearing impairment, intellectual disabilities, physical disabilities, and mental retardation with particular emphasis to facilitate inclusive education. Parents of special children are

also admitted to these programs. Present programs/courses of this department comprise B.Ed (4 years), MEd, MA, MPhil and PhD in the field of Special Education.

All Programs of Faculty of Education are recognized by HEC.

Fee Tariff for PhD Programs

Faculty of Education

Sr. #	Items	Rate
1.	Admission fee (At the time of first admission)	Rs.3350/-
2.	Registration fee (At the time of 1st admission only)	Rs.3350/-
3.	Technology fee (per semester)	Rs.800/-
4.	Course Fee (3 credit hours)	Rs.9780/-
5.	Tuition Fee 9 credit hours (9090 x 3 courses) = 27,270	Rs.29340/-
6.	Total Fee First Semester	Rs. 36,840/-
7.	Thesis Fee: (in four installments) Rs. 29,340/- in Each Semester	Rs.117,360/-
8.	Thesis Evaluation Fee (at the time of submission of thesis)	Rs.117,360/-

Fee Tariff for MPhil Programs

Faculty of Education

Sr. #	Items	Rate
1	Admission fee (At the time of first admission)	Rs.2000/-
2	Registration fee (At the time of 1st admission only)	Rs.1300/-
3	Technology Fee (per semester)	Rs.800/-
4	Course Fee (3 credit hours)	Rs.5460/-
5	Fee for 12 credit hours (5460 x 4= 21840)	Rs.21840/-
6	Total Fee for First Semester	Rs.25,940/-
7	Research Thesis fee in 3 rd & 4 th Semester Each	Rs. 10920/-
8	Thesis Evaluation Fee (at the time of submission of thesis)	Rs.21,840/-

The University reserves the right to change the fee tariff in the coming semesters. This can be done without any prior notice as deemed fit for the expected expenditure which is to be incurred on the semester based academic and operational activities of the program.

DEPARTMENT OF DNF&CE



Dr. Muhammad Ajmal Chaudhary
Chairman, Department of DNF&CE



The department was established in 1984 and was renamed as Distance, Non-Formal and Continuing Education in 2008. It offers specialized degree programs/courses in Distance, Non-Formal and Continuing Education, Adult Education and Educational Technology at B.Ed, MA Education, MEd, MPhil, and PhD (MPhil based) in Education

Moreover, the department also provides on-the-job training in distance learning system to the academic staff of AIOU. Access to education is one of the fundamental rights of an individual, regardless of age, tribe, or social class. Non-formal education has been put in place to substitute formal learning in localities where people do not have opportunities to acquire formal education, as a way of providing access to education. The Department also offers Certificate & Diploma courses in Literacy and Non-Formal Education.

MPhil Distance and Non-Formal Education

i. Eligibility

Applicants for MPhil Education (Distance and Non-Formal Education) must possess the following qualification:

MA Education (at least 2nd division) **OR**
 MEd (at least 2nd division) **OR**
 MEd (at least 2nd division) **OR**
 BEd (4 Year) **OR**
 BS Education

Admission will be strictly made on a merit basis as per approved criteria.

ii. Program Structure

MPhil Education with specialization in Distance, Non-Formal and Continuing Education program comprises 24 credits hours course work and 12 credit hours thesis for MPhil.

Semester-1

a. Core Courses 12 Credit Hours

S. No.	Code	Courses	Credit Hours
1.	3701	Trends and Issues in Education	3
2.	3703	Trends and Issues in Distance Education	3
3.	3751	Advanced Research Method	3
4.	3748	Qualitative Research in Education	3

Semester-2

Students can take any two clusters from the following:

b. Specialization 12 Credit Hours

S. No.	Code	Courses	Credit Hours
1.	3726 3727	Non-Formal Education-I Non-Formal Education-II	3 3
2.	3728 3729	Adult Education -I Adult Education -II	3 3
3.	3730 3731	Educational Technology-I Educational Technology-II	3 3
4.	3732 3733	Distance Education-I Distance Education-II	3 3

Research Work (Total 12 Credit Hours in 3rd – 4th Semester)

Semester	Course Code	Title of Course	Credit Hours
3 rd Semester	8067	Thesis-1	6
4 th Semester	8068	Thesis-2	6

PhD Programs

PhD Admission Criteria

- i. Applicants holding MS/MPhil or equivalent, in the relevant area education, completed with minimum 30 credit hours of coursework and research thesis/ project; and achieved at least CGPA 3.0/4.0 or 1st Division will be eligible for applying in PhD program.
- ii. Application and processing fee along with copies of credentials will be uploaded online.
- iii. If a candidate wishes to apply in more than one specialization, he/she has to apply separately for each specialization/program. Short listing is done on the basis of subject specific criteria as mentioned in the sections below.
- iv. Merit will be determined based on educational qualification, experience, as well as score of subject test and interview conducted by the department.
- v. Selected candidates will be intimated by the Directorate of Admission with the advice to deposit fee according to the schedule.

Admissions in PhD are merit based as per criterion approved by HEC and University Statutory bodies.

PhD Distance and Non-Formal Education

Semester-1

Common Courses 9 Credit Hours

Sr. No.	Code	Courses	Credit Hours
1.	4802	Qualitative Research Design	3
2.	4803	Quantitative Research Design	3
3.	4793	Preparing Critique in Educational Research	3

Semester-2

Specialization Courses:

Student may take 02 specialization courses equal to 6 credit hours:

Sr. No.	Code	Courses	Credit Hours
1.	4771	Adult and Lifelong Education	3
2.	4773	Human Resource Management in Distance Education	3
3	4774	Comparative Education	3

Collateral Area

Each student will take 01 course from this area equivalent to 3 credit hours.

Sr. No.	Code	Courses	Credit Hours
1.	4776	Discourse Analysis	3
2.	4777	Emerging Trends in Pedagogy	3
3.	4783	Educational Leadership & Management	3

Research Work (Total 36 Credit Hours in 3rd – 6th Semester)

Semester	Course Code	Title of Course	Credit Hours
3 rd Semester	8147	Thesis-1	9
4 th Semester	8148	Thesis-2	9
4 th Semester	8149	Thesis-3	9
4 th Semester	8150	Thesis-4	9

At least one article is to be published before the viva voce exam as per HEC approved policy.

For any queries, please contact at the following address:

Chairman
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4. Dr. Tahira Bibi

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MANDATORY INFORMATION

- i. The certificates/degrees of AIOU are equivalent to any other recognized Board/University.
- ii. If an applicant of post-graduate/research level program does not receive any information regarding admission within ten days after appearing in test of admission, he/she should presume non-selected.
- iii. **A student already admitted to any program, or a specialization of a program shall not be allowed to transfer or to get admission to another program unless he/she formally postpones it till the completion of the new program or withdraws from the previous program.**
- iv. A course taken by any student cannot be change during the semester.
- v. **Admission to courses for both the Spring and Autumn semesters are generally offered in the months of January and July each year respectively. Examinations will commence in May and November respectively. The continuing students will Enroll online on AIOU website and deposit fee within due date.**
- vi. The fee shall not be refunded once paid for admission nor will it be adjusted for any other program.
- vii. On payment of the registration fee, each student will be issued a student Id. This Id must be quoted in all the future correspondence, course(s), code numbers and semester.
- viii. Study material shall be available on the university website for study and download purposes.
- ix. Rules and regulations framed, enhanced, and changed from time to time by the authorities, bodies of the university will be effective as deemed necessary. The student will have to abide by all such rules and regulations from the date of its implementation.
- x. A student who fails in continuous assessment component, he/she is not eligible to reappear but will be allowed to re-register for the same course at its next offering semester by the university.
- xi. It is the responsibility of the student to remain in touch with the department regarding the selected program.
- xii. After completion of a program successfully, a student must apply to Controller of Examinations for issuance of certificate/degree.
- xiii. The university reserves the right to change the contents of this prospectus without any prior notice as per university policy.
- xiv. In case of discrepancies in the name of student/ Father's name of the student or difference in name mentioned in his/her other educational certificates, the name on the Matric certificate of the student shall be considered as correct name. The Examination Department shall also issue a certificate/ degree in the said name.
- xv. In the case of provision of forged documents for admission, not only the admission will be refused/ceased to the applicant, but the fee deposited by him/her will also be forfeited. The university may proceed further in the matter as deemed appropriate.
- xvi. The Candidates having GRE (Subject) conducted by ETS with minimum of 60 percentile score or an

equivalent as per HEC policy be considered for admission in PhD programs and shall not have to appear in the departmental admission test conducted by the university.

- xvii. Efforts have been made to ensure the accuracy of the information contained in the prospectus. The university would, however, not be responsible for any errors or omissions. The university reserves the right to introduce changes, without any prior notice, in the information given, including additions, withdrawal or re-structuring of courses. Admission to the university is subject to the university's registration procedure.

PROCEDURE FOR DEPOSITING FEE

1. Applicants will deposit admission processing fee (Rs.500) in designated banks or through Telcos.
2. Eligible candidates for (**Merit Based Programs**) are required to deposit admission fee in any branch of the following banks:
 - i. First Women Bank Limited (FWBL)
 - ii. Allied Bank Limited (ABL)
 - iii. Muslim Commercial Bank (MCB)
 - iv. National Bank of Pakistan (NBP)
3. Fee can also be Deposited through Jazz Cash, Easy Paisa and Upaisa Mobile App/USSD String *786#, Retailer Agent, Franchise and Branches of Mobilink, Telenor and Ubank. For more details, please visit the university website.

Successful candidates are supposed to deposit their fee as per the procedure laid down by the university in the intimation.

Fee can neither be refunded nor be adjusted for future admission after finalization of admission.

CANCELLATION OF ADMISSION

Admission of already admitted student or a new candidate may be cancelled in accordance with University's Rules Regulation in the following circumstances:

- (a) In case the candidate is found guilty of having forged any of his/her degree or relevant documents presented to the University for Admission to MPhil/PhD program.
- (b) Disciplinary action against misbehavior/misconduct.
- (c) Plagiarizing
- (d) If he/she fails in fulfilling all the requirements of qualifying for the degree within the maximum time limit prescribed for the program.

Note: Beware that University has not authorized any person or private institute to collect payment/forms. All the students are instructed to deposit fee by themselves in designated bank branches. In case of any discrepancy in admission fee/admission form the University will not be responsible and the student will have to face the consequences.

ALLAMA IQBAL OPEN UNIVERSITY, REGIONAL NETWORK

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PUNJAB

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