

FINAL: 14-7-2021

PROSPECTUS

MPhil/PhD Programmes

SEMESTER: AUTUMN 2021



Allama Iqbal Open University, Islamabad

(All rights reserved with the publisher)

Semester Autumn 2021
Composed by..... M. Hameed Zahid
Printing Coordinator..... Dr. Sarmad Iqbal
Printer:..... AIOU H-8, Islamabad.
Publisher..... Allama Iqbal Open University, H-8, Islamabad.

CONTENTS

	<i>Page #</i>
1. Vice-Chancellor’s Message	1
2. ALLAMA IQBAL OPEN UNIVERSITY	2
3. Faculty of Arabic and Islamic Studies	3
MPhil Islamic Studies	5
PhD Islamic Studies	8
MPhil Arabic.....	17
4. Faculty of Social Science and Humanities	21
Department of Mass Communication	21
MPhil Mass Communication	22
PhD Mass Communication	26
Department of History	30
PhD History	30
Department of English	35
MPhil English	36
PhD English	41

	Department of Business Administration	45
	MBA	45
	MPhil Pakistan Studies	52
4.	Faculty of Sciences	55
	Department of Chemistry	56
	MPhil and PhD Chemistry	57
	Department of Physics	63
	PhD Physics	64
	MPhil Physics	68
	Department of Statistics	73
	MPhil Statistics	73
	Department of Mathematics	78
	MPhil Mathematics	78
5.	General Information	82
6.	Regulations for Refund of Admission Fee	83
7.	Important Telephone Numbers	83

**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 / 6 Semesters	7 Years*
2.	MS/MPhil/MSc (Hons)/MBA/COL MBA	2 Years / 4 Semesters	4 Years**
3.	MA/MSc (2 Years)	2 Years / 4 Semesters	4 Years
4.	BS (4 Years)	4 Years / 8 Semesters	6 Years
5.	Associate Degree (2 Years)	2 Years / 4 Semesters	4 Years
6.	Postgraduate Diploma (1 Year)	1 Year / 2 Semesters	2 Years
7.	Certificate (6 Months)	6 Months / 1 Semester	1 Year

*&** As per AIOU rules.

Vice-Chancellor's Message

Dear Student,

السلام عليكم

Welcome to Allama Iqbal Open University, the first distance education university in South Asia that provides cost effective education to 1.3 million students not only in Pakistan but also in Middle East. This university has the unique privilege of blurring temporal and spatial boundaries by providing education at the thresholds of the students. The university offers a diverse range of educational facilities, starting from basic literacy programs to the PhD level. The courses are regularly revised to bring them at par with international standards. The university offers maximum number of specializations at postgraduate level through four faculties, i.e. Faculty of Arabic and Islamic Studies, Faculty of Education, Faculty of Sciences, and Faculty of Social Sciences and Humanities. The university has a huge network of faculty members, tutors, resource persons, specialists and experts who strive hard to ensure that the programs offered by the university enable the students to become independent learners and critical thinkers. The university takes special measures to establish and strengthen research culture and prepare those individuals who can play an instrumental role in the process of progress and development of the country.



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

Prof. Dr. Zia Ul-Qayyum
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 of 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 door-steps 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 Autumn and Spring semesters. Undergraduate admissions are offered in both the semesters whereas postgraduates are offered once a year. The enrolled students are given course books especially prepared by the university on self-instructional principles. However, at post graduate level reprints of foreign books, allied material with university prepared study guides help students to polish their skills.

At present, the AIOU is offering programmes from Matric to PhD level in diverse disciplines from four faculties. The university has established study centres across the country,

where distance education students are provided necessary guidance by their respective tutors. Moreover, the university has established full time study centres, wherein the students of M Com, MBA (IT), MBA (Banking and Finance), BS (CS), etc. are being provided instructions, guidance and counselling through face-to-face mode of education.

Apart from curricular and extra-curricular activities during the academic year, the AIOU and its regional centres 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 standard for experiments and research. To meet the present day challenges, internet facility is also available in the student's hostel and the Central Library where computers have been provided to enable students to access latest information available through open source databases.

FACULTY OF ARABIC AND ISLAMIC STUDIES

INTRODUCTION:

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

OBJECTIVES OF THE FACULTY:

The Faculty was established:

1. To teach Islamic Studies from Matric to PhD levels as per contemporary requirements.
2. To teach Arabic language and literature from Matric to PhD 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 leading role in the interpretation of Islamic Teachings, according to the needs of contemporary Pakistani society.
6. To reconstruct Islamic Thought and defending Islam and Islamic identity of Pakistan at national and international forums.
7. To prepare Scholars of Islamic Studies who have the grasp on the different issues of the 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 opportunity of professional growth and development to the scholars of Islamic studies in general and in service personals in particular.
10. To develop linkage between different highly reputed institutions of Islamic learning in general and institutions of Muslim world in particular.
11. To create interfaith harmony and environment of dialogue between Islamic and other civilizations.

PROSPECTS OF THE FACULTY:

1. Faculty is providing education of Arabic & Islamic Studies to the large number of students.
2. The faculty has prepared a number of quality books on the different fields of Islamic Studies.
3. The faculty is able to produce high quality research work at MPhil and PhD levels with different specializations.
4. The faculty is regularly publishing its referred quality research journals Maarf-e-Islami, Seerah Studies & Arabic Research.
5. Some of the programmes of the Faculty are unique and not offered in any other Institution of Pakistan except AIOU such as ATTC, PhD & MPhil Islamic Studies with specializations.
6. MPhil Islamic Studies is a leading programme of the faculty and it has gained good repute in scholarly circles of Pakistan.

Programme Offered by the Faculty of Arabic and Islamic Studies

LIST OF THE PROGRAMMES

1. PhD Islamic Studies (General)
2. PhD Islamic Studies (with specialization in Quran & Tafseer)
3. MPhil Islamic Studies (General)
4. MPhil Islamic Studies (with specialization in Quran & Tafseer)
5. MPhil (Arabic Language and Literature)
6. MA Islamic Studies (General)
7. MA Islamic Studies with specialization in
 - i. Quran & Tafseer
 - ii. Hadith & Seerah
 - iii. Islamic Law & Jurisprudence
8. MA (Arabic Language and Literature)
9. Darse-e-Nizami Programme (Matric to BA)
 - Al Shahada al-Sanavia al-Aama
 - Al Shahada al-Sanavia al-Khasa
 - Al Shahada al-Aliya
10. Arabic Teachers Training Course (ATTC)
11. Al-Lisan-ul-Arabi
12. Various Courses of Islamic Studies from SSC to BA
13. Various Courses of Arabic from SSC to BA
14. BS Islamic Studies (to be offered in 2019)

DETAILS OF THE PROGRAMMES

a) MPHIL ISLAMIC STUDIES (GENERAL) PROGRAMME

1. PROFILE OF THE PROGRAMME

The Department of Islamic Thought, History and Culture is offering MPhil Islamic studies. This programme started in 1987. This is the most important & significant programme offered by the Department of Islamic Thought, History and Culture, AIOU. This programme is reputed as one of the best programmes 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 the foreign countries. Each year hundreds of candidates apply for admission and only few candidates are able to 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 programme require 2 to 4 year's time for completion. The student's complete coursework under the guidance of qualified Faculty members. This programme is designed to carry out research in different fields of Islamic Studies so that new dimensions of understanding of Islam can be explored. This programme provides to the scholars an opportunity of exercising independent critical judgment through the research skills for the service of Islamic & Muslim communities.

2. AIMS & OBJECTIVES OF MPHIL ISLAMIC STUDIES

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 better understanding of Islam and contemporary challenges faced by the Muslim Ummah.
- Provide opportunity of learning the methods of use of basic Islamic sources for the purpose of Islamization of contemporary knowledge and laws.
- Prepare scholars who have grasp on Islamic Studies in general and command over the area of specialization in particular.
- 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 of professional growth and development to scholars in general and in-service personnel in particular.

3. ELIGIBILITY FOR ADMISSION

Candidates having MA Islamic Studies or equivalent degree with minimum second division (in both MA Islamic Studies & BA) can apply for the admission in MPhil. However, in case of a large number of applications, 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.***

- 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 additional qualification.

- 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 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 equivalent certificate (by Name) from HEC.**

4. PROCEDURE FOR ADMISSION

The Admission in MPhil Islamic Studies is offered in Autumn Semester each year. The admission is announced in National and Regional newspapers each year. Prospectus and admission form can be downloaded from the university website. All applications are evaluated on the basis of approved criteria. *A departmental test/subject test will be arranged for the eligible/short-listed candidates.* The admission is confirmed after passing the subject test/ interview & depositing admission fee.

5. DEPARTMENTAL TEST/ INTERVIEW:

The departmental Test for admission and Interview of eligible/ short listed candidates will be held at AIOU Main Campus H-8, Islamabad. *The criteria for short-listing alongwith schedule of written test/interview will be displayed at the website of AIOU (www.aiou.edu.pk) & Facebook page of the department (www.facebook.com/Department-of-Islamic-Thought-History-Culture-AIOU) within 3 weeks after closing date of admissions. No. call letters will be sent to the candidates for Test/ Interview.*

6. IMPORTANT NOTICE:

1. The eligible candidates are required to bring along-with them all original educational documents/ degrees/ thesis/ research paper/ experience certificates (if any) for verification. Candidates are advised to provide attested copy of any of the testimonial that was not attached with the application form for verification/ identification.
2. Candidates will not be allowed to sit in the Written Test without showing I.D. Card. No TA/DA is admissible for Test & Interview.

7. SCHEME OF STUDIES:

S. No.	Name of Programme	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 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.

8. DETAIL OF COURSES

Semester	Sr. #	Course Title	Code	Cr. Hrs
1 st Semester	1.	Basic Sources of Islamic Sciences & Thought	6809	03
	2.	Principles & Methods of Research	6806	03
	3.	Ijtihad History, Principles & Methods	6807	03
	4.	Orientalism Critical Study	6808	03
2 nd Semester	1.	Islamic Thought, History & Culture: Principles & Methodology	6801	03
	2.	Islam and Modern Economic and Social Issues	6810	03
	3.	New Dimensions of Research in Islamic Sciences	6811	03
	4.	Principles, Methods of Islamic Fiqh & Objectives of Shari'ah	6812	03
3 rd & 4 th Semester	1.	Thesis	6805	12

9. FEE STRUCTURE

The fee structure of MPhil Islamic Studies is as under:

Sr. #	Nature of Fee	Amount	Description
1	Admission fee	Rs.1500/-	This fee will be paid with the fee of first semester
2	Registration fee	Rs.1000/-	Once at the time of Admission
3	Tuition fee for 12 credit hours course.	Rs.16800/-	(Rs.4200/- per 3 credit hours A Student can take 12 credit hrs in one semester
4	Technology Fee	Rs.500/-	Each semester
5	Total Fee for First Semester	Rs.19800/-	
6	Thesis Fee 12 Credits hours	Rs.16800/-	This fee is received in one installment
7	Thesis Evaluation Fee	Rs.5370/-	This fee will be paid at the time of submission of thesis

10. HOW TO APPLY FOR ADMISSION

The candidates who are interested in admission should follow following directions:

1. Please read the prospectus carefully.
2. Fill in all columns of online application form carefully and do not leave any column incomplete.
3. Affix your photo at the place provided for that purpose.
4. Attach following documents with the Application Form
 - i. Print Online Application Form
 - ii. Attested copy of CNIC
 - iii. Attested copy of Matric (SSC) Certificate
 - iv. Attested copy of Intermediate (F.A) Certificate
 - v. Attested copy of BA Degree and result Cards
 - vi. Attested copy of MA Degree and result Cards
 - vii. Attested copy of Al-Shada Al-Almiya and result Cards (if any) along with equivalence Certificate (by Name) by HEC.
 - viii. Attested copy of any proof of Arabic/English proficiency
 - ix. Copy of Hifz Certificate (If any)
 - x. Certificate of Research at MA Level (if any)
 - xi. Any other document you like to attach in support of your qualification
 - xii. Copy of published research papers (if any)

Note: Online Admission form complete in all respect must be sent on the following address:

Chairman/Programme Coordinator
Department of Islamic Thought, History & Culture
AIOU, Block No.12, Room No.102
Sector H-8, Islamabad. Phone No. 051-9057832
Email: dit@aiou.edu.pk

IMPORTANT NOTE:

a) Online Admission Forms should not be submitted in any bank etc. Forms submitted to any address other than the mentioned above will not be entertained.

b) PhD ISLAMIC STUDIES (MPhil BASED) PROGRAMME

1. PROFILE OF THE PROGRAMME

The Department of Islamic Thought, History and Culture has been offering PhD Islamic Studies. At present the Department is offering MPhil based PhD programme. The PhD students are required to complete specific course work & research work under the supervision of a qualified supervisor. This programme requires 3 to 5 years' time 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 required Criteria of HEC. This programme 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 OF PHD ISLAMIC STUDIES

The PhD Islamic Studies programme aims to:

- Prepare scholars who have grasp on Islamic Studies in general and command over the areas of specialization in particular.
- 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 of professional growth and development to scholars in general and in-service personnel in particular.

3. ELIGIBILITY FOR ADMISSION

- MPhil Islamic Studies or equivalent from any recognized university in first division or C.G.P.A 3.00.
- Departmental Test Interview by the PhD Admission Committee

4. PROCEDURE FOR ADMISSION

The Admission in PhD Programme is usually advertised in Autumn Semester each year, in almost all national and important regional newspapers. Prospectus and Admission Form can be downloaded from the university website. All applications will be evaluated on the basis of approved criteria. Short-listed candidates will be called for Departmental test and interview. The admission will be confirmed after depositing admission fee.

SCHEME OF STUDIES

Sr. No.	Name of Programme	PhD in Islamic Studies
1.	Duration	Maximum Seven Years
2.	Medium of Instruction	(i) Urdu (ii) English (iii) Arabic
3.	Coursework	18 CH Course Work
4.	Research work	The thesis of PhD must be 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.	Evaluation	As per amendments in AIOU rules & regulations, a PhD thesis is necessary to be sent for evaluation to three foreign experts from advanced countries.
6.	Pre Requisite of viva voce of PhD Islamic Studies	Unconditional approval from at least two foreign experts. Publication of research paper in HEC recognized research journal.
7.	Components of Coursework	1. Continuous Assessment 2. Mid-Term Exam 3. Final Examination 4. Comprehensive Exam

5. DETAILS OF COURSE WORK PhD

Semester	Sr. #	Course Title	Code	Cr. Hrs
1 st Semester	1.	Applied Research in Islamic Studies	6858	03
	2.	Principles & Methods of Interpretation	6859	03
	3.	Muslim Thinkers & Critical Study of Their Thought	6860	03
2 nd Semester	1.	Islamic Epistemology & Islamization of Knowledge	6851	03
	2.	Comparative Study of World Civilizations	6861	03
	3.	Challenges to Contemporary Islamic Thought and Possible Solutions	6862	03
3 rd & 4 th Semester	1.	Thesis	6870	36

6. FEE STRUCTURE

The fee structure of PhD Islamic Studies is as under:

S. No.	Nature of Fee	Amount	Description
1	Admission fee	Rs.2500/-	This fee will be paid with the fee of first semester
2	Registration fee	Rs.2500/-	Once at the time of Admission
3	Tuition fee for 3 credit Hour Course	Rs.7500/-	A student can take three courses (3 credit hour course each) in one semester
4	Student I.D card	Rs.100/-	Once
5	Library	Rs.700/-	Per Semester
6	Caution Money	Rs.2000/-	Refundable
7	Technology Fee	500/-	Per Semester
8	Total Fee for 1st Semester	Rs.30800/-	
9	PhD Thesis Evaluation Fee	Rs.34660/-	This fee will be submitted at the time of submission of PhD Thesis
10	Thesis Fee 36 Credit Hours	Rs.90,000/-	For 3 rd & 4 th Semester each

7. HEC APPROVED SUPERVISOR IN THE FACULTY

Following Faculty Members are included in the HEC's list of approved supervisors for PhD Islamic Studies.

1. Prof. Dr. Mohyuddin Hashimi

Dean/Chairman Department of Islamic Thought,
History and Culture, AIOU, Islamabad
Dean Faculty of AIS

2. Dr. Sanaullah Hussain

Chairman Department of Quran & Tafseer,
AIOU, Islamabad.

3. Dr. Samiullah Zubairi

Incharge, Arabi

4. Dr. Hidayat Khan

Chairman Shariah

5. Dr. Abdul Majeed Baghdadi

Assistant Professor Arabi

6. Dr. H. Haris Saleem

(Lec) Arabic

8. HOW TO APPLY FOR ADMISSION

The candidates who are interested to get admission should follow the following directions:

1. Please read the prospectus carefully
2. Complete all columns of online application form carefully and do not leave/skip any column incomplete.
3. Paste your photo at the place provided for that purpose.
4. Attach following documents with the online application form
 - i. Attested copy of CNIC
 - ii. Attested copy of SSC Certificate
 - iii. Attested copy of Intermediate (F.A) Certificate
 - iv. Attested copy of BA Degree and Result Cards
 - v. Attested copy of MA Degree and Result Cards
 - vi. Attested copy of MPhil Degree and Result Cards
 - vii. Attested copy of Shahadat ul Almia and result cards
 - viii. Attested copy of any proof of Arabic/English proficiency
 - ix. Copy of Hifz Certificate (If any)
 - x. Certificate of Research at MA Level (if any)
 - xi. Any other document you like to attach in support of your qualification
 - xii. Copy of published research papers (if any)

Note: Online Admission form complete in all respects must be sent on the following address:

Chairman/Programme Coordinator
Department of Islamic Thought, History and Culture
Room-102, Block-12, Allama Iqbal Open University
Sector H-8, Islamabad. Phone No. 051-9057832
Email: dit@aiou.edu.pk

DEPARTMENTS OF THE FACULTY OF ARABIC AND ISLAMIC STUDIES

The faculty of Arabic and Islamic Studies is divided into following academic departments:

1. Department of Quran and Tafseer
2. Department of Hadith and Hadith Science
3. Department of Islamic Thought, History and Culture
4. Department of Shariah
5. Department of Arabic Language and Literature
6. Department of Seerah Studies
7. Department of Interfaith Studies
8. Department of Islamic Economics

The detailed introduction of each department of the faculty is as under:

1. DEPARTMENT OF QURAN AND TAFSEER

The Department of Quran and Tafseer was established in 1999 in the Faculty of Arabic and Islamic Studies to meet the educational needs of masses at various levels ranging from Matric to PhD focusing on research based programmes in the field of Quran and Tafseer. The Department is presenting many valuable course books and producing scholars in the field of Islamic Studies with specialization in Quran and Tafseer. At present, the Department has offering MPhil & PhD programmes since Autumn, 2013. Department is producing & selecting valuable books and allied material for their students.

FACULTY MEMBERS

Sr. No	Name of The Faculty Member	Designation	Qualification
1.	Dr. Sana Ullah Hussain	Associate Professor/ Chairman	PhD Islamic Studies (with specialization in Quran & Tafseer) (IUB) MPhil Islamic Studies (with specialization in Quran & Tafseer) MA Usooludin (MPhil Islamic Studies), IIU BA (Hons), Usooludin
2.	Dr. Hafiz Muhammad Arshad Iqbal	Assistant Professor	PhD Islamic Studies MPhil Islamic Studies MA Islamic Studies (IUB) MA (Arabic) B.Ed, M.Ed
3.	Dr. Zafar Iqbal	Lecturer	PhD Islamic Studies MPhil Islamic Studies
4.	Dr. Muhammad Tayyab	Lecturer	PhD Islamic Studies MPhil Islamic Studies (IIU) MA (Arabic) BS Honours

VISION

To build Islamic Ummah streamlined with the message of Qur'an by presenting Qur'anic Sciences according to the teachings and vision of the holy Prophet Muhammad (SAW).

OBJECTIVES

1. To teach Quran & its Sciences.
2. To play active role in correct interpretation of Quran and its Sciences for the needs of society.
3. To prepare research scholars, equipped with all branches of Quranic Studies.
4. To develop linkage among different highly reputed national and International institutions of Quran and Tafseer.
5. To conduct advance research on different aspects of Quranic Sciences.
6. To prepare quality Textbooks and Study Guides in the field of Quran and Tafseer from matric to PhD level.
7. To organize national and international workshops/ seminars/ conferences about Quranic Sciences.

FUTURE PLANS

1. Planning to launch a Research Journal entitled "Quranic Studies".
2. Planning to start Non-credit course entitled "Quranic Arabic".
3. Planning to launch Post-doc in Quranic Sciences with collaboration of international institutions.

PROGRAMMES OFFERED BY THE DEPARTMENT

1. MA Islamic Studies with specialization in Qur'an & Tafseer
2. MPhil Islamic Studies with specialization in Qur'an & Tafseer
3. PhD Islamic Studies with specialization in Qur'an & Tafseer
4. BS Islamic Studies with specialization in Qur'an & Tafseer

2. DEPARTMENT OF HADITH & HADITH SCIENCE

This department was established to provide advance studies and research in the field of Hadith and Seerah. The department is also coordinating Matric to BA courses. The department is also offering courses of Hadith & Seerah specialization in MA Islamic Studies. A number of valuable books related to Hadith and Seerah have been produced by the department.

FACULTY MEMBERS

Sr. #	Name of The Faculty Member	Designation	Qualification
1	Dr. Muhammad Shahid	Incharge/ Assistant Professor	PhD Islamic Studies (UOS) MPhil Islamic Studies (IUB) MA Islamic Studies (BZU) Shahadat ul Almiya
2	Dr. Naveed Iqbal	Assistant Professor	Ph.D Islamic Studies M.Phil Islamic Studies

3. DEPARTMENT OF ISLAMIC THOUGHT, HISTORY AND CULTURE

This department was established to provide advance studies and research in the field of Islamic Thought, History and Culture. To achieve this goal, the department is offering graduate and postgraduate level programmes. The coordination of MA Islamic Studies programme as well as the MPhil Islamic Studies is also placed in this department.

FACULTY MEMBERS

Sr. No.	Name of The Faculty Member	Designation	Qualification
1	Prof. Dr. Mohyuddin Hashimi	Dean/ Professor/ Chairman	PhD Islamic Studies MS/MPhil (USA) MPhil Islamic Studies (AIOU) MA Islamic Studies(Peshawar) Shahadat ul Almia University Intensive English (Howard USA)
2	Dr. Ahmad Raza	Assistant Professor	PhD Islamic Studies MA Islamic Studies Shahadat ul Almiya
3	Dr. Hafiz Tahir Islam Askari	Assistant Professor	PhD Islamic Studies MPhil Islamic Studies MA Islamic Studies Shahadat ul Almiya
4	Mr. Ahmed Abdul Rehman	Lecturer	1. PhD Islamic Studies (Continue) 2. MS in Islamic Commercial Law 3. MS Shahadat ul Almia from Wafaq-ul-Modering

4. DEPARTMENT OF SHARIAH

The department of Shariah & Law has been established to conduct advance research in the field of Shariah. To achieve this goal, the department is offering advance level graduate and post graduate programmes. The Department is offering specialization in Islamic Law in MA Islamic Studies.

FACULTY MEMBERS

Sr. No	Name of the Faculty Member	Designation	Qualification
1	Dr. Hidayat Khan	Associate Professor/ Chairman	Post Doctorate (RUSI), London PhD Islamic Studies LLM Sharia and Law (IIU) LLB Honors in Sharia and Law (IIU)
2	Dr. Hafiz Rao Farhan Ali	Assistant Professor	PhD Islamic Studies (Fiqh) (NUML) Al-Shahada Al Almiyya B.Ed (AIOU) B.Com (PU)
3	Dr. Tahira Iffraq	Lecturer	PhD Sharia LLM (ICL) LLB (Hons) Sharia & Law (IIU)

4	Hafiz Moazzaum Shah	Lecturer	PhD Scholar Islamic Studies MPhil Islamic Studies (AIOU) MSc Economics (IB&F) IIUI BS (IB&F) IIUI Al-Shahada Al Almiyya
---	---------------------	----------	---

5. DEPARTMENT OF SEERAH STUDIES

This department newly established in 2018 to provide advance studies and research in the field of Seerah. The department is coordinating Dars-e-Nizami programme from Matric to BA. A research journal "Seerah Studies" is being published by the department. The department will soon offer its BS, MPhil and PhD programmes.

FACULTY MEMBERS

Sr #	Name	Designation	Qualification
1.	Dr. Moeen Uddin Hashmi	Chairman/ Associate Professor	PhD Islamic Studies MPhil Islamic Studies Al-Shahada Al Alimiya MA Islamic Studies
2.	Dr. Muhammad Rafiq Sadiq	Lecturer	PhD Islamic Studies BS (Hons) King Saud University, KSA MA Islamic Studies & Arabic BEd College of Education KSA Riyadh Shahada-tul-Almia from Wafaq-ul-Madaris

6. DEPARTMENT OF INTERFAITH STUDIES

This department newly established in 2018 to provide advance studies and research in the field of Interfaith. The department is preparing new programme BS, MS/MPhil & PhD and offer its soon.

FACULTY MEMBERS

Sr #	Name of The Faculty Member	Designation	Qualification
1.	Dr. Hafiz Muhammad Sajjad	Chairman/ Associate Professor	PhD Islamic Studies MPhil Islamic Studies MA Islamic Studies MA Arabic
2.	Dr. Hafiz Farooq Abdullah	Assistant Professor	PhD Islamic Studies MPhil Islamic Studies
3.	Mr. Hassan Baig	Lecturer	MPhil Islamic Studies MA Islamic Studies

7. DEPARTMENT OF ARABIC LANGUAGE & LITERATURE

Establishment:

The Department of Arabic Language & Literature is one of the pioneer Departments of the Allama Iqbal Open University, Islamabad (AIOU). Which came into being while AIOU was established in 1974.

Introduction

The Department of Arabic Language & Literature is the pioneer Department which was teaching by Radio & Television programmes since 1975. Arabic Department & AIOU was introduced by Pakistani Masses by its very first effort & most popular programme named: العربي سهل. It was making its broadcasting & non broadcasting programmes from 1975 to year 2000. Decades passed & presently it is running several programs i.e. MPhil in Arabic language and Literature, Masters in Arabic Language and Literature, Lughat-ul-Quraan, ATTC and B.Ed in Arabic, as well as Matric, Intermediate, Bachelors level Arabic Courses are introduced by the Department since 1974 While AIOU has credit of launching Arabic Teachers Training Programme (ATTC) in 1984, which is the pioneer programme of Pakistan in Teaching Arabic Language. However, BS 4 years and other Arabic learning programs have also launched from last academic session. The courses of M.A Arabic were also designed before with an emphasis on Arabic language & literature, social and economic thoughts along with religious education. Research in Arabic language and Literature is a regular feature of the Department since 2012, MPhil program in Arabic language and Literature has also been started since 2012 to produce scholars and researchers in Arabic literature.

The department is offering a wide range of courses in Arabic language from Matric to M.A, B.Ed., ATTC, SHORT ARABIC Courses and MPhil Level. PhD is to be launched soon, NOC in process). The existing staff of the department is two Assistant Professors and two Lecturers one research associate and other staff.

Objectives:

1. Promotion and Advanced Studies in Arabic Language & Literature
2. To be aware of the language and style of the Holy Quran.
3. Get acquainted with old Arabic poetry literature and modern poetry literature and its attributes.
4. To understand the Arabic alphabet & sound, to distinguish and pronounce all Arabic sound and write it accurately.
5. Be familiar with some of the differences between formal and spoken Arabic.

Future Plans:

- i. PhD Arabic (to be launched in Spring 2022 inshallah) offering of ATTC with collaboration of Al-Azhar university Egypt and with Palestine embassy internationally.
- ii. Establishment of center for Arabic language in AIOU (MOU is being signed with Egypt embassy) several Arabic Courses:
 1. Foundation Arabic Course (Approved)
 2. Diploma in Arabic (Approved)
 3. Arabic Online Course. (Approved)

4. Arabic for doctors
5. Arabic for engineers.
6. Arabic for workers.

Block No 10 Main Campus, H-8 Islamabad
Phone: 0519250148, 051-9057276

FACULTY MEMBERS

1. Dr. Sami Ullah Zubairi
In charge/Assistant Professor
Phone: 051-9057276, 051-9250148
2. Dr. Abdul Majeed Baghdadi
Assistant Professor
Phone: 051-9057791
3. Mr. Shakeel Ahmad
Lecturer
Phone: 051-9057803
4. Dr. Hafiz Haris Saleem
Lecturer
Phone: 0519057769
5. Ms. Nazia Gohar
Research Associate
Phone: 051-9057769

PROGRAMMES:

- i. B.S Arabic
- ii. M.A Arabic
- iii. M.Phil. Arabic

The department is offering short courses & detail of short courses is as under:

- Al Lisan Ur Arabi
- Arbi Bol Chal
- Lughatul Quran
- Arabic Teacher Training Course
- Arabic Courses for Matric, FA & BA Level Programs

The faculty of Arabic and Islamic Studies is divided into following academic departments:

1. Department of Quran and Tafseer
2. Department of Hadith and Hadith Sciences
3. Department of Islamic Thought, History and Culture
4. Department of Shari'ah
5. Department of Seerah Studies (newly established)
6. Department of Interfaith Studies (newly established)
7. Department of Arabic Language and Literature
8. Department of Comparative Religions
9. Department of Islamic Economics (newly established)

LIST OF THE PROGRAMMES:

1. Lughat-ul-Quran
2. Al'Lisan Al'Arabi
3. Arabic Conversation

4. Arabic (Matric)
5. Arabic (Inter-FA)
6. Foundation Arabic course (in progress) one semester
7. Diploma in Arabic (in progress) one semester
8. Arabic online course (in progress) one semester
9. Arabic (BA)
10. MA (Arabic)
11. MPhil Arabic
12. BS Arabic (4 years)

Professional Courses:

1. Arabic Teachers Training Course (ATTC)

MPHIL ARABIC PROGRAMME

1. AIMS AND OBJECTIVES

- Prepare scholars of research aptitude who can analyze facts in the light of research in Arabic.
- Enhance the skill of research and create better understanding of Islam and contemporary challenges faced by the Muslim Ummah especially in Arabic Language.
- Provide opportunity of learning the methods of use of basic Islamic Sources in Arabic for the purpose of Islamization of contemporary knowledge and laws.
- Prepare scholars who have a grasp of Arabic in general and command over the area of specialization in particular.
- Create good relations with Arabs through learning/ teaching of Arabic language & Literature.
- Establish a cadre of specialists and professionals in different fields of Arabic, who can conduct quality research in various disciplines of Arabic. Provide opportunities of professional growth and development to scholars in general and in-service personnel in particular.

2. ELIGIBILITY FOR ADMISSION

MA Arabic or equivalent with minimum 2nd division can apply for the admission in MPhil However, preference will be given to those candidates who have passed all degrees with first division in Arabic as elective subject.

- A significant weightage is given to the research thesis written for MA Arabic.
- Expertise in Arabic language and Hifz-e-Quran is also considered additional qualification.
- 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 are also considered in admission criteria.
- The graduates of HEC's approved Wifaq with the degree of Shahadat ul Almia can also apply for admission but they must have BA from any recognized University & Intermediate and SSC from any recognized Secondary and Intermediate Board.
- Department Test (Subject based which consists on especially from MA Arabic text books of AIOU) & Interview.

3. SCHEME OF STUDIES

Sr. No.	Name of Programme	MPhil in Arabic		
1.	Duration	Course work = two semesters (4+4 Courses of 3 C.Hrs each) = 24 C.Hrs Research Thesis: Two Semesters = 24 C.Hrs		
2.	Medium of instruction	Arabic		
3.	Research work/Thesis	1) The research work must be 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. 2) The student will be required to write the thesis in Arabic and observing the guidelines regarding format, writing, referencing, paper and other related matters as approved in AIOU rules & regulations.		
4.	Workshops	i) One-week workshop of each 3 credit hours in each semesters ii) Two weeks synopsis orientation workshop at the start of research work after the completion of course work.		
5.	Components of MPhil Arabic	S. #	Component	Weightage
		1.	Assignments	20%
		2.	Face to face teaching in shape workshops	10%
		3.	Final examination	70%

4. DETAILS OF COURSE WORK

A	Department			Faculty			Program Title	Mode	Offering Semester	Total Credit Hours	Duration					
	Arabic			Arabic & Islamic Studies			MPhil Arabic	Face to Face	Autumn	36	2 to 4 Years					
B	Sr. No.	Course Title	Course Code	Credit Hours	Study Package			Delivery Activities		Continues Assessment %	Final Assessment (%)			Remarks		
					Unit	Study Material	CDs		Face to Face Hours		Hours	Assignments	Workshops		Mid-Term Exam	Written Paper
							No.	Hours		Hours						
Semester-1	1	طرق البحث العلمي ومناهجه	3780	03	09	Study Guide	-	-	48	As per AIQU MPhil Rules	As per AIQU MPhil Rules					
	2	البلاغة علم	3781	03	09	-do-	-	-	48							
	3	دراسات تحليله للنصوص الشعرية	3782	03	09	-do-	-	-	48							
	4	مصادر الدراسات اللغوية	3783	03	09	-do-	-	-	48							
	S Total				12				48							
Semester-2	1	الأدب الإسلامي ورواده	3784	03	09	-do-	-	-	48							
	2	النقد الأدبي	3785	03	09	-do-	-	-	48							
	3	دراسات تحليله للنصوص النثرية	3786	03	09	-do-	-	-	48							
	4	مصادر الدراسات الأدبية	3787	03	09	-do-	-	-	48							
	S Total				12				180							

5. RESEARCH WORK

After the successful completion of course work, the student will have to do research relating to Linguistics or Literature under supervision of the approved supervisor at university level possessing PhD Degree in Arabic. This research shall be completed at least within one year (equal to two semesters)

6. FEE STRUCTURE

The fee structure of MPhil Arabic is as under:

Sr. #	Nature of Fee	Amount	Description
1	Admission fee	Rs.1500/-	This fee will be paid with the fee of first semester
2	Registration fee	Rs.1000/-	Once at the time of Admission
3	Tuition fee for 12 credit hours course.	Rs.16800/-	(Rs.4200/- per 3 credit Hours) A Student can take 12 credit hrs in one semester
4	Technology Fee	Rs.500/-	Each semester
5	Total Fee for First Semester	Rs.19800/-	
6	Thesis Fee 12 Credits hours	Rs.16800/-	This fee is received in one installment
7	Thesis Evaluation Fee	Rs.5370 /-	This fee will be paid at the time of submission of thesis

How to Apply for Admission

The candidates who are interested in admission should follow following directions:

1. Please read the prospectus carefully and fill all columns of Application Form carefully and do not leave any column incomplete.
3. Affix your photo at the place provided for that purpose.
4. Attach following documents with the Application Form
 - i. Attested copy of I.D Card
 - ii. Attested copy of Domicile Certificate
 - iii. Attested copy of Matric (SSC) Certificate
 - iv. Attested copy of Intermediate (F.A) Certificate
 - v. Attested copy of BA Degree and result Cards
 - vi. Attested copy of MA Degree and result Cards
 - vii. Attested copy of Shahadat ul Almia and result Cards (if any)
 - viii. Attested copy of any proof of Arabic/English proficiency
 - ix. Copy of Hifz Certificate (If any)
 - x. Certificate of Research at MA Level (if any)
 - xi. Any other document you like to attach in support of your qualification (ATTC)
 - xii. Copy of published research papers (if any)
 - xiii. Equivalence Certificate (if required)

Note: Admission form complete in all respect must be sent on the following address:

Dr. Samiullah Zubairi

Incharge / Programme Coordinator
Department of Arabic, Block-10, Room-105
Allama Iqbal Open University, H-8, Islamabad
Phone: 051-9057803, Email: 051-9250148

FACULTY OF SOCIAL SCIENCES AND HUMANITIES

First established in 1981 with five departments, the Faculty of Social Sciences and Humanities has, over the years, flourished to become, by far, the largest Faculty of the University. It, today, consists of fourteen departments offering masters programmes in major areas of Social Sciences and Humanities like, Business Administration, Economics, Mass Communication, Sociology, Gender and Women Studies, Urdu, Library & Information Sciences, History, Pakistan Studies, and Teaching of English as a foreign Language (TEFL). Additionally, efforts are afoot to plan and launch post-graduate programmes in Pakistani Languages and Law. The Commonwealth-collaborated master's programmes in the areas of Business and Public Administration, which are the specially tailored for the modern day busy executives, were launched in Spring 2002 semester.

In tune 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 has launched MPhil/PhD programmes in Iqbaliat, Urdu and Mass Communication, Pakistani Languages, MPhil in Economics, History and Pakistan Studies. MS in Business Administration, while preparation are being made to launch PhD in Business Administration, Applied Linguistics and History.

The Faculty of Social Sciences & Humanities also offers several bachelors' level programmes in such professional areas like Bachelors in Library & Information Sciences (BLIS),

BS-Business Administration, BS-Commerce and Mass Communication. Thousands of students comprising all demographic grounds from all over the country, enroll each year in these bachelor's level programmes.

The Faculty has expanded vitally and its programmes have gained a high popularity as is clear from rapidly rising trend of enrolment during the past decade. During the mentioned period under report, the Faculty accorded high priority towards quality improvements and to modify its programmes in accordance with the current challenges of 21st century.

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

DEPARTMENT OF MASS COMMUNICATION

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 programme in Mass Communication in 1988. It was the first ever bachelor's level programme in Mass Communication offered in the country. Students across the country are taking interest in the programme.

In 1997 the Department started its MSc Mass Communication Programme. 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 programme 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 Programme in semester Autumn 2014. The main objective of the programme 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 programmes, the Department also offers Post Graduates Diploma (PGD) and certificate courses in Journalism, such as Advertising and Public Relations in the University's Short Term Educational Programmes (STEPS).

a) MPhil Mass Communication

MPhil scheme in Mass Communication comprises twenty-four (24) credit hours of course work and twelve (12) credit hours of research project/thesis. The course work consists of Evolution of Mass Communication Research, Mass Media and Society (I & II), Foundations of Behavioural Research (I & II), Theories of Influence on Media Content and Media Effects and Advances in Theory and Research (I & II). This programme will make students learn the social phenomena of Mass Communication and urge them to independently investigate the mass media effects on society.

1. Duration of MPhil Programme

The minimum duration of M Phil Mass Communication is two years (four semesters) and the maximum duration shall be the maximum time period is four years.

2. Eligibility for Admission

The minimum entry requirement for admission to MPhil programme shall be Masters Degree in Mass Communication/ Journalism with second division 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 programme.
4. The Admission Department will inform the selected candidates for fee deposit.

3. Medium of Instruction

The medium of instruction and examination is English.

4. Scheme of Studies

There will be 24 credit hours course work and 12 credit hours of thesis. Details are given below:

5. Semester-Wise Course Offering

Semester	Course Title	Code	Credit Hours
1st Semester Autumn	Evolution of Mass Communication Research	6630	3
	Mass Media and Society-I	5761	3
	Mass Media and Society-II	5762	3
	Foundations of Behavioural Research-I	6632	3
2nd Semester	Media Effects: Advances in Theory & Research-I	5763	3

Spring	Media Effects: Advances in Theory & Research-II	5764	3
	Foundations of Behavioural Research-II	6634	3
	Theories of Influence on Mass Media Content	6635	3
3rd & 4th Semester	Research Project/Thesis	6636	12

6. Instructional Methodology

The following will be the instructional methodology:

i. Study Material

The university provides study materials during the first two semesters of course work.

ii. Classes

There is a series of mandatory classes in the beginning and end of each semester during the course work that provides an opportunity to the students to share their understanding of course content with fellow students. A special workshop is arranged during the third semester that requires students to develop and present draft proposals of thesis to the workshop participants.

iii. Assignments

Each course carries a maximum of 100 marks. There are two assignments for each 3-credit hours course. Assignments are written by the students after studying the required readings, recommended by the Department. These assignments are designed to enable them to relate their own ideas with the concepts covered in the required readings so as to facilitate the students in developing a thorough understanding of the subject. After completion, the students send these assignments on scheduled time to the tutor appointed by the university. The tutor returns the assignments to students after giving valuable comments, and marks.

iv. Thesis

A student is required to carry research work under the supervision of an advisor having PhD degree in the relevant field. There is an intensive workshop to discuss research proposals of the students.

7. Assessment System

Under Continuous Assessment (Assignments), a student has to submit Assignments to his/her tutor in the stipulated time mentioned in the assignment schedule. Passing marks of the assignments are 50 percent.

At the end of each semester, final examination will be conducted by the University for each Course. Students need 50 percent marks to pass the final examination; however, it is necessary for the students to obtain an aggregate of 50 percent (assignments + workshop + final examination) in each course. The ratio of marks of assignments, workshop and final examination is 20:10:70 respectively. The summary of assessment system is given below:

Assessment Component	Total Marks	Passing Marks	Weightage
Assignment – 1	100	50	20%
Assignment – 2	100	50	
Students will have to attend compulsory course workshop at the end of semester having 10 marks for each course			10%
Final examination	100	50	70%
Total Marks			100
Aggregate Passing Marks			50

8. Viva-Voce

After evaluation of the thesis student has to appear for viva-voce before the Research Project Committee (RPC) to defend his/her work.

9. Instructions for Thesis

i. Registration in Thesis

Students will submit research proposal/synopsis to the Chairman, Mass Communication Department according to the university's approved criteria. The Departmental Research Project Committee will recommend the students' research proposals/ synopses to the VC (AIOU) for approval after thesis orientation workshop. The committee shall also recommend the name of supervisor for students' research work.

- ◆ Thesis will be of 200 marks, (100 marks for evaluation of research work and 100 marks for oral examination.)
- ◆ The minimum period to complete the thesis is one year and the maximum period shall be two years provided the condition of maximum duration of five years shall not be affected. (Detailed information in this regard can be obtained from the Department on request).
- ◆ Students are advised to keep closely in touch with their respective supervisor and also with the Department for research activities and submit their progress reports to the Department intermittently.

ii. Thesis Evaluation Fee

Students will deposit fee in bank for thesis evaluation at the time of submitting the thesis to the Department.

iii. Plagiarization

In case a thesis is found to be a plagiarized version of some other thesis, research work, text, etc. published or unpublished, the student's candidature for M Phil shall be cancelled and he/she shall be debarred forever from admission to any programme of the university. In case the plagiarism is proved, after the award of M Phil degree, the degree shall be cancelled/withdrawn.

The M.Phil degree shall be awarded after the positive reports of external evaluators of the research report and the successful defence by the student in viva-voce. The Dean will forward the report of the Viva-Voce to the Controller of Examinations for notification and award of the degree.

iv. Format of Thesis

The students will be required to observe 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).

v. Research Candidacy

The Department will hold synopsis orientation workshop to identify the topic of research. The synopsis shall be prepared in accordance with the guidelines/format approved by BASR. The student shall submit a detailed research proposal in the third semester (after the completion of course work) and make a presentation before the Departmental Synopsis Committee.

Participation in the orientation workshop will be mandatory. The students shall be required to deposit the prescribed dues after approval of topic/symposia by the committee.

Please add link of University portal.

In case a student is not able to complete his/her research work during the minimum prescribed period of one year, he/she shall be required to pay fee equivalent to 3–credit hours per semester till submission of thesis for evaluation within the maximum time limit.

10. Fee Tariff

Registration Fee	Rs.1000/-
Admission Fee +Technology Fee +Courier Charges:	Rs.1500/-
Course Fee (3– Credit Hours)	Rs.4200/-
Thesis Fee (12 credit hours)	Rs.16800/-
Thesis Evaluation Fee	Rs.4725/-
Technology Fee (per semester)	Rs.500/-

11. General Information

Photocopy of the admission form and incomplete forms will not be entertained.

Admission to MPhil Mass Communication will be granted against limited seats strictly on the basis of merit and criteria as approved by the university. The university reserves the right not to start this programme if a viable group of students is not formed.

Only the selected candidates will be informed about the result of the admission. On receipt of individual admission intimation, the student will deposit the required fee according to the procedure as laid down by the university in the admission intimation letter.

Fee cannot be refunded once paid for admission nor can it be adjusted for any other programme. On payment of the registration fee, each student will be issued a registration number. The number must be quoted in all the future correspondence along with roll numbers, course(s) code numbers and semester. The students already having registration number need not to pay the registration fee. They should mention their registration number in the admission form.

During the semester the address of any student will not be changed, however, in real hardship, change of address will be considered if it is supported by a justifiable plea.

Rules, regulations framed, amended and changed from time to time by the authorities/bodies of the university will be applicable to all students. The students will have to abide by all such rules and regulations. These can be made available to students on demand.

It is the responsibility of the admitted students to remain in continuous contact with the department regarding academic activities of the programme. A student already enrolled to a programme or a specialization of a programme shall not be allowed to transfer his/her admission to another programme.

Admission to courses for the spring semester and autumn semester are generally offered in the months of February and August respectively. The continuing students are sent computerized admission forms. However, if for any reason, the student does not get the said form, he/she may get general admission form from any regional office of the university and send it to Director Admission of the university within the due date along with due fee deposited through bank challan slip.

12. Fee Depositing Procedure

Only on receipt of admission offer, the candidate would pay dues in accordance with the fee tariff as directed by the Admission Office.

13. How to Apply for Online Admission?

Candidates are required to create account online for admission and apply online through university portal.

www.aiou.edu.pk

For clarification about academic matters please contact on the following address:

14. Faculty Members

S.No.	Name & Designation	Contact No.
1	Dr. Saqib Riaz Chairman/Associate Professor	051-9057828
2.	Dr. Bakht Rawan Associate Professor	051-9057263
3.	Dr. Saadia Anwar Pasha Assistant Professor	051-9057283
4.	Dr. Shahid Hussain Assistant Professor	051-9057245
5.	Dr. Babar Hussain Shah Assistant Professor	051-9057823
6.	Dr. Asad Munir Lecturer	051-9057172
7.	Staff / Office	051-9057823-24 051-9250076

b) PhD IN MASS COMMUNICATION

PhD in Mass Communication involves 18 credit hours coursework 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 programme 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 programme has been designed to advance higher studies and research in Mass Communication enabling students to critically analyze the relationships between media and society.

Eligibility and Procedure for Admission

A candidate seeking admission in PhD Mass Communication shall apply on the prescribed form to the Chairman, Mass Communication Department after announcing the admission by the University. The minimum entry requirements for admission to PhD Mass Communication are:

- MPhil Degree in Mass Communication from a recognized university in first division or CGPA (3.0).
- Interview and test by the PhD Admission Committee.

As per rules passing marks in the subject GRE Test are 70 percent. Hence only those applicants will be short-listed for interview who score at least 70 marks in the test.

- (c) Admission of PhD will be notified by the Director Admissions after the receipt of admission dues.
- (d) Publication of research article(s) in HEC recognized journals will be given additional weightage in admission. (The Department grants admissions to a limited number of students purely on merit basis).

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 seven years is not affected.

Thesis

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

Details of Course Work of PhD

First Semester

Sr. #	Course Title	Code	Cr. Hours
1	International Communication and Globalization	6761	3
2	Media Debates	6762	3

3	Political Communication	6763	3
---	-------------------------	------	---

Second Semester

4	Content Analysis Research in Mass Communication	6764	3
5	Approaches to Mass Communication: Mass Communication Theories and Effects (Part one)	6765	3
6	Approaches to Mass Communication: Mass Communication Theories and Effects (Part two)	6766	3

Third Semester

Sr. #	Course Title	
7	Thesis	36 Credit Hours

INSTRUCTIONAL METHODOLOGY

The following instructional methodology will be adopted:

(i) Study Material

The University will provide guidelines on suggested readings regarding the courses.

(ii) Assignments

Assignment will be written by the students after studying the required readings recommended by the Department. These assignments are designed to enable them to relate their own ideas with the concepts covered in the required readings so as to enable them to develop through understanding of the subject. After completion, the student sends these assignments on scheduled time to tutor appointed by the

University. The tutor returns the assignments after giving valuable comment and marks.

(iii) Classes

There is a series of mandatory classes in the beginning and end of each semester during the course work that provides an opportunity for the students to share their understanding of course content with the fellow students and clarify their concepts of the course contents with the help of experts/resource persons.

(iv) Student Counseling

Students counseling is provided regarding academic matters through telephone, email, etc. by concerned Faculty Member.

(v) Synopsis Orientation Workshop

The department will hold a two-week Synopsis Orientation Workshop to identify the topics for students' research and develop the synopses for their PhD theses. The synopses will then be submitted to the Board of Advance Studies and Research (BASR) for approval.

Students shall submit detailed research proposals in the third semester (after the completion of course work).

Participation of the students in Synopsis Orientation Workshop will be mandatory.

(vi) Thesis

A student is required to carry out research work under a trained supervisor having PhD degree in the relevant field. Only those students will be given admission in theses who successfully pass the comprehensive examination.

ASSESSMENT

Students' performance in the PhD Mass Communication is evaluated as under:

(i) Assignments

Each course carries maximum of 100 marks. There are two assignments for each 3 credit hours course. The passing marks in the assignment is 50/100.

Fee Structure

Registration Fee	Rs.2500/-
Admission Fee	Rs.2500/-
Technology Fee +Courier Charges	Rs.500/-
Course Fee (3– Credit Hours)	Rs.7500/-
Thesis Fee (36 credit hours)	Rs.90,000/-

Distribution of marks:

(ii) Workshops

Students' activities in the workshop are thoroughly monitored and a weightage of 10% will be given to students according to their performance in the workshops.

(iii) Mid Term Examination

There will also be a mid-term examination for each course during the course work. The mid-term is usually held during the course workshops.

(iv) Final Examination

At the end of each semester, final examination will be conducted by the University for each Course.

Component	Weightage
Assignment	20%
Course Workshop	10%
Mid Term	20%
Final Exam	50%

(v) Comprehensive Examination

- (a) After successful completion of course work the students will appear in comprehensive examination.
- (b) Each PhD candidate will be given maximum of three chances to clear the comprehensive examination.
- (c) The minimum passing percentage in each component of a course shall be 50 percent.

(vi) Thesis Evaluation

- (a) On completion of PhD research, the student will be required to submit five spiral bound copies of the thesis to the supervisor.
- (b) Supervisor will send five spiral bound copies of the thesis to the Chairman with a signed certificate along with a duly filled in checklist provided by the University.

(vii) Public Defense

The PhD viva-voce will be an open defense. The topic, time and place of viva-voce will also be notified by Chairman of the Department on Notice Boards in the University as 59 an invitation to all those who want to attend the viva-voce.

CANCELLATION OF ADMISSION

Admission of already admitted student or a new candidate may be cancelled in accordance with University's 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 PhD programme.
- (b) Disciplinary action against misbehavior/misconduct.
- (c) Plagiarization
- (d) If he/she fails in fulfilling all the requirement of qualifying for the degree within the maximum time limit prescribed for the programme excluding the periods of deferment with the approval of the competent authority.

FEE DEPOSITING PROCEDURE

Only on receipt of admission offer, the candidate would pay dues in accordance with the fee tariff as directed by the Admission Office.

Note: No fee is required at the time of submission of the admission form.

HOW TO APPLY FOR ONLINE ADMISSION

Candidates are required to create account online and apply online for admission and apply online through online university portal.

www.aiou.edu.pk

DEPARTMENT OF HISTORY

PhD in History

1. 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 undergraduate, graduate and post graduate level across Pakistan. M. Phil Programme in History was launched in 2015, aims to provide rigorous training and preparation for doctoral studies. PhD Programme in History being as advance research degree, provides an opportunity for students to produce an original academic research in their area of interest. This programme aims to cater the needs of faculty members working at educational institutions and general public at large. The programme 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.

2. OBJECTIVES

- The major objective of the programme 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 face to face in dissertation-writing workshops.

3. ELIGIBILITY & PROCEDURE FOR ONLINE ADMISSION

A candidate seeking admission in PhD Programme shall apply by filling up a prescribed online admission form and submit to the Chairperson, Department of History after admissions announcement by the Allama Iqbal Open University.

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 70%.
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.
6. Admission of PhD scholar will be notified by the Director Admissions after the receipt of admission dues.

4. DURATION OF THE PROGRAMME

Duration

The minimum duration of the PhD degree shall be six semesters (three 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.

Thesis

The minimum period to complete PhD thesis after confirmation of candidature (date of meeting of BASR in which synopsis is approved) shall be three semesters. (Detailed information regarding thesis can be taken from the Department).

5. MEDIUM OF INSTRUCTION

The medium of instruction and examination will be English.

6. SCHEME OF STUDIES

The PhD in History Programme will comprised of 18 credit hours course work and 36 credit hours of research work.

Semester wise offering of courses will be as under:

First Semester

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

Second Semester

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

Third Semester

1	Thesis	7810	36
Total Credit Hours			54

7. INSTRUCTIONAL METHODOLOGY

The following will be the instructional methodology of the PhD Programme in History.

a) Assignments

Assignments are those written exercises which students complete while being at their homes and places of work after studying their reading material and attending the course workshop organized by the Department. These are designed in a way that students are able to relate their readings with their own objective judgments. The students will send two compulsory assignments for each 3 credit hours course to their tutors who will return the same after marking and providing necessary academic guidance.

b) Classes

1. The instructional modes shall include student and tutor face to face contact for approved prescribed period/scheduled teaching classes, video conferencing, email, internet, telephone coaching on prescribed schedules, broadcast and non-broadcast audio visual program etc.
2. The number of compulsory face to face teaching hours shall be 48 for each courses (3 credit hours).

c) Student Counseling

Students counseling is provided regarding academic matters through telephone, email, etc. by concerned Faculty Member.

d) Synopsis Orientation Workshop

The department will hold a two-week Synopsis Orientation Workshop to identify the topics for students' research and develop the synopses for their PhD thesis. The synopses will then be submitted to the Board of Advance Studies and Research (BASR) for approval.

Students shall submit detailed research proposals in the third semester (after the completion of course work).

Participation of the students in Synopsis Orientation Workshop will be mandatory.

e) Thesis

A student is required to carry out research work under a trained supervisor having PhD degree in the relevant field. Only those students will be given admission in thesis that successfully pass the comprehensive examination.

8. ASSESSMENT

The performance of scholars in PhD History would be evaluated as under:

i) Assignments

Each course carries maximum of 100 marks. There are two assignments for each 3 credit hours course. The passing marks in the assignment are 70% continuous assessment.

ii) Mid Term Examination

There will also be a mid-term examination for each course during the course work. The mid-term is usually held during the course workshops.

iii) Final Examination

At the end of each semester, final examination will be conducted by the University for each Course.

iv) Comprehensive Examination

- a) After successful completion of course work the students will appear in comprehensive examination (written exams and viva voce).
- b) Each PhD candidate will be given maximum of two chances to clear the comprehensive examination.
- c) The passing percentage in comprehensive exam shall be 70 percent; however, no grades will be awarded to the candidate.

v) Thesis Evaluation

- a) On completion of PhD research thesis the student will be required to submit five spiral bound copies of the thesis to the supervisor.
- b) Supervisor will send five spiral bound copies of the thesis to the Chairman with a signed certificate along with a duly filled in checklist provided by the University.

(vi) **Public Defense**

The PhD viva-voce will be an open defense. The topic, time and place of viva-voce will also be notified by Chairman of the Department on Notice Boards in the University as an invitation to all those who want to attend the viva-voce.

9. CANCELLATION OF ADMISSION

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

- a) In case the candidate is found guilty of having forged any of his/her degree or relevant documents submitted to the University at the time of Admission in PhD programme.
- b) Disciplinary action against misbehavior/misconduct.
- c) Plagiarization
- d) If he/she fails in fulfillment of all the requirement to be qualified to obtain degree within the maximum time limit prescribed for the programme excluding the periods of deferment with the approval of the competent authority.

10. FEE DEPOSITING PROCEDURE

Only after issuance of receipt of admission offer, the candidate would pay dues in accordance with the fee tariff as directed by the Admission Office.

Note: No fee is required at the time of submission of the admission form.

Fee Structure

Nature of Fee	Amount
Admission Fee This fee will be paid with the fee of first semester	Rs. 2500/-
Registration Fee Once at the time of Admission	Rs. 2500/-
Tuition Fee for 3 credit hours course = 7500 A student can take three courses of 3 credit hour in one semester (Rs.7500 x 3 =10845)	Rs. 22,500/-
Student ID Card Once	Rs. 100/-
Library Fee Per Semester	Rs. 700/-
Technology Fee	Rs. 500/-
Caution Money Refundable	Rs. 2000/-
Total Fee for first semester	Rs. 30,800/-
Thesis Fee (12 credit hours)	Rs.30,000/-
PhD Thesis Evaluation Fee This Fee will be submitted at the time of Submission of PhD Thesis	Rs. 54,075/-

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

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.

- 1. Dr. Samina Awan**
Chairperson/Professor
Ph: 051-9250073,
051-9057821
Email: samina.awan@aiou.edu.pk
- 2. Dr. Kishwar Sultana**
Associate Professor
Ph: 051-9057837
Email: kishwar.sultana@aiou.edu.pk
- 3. Dr. Abdul Basit Mujahid**
Assistant Professor
Ph: 051-9057822
- 4. Dr. Kausar Parveen**
Assistant Professor
Email: kausar.parveen@aiou.edu.pk
- 5. Ms. Sadia Aziz**
(MPhil)
Assistant Professor
Ph: 051-9057686
Email: sadia.aziz@aiou.edu.pk
- 6. Ms. Fozia Umar**
(PhD Scholar)
Lecturer
Ph: 051-9057686
Email: fozia.umar@aiou.edu.pk
- 7. Dr. Muhammad Sajid Khan**
Lecturer
Ph: 051-9057829
- 8. Office:**
Ph: 051-9250073, 051-9057821

DEPARTMENT OF ENGLISH

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 three programmes, one-year Post Graduate Diploma (PGD) in Teaching of English as a Foreign Language (TEFL), two-year Master of Arts (MA) in Teaching of English as a Foreign Language (TEFL) and four-year BS degree programme in English. These programmes were respectively initiated in 1985, 1988 and 2019. It is a unique pride of the Department that it not only initiated specific courses for the training of English language teachers for the first time in the country but also introduced its prestigious one-year Diploma TEFL and Diploma TEFL Teaching of English as an International Language in collaboration with the University Grants Commission (UGC) now HEC, Government of Pakistan in 1980s.

Based on a very realistic demand from the market and keeping in mind the popularity of higher degree programmes in English, the Department offered the following two prestigious programmes from Autumn 2020:

1. MPhil in English (with specializations in English Linguistics and English Literature)
2. PhD English in Linguistics

The main objectives to offer this MPhil programme (within the domain of two specialized fields: Linguistics & Literature) are to contribute to the capacity building of English language teaching (ELT) experts in the country and to explore and promote English literature through high quality research particularly focusing on current and future needs of the country. Secondly, 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 armed forces). Thirdly, ELT professionals from across the country have been demanding for the launch of this programme at the AIOU platform. In this regard, it is worth mentioning that there is a high number of ELT professionals working in the far-flung areas of the country who intend to enhance their professional qualifications, but they find hard to get enrolled due to very high fee structure for such programmes offered by public or private universities.

Other Objectives include:

- To enhance the overall quality of ELT in the country by promoting the culture of research in the fields of ELT and English literature.
- To address local issues related to applied linguistics (e.g., ELT) and provide viable solutions through research.
- To enable ELT professionals and policy makers (related to languages and literature) to make informed decisions based on research.
- To promote evidence-based ELT practices using relevant local and foreign research studies.
- To promote research culture (in general) and studies on Pakistani literature and regional languages (in particular) in the country.
- To endeavor to create new knowledge related to our regional languages and promote them nationally as well as internationally.
- To instill critical and analytical thinking in MPhil research students (in English).
- To improve soft skills of MPhil research students (in English).

- To provide a specialized manpower to the ELT and relevant job market.
- To explore English literature (written around the world) and promote literary taste among scholars.
- To promote skills such as translation and use it for the promotion of literature-based activities in the country.

MPhil English (with Specialization in Applied Linguistics & Literature)

Currently, the Department of English is offering MPhil degree programme in English with the following two specializations in Autumn 2021.

1. Applied Linguistics (English Language Teaching)
2. English Literature

MPhil scheme in English comprises twenty-four (24) credit hours of course work and twelve (12) credit hours of thesis. The course work consists of first semester together (combined) for the both specializations and second semester is separately planned for stream-specific courses equaling to 36 credit hours in total. See section 4 below for the details on the scheme of studies.

1. Duration of MPhil English Programme

The minimum duration of MPhil English is two years (four semesters) and the maximum duration shall be four years (08 semesters) as per HEC/AIOU rules.

2. Eligibility for Admission

The minimum entry requirement for admission to MPhil English programme is an MA in English/Linguistics/Applied Linguistics/

TEFL/TESOL/ELT (and other equivalent degree) with second division from any recognized University.

- i. Merit will be determined by the Department of English according to the approved criteria of the University.
- ii. Only short-listed candidates will be called for test/interview.
- iii. The Department enrolls limited number of students to the programme.
- iv. The Admission Department will inform the selected candidates for fee deposit.

3. Medium of Instruction

The medium of instruction and examination is English.

4. Scheme of Studies

Semester-wise course offering details of course work/research are given below:

1st Semester (Combined Semester)

S. No.	Course Title	Course Codes	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 (Stream-I Literature)

1.	Research Methodology	2816	3
2.	Shakespearian Studies	2820	3
3.	Contemporary American Literature	2824	3
4.	South Asian Literature	2818	3

2nd Semester (Stream-II Linguistics)

1.	Research Methodology	2805	3
2.	English Phonetics and	2806	3
3.	Phonology Applied Linguistics	2810	3
4.	Second Language Acquisition	2811	3

3rd& 4th Semester

1.	Thesis (Literature)/ Thesis (Linguistics)	2840/ 2830	12
----	--	---------------	----

5. Instructional Methodology

MPhil English programme is a regular face-to-face programme and the semester rules of HEC/AIOU will be applicable. The following will be the instructional methodology:

i. Study Material

The university provides study materials during the first two semesters of course work.

ii. Classes (Coursework)

A 3-Credit Hour course for each subject will be taught in main campus (Islamabad) within a period of 18-classes (weeks) including mid-term and final-term exams during each semester. Attendance in these sessions is compulsory. Students failing to attain 70% attendance will not be eligible to appear in the final examination.

iii. Assignments/Quizzes/Sessional Tests/Presentations

Each course carries a maximum of 100 marks. There are two assignments for each 3-credit hours course. Assignments are written by the students after studying the required readings recommended by the Department. These assignments are designed to enable them

to relate their own ideas with the concepts covered in the required readings to facilitate the students in developing a thorough understanding of the subject.

Assignments/Quiz/Sessional Test/Presentation for each 3-Credit Hour course will be given. Students will complete the tasks within the semester. The marks obtained in these assignments contribute to the final course result. For successful completion of the course, it is imperative to obtain a minimum of 50% marks in each assignment. Students failing in the continuous assessment will not be eligible to appear in the final examination.

iv. Thesis

A student is required to carry research work under the supervision of an advisor having PhD degree in the relevant field (as per relevant HEC/AIOU rules). There is an intensive workshop to discuss research proposals of the students.

6. Assessment System

Under Continuous Assessment (Assignments), a student must submit Assignments to his/her tutor in the stipulated time mentioned in the assignment schedule. Passing marks of the assignments are 50 percent.

At the end of each semester, final examination will be conducted by the University for each Course. Students need 50 percent marks to pass the final examination; however, it is necessary for the students to obtain an aggregate of 50 percent (assignments + workshop + final examination) in each course. The ratio of marks of assignments, Mid-term and Final-term examination is 20+30+50 respectively.

The summary of assessment system is given below:

Assessment Component	Total Marks	Passing Marks	Weightage
Assignments	100	50	10+10 = 20%
Assignments/ Class presentation	100	50	
Mid-Term Examination	100	50	30%
Final-Term Examination	100	50	50%
Total Marks			100
Aggregate Passing Marks			50

7. Viva-Voce/Thesis Defense

After evaluation of the thesis student must appear for viva-voce before the Research Project Committee (RPC) to defend his/her work.

8. Instructions for Thesis

i. Registration in Thesis

Students will submit research proposal/synopsis to the Chairman, English Department according to the university's approved criteria. The Departmental Research Project Committee will recommend the students' research proposals/ synopses to the VC (AIOU) for approval as per procedure. The committee shall also recommend the name of supervisor for students' research work.

- ◆ The approval of the topic and the supervisor will be at the discretion of Department. Each student will submit quarterly report duly signed by the thesis supervisor on the research work. The student

of MPhil English Programme will submit one research paper (accepted or published) in any conference or research journal as mandatory to their completion of their research degree.

- ◆ The minimum period to complete the thesis is one year and the maximum period shall be two years provided the condition of maximum duration of five years shall not be affected. (Detailed information in this regard can be obtained from the Department on request).
- ◆ Students are advised to stay in contact with their respective supervisor and with the Department for research activities and submit their progress reports to the Department intermittently.

ii. Thesis Evaluation Fee

Students will deposit fee in bank for thesis evaluation at the time of submitting the thesis to the Department.

iii. Plagiarization

In case a thesis is found to be a plagiarized version of some other thesis, research work, text, etc. published or unpublished, the student's candidature for M Phil shall be cancelled and he/she shall be debarred forever from admission to any programme of the university. In case the plagiarism is proved, after the award of M Phil degree, the degree shall be cancelled/withdrawn.

The M Phil degree shall be awarded after the positive reports of external evaluators of the research report and the successful defense by the student in viva-voce. The Dean will forward the report of the Viva-Voce to the Controller of Examinations for notification and award of the degree.

iv. Format of Thesis

The students will be required to observe 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 last semester of the coursework).

v. *Research Candidacy*

The Department will hold synopsis orientation workshop to help the students in topic selection and synopsis development. The synopsis shall be prepared in accordance with the guidelines/ format approved by the BASR. The student shall submit a detailed research proposal in the third semester (after the completion of course work) and make a presentation before the Departmental Synopsis Committee.

Participation in the orientation workshop will be mandatory. The students shall be required to deposit the prescribed dues after approval of topic/symposia by the committee.

In case a student is not able to complete his/her research work during the minimum prescribed period of one year, he/she shall be required to pay fee equivalent to 3–credit hours per semester till submission of thesis for evaluation within the maximum time limit.

9. Fee Tariff

Registration Fee:	Rs.1000/-
Admission Fee:	Rs.1500/-
Technology Fee + Courier Charges:	Rs.500/-
Course Fee (3– Credit Hours):	Rs.4200/-
Thesis Fee: (12 Credit Hours):	Rs.16800/-
Thesis Evaluation Fee: (As per university policy)	

Note:

This fee tariff is subject to change from time to time as per AIOU policy. Information in this regard can be had from the office of the Director Admissions, AIOU Islamabad.

10. General Information

- Photocopy of the admission form and incomplete form will not be entertained.
- Admission to MPhil English will be granted against limited seats strictly based on merit and criteria as approved by the university. The university reserves the right not to start this programme if a viable group of students is not formed.
- Only the selected candidates will be informed about the result of the admission. On receipt of individual admission intimation, the student will deposit the required fee according to the procedure as laid down by the university in the admission intimation letter.
- Fee can neither be refunded once paid for admission nor can it be adjusted for any other programme. On payment of the registration fee, each student will be issued a registration number. The number must be quoted in all the future correspondence along with roll numbers, course(s) code numbers and semester. The students already having registration number need not to pay the registration fee. They should mention their registration number in the admission form.
- During the semester, the address of any student will not be changed, however, in real hardship, change of address will be considered if it is supported by a justifiable plea.

- Rules, regulations framed, amended, and changed from time to time by the authorities/bodies of the university will be applicable to all students. The students will have to abide by all such rules and regulations. These can be made available to students on demand.
- It is the responsibility of the admitted students to remain in continuous contact with the department regarding academic activities of the programme. A student already enrolled to a programme or a specialization of a programme shall not be allowed to transfer his/her admission to another programme.
- Admission to courses for the spring semester and autumn semester are generally offered in the months of February and August respectively. The continuing students are sent computerized admission forms. However, if for any reason, the student does not get the said form, he/she may get general admission form from any regional office of the university and send it to Director Admission of the university within the due date along with due fee deposited through bank challan slip.

11. Fee Depositing Procedure

Only on receipt of admission offer, the candidate would pay dues in accordance with the fee tariff as directed by the Admission Office.

12. How to Apply for Admission?

Candidates for M Phil English are required to send complete admission forms along with attested copies of all educational degrees, certificates, and marks sheet at the following address before the closing date. Applicants who submit result card instead of degree/certificate will not be entertained. Incomplete admission forms will not be accepted.

Note: Online Admission form complete in all respect must be sent on the following address:

Department of English,
AIOU, H-8, Islamabad
Ph: 051-9057656
Email: kamal.khan@aiou.edu.pk

For further guidance, you may contact on the following numbers:

13. Faculty Members

1	Dr. Malik Ajmal Gulzar , Chairman	051-9057768
2	Dr. Shamim Ali , Assistant Professor	051-9057764
3	Dr. Saira Maqbool , Assistant Professor	051-9057765
4.	Dr. Muhammad Kamal Khan Assistant Professor	051-9057656
5.	Dr. Rashida Imran , Assistant Professor	051-9057653
6.	Dr. Lubna Umar , Lecturer	051-9057763
7.	Office staff	051-9057761

14. MPhil Programme Coordinator

For clarification about academic matters, please contact the following Programme Coordinator:

Dr. Muhammad Kamal Khan
Assistant Professor of English
Email: kamal.khan@aiou.edu.pk, Ph: 051-9057656

PhD in English (Linguistics)

Department of English has been working earnestly since long to offer prestigious PhD programme which may not only cater to the needs of professionals working in the field of ELT but can also offer a platform for future planners in the field of different branches of linguistics, and related interdisciplinary areas. The Department offered PhD in English (Linguistics) in Autumn 2020 for the first time in the history of the department. Now the department is offering this apex programme second time for the Semester Autumn 2021, based on annual offering, with the following details.

Eligibility Criteria

- i. 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 Programme.
- ii. GRE/GAT Subject or equivalent with 60% passing marks. In case of non-availability of GRE / GAT, departmental test may be conducted as per HEC/AIOU rules followed by interview.
- 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.

Admission Procedures

- i. Interested candidates can apply for admission on prescribed form to the Chairman, Department of English.
- ii. Admission will be given strictly on merit and on approved criteria (as per HEC/AIOU rules).
- iii. In-service candidates shall be required to submit their departmental No Objection Certificate (NOC) along with their admission application.

- iv. Admission of PhD will be notified by the Director Admissions after the submission of receipt of admission dues.

Admission Form can be downloaded from the university website, or you can purchase copy of PhD prospectus for the current semester. Candidates are required to dispatch complete admission forms along with attested copies of all educational degrees, certificates, and marks sheets to the Department of English, AIOU, Islamabad before the closing date. Incomplete admission forms will not be entertained for the admission process.

Scheme of Studies for PhD Linguistics

Course Work: 18 Credit Hours

1st Semester

S. No.	Course Title	Course Codes	Credit Hours
1.	Language Learning Theories	7851	3
2.	Approaches in Sociolinguistics	7853	3
3.	Research Methodology (Linguistics)	7855	3

2nd Semester

1.	Critical Discourse Analysis (CDA)	7854	3
2.	Intercultural Pragmatics Advanced	7860	3
3.	Theories in Phonetics & Phonology	7861	3

Subsequent Semesters

1.	Dissertation	7880	36
----	--------------	------	----

Other Requirements:

- Comprehensive Examination before calling for PhD proposal defense (as per HEC/AIOU rules)

- Publication of research article as per approved policy of Higher Education Commission (as per HEC/AIOU rules)
- Dissertation (36 Credit Hours and as per HEC rules)

Note: Admission form completed in all respects may be sent on the following address:

Dr. Malik Ajmal Gulzar,
Chairman, Department of English,
Block 8, AIOU, H-8, Islamabad

Instructional Methodology

The PhD programme 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 during the third and/or fourth semester that require students and research scholars to develop and present their draft of research proposals.

Dissertation

A PhD Scholar is required to conduct research work under the supervision of an advisor having PhD degree 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 PhD Examination 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 defense to defend his/her research work.

Assessment System

Based on the principles of face-to-face degree programme, the Department follows the below-mentioned mechanism of continuous assessment for PhD programme.

Assessment Component	Total Marks	Passing Marks	Weightage
Assignment i	100	70	10+10=20%
Assignment ii	100	70	
Mid-Term Examination	100	70	30%
Final-Term Examination	100	70	50%
Total Marks			100
Aggregate Passing Marks			70

OR

As otherwise decided by the Department considering the relevant HEC/AIOU rules for PhD Programme in English.

Attendance Policy

The Department will follow strict attendance policy for the PhD course work. The minimum requirement to appear in the Final-Term examination is 80% of the attendance.

Comprehensive Examination

The students after completing the PhD course work will be required to appear in the comprehensive examination conducted by the department concerned as per HEC rules. The pass percentage in comprehensive examination will be 70%. No grade will be awarded to the scholars, only pass or fail will be reflected in the result Performa.

Instructions for Thesis

Registration in Thesis/Dissertation

Students will submit research proposal/synopsis to the Chairman, Department of English, according to the university's approved criteria. The Departmental PhD Examination Committee will recommend the students' research proposals/ synopses to the worthy VC (AIOU) for the approval after thesis orientation workshop. The committee shall also recommend the name of supervisor for students' research work:

- ◆ The minimum period to complete the dissertation is two years and the maximum period will be four years provided the condition of maximum duration of five years should not be affected. (Detailed information in this regard can be obtained from the Department on request).
- ◆ Scholars are advised to collaborate with their respective supervisors and also with the Department during research process and submit their progress reports to the Department intermittently as per HEC/AIOU rules.

Thesis Evaluation Fee

Students will deposit the required fee in bank for thesis evaluation at the time of submitting the thesis to the Department.

Plagiarization

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 programme 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.

The PhD degree shall be awarded, after receiving positive reports of foreign and local evaluators and afterwards successfully defending PhD work. The Dean will forward the report of the defense to the Controller of Examinations for notification and award of the degree.

Format of Thesis

The students will be required to observe 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).

Research Candidacy

The Department will hold synopsis orientation workshop to help the students in topic selection and synopsis development. The synopsis shall be prepared in accordance with the guidelines/ format approved by the BASR. The student shall submit a detailed research proposal in the third semester (after the completion of course work) and make a presentation before the Departmental Synopsis Committee.

Participation in the orientation workshop is mandatory. The students shall be required to deposit the prescribed dues after approval of topic/symposia by the committee.

In case, a student is not able to complete his/her research work during the minimum prescribed period of one year, he/she shall be required to pay fee equivalent to the credit hours involved per semester till submission of dissertation for evaluation within the maximum time limit.

Fee Tariff

The present AIOU fee tariff shall be applied for PhD English programme. The fee tariff is subject to change from time to time as per university policy. Latest information in this regard can be obtained from the office of the Director Admissions, AIOU Islamabad.

Registration Fee:	Rs.2500/-
Admission Fee:	Rs.2500/-
Technology Fee + Courier Charges:	Rs.500/-
Course Fee (3– Credit Hours):	Rs.7500/-
Thesis Fee: (36 credit hours)	Rs.90,000/-
Thesis Evaluation Fee: (As per university policy)	

General Information

- Incomplete admission form will not be entertained.
- Admission to PhD English (Linguistics) shall be granted against limited seats strictly based on merit and criteria as approved by the university before the commencement of the programme. The university reserves the right not to start this programme if a viable group of students is not formed.
- Only the selected candidates will be informed about the result of the admission. On receipt of individual admission intimation, the student must deposit the required fee according to the procedure as laid down by the university in the admission intimation letter and /or through online message.
- Fee can neither be refunded once paid for admission nor can it be adjusted for any other programme. On payment of the registration fee, each student will be issued a registration number. The registration number must be quoted in all the future correspondence along with roll numbers, course(s) code numbers, and semester. The students already having registration number need not to pay the registration fee. They should mention their registration number in the admission form.

- Rules, regulations framed, amended, and changed from time to time by the authorities/bodies of the university will be applicable to all students. The students will have to abide by all such rules and regulations.
- It is the responsibility of the admitted students to remain in continuous contact with the department regarding academic activities of the programme. A student already enrolled to a programme or a specialization of a programme shall not be allowed to transfer his/her admission to another programme.

Fee Depositing Procedure

Only on receipt of admission offer, the candidate would pay dues in accordance with the fee tariff as directed by the Admission Office.

How to Apply for Admission?

Candidates for PhD English are required to send complete admission forms along with attested copies of all educational degrees, certificates, and mark sheets at the following address before the intimated closing date. Applicants who submit result card instead of degree and certificate will not be entertained. Incomplete admission forms will not be accepted.

Note: For clarification about academic matters and to send admission form use the following address:

Dr. Malik Ajmal Gulzar
Chairman/PhD Programme Coordinator
Department of English
Block No. 8, AIOU, Islamabad
Phone: 051-9250068, 051-9057762
Email: ajmal.gulzar@aiou.edu.pk

DEPARTMENT OF BUSINESS ADMINISTRATION

The Department of Business Administration was established in 1986 with the objective to impart managerial education and skills in the discipline of Business Administration. Since its inception, the Department has made tremendous progress towards achieving its ultimate 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 PhD Business Administration. The department is introducing MBA programme 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 development of professions equipped with modern business techniques. These programs are designed to provide an opportunity to upgrade the skills and enhance professional qualifications of the future managers. Further, we are of the opinion 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 PhDs, MPhil/MS both from national and foreign universities.

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

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

MASTERS OF BUSINESS ADMINISTRATION (MBA) PROGRAM

1. Introduction:

The purpose of MBA programme is to enable business and non-business students and professionals to better respond to the organizational demands and to help them acquire the skills needed for managing self and meet organizational needs in a better way. The courses of MBA are aimed at developing an understanding of the ways in which individuals and groups behave in relation to an organization and have expertise in the area of management. It also focuses on the way organizations to shape individual action and are in-turn shape the society. The specialized courses of MBA Programme will enable the students to develop an understanding of particular 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 own activities with an organization. At Department of Business Administration, the combination of theory and practice blended to formulate its Programs.

2. Programme Summary:

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

3. Objectives:

- i. To develop the business graduates as per the requirements of the public and private sector organizations and to equip them to cater the needs of complex and dynamic business environment.
- 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 the new ways of identifying and

dealing with the opportunities and problems, and face future business challenges.

4. Duration and Specializations:

As per guidelines of HEC, MBA will spread over 4 semesters for Non Business graduates and 3 semesters for applicants with business education. The programme 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 the applicants having business education while maximum period will be 4 years. MBA is a program at 18 years of education will be offered on face to face basis. However, 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. Written Test/ Interview

Admission will be given to selected candidates on the basis of merit.

7. Admission Procedure:

There shall be an MBA admission committee of the department responsible to finalize the admission.

Admission in MBA Programme will be made once a year as decided by the Competent Authority. Applications will be invited through the daily newspapers/AIOU website as per AIOU policy.

Preliminary selection of the candidates will be made strictly on the basis of strictly on the basis of Written Test and Interview Conducted by the Department. Total number of seats would be 50 for business graduates and 50 for non-business graduates.

Written test would be decided by the department either arranged by AIOU or NTS.

MBA Programme will be merit based; therefore, any fees/dues will not be required to be deposited until applicant receives the admission letter from the Admission Department of the University.

Only selected candidates will be informed about their admission and to deposit the fee. The candidate will be informed about the deposit of fee by the Director Admission confirming the admission of the candidate.

The prevailing University rules and regulations regarding MBA and MS programs enforced from time to time shall strictly be followed for this program.

8. Scheme of Studies:

The detail of courses and tentative semester wise offering of courses in MBA Programme will be as under. 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: 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 scheme of studies provided by the department in order to fulfil the degree requirements.

Semester-I

Sr. #	Course Title	Code	Credit Hours
1.	Financial Accounting	8501	3
2.	Management Theory & Practice	8506	3
3.	Business Communication	8570	3
4.	Business Mathematics & Statistics	8532	3
5.	Marketing Management	8511	3

Semester-II

Sr. #	Course Title	Code	Credit Hours
1.	Managerial Accounting	8508	3
2.	Business Research	8510	3
3.	Production & Operations Management	8509	3
4.	Consumer Behavior	8515	3
5.	Project Management	8516	3

Semester-III

Sr. #	Course Title	Code	Credit Hours
1.	Financial Management	8513	3
2.	Organization Behaviour	8517	3
3.	Human Resource Management	8502	3
4.	International Business & Finance	8536	3
5.	Managerial Economics	8522	3

Semester-IV

Sr. #	Course Title	Code	Credit Hours
1.	Business Policy & Strategy	8505	3
2.	Elective – I		3
3.	Elective – II		3
4.	Elective – III		3
5.	Elective – IV		3

OR

Sr. #	Course Title	Code	Credit Hours
1.	Business Policy & Strategy	8505	3
2.	Elective – I		3
3.	Elective – II		3
4.	Research Project	8565	6

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

Elective Courses

Sr. #	Course Title	Code	Credit Hours
1.	Corporate Finance	8524	3
2.	Investment and Securities Management	8545	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	8540	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	8537	3
12.	Strategic Brand Management	8548	3
13.	Financial Markets & Institutions	8525	3
14.	Marketing of Services	8528	3
15.	Distribution Channels	8530	3
16.	International Human Resource Management	8541	3

Sr. #	Course Title	Code	Credit Hours
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: The Department will reserve the right to offer any elective courses in a given semester. Students will complete 30 credit hours in total as per scheme of studies provided by the department in order to fulfill the degree requirements.

Semester-I

Sr. #	Course Title	Code	Credit Hours
1.	Managerial Accounting	8508	3
2.	International Business and Finance	8536	3
3.	Production & Operations Management	8509	3
4.	Consumer Behavior	8515	3

Semester-II

Sr. #	Course Title	Code	Credit Hours
1.	Financial Management	8513	3
2.	Business Policy & Strategy	8505	3
3.	Advanced Research Methods	8535	3
4.	Corporate Governance	8723	3

Semester-III

Sr. #	Course Title	Code	Credit Hours
1.	Elective – I		3
2.	Elective – II		3
OR			
3.	Research Project	8565	6

Elective Courses			
Sr. #	Course Title	Code	Credit Hours
1.	Corporate Finance	8524	3
2.	Analysis of Financial Statements	8551	3
3.	Organizational Theory and Design	8540	3
4.	Human Resource Change Management	8542	3
5.	Strategic Brand Management	8548	3
6.	Strategic Marketing	8537	3
7.	Corporate Finance	8524	3
8.	Analysis of Financial Statements	8551	3
9.	Organizational Theory and Design	8540	3
10.	Human Resource Change Management	8542	3
11.	Strategic Brand Management	8548	3
12.	Strategic Marketing	8537	3
13.	Financial Markets & Institutions	8525	3
14.	International Marketing	8527	3
15.	Marketing Services	8528	3
16.	E-Marketing	8529	3
17.	Distribution Channels	8530	3
18.	Strategic Human Resource Development	8539	3
19.	International Human Resource Management	8541	3
20.	Human Resource Change Management	8542	3

21.	Investment & Securities Management	8545	3
22.	Risk Management & Insurance	8546	3
23.	Retail Management	8549	3
24.	Islamic Banking	8552	3
25.	Industrial & Organizational Psychology	5596	3
26.	International Financial Management	8543	3
27.	Leadership in Organizations	5597	3

9. Medium of Instruction:

The medium of instruction and examination will be English.

Assignments

The students will send two compulsory assignments for each 03 credit hours course to their tutors who return the same after marking and providing necessary academic guidance.

Classes

MBA is a face to face program. However, in lieu of tutorials, workshop component (equivalent to 48 hours in each course) is adopted in this program. MBA workshops will be conducted in two phases. First phase (for 20 days) will be conducted in the beginning of the semester and second phase (for 20 days) well before the examination. The workshops will be arranged only at the Main Campus, AIOU, H-8, Islamabad. The participation of the students in the workshops will be compulsory. No relaxation on any ground will be provided to the students in this regard. However, depending on the situation, Department of Business Administration reserves the

right to offer these workshops online. The workshops (classes) will be organized in order to provide the students proper guidance in course contents through intensive lectures, group discussions, etc. The programme of the workshops will be chalked out by the Department and intimated to students well in time, workshop is mandatory component of scheme of studies and only one chance is available to pass the workshop.

10. 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 each component.

To take final examination, the student has to pass in 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.

75% attendance in workshops.

11. Degree Requirements:

Noncredit viva voce will have to be passed by every candidate after the completion of the course work.

12. Degree Requirements:

Degree will be awarded on the successful completion of required courses

13. Fee Structure

Item	Fee
Registration Fee: (At the time of first admission)	Rs.1000/-
Admission Fee: (At the time of first admission)	Rs.1500/-
Course Fee: (per course)	Rs.7500/-
Project Fee: (6 credit hours)	Rs.15000/-
Project Evaluation Fee: (Once at the time of admission in Thesis)	Rs.5,000/-
Security Fee: (At the time of first admission)	Rs.5000/-
Technology Fee (per semester)	Rs.500/-

14. Rules and Regulations:

Rules and regulations, in line with HEC guidelines and applicable in AIOU as amended from time to time, will be adopted in this program.

DEPARTMENT OF PAKISTAN STUDIES

MPhil Pakistan Studies Program

The Department of Pakistan Studies was separated from its parent department, the Department of Social Sciences and Humanities, and was established as an independent Department in the Faculty of Social Sciences and Humanities. Since its inception, the Department has developed and offered several courses of Pakistan Studies ranging from Matriculation (Secondary School Certificate) to MPhil level. The MSc Pakistan Studies was first offered in 1985. Since then, it has produced a large number of graduates who are serving the nation in various capacities and bringing pride to the Department of Pakistan Studies. It has been a long standing demand of our students holding MSc degree to launch MPhil Pakistan Studies program. Now the Department is launching MPhil Pakistan Studies with a view to cater to the demand of the students particularly and the relevant people generally. The Courses of the program are based on the latest revised scheme of studies of Higher Education Commission (HEC). Instead an effort has been made to improve upon the scheme of HEC.

1. Introduction

For the pragmatic understanding of the socio-political and economic institutions of any country, it is inevitable to study the Geography, History, Politics, Economics and Culture of that particular country in an integrated manner. The purpose of

offering MPhil Pakistan Studies is to promote investigative approach, in Social Sciences paradigms, to study Pakistani Society and Culture, Political and Economic Institutions, History and Geography in an integrated and interdisciplinary ways.

2. Objectives

The main objective of MPhil Pakistan Studies programme is to produce social scientists who can embark on the task of carrying out scientific research in the fields of Pakistan's history, politics, economics, society and culture. We hope, this approach will be helpful to understand the complexities and problems associated with the socio-political and economic development of the country.

3. Eligibility

The candidates having Master's degree (at least in 2nd division) in Pakistan Studies will be eligible to apply for the admission in MPhil Pakistan Studies. Department will annually enroll not more than 25 research scholars in the MPhil Pakistan Study programme. The applicant requires to qualify entry test arranged by the Department of Pakistan Studies.

4. Duration

The minimum period for completion of the programme is two years while maximum period will be Four-years. The minimum period for completion of course work is two semesters (one year) and the maximum period is four semesters (two years). The minimum period for completing research work is two semesters (one year) and the maximum period is four semesters (two years) provided the condition of Four-years shall not be affected.

5. Medium of Instruction

The medium of instructions and examinations will be English. However, the scholars who choose the research topics related to Pakistani languages and literature would be allowed to write their thesis in Pakistani languages.

6. Scheme of Studies

MPhil Pakistan Studies program comprises of 24 Credit Hours (C.H.) of course work and 6 C.H. of research project. The admission in MPhil would be advertised once in a year.

Semester wise break-up of the courses:

First Semester

Course Code	Course Title	Credit Hours
7601	Research Methods in Social Sciences	3
7602	Civil-Military Relations in Pakistan	3
7603	Federalism, Identity and State-building in Pakistan	3
7604	Historiography in Pakistan	3
		12

Second Semester

Course Code	Course Title	Credit Hours
7605	Social Transformation in Pakistan	3
7606	Political Economy of Pakistan	3
7607	Electoral Politics, Governance and Sustainable Development in Pakistan	3
7608	Seminar on Literature and Politics	3
		12

Third and Fourth Semesters

Course Code	Course Title	Credit Hours
7610	Research Project/Thesis	12

7. Online Workshops

7.1 Course Workshops:

It would be mandatory for the scholars to attend online workshops of each semester as per University schedule.

7.2 Synopsis Orientation Online Workshop:

After successfully completing the course work, in the beginning of the third semester, scholars have to attend another mandatory synopsis orientation online workshop for two weeks.

8. Fee Tariff

Sr.#	Item	Fee
1.	Registration Fee: (Payable once at the time of admission)	Rs.1000/-
2.	Admission Fee: (Payable once at the time of admission)	Rs.1,500/-
3.	Tuition Fee: (per 3 credit hour course)	Rs.4200/-
4.	Technology Fee + Courier Charges: (per student per semester)	Rs.500/-

Faculty Members

For academic assistance, please contact the following faculty members of the Department of Pakistan Studies, AIU, Block No. 9, H-8, Islamabad.

Name and Designation

1. **Dr. Samina Yasmeen**
Chairperson
Ph: 051-9250074

2. **Dr. Badshah Sardar**
Associate Professor
Ph: 051-9057226
3. **Malik Akhtar Hussain**
Assistant Professor
Ph: 051-9057386
4. **Dr. Khalid Mahmood**
Lecturer
Ph: 051-9057831
5. **Ms. Waqar-ur-Nisa**
Lecturer (Deportation)
Ph: 051-9057480

For further information
Please Contact:
Department of Pakistan Studies
Block No 9, Main Campus, Sector H-8,
Allama Iqbal Open University, Islamabad
Ph: 051-9250074
E-mail: pakstudy@aiou.edu.pk

FACULTY OF SCIENCES

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 of 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 “Education for All as Convenient” basis so that maximum students get benefit from its academic programmes 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 programmes. Improvement in qualification for a better life is a right of everyone and the faculty’s programmes meet this challenge by offering opportunities to all. In particular a significant number of beneficiaries are those who cannot afford education in formal institutions due to a variety of reasons.

Realizing the importance of science education and the growing need of the Faculty of Sciences, the university has completed a building, the Research Complex, at a cost of Rs.35 million. The Research Complex now accommodates departments of Agricultural Sciences, Biology, Chemistry, Environmental Design, Health and Nutritional Sciences (ED, H & N Sciences) and Physics whereas other departments of Science Faculty are

located in Block 6 & 7. These departments are running a variety of postgraduate technical, scientific and professional programmes successfully. The Research Complex has also a computer lab with internet and on-line library facility for literature survey, seminar room, lecture hall and a library. In addition, there are many labs for practical work, teaching, research and instrumentation labs for analysis. The university is developing these labs through its own 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 amount of funds and valuable guidance.

Two model labs have also been developed in the Research Complex, with the assistance of the Higher Education Commission to meet the training needs of science teachers. This development is significant since under the new educational policy four-year BS programme has started in undergraduate educational institutions.

More than fifty highly qualified full-time faculty members are on the roll 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 of instructions so that high standards are maintained. In addition, highly qualified and experienced professors are also engaged on contract or as part time instructors, for postgraduate study programmes. The University faculty is also offering academic positions under 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 programmes leading to MSc, MPhil, and PhD degrees in Agricultural Sciences, Chemistry, Computer Sciences, Environmental Design, Health and Nutritional Sciences (EDH & N Sciences), Mathematics, Statistics and Physics. Rules and regulations for governing the postgraduate study programmes are those approved by the Higher Education Commission (HEC).

For MS and MPhil degree, 24 credit hours of course work and a minimum of one year of research work in a specialized area of the disciplines is required. A candidate for PhD degree has to take additional 18 credit hours of specialized courses in the field of research. The dissertation will comprise original research on a topic in the discipline and shall be evaluated by three foreign referees, who are expert in the field. At least one publication in international journal is also necessary before the degree is awarded.

The faculty has launched the four year BS programme in sciences (Chemistry, Microbiology) comprising 124–140 credits. This four-year BS programme is structured according to the recent policies of the Higher Education Commission for the improvement of standard of education to bring it at par with the international standards.

Under the dynamic and visionary leadership of the Vice Chancellor Prof. Dr. Zia Ul-Qayyum, the faculty has already initiated many new PhD, MPhil, MSc and BS programmes, which will be launched in 2015-2016. Research is the basic emphasis of the new leadership and the faculty has been strengthened by the induction of additional faculty members and

providing truly academic atmosphere at campus. Moreover, Matric-tech. programme has been initiated for the benefit of the masses.

DEPARTMENT OF CHEMISTRY

The department of chemistry was established in March 1998. Its faculty consists of one Professor, four Associate Professors, one Assistant Professor, four Lecturers and two Research Associates. The department has most modern equipments/instrumentation in its teaching and research labs in the Science Block at AIOU main campus. These equipments/instrumentation include Thermal Analyzer, UV-Visible, Fluorescence and FTIR Spectrophotometers, GC-MS, HPLC, Atomic Absorption spectrometer and Electrochemical System etc.

The department has developed all the courses for undergraduate, graduate, postgraduate and PhD level in accordance with the guideline provided by the Higher Education Commission (HEC). These courses are reviewed from time to time through 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. Department has also signed MOU with university of Rostock, Germany. By this MOU, our PhD students get opportunity to do research work in Germany. Moreover, department has also signed MOU with University of Kebangsaan Malaysia. This collaboration is very useful for our MPhil and PhD students.

At present, department of chemistry is offering and coordinating the following programmes:

1. Chemistry Courses for FSc Students
2. BS Chemistry
(Organic, Inorganic and Physical Chemistry Specialization)
3. MPhil Chemistry
4. PhD Chemistry

In Autumn 2021 semester, department is offering MPhil & PhD programmes.

MPhil and PhD (Chemistry)

1. Introduction

The Department of Chemistry is offering MPhil and PhD programmes. Currently specialization is being offered in the field of Organic Chemistry. Later on, the specializations in other branches of Chemistry will be offered.

2. Objectives

The aim of this programme is to provide an opportunity to in-service personnels to get specialized in the field of chemistry and to improve the qualification of those who could not continue their education through formal system. Maintaining the high standards of teaching and research, the department also wants to attract fresh students. The main objective is to uplift the standard of education and research specially in the field of chemistry in the country.

3. Target Groups

MPhil and PhD Chemistry programmes are particularly designed for the following:

- i. Fresh students having special aptitude for research.
- ii. Scientists working in different laboratories and research organizations desirous of improving their knowledge and qualification and can also manage to avail study level.

4. Eligibility

(a) MPhil Chemistry

A person holding MSc degree (at least 2nd division) in Chemistry is eligible to apply for admission in MPhil Programme. Admission will be entirely on merit and restricted to the number of seats available. The Department will conduct written test for admission.

(b) PhD Chemistry

Candidates holding MS/MPhil or equivalent in Chemistry with CGPA 3.0 in semester system and 1st division in annual system are eligible to apply for PhD Programme.

The Department will conduct written test for admission.

5. Admission Procedure

- i. The Prescribed Admission Form (duly filled) alongwith the attested copies of required documents be sent to Chairperson, Department of Chemistry.
- ii. Test and interview of the eligible candidates will be conducted by the Departmental Admission Committee and the merit will be determined on the basis of qualification, research, professional experience, test and interview, etc.
- iii. Selected candidates will be informed by the Directorate of Admission with the directions to deposit fee according to the schedule.

Since admission in MPhil and PhD programmes is strictly on merit, only selected candidates will be informed and asked to deposit the prescribed fee. **The fee should NOT be submitted before the confirmation of your admission.** In case of admission, if a candidate fails to deposit fee within prescribed period, it would be assumed that the student is not interested in getting admission. The department may invite a candidate in waiting list for admission against the vacant seat.

For clarification about academic matters please contact on the phone numbers given below:

051-9057754, 051-9250081

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

6. Scheme of Studies

Scheme of Studies for MPhil Chemistry

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

Scheme of Studies for PhD Chemistry

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

Description of MPhil Chemistry Theory Courses

Semesters: I & II

Course Code	Course Title	Credit Hours
1700	Medicinal Chemistry	3(3+0)
1745	NMR Spectroscopy	3(3+0)
1746	Advanced Heterocyclic Chemistry	3(3+0)
1751	Advanced Organic Synthesis	3(3+0)
1752	Advanced Stereochemistry	3(3+0)
1753	Natural Products	3(3+0)
1754	Reactive Intermediates in Organic Chemistry	3(3+0)
1755	Organometallic Chemistry	3(3+0)

Course Code	Course Title	Credit Hours
1759	Structure Elucidation of Organic Compounds by Spectroscopy	3(3+0)
1761	Organic Polymer Chemistry	3(3+0)
1763	Chemistry of Primary Metabolites	3(3+0)
1770	Plastic Materials	3(3+0)
1772	Theoretical Background of Organic Lab. Techniques	3(3+0)
1773	Organic Spectroscopy	3(3+0)
1774	Homogeneous Catalysis	3(3+0)

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

Description of MPhil Chemistry Thesis

Semesters: III & IV

Course Code	Course Title	Credit Hours
1760	Research Work & Thesis	6
1760	Research Work & Thesis	6

Course Outlines (Semester I / II)

Organic Synthesis (1751)

One and two group C-X disconnections. Concept of donor and acceptor synthons. One and two group C-C disconnections and 1,2; 1,3; 1,4; 1,5; and 1,6 difunctionalized compounds. Synthesis

of ring compounds. Synthesis of aromatic compounds. Aromatic heterocycles. Advanced reaction strategies.

Advanced Stereochemistry (1752)

Structure and symmetry. Configuration of cyclic molecules. Actual shape of six-membered rings. Stereochemistry and conformational analysis of substituted cyclohexanes, stereochemistry and conformational effects in small, common and medium rings, effect of heteroatoms on conformational equilibria. Fused rings, bicyclic and polycyclic rings systems, bridged rings. Determination of enantiomer and diastereomer composition by NMR, chromatographic, kinetic and isotope dilution methods.

Natural Products (1753)

Terpenoids, Alkaloids, Phenolics, Fatty Acids and their derivatives, Carbohydrates, Amino Acids and Peptides, Nucleosides, Nucleotides and Polynucleotides.

Reactive Intermediates in Organic Chemistry (1754)

Structure, stability, generation, reactions and detection of carbocations, carbanions radicals, carbenes, benzyne and related intermediates. Intermediates in oxidation reactions.

Organometallic Chemistry (1755)

Nature of bonding, σ and π complexes. Preparation of organometallic compounds. Application of organometallic compounds in organic chemistry for hydrogenation, isomerization, hydrosilylation, polymerization, hydro formylation, cyclisation, carboxylation, carbonylation, olefin metathesis, hydrocyanation etc.

Structure Elucidation of Organic Compounds by Spectroscopy (1759)

Ultraviolet Spectroscopy, Infrared Spectroscopy, Nuclear Magnetic Resonance Spectroscopy, Mass Spectrometry and their applications. Joint applications of UV, IR, NMR and MS for structure elucidation.

Organic Polymer Chemistry (1761)

Introduction to science of polymers. Steps Reaction (Condensation) Polymerization. Radical Chain (Addition) Polymerization. Ionic and Coordination Chain (Addition) Polymerization Copolymerization and polymerization conditions. Characterization of polymers. Measuring of molecular weight and size. Analysis and testing of polymers. Structure and properties of Crystalline Polymers.

Chemistry of Primary Metabolites (1763)

Amino Acids. Proteins. Purines and Pyrimidines. Deoxyribonucleic Acids. Ribonucleic Acids. Enzymatic Catalysis. Chemistry of Vitamins. Chemistry of Carbohydrates. Biochemical and analytical techniques.

Medicinal Chemistry (1700)

Physiochemical properties in relation to biological actions. Metabolic changes of drugs and related organic compounds. Antimalarials. Antibacterial antibiotics. Antineoplastic agents. Central nervous system depressants.

Plastic Materials (1770)

Introduction to plastic material. Micro and Macro viewpoint in plastics. Thermoplastic materials. Thermoset materials. Composite

materials. Additives and their role in plastics. Degradation and the environment. Processing of plastic materials.

NMR Spectroscopy (1745)

Introduction to Nuclear Magnetic Resonance – (NMR), The NMR Spectrometer, Factors Influencing Chemical Shifts, Correlating Proton Chemical Shifts with Molecular Structure, Spin – Spin Coupling and Spin – Spin Splitting, Specialized Techniques in ¹H-NMR Spectroscopy, Dynamic NMR, Carbon –13 NMR Spectroscopy, Correlating Carbon – 13 Chemical Shifts with Molecular Structure.

Advanced Heterocyclic Chemistry (1746)

Structures and Spectroscopic Properties of Aromatic Heterocycles, Chemistry of Nitrogen Containing Heterocyclic Compounds, Chemistry of Sulphur, Containing Heterocyclic Compounds, Chemistry of Oxygen Containing Heterocycles, Chemistry of Fused Ring Heterocyclic Compounds I, Chemistry of Fused Ring Heterocyclic Compounds II, Heterocycles Containing more than One Heteroatom, Heterocycles Containing more than Two Heteroatoms, Chemistry of Saturated and Partially Unsaturated Heterocyclic Compounds.

Theoretical Background of Organic Lab Techniques (1772)

Distillation, Crystallization, Chromatography I, Chromatography II, Statistical Treatment of Data, Extraction, Organic Reagents, Working with Laboratory Equipment, Disposal of Waste and Recycling.

Organic Spectroscopy (1773)

UV / Visible Spectroscopy Part I, UV / Visible Spectroscopy Part II, UV / Visible Spectroscopy Part III, Infrared Spectroscopy, Infrared and Raman Spectroscopy, Mass Spectrometry I, Mass Spectrometry II, Mass Spectrometry III, Mass Spectrometry IV.

Homogenous Catalysis (1774)

Introduction, Basic Chemical Concepts, Alkene Based Homogenous Reactions, Carbonylation, Hydroformylation, Palladium catalysed Cross-coupling reactions, C-H Activation, Oxidation with dioxygen, Alkene metathesis.

**SEMESTER III & IV for MPhil Programme
Research and Thesis (1760)****Description of PhD 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 I semester. In II semester any three courses from the remaining list will be offered, subject to the availability of experts.

Description of PhD Chemistry Research Work & Thesis

Semester	Course Code	Course Title	Credit Hours
III	1764	Research Work & Thesis	12
IV	1764	Research Work & Thesis	12
V	1764	Research Work & Thesis	12

7. Offering:

At present this programme is being offered at the university main campus in Islamabad. In future, it will be opened for the entire country subject to the availability of laboratories and appropriate tutorial support.

8. Assessment:**Continuous Assessment**

Continuous assessment will be based on assignments and mid-term. The pass percentage in assignments and mid-term exam. will be 50% in MPhil and 70% in PhD. The weightage of this component in the final result will be 50%.

Final Examination

Final examination of 100 marks for each three credit theory course will be conducted at the end of semester. The pass percentage in MPhil final examination will be 50% and its weightage in the final result 50%. The pass percentage in PhD final examination will be 70% and its weightage will be 50%.

The student will have to pass in each component independently to be declared successful in the course.

Assessment of Research Thesis:

After the completion of course work the candidate will undertake a research thesis under the guidance of a supervisor. Both the research project and name of supervisor will be approved by the Board of Advanced Studies and Research (BASR), AIOU. PhD thesis will be evaluated by foreign professors. The research report must be supported by at least one publication in International Journal as per HEC rules.

9. Attendance:

These programmes are based on face to face teaching and research work. At least 70 % attendance is compulsory to qualify for appearing in final examination.

10. Fee Structure:

MPhil Chemistry Programme:

Item	Rates
Admission Fee (at the time 1 st semester)	Rs.1500/-
Registration Fee (if not already)	Rs.1000/-
Course fee (one credit hours)	Rs.2400/-
Course Fee (per 3 credit hours)	Rs.7200/-
Fee for 12 credit hours' theory work (7200 x 4= 28800)	Rs.28800/-
Research thesis fee (for 12 credit hours)	
Semester III:	Rs.14400/-
Semester IV:	Rs.14400/-

Laboratory Charges (once)	Rs.50,000/-
Technology Fee per semester	Rs.500/-
Total Fee (First Semester)	Rs.31,800/-

If the thesis is not submitted by the end of 4th semester, extra fee will be charged on per semester basis.

Thesis evaluation fee will be charged as per AIOU rules.

*PhD Fee Structure

Item	Rates
Tuition Fee (for 09 credit hours) Per semester (9000 x 3= 27000)	Rs.27,000/-
Admission Fee	Rs.2500/-
Registration Fee (if not already)	Rs.2500/-
Library Fee (per semester)	Rs.700/-
Laboratory / Computer charges (per semester)	Rs.2000/-
Technology Fee	Rs.500/-
Student ID Card Fee	Rs.100/-
Library Security (refundable)	Rs.2500/-
Caution Money (refundable)	Rs.2000/-
Total Fee (First Semester)	Rs.39,800/-

Research Fee Rs. 36,000/- (per semester)

*Only applicable after confirmation of admission in PhD, by the university.

Thesis evaluation fee and any other charges will be as per AIOU rules.

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 programme.

CONTACT ADDRESSES (ACADEMICS)

Name	E-mail & Phone
Dr. Uzma Yunus Chairperson	uzma_yunus@yahoo.com Tel: 051-9057818
Dr. Moazzam Hussain Bhatti, Associate Professor	moazzamhussain_b@yahoo.com Tel: 051-9057262
Dr. Nasima Arshad Associate Professor	nasimaa2006@yahoo.com Tel: 051-9057756
Dr. Muhammad Sher Associate Professor	sherqau@yahoo.com Tel: 051-9057198
Dr. Muhammad Zaman Ashraf, Assistant Professor	mzchem@yahoo.com Tel: 051-9057182
Dr. Iqbal Ahmed Assistant Professor	Iqbal.ahmad@aiou.edu.pk Tel: 051-9057874
Dr. Mehwash Zia Lecturer	m.ehzia@hotmail.com Tel:051-9057225
Dr. Farzana Shaheen Lecturer	Farzanaqau2013@gmail.com Tel: 051-9057394
Dr. Erum Jabeen Lecturer	erumjabeen123@yahoo.com Tel: 051-9057414

DEPARTMENT OF PHYSICS

Introduction:

Realizing the need of technology and scientific education in Pakistan Department of Physics at AIOU began in 1998 with technological needs in areas like Energy, Energy Efficiency, Climate, Energy for Sustainable Development, Renewable energy, Hydrogen Energy, Environment, astronomy, nanotechnology, materials science, Plasma, Medical Physics, Cosmology, Geo Physics, Density Functional Theory (DFT), and nuclear fields. A major emphasis of current research activities are on promotion in renewable energy and related areas in which the Department have led to innovations.

The Department is presently running BS 4 years, MSc, MPhil & PhD degree programme with specialization in various disciplines. New fields of specialization and programme of studies are approved and be operational from the next academic year. Apart from capacity development activities Department of Physics has been involved in several international, national and regional research projects. Physics Department has developed research linkage with other National and International Universities and research organizations of repute to ensure two-way flow of knowledge.

Vision:

The Department of Physics carries out Physics and provides teaching and research programmes that will contribute significantly to the development of human capacity, science and technology in Pakistan. Our vision is to see our graduates and postgraduates to be equipped with the fundamental knowledge of Physics, problem solving, life and communication skills. This will

be achieved by reviewing and developing relevant academic programmes and research and research projects to address Pakistan technological needs in areas like Energy, Renewable energy, Hydrogen Energy, Environment, Astronomy, Nanotechnology, Materials science, Plasma, Medical Physics, Cosmology, Geo Physics, Density Functional Theory (DFT), and Nuclear Physics. Our vision is to be a locally and internationally recognized Physics Department that exposes its successes in public awareness campaign and through established knowledge dissemination channels.

Mission:

The Department of Physics at AIOU becomes a nationally and internationally recognized research and educational unit. Our faculty strives to push the boundaries of our understanding in a wide variety of fundamental and applied Physics areas while providing the best research opportunities for our majors. The blending of classroom learning with training in XXI Century front-edge research facilities allows our graduates post graduates to become successful researchers, teachers and applied scientists in nowadays-competitive marketplace. At the same time, we are fully committed, as the physics department of the major research university in our border region, to contribute to the general public appreciation and respect for the scientific work and knowledge.

Core Values:

To perform the highest levels of competence and professionalism in research and training, acting with utmost honesty and integrity. Sensitivity to staff and student welfare while instituting measures that meet the need of all stakeholders.

Advance knowledge and technologies generate, preserve and disseminate knowledge and be involved in the development of innovative products. Cherish academic freedom, nurture and reward talent. The Department aspires to be an effective agent of change and a model for the other Departments in the field of research so as to meet the grooming demands of the new millennium.

The focus on area of specialization in DOP at AIOU in on the following areas:

Energy, Energy Efficiency, Energy Conservation, Energy for Sustainable Development, Electric power system Management, Energy Economics and Planning Renewable energy, Hydrogen Energy, Environment, Climate Change, Astronomy, Nanotechnology, Materials Science, Plasma, Medical Physics, Laser and Optics, Cosmology, Geo Physics, Density Functional Theory (DFT), Modeling and Simulation and Nuclear fields.

PHD PHYSICS PROGRAMME

1. Duration of the Programme:

The minimum duration for the Direct PhD programme shall be six semesters (03 years) and maximum duration of the programme shall be ten semesters (05 years). Student will take complete coursework in first two semesters & then carry out research work in last four semesters. Students have to complete 18 credit hours coursework and 36 credit hours research work. Minimum period for the completion of course work shall be two semesters (one year) and maximum four semesters (two years).

2. Admissions Requirements:

1. The PHD program shall be announced by the Director BASR as per admission calendar of AIOU.
2. The minimum entry requirement for admission to PhD program shall be MS/MPhil/MSc (Hons) OR equivalent degree with CGPA 3.0 out of 4.0 in semester system or 1st division in the Annual system (60% marks).
3. Test equivalent to GAT/GRE subject in the area of specialization chosen at the PhD level must be cleared with a minimum of 70% marks prior to admission for the PhD program as per HEC requirements.
4. 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

3. Admission Procedure:

1. A candidate holding **MS/MPhil** or equivalent degree shall apply for admission to PhD on the prescribed admission form to the director BASR on the announcement of admission by the University.
2. A candidate will become 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.

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

4. Duration/Credit Hours and Medium of Instructions:

1. The minimum duration of a PhD program shall be six semesters (three years) and maximum duration shall be ten semesters (five-years).
 - a) The PhD program will be of 18 credit hours course work and the minimum period for completion of course work shall be two semesters (one year) and maximum four semesters (two years).
 - b) There shall be a comprehensive examination at the end of second semester of the course work for a PhD program.
 - c) Only those candidates who pass the comprehensive examination will be allowed to continue with their PhD research work and attend the synopsis workshop after depositing the required fee.
 - d) The minimum period to complete the PhD thesis (36 credit hours) after confirmation of the candidature (date of meeting of BASR in which synopsis is approved) shall be 3 semesters.

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

5. Components of Course Instructions

- The number of compulsory face to face teaching hours shall be 48 for each course (3 credit hours).
- The duration of synopsis orientation workshop shall be of two weeks.

6. Scheme of Studies:

Three compulsory courses (each of 3 credit hours) will be offered in the 1st semester and the remaining 3 optional courses will be opted by the students in the 2nd semester from the list given below. Each course is of 03 credit hours. Any of the following optional courses of 03-credit hours will be offered according to the availability of qualified teachers and research facilities.

Approved Course Offering:

Course work during first year or 1 st & 2 nd Semester	18 Cr. Hrs
Thesis/ Dissertation during second year or 3 rd 4 th 5 th & 6 th semester	36 Cr. Hrs.
Total credit hours required for completion	54 Cr. Hrs

Semester 1 (Compulsory)

S.#	Course Title	Code	Cr. Hrs
1	Advanced Mathematical Physics	9701	3(3+0)
2	Experimental Techniques in Physics	9702	3(3+0)
3	Renewable Energy Resources	9706	3(3+0)

Semester 2 (Optional)

(Courses will be offered depending on the needs and availability of the experts, out of which the student will opt only three)

S.#	Course Title	Code	Cr. Hrs
1	Advanced Semiconductor Physics	9703	3(3+0)
2	Statistical Physics	9704	3(3+0)
3	Environmental Physics	9705	3(3+0)
4	Hydrogen Energy Technology	9707	3(3+0)
5	Energy Audit and Thermal Energy Conservation	9708	3(3+0)
6	Energy Resources & Technologies	9709	3(3+0)
7	Research Methods & Techniques	9710	3(3+0)
8	Magnetism & Magnetic Materials	9711	3(3+0)
9	Particle Physics	9712	3(3+0)
10	Medical Physics	9713	3(3+0)
11	Material Science	9714	3(3+0)
12	Nano Science & Nanotechnology	9715	3(3+0)
13	Climatology and Astronomy	9716	3(3+0)
14	Environmental Degradation and Sustainability	9717	3(3+0)

Semester 3(Research)

Thesis 9700 12(12+0)

Semester 4(Research)

Thesis 9700 12(12+0)

Semester 5(Research)

Thesis 9700 12(12+0)

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 PhD level courses within 90 days of completion of course work.

7. Evaluation:

a) Coursework Evaluation

1. The evaluation of the 18 credit hours of PhD course work will be conducted by Controller of Examination.
2. (a) The distribution of marks of each 3 credit hours course work of PhD shall be as follows:
 - i. Continuous Assessment & Mid Term 50% (20+30)
 - ii. Final Examination 50%Total: 100%
- (b) 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.
3. The student will have a total of **two consecutive chances including first attempt** to attend and pass each course.

b) Comprehensive Examination

1. The students completing the PhD course work shall be allowed to appear in Comprehensive Examination arranged and conducted by the department concerned as per rules of the HEC. The pass percentage in Comprehensive

c) Thesis Evaluation

1. On completion of **PhD** 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. Viva-voce Exam will be conducted after the evaluation as per AIOU rules.
5. The PhD 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 AIOI.

d) Research Paper during Research Period

Every **PhD** student shall publish at least one research paper in HEC recognized Journal (acceptable for award of PhD degree) based on his/her research before the viva voce examination.

4. FEE TARIFF:

Item	Rates
Admission Fee (at the time 1 st semester)	Rs.2500/-
Registration Fee (if not already)	Rs.2500/-
Course Fee (for each 3 credit hours per semester) Rs.9000/-	Rs.27,000/-
Technology Fee: Per student each semester	Rs.500/-
Total Fee for 1 st Semester	Rs.32,500/-
Thesis Fee: Per credit hours (36 credit hours)	Rs.108,000/-
Thesis Evaluation fee:	Rs.23,165/-

5. HOW TO PAY THE FEE?

The admission in this programme is purely on merit basis. No fee is to be paid unless intimated by the university. The fee is to be deposited through Challan Form (only) in the specified branches of Banks in Main campus of AIOU Islamabad, on the day of admission. The candidate will write his name (in block letters) full address and MPhil Physics Programme and semester on the Challan Form attached. Please keep a photocopy of the form and paid fee slip for record.

6. TRAVELING & BOARDING/LODGING EXPENSES:

The AIOU does not have lodging and boarding facilities at the moment except at main campus Islamabad. Hostel facility is available in the main campus. 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.

7. 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.

8. INFORMATION REGARDING ADMISSION:

i. Announcement for admission will be made in the leading newspapers of the country.

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

ii. Admission in PhD Physics will be granted against limited seats strictly on the basis of merit and as per criteria laid down by the Dept. The University reserves its right not to start this Programme if a viable group of students is not formed.

MPHIL PHYSICS PROGRAMME:

I. ADMISSION REQUIREMENTS

1. The MPhil program shall be announced by the Director BASR as per admission calendar of AIOU.
2. The minimum entry requirements for admission to **MS/MPhil/ or equivalent** program 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 (124 credit

- hours from HEC recognized institution).
3. Passed a test equivalent to GRE/GAT general conducted by the department concerned with minimum of 60% cumulative marks or as further advised by HEC from time to time.
 4. The criteria for admission and weightage of its components for **MS/MPhil/MSc (Hons)** e.g. **GAT General (NTS)**, academic qualifications, research, professional experience, publications, written subject test and interview shall be as follows:
 - a) Academic Qualification + Research + Experience
40 (30+5+5)
 - b) Written Test (as per HEC/AIOU policy) 40
 - c) Interview 20

Total: 100

II. ADMISSION PROCEDURE

1. A candidate seeking admission to an **MS/MPhil/MSc (Hons)** program shall apply on the prescribed form to the Dean of the concerned Faculty on the announcement of admission by the university.
2. A candidate seeking admission to **MS/MPhil/MSc (Hons)** 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.
3. Admission to **MS/MPhil/MSc (Hons)** shall be processed and finalized by the Departmental Admission Committee (DAC) duly approved by the Vice-Chancellor.
4. A candidate will become student of **MS/MPhil/MSc (Hons)** 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.

5. A student admitted to an **MS/MPhil/MSc (Hons)** program 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.

III. DURATION, CREDIT REQUIREMENTS, RESEARCH PROJECT AND MEDIUM OF INSTRUCTIONS

1. The **minimum duration** of **MS/MPhil/MSc (Hons)** 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.
 - 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.

IV. COMPONENTS OF COURSE INSTRUCTIONS

1. The instructional modes shall include student and tutor face to face contact for approved prescribed period, teaching

workshops, video conferencing, e-mail, internet, telephone coaching on prescribed schedules, broadcast and non-broadcast audio visual programs etc.

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

V. COURSE WORK EVALUATION

- The evaluation of 24 credit hours course work of **MS/MPhil or equivalent** shall be conducted by the Controller of Examinations as per prevailing practice of the university.
- 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 Examination	50%
Total	100%
- 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.

VI. THESIS/PROJECT REQUIREMENTS

- The student will be allowed to take a research topic after taking 24 credit hours courses and passing at least 12 credit hours including course on research methods/statistics. However, he/she will be allowed to submit the thesis only after passing all the courses.

- A student must enroll and pay fee for 12 credit hours (6 credit hours in each of two semesters).

VII. SCHEME OF STUDIES:

Semester-wise Course Offering:

Coursework during 1st year or 1st & 2nd Semester	24 Credit Hours.
Thesis / Project / Dissertation during second year or 3rd or 4th semester	12 Credit Hours.
Total credit hours required for completion.	36 Credit Hours

Semester I (Core Courses)

S.#.	Course Title	Course Code	Credit Hours
1	Mathematical Physics	1701	3(3+0)
2	Electrodynamics	1703	3(3+0)
3	Solid State Physics	1722	3(3+0)
4	Research Methodology	7791	3(3+0)

Semester 2 (Optional Courses)

(Four courses will be offered depending on the needs and availability of the experts)

S.#	Course Title	Course Code	Credit Hours
1	Advanced Quantum Mechanics	1702	3(3+0)
2	Computational Physics	1704	3(3+0)
3	Atomic & Molecular Physics	1705	3(3+0)

4	Laser Physics	1710	3(3+0)
5	Quantum Optics	1711	3(3+0)
6	Plasma Physics	1712	3(3+0)
7	Nuclear Physics	1716	3(3+0)
8	Experimental Techniques	1718	3(3+0)
9	Semiconductor Physics	1720	3(3+0)
10	Quantum Field Theory	1721	3(3+0)
11	Crystallography	1724	3(3+0)
12	Physics of Glasses	1726	3(3+0)
13	Physics of Metals & Alloy	1728	3(3+0)
14	Non-Crystalline Materials	1729	3(3+0)
15	Renewable Energy Resources	1730	3(3+0)
16	Environmental Physics	7792	3(3+0)
17	Antenna Theory	7793	3(3+0)
18	E.M. Field Analysis	7794	3(3+0)
19	Microelectronics	7795	3(3+0)
20	High Frequency Electrodynamics	7796	3(3+0)

21	Quantum Information Theory	7797	3(3+0)
22	Electron Microscopy	7798	3(3+0)
23	Climatology	8771	3(3+0)
24	First-Principles Computation	8772	3(3+0)
25	Theory and Practice of DFT Calculations	8773	3(3+0)
26	Introduction to Nanoscience and Nanotechnology	8774	3(3+0)

Semester 3 (Research)

1	Thesis	1725	6+0
---	--------	------	-----

Semester 4 (Research)

1	Thesis	1725	6+0
---	--------	------	-----

VIII. FEE TARRIF:

Item	Rates
Admission Fee (at the time 1 st semester)	Rs.1500/-
Registration Fee (if not already)	Rs.1000/-
Course Fee (for each 3 credit hours per semester) Rs.7200/-	Rs.28,800/-
Technology Fee: Per student each semester	Rs.500/-
Thesis Fee: Per credit hours (12 credit hours)	Rs.28,800/-
Thesis Evaluation fee:	Rs.20,400/-
Total Fee for 1st Semester	Rs.31,800/-

IX. HOW TO PAY THE FEE:

The admission in this programme is purely on merit basis. No fee is to be paid unless intimated by the university. The fee is to be deposited through Challan Form (only) in the specified branches of Banks in Main campus of AIOU Islamabad, on the day of admission. The candidate will write his name (in block letters) full address and M.Phil Physics Programme and semester on the Challan Form attached. Please keep a photocopy of the form and paid fee slip for record.

X. TRAVELING & BOARDING/LODGING EXPENSES:

The AIOU does not have lodging and boarding facilities at the moment except at 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.

XI. HOSTEL FACILITIES:

The student coming from other cities can avail the hostel facility on reasonable rates (other than fee)

XII. 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.

For any kind of assistance, kindly contact on the following:

Prof. Dr. Syed Zafar Ilyas,
Chairman, Department of Physics,
Science Block, 1st Floor,
Allama Iqbal Open University, Sector - H-8, Islamabad.
Email: szilyas@aiou.edu.pk

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

DEPARTMENT OF STATISTICS

Introduction:

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 significant impact on our lives and are a key to discoveries and innovation. Over the time, with concerted efforts, the Department has grown to its full potential and is vigorously involved in participating towards 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 private sector.

The vision of 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 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 Programmes

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

- PhD Statistics
- MPhil Statistics
- BS (4 years) Statistics

All the courses and programmes are designed to meet the challenging statistical needs in 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 syllabi of national and international universities. It helps to strengthen the statistical concepts and logical thinking among our students.

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

MPhil Statistics

a) Introduction:

The MPhil Statistic programme is being offered in the Department of Statistics, Main Campus, AIOU, Islamabad since 2001. This programme meets the challenging requirements of today's fast growing world demands. It also provides the experts not only in the field of statistics but also in other allied social and science disciplines.

The Department has its own computer laboratory enriched with high speed latest computers, multimedia, and latest statistical softwares. Furthermore, the Video Conference facility is also available.

Salient Features:

- Face to Face learning from highly qualified faculty.
- Availability of high speed internet and enriched library facility at AIIOU.
- Hostel facility is also available on nominal payment during the workshops.

b) Objectives:

The main objectives of MPhil Statistics programme are:

1. To enhance the qualification of those who could not continue their education after MSc Statistics.
2. To provide opportunity for in-service persons to improve their qualification and get promotion in their respective departments.
3. To get quality teachers/researchers of Statistics at all levels.

c) Eligibility:

The candidates must have MSc Statistics/BS Statistics (four years) degree from any HEC recognized university/institute with minimum 2.5 CGPA (in semester system) or 2nd Division (in annual system). Both in-service and fresh candidates can apply for admission.

d) Duration:

The minimum duration of MPhil programme is 4 semesters (two years) and maximum duration is 8 semesters (four years).

e) Scheme of Studies:

(i) The Semester Wise Course Offering (M. Phil)

First Semester

Code	Title	Credit Hours
1st Semester		
1732	Probability and Stochastic Processes	3(3+0)
1739	Advanced Econometrics	3(3+0)
-	Elective-I	3(3+0)
-	Elective-II	3(3+0)

Sub Total: 12(12+0)

Second Semester

Code	Title	Credit Hours
1735	Statistical Inference	3(3+0)
1736	Research Methods	3(3+0)
-	Elective-III	3(3+0)
-	Elective-IV	3(3+0)

Sub Total: 12(12+0)

Third Semester

Code	Title	Cr. Hours
1737	Research Thesis	12(12+0)

Sub Total: 12(12+0)

Fourth Semester

Code	Title	Cr. Hours
1737	Research Thesis	12(12+0)
Total Credit Hours:		36

Elective Courses:

Following is the list of elective courses for MPhil Statistics programme:

Sr. No.	Course Title	Course Code	Credit Hours
1	Numerical Analysis	1733	3(3+0)
2	Linear Models	1738	3(3+0)
3	Multivariate Methods	1740	3(3+0)
4	Multivariate Analysis	1741	3(3+0)
5	Advanced Experimental Design	1801	3(3+0)
6	Categorical Data Analysis	1802	3(3+0)
7	Survey Sampling	1803	3(3+0)
8	Statistical Pattern Recognition	1804	3(3+0)

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

(ii) Synopsis/Research Work:

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 (1736). 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.

f) Fee Tariff:

Tuition Fee	Fee @	Fee/Semester
	Rs.7200/- (3 Cr. Hours)	Rs.28,800/- (12 Cr. Hours)
Registration fee (payable at the time of first admission)	Rs.1000/-	Rs.1000/-
Technology fee + Courier Charges: (per student per semester)	Rs.500/-	Rs.500/-
Admission fee (payable at the time of first admission)	Rs.1,500/-	Rs.1,500/-
First Semester Fee		Rs.31,800/-

Admission Procedure:

- a. A Departmental Admission Committee is responsible to finalize the admissions by conducting test and interview of the candidates.
- b. Admission in MPhil Statistics will be granted against limited seats strictly on the basis of merit/written test/interview as approved by the University. The University reserves the right not to start this programme if viable group of students not formed.
- c. Only selected candidates, approved by the competent authority of AIOU, will be informed about their admission by the admission department.
- d. The prevailing University rules/regulations regarding MPhil enforced from time to time shall strictly be followed for the MPhil statistics programme.
- e. As MPhil statistics is a face to face programme, 70% attendance in workshop/classes is compulsory otherwise the student will not be allowed to appear in sessional tests as well as in final examination.

Note:

1. Successful candidates are supposed to deposit their fee as per procedure laid down by the university in the intimation letter.
2. Fee can neither be refunded nor be adjusted for future admission after finalization of admission.
3. It is the responsibility of the admitted student to remain in contact with the department regarding his/her programme.

g) Instructional Methodology:

Study Material:

A book (only soft copy) for each course will be provided to the students by the university. A list of recommended books will also be given for further reading.

Face to Face teaching (Tutorials):

For each course, approximately 48 hours face to face teaching support will be provided. 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 the computers where required. 70% attendance in face to face teaching would be compulsory.

Continuous Assessment and Final Examination

- The distribution of continuous assessment and final examination of each 3 credit hours course work shall be as follows:

i) Continuous Assessment & Mid Term	50% (20+30)
ii) Final Examination	50%
Total:	100%
- 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:

In the 3rd Semester, student will be required to submit a research proposal (synopsis) to the department during the Synopsis Orientation Workshop. One month before the specified date for final submission of thesis for external evaluation, the student have to present his/her research work to the departmental committee.

Viva Voce:

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

Applying Procedure for Admission in MPhil Statistics

Step-1: First of all, register yourself on AIOU website and remember user name and password for future contact to AIOU.

Step-2: Select your programme & semester and generate a dully filled admission form and challan form for the deposit in mentioned banks.

Step-3: Post/Submit by hand the stamped Bank Fee Receipt and Admission Form on the following address:

Chairman
Department of Statistics
Lower Ground Floor, Science Block
Sector H-8, AIOU, Islamabad.
Ph. No. 051-9057266, 9250062
Email: statistics@aiou.edu.pk

FACULTY MEMBERS

1. **Prof. Dr. Irshad Ahmad Arshad**
Chairman
Ph: 051-9057163, 051-9250062
Email: irshad.ahmad@aiou.edu.pk
2. **Dr. Muhammad Zakria**
Associate Professor
Ph: 051-9057372
Email: zakria@aiou.edu.pk
3. **Dr. Zahid Iqbal**
Associate Professor
Ph: 051-9057446
Email: Zahid.iqbal@aiou.edu.pk
4. **Dr. Tauqir Ahmed Mughal**
Assistant Professor
Ph: 051-9057209
Email: tauqirahmed1@outlook.com
5. **Dr. M. Yameen Danish**
Lecturer
Ph: 051-9057209
Email: yameen.danish@aiou.edu.pk
6. **Staff Phone:**
Ph: 051-9057266

Semester-II (Pure/Applied)		
	Optional-I	3(3+0)
	Optional-II	3(3+0)
	Optional-III	3(3+0)
	Optional-IV	3(3+0)
Semester-III & IV:		
7750	Thesis	12

List of Optional Courses

List of Optional Courses (Applied Math)

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

List of Optional Courses (Pure Math)

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

Synopsis/Research Work:

After the completion of 24 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) and only those students will be eligible to attend the synopsis orientation workshop who have qualified at least 12 credit hours (4 courses). The purpose of the SOW is to guide the MPhil scholars/researchers in finalizing their topics of Synopsis/Research. Participation in the SOW will be mandatory. Researchers are supposed to develop and present their synopsis before the Departmental Synopsis Committee. Finally, topic of synopsis/research will be forwarded to the concerned body for approval as per MPhil rules and regulations of the university.

Fee Tariff:

Tuition Fee	Fee @	Fee/Semester
		Rs.7200/- (3 Credit Hours)
Registration fee (payable at the time of first admission only)	Rs.1000/-	Rs.1000/-
Technology fee (per student per semester)	Rs.500/-	Rs.500/-
Admission fee (at the time of first admission)	Rs.1500/-	Rs.1500/-
First Semester Fee		Rs.31,800/-

Semester wise fee Tariff (Rupees)				
1 st Semester	2 nd Semester	3 rd Semester	4 th Semester	Grand Total
Rs.31,800/-	Rs.29,300/-	Rs.29,300/-	Rs.29,300/-	Rs.119,700/-

Please send complete admission form along with the attested copies of testimonials at the following address:

Department of Mathematics
Block # 7, Room # 1, AIOU, Sector H-8, Islamabad.
Ph# 051-9057734, 051-9250056

FACULTY MEMBERS

1. Dr. Nasir Rehman
Chairman/Associate Professor
Phone: 051-9250056 051-9057191
2. Dr. Irfan Mustafa
Assistant Professor
Ph: 051-9057155
3. Dr. Nageeb-ur-Rehman
Assistant Professor
Ph: 051-9057339
4. Mr. Muhammad Faisal Iqbal
Lecturer
Ph: 051-9057434
5. Dr. Muhammad Nazam
Lecturer
Ph: 051-9057439
2. Dr. Bismal Jamil
Lecturer
Ph: 051-9057197
3. Ms. Fouzia Rehman
Research Associate,
Ph: 051-9057191
4. **Staff:** Ph: 051-9057734

DEPARTMENT OF MATHEMATICS

Introduction:

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

- MSc Mathematics
- MPhil Mathematics
- BS Mathematics

In future, the Department intends to start PhD Mathematics programme. MPhil Mathematics has been designed after consulting syllabi of national and international universities. It will strengthen the mathematical concepts of the candidates and will enhance their logical thinking. This programme will also cater the needs of information technology and other sciences disciplines.

MPhil Mathematics Programme

Introduction:

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 programme is designed in such a way that both the course work and the research components are covered thoroughly. The expertises of distinguished mathematicians are hired to teach the students of MPhil Mathematics Programme.

Objectives:

- i. To enhance the qualification of those who could not continue their education after MSc Mathematics through formal universities.
- ii. To provide an opportunity to in service persons to improve their qualification and get promotion in their respective departments.
- iii. To produce quality teacher/researchers of Mathematics at all levels.

Summary of the Programme:

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		

Duration:

The minimum period for completion of course work is two semesters (one year). The minimum period for completing research work is two semesters (one year). The maximum time period to complete the degree is 4 years.

Eligibility:

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

Admission Procedure:

- Admission in MPhil Mathematics will be granted against limited seats strictly on the basis of merit as approved by the university.
- There shall be departmental test and interview (equivalent to GRE/GAT general).
- Departmental admission committee will be responsible to finalize the admissions.

Course Work Evaluation:

Continuous Assessment & Mid Term: 50%
Final Examination: 50%

Students have to obtain minimum 50% marks in continuous assessment/Mid Term and to maintain minimum class attendance 70% in a course.

Pass percentage in aggregate shall be 50%.

Payment of Fee:

Admission will be strictly on merit. **Only the selected candidates should deposit the fee after receiving the admission letter from Admission Department of AIOU.**

Hostel Facility:

The hostel facility is available for both the male and female students. Separate fee has to be paid for attaining the hostel and this facility is subject to availability.

Mode of Teaching:

Each course will be of (3+0) credit hours. It is proposed to hold two workshops/weekend classes during the semester. There will be at least 45 hours face to face teaching for each course.

Place of Offering:

Main Campus AIOU, Islamabad only.

Scheme of Studies:**Semester-I:**

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

Semester-II (Pure/Applied)		
	Optional-I	3(3+0)
	Optional-II	3(3+0)
	Optional-III	3(3+0)
	Optional-IV	3(3+0)
Semester-III & IV:		
7750	Thesis	12

List of Optional Courses

List of Optional Courses (Applied Math)

1.	Mathematical Techniques for BV	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)

Synopsis/Research Work:

After the completion of 24 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) and only those students will be eligible to attend the synopsis orientation workshop who have qualified at least 12 credit hours (4 courses). The purpose of the SOW is to guide the MPhil scholars/researchers in finalizing their topics of Synopsis/Research. Participation in the SOW will be mandatory. Researchers are supposed to develop and present their synopsis before the Departmental Synopsis Committee. Finally, topic of synopsis/research will be forwarded to the concerned body for approval as per MPhil rules and regulations of the university.

Fee Tariff:

Tuition Fee	Fee @	Fee/Semester
	Rs.7200/- (3 Credit Hours)	Rs.28800/- (12 Credit Hours)
Registration fee (payable at the time of first admission only)	Rs.1000/-	Rs.1000/-
Technology fee (per student per semester)	Rs.500/-	Rs.500/-
Admission fee (at the time of first admission)	Rs.1500/-	Rs.1500/-
First Semester Fee		Rs.31,800/-

Semester wise fee Tariff (Rupees)				
1 st Semester	2 nd Semester	3 rd Semester	4 th Semester	Grand Total
Rs.31,800/-	Rs.29,300/-	Rs.29,300/-	Rs.29,300/-	Rs.119,700/-

Please send complete admission form along with the attested copies of testimonials at the following address:

Department of Mathematics
Block # 7, Room # 1, AIOU, Sector H-8, Islamabad.
Ph# 051-9057734, 051-9250056

FACULTY MEMBERS

1. Dr. Nasir Rehman
Chairman/Associate Professor
Phone: 051-9250056 051-9057191
2. Dr. Irfan Mustafa
Assistant Professor
Ph: 051-9057155
3. Dr. Nageeb-ur-Rehman
Assistant Professor
Ph: 051-9057339
4. Mr. Muhammad Faisal Iqbal
Lecturer
Ph: 051-9057434
5. Dr. Muhammad Nazam
Lecturer
Ph: 051-9057439
2. Dr. Bismal Jamil
Lecturer
Ph: 051-9057197
3. Ms. Fouzia Rehman
Research Associate,
Ph: 051-9057191
4. **Staff:** Ph: 051-9057734

GENERAL INFORMATION

- i. The certificates/degrees of AIOU are equivalent to any other recognized Board/University.
- ii. If an applicant of post-graduate/research level programme does not receive any information regarding admission within three months from submission of application, he/she should presume non-selected.
- iii. A course taken by any student cannot be change during the semester.
- iv. **Admission to courses for both the Spring and Autumn semesters are generally offered in the months of January and July, respectively, whereas, examinations commenced in November and May respectively. The continuing students will Enroll online on AIOU website and deposit fee within due date.**
- v. Fee cannot be refunded once paid for admission nor can it be adjusted for any other programme.
- vi. On payment of the registration fee, each student will be issued a registration number. This number must be quoted in all the future correspondence along with the roll number, course(s), code numbers and semester.
- vii. Study material shall be available on university website.
- viii. 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 their implementation.
- ix. A student who fails in continuous assessment component is not eligible to reappear but will be allowed to re-register for the same course at its next offering semester by the university.
- x. It is the responsibility of the student to remain in touch with the department regarding the selected programme.
- xi. A student already admitted to a programme or a specialization of a programme shall not be allowed to transfer or to get admission to another programme unless he/she formally postpones it till the completion of the new programme or withdraws from the previous programme.
- xii. After completion of a programme successfully, a student has to 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 will be considered as correct name. The Examination Department shall also issue certificate/ degree on the said name.
- xv. In case provision of forged documents for admission, not only the admission will be refused to the applicant but the fee deposited by him/her will also be forfeited. The university may proceed further in the matter.

PROCEDURE FOR DEPOSITING FEE

- Applicants will deposit admission processing fee (Rs.500) in designated banks or through Telcos.
- Eligible candidates for (**Merit Based Programmes**) are required to deposit admission fee in any branch of the following banks:
 1. First Women Bank Limited (FWBL)
 2. Allied Bank Limited (ABL)
 3. Muslim Commercial Bank (MCB)
 4. United Bank Limited (UBL)
- 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 detail please visit university website.
- The Banks/Mobile App/Retailer Agents/Franchise/Branches will provide Transaction ID of deposited fee.

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.

IMPORTANT TELEPHONE NUMBERS

Sr.#	Name	Telephone Nos.
1.	Director Admissions	051-9250043 051-9250162 (Fax)
2.	Controller of Examinations	051-9250012
3.	Director Students Affairs	051-9250174
4.	Superintendent (Postgraduate)	051-9057422
Helpline: (051) 111 112 468 Help Desk: support.aiou.edu.pk/		