

AIOU

Admission Spring 2022

PROSPECTUS

Ph.D/M.Phil/MS/MSc(Hons)



Allama Iqbal Open University, Islamabad

www.aiou.edu.pk

Help Line: (051) 111-112-468

PROSPECTUS
OF
PhD/MPhil/MS/MSc Hons Programmes
FOR
SEMESTER: SPRING, 2022



Allama Iqbal Open University
Islamabad

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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 Programmes 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 Programmes 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

**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	5 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.

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

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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 education journey through formal system of education. The University (AIOU) operates on semester system and admits students in Autumn and Spring semesters. Under graduate admissions are offered in both the semesters where-as post graduates are offered once a year. The enrolled students are given course books specially 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 comprises of 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 MCom, MBA (IT), MBA (Banking and Finance), BS (CS), etc. are being provided instruction, guidance and counselling through face-to-face education. AIOU is offering four years under graduate degrees.

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 SCIENCES

Faculty of Sciences forms an important and integral part of the university. Since its establishment in 1982 with five teaching departments, it has undergone major development changes. It now comprises nine teaching and research departments which are offering courses at the undergraduate and postgraduate levels to more than ten thousand students. The Faculty operates under the basic guidelines of the University Act and on "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 the postgraduate study programmes. Improvement in qualifications 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 growing needs 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 Sciences, Home & Health Sciences, Mathematics & Statistics and Physics. These departments are running a variety of postgraduate technical, scientific and professional programmes successfully.

The Research Complex also has a Computer Lab with Internet and On-line Library Facility for literature survey, Seminar Room, Lecture Hall and Library. In addition, there are many labs for practical work, teaching and research, and instrumentation labs for analysis. The University is developing these labs through its own resources. The Faculty of Sciences is fortunate to have Prof. Dr. Zia-ul-Qayyum as the University's Vice-chancellor, who has given personal attention to the development of the Faculty of Sciences by providing generous amount of funds and valuable guidance.

Two Model labs have 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 for training of teachers 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 courses to meet students' needs is vital. Faculty members also engage in teaching and research so that

high standards are maintained. In addition, highly qualified and experienced professors are also engaged on contractual basis or as part time instructors for postgraduate study programmes. The Faculty is also offering academic positions under the tenure-track system to attract the best minds in scientific and technological fields.

Research is an integral part of the postgraduate study programmes leading to MSc, MPhil, and PhD degrees in Agricultural Sciences, Chemistry, Computer Sciences, Home and Health Sciences, Mathematics and Statistics and Physics. Rules and regulations governing the postgraduate study programmes are those approved by the Higher Education Commission (HEC).

For MS and MPhil degree, 24 credit hours of Coursework and a minimum of one year of research work in a specialized area of the disciplines is required. A candidate for the 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 BS programme in Chemistry and Microbiology from semester Spring 2009. The four-year BS programme is structured according to the recent policies of the Higher Education Commission for the improvement of the standard of education so as to bring it at par with the international standards.

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 programs. All these programmes are approved by Higher Education Commission, Islamabad.

- PhD Statistics
- MPhil Statistics
- MSc 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.

PhD Statistics

a) Introduction:

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

b) Objectives:

The main objectives of PhD Statistics Programme are:

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

c) Eligibility:

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

d) Duration:

The minimum duration of PhD Statistics Programme is 3 years (6 semesters) and maximum duration shall be five years (10 semesters).

e) Scheme of Studies:

Code	Title	Credit Hours
1st Semester		
4769	Advanced Topics in Regression and Econometrics	3(3+0)
-	Elective-I	3(3+0)
-	Elective-II	3(3+0)

2nd Semester

4770	Advanced Topics in Statistical Inference	3(3+0)
-	Elective-III	3(3+0)
-	Elective-IV	3(3+0)

3rd Semester — 6th Semester

Code	Title	Cr. Hrs
4768	Research Thesis	36(36+0)

Elective Courses:

Following is the list of elective courses for PhD Statistics program:

Sr. No.	Course Code	Course Title	Credit Hours
1	4761	Survival Analysis	3(3+0)
2	4762	Bayesian Inferential Statistics	3(3+0)
3	4763	Stochastic Processes	3(3+0)
4	4765	Measure Theory	3(3+0)
5	4766	Response Surface Design	3(3+0)
6	4767	Recent Developments in Statistics	3(3+0)
7	9751	Actuarial Statistics	3(3+0)
8	9752	Statistical Theory for Extreme Events	3(3+0)
9	9753	Mixture Distributions	3(3+0)
10	9754	Applied Time Series Econometrics	3(3+0)
11	9755	Spatial Data Analysis	3(3+0)
12	9756	Generalized Logistic Regression	3(3+0)
13	9757	Repeat Measure Analysis	3(3+0)
14	9758	Multilevel Modeling	3(3+0)
15	9759	Mathematical Demography	3(3+0)

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

f) Fee Tariff:

Admission fee (At the time of first admission)	Rs.2500/-
Per 3 credit hours (9000 x 3) = 27,000/-	Rs.27,000/-
Registration fee (At the time of 1st admission only)	Rs.2500/-
Technology fee (per student per semester)	Rs.500/-
First Semester Total Fee	Rs.32,500/-

g) Instructional Methodology:

Face to Face teaching (Tutorials):

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

Course Work Evaluation:

The distribution of marks of each 3 credit hours course work of PhD shall be as follows:

- Continuous Assessment & Mid Term 50% (20+30)
- Final Examination 50%

Total: 100%

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.

Note: If a student fails to achieve the required aggregate in any of the assessment component of a particular course he/she will have to re-enroll in that course.

Comprehensive Examination:

The students completing the PhD coursework shall be allowed to appear in Comprehensive Examination arranged and conducted by the Department as per rules of the Higher Education Commission (HEC). Only those candidates who

pass the comprehensive examination will be allowed to continue with their PhD research work and attend the two-week synopsis workshop after depositing the required fee.

Thesis:

The 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 has 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.

Chairman
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For further clarification/guidance, please feel free to contact on the following contents:

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DEPARTMENT OF CHEMISTRY

The department of chemistry was established in March 1998. Its faculty consists of four Associate Professors, three Assistant Professor, three 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 CHNS Analyzer, 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 will be 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. MSc Chemistry
(Organic, Inorganic and Physical Chemistry Specialization)
4. MPhil Chemistry
5. PhD Chemistry

PhD Chemistry

1. Introduction

The Department of Chemistry is offering PhD programme since 2005 at main campus, AIOU.

2. Objectives

PhD Chemistry programme is research based degree main objective of this programme is to inculcate the culture of research and innovation through high quality work. The capacity to devise, design and conduct research that has real academic weight.

3. Eligibility

Candidates holding MS/MPhil or equivalent degrees 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 and interview for admission.

Students are required to apply to [online](http://online.aiou.edu.pk) Since admission in PhD programme 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

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 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 expertise.

Description of PhD Chemistry Research Work & Thesis

1764	Research Work and Thesis	36
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4. Offering

This programme is being offered at the university main campus in Islamabad.

5. Assessment

Continuous Assessment

Continuous assessment will be based on assignments and mid-term exams. The pass percentage in continuous assessment in mid-term will be 30%. 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 final examination will be 70% and its weightage in the final result 50%.

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

Note: If a student fails to achieve the required aggregate in any of the assessment component of a particular course he/she will have to re-enroll in that course.

Assessment of Research Thesis

After the completion of coursework, 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.

*PhD Fee Structure

Item	Rates
Tuition Fee Per 3 credit hours Rs.9000 (9000 x 3) = 27,000/-	Rs.27000/- per semester
Admission Fee	Rs.2500/-
Registration Fee (if not already)	Rs.2500/-
Technology Fee	Rs.500/-
Total Fee (First Semester)	Rs. 32,500/-

Thesis Evaluation Fee: Rs. 108,000/-

*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.

IMPORTANT ADDRESSES AND TELEPHONE NUMBERS

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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 (3 years) and maximum duration of the programme shall be 10 semesters (5 years). However, Extension will be availed as per AIOU policy. Student will have to 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)	
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 for the Direct PhD programme shall be six semesters (3 years) and maximum duration of the programme shall be 10 semesters (5 years). However, Extension will be availed as per AIOU policy.
 - 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.
2. 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

1. The number of compulsory face to face teaching hours shall be 48 for each course (3 credit hours).
2. 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.

7. 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)

3rd Semester — 6th Semester

(Research) Thesis	9700	36
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8. 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)
 - (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.

Note: The policy of appear and again re-appear has been discontinued.

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 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

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 AIOU.

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.108,000/-

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
(30+5+5) 40
 - 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, video conferencing, e-mail, internet, telephone coaching on prescribed schedules, broadcast and non-broadcast audio visual programs etc.
2. The minimum number of compulsory face to face teaching hours shall be 48 for each course (3 credit hrs.)
3. The duration of synopsis orientation workshop shall be of two weeks in the beginning of 3rd semester.

V. COURSE WORK EVALUATION

1. 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.
2. The distribution of continuous assessment and final examination of each 3 credit hour course work shall be as follows:

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

Note: The policy of re-appear and again re-appear has been discontinued.

VI. THESIS/PROJECT REQUIREMENTS

1. 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.
2. 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	Code	Cr. Hrs
1	Mathematical Physics	1701	3+0
2	Electrodynamics	1703	3+0
3	Solid State Physics	1722	3+0
4	Research Methodology	7791	3+0

Semester 2 (Optional Courses)

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

S.#	Course Title	Code	Cr. Hrs
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)
27	Physics of Solar Cells	1727	3(3+0)

3rd Semester & 4th Semester (Research)

Thesis	1725	12(12+0)
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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.28,800/-
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 AGRICULTURAL SCIENCES (DAS)

Introduction:

The Department of Agricultural Sciences (DAS) is making earnest efforts aiming at supplementing, supporting and re-enforcing extension services and offering agriculture related programmes at different levels.

Agriculture progress in most developing countries has mainly involved an increase in the production of staple crops, the introduction of industrial crops and development of livestock production.

Programmes:

The DAS offers the following programmes /courses at different level.

Programmes at Postgraduate Level

1. PhD Agricultural Extension
2. MSc (Hons) Agricultural Extension
3. MSc (Hons) Livestock Management
4. MSc (Hons) Rural Development
5. MSc Forestry Extension

Besides Postgraduate programmes the department also offers Higher Secondary School Certificate (HSSC), Secondary School Certificate (SSC) and STEP courses.

Future Programmes:

The Department of Agricultural Sciences (DAS) intends to offer the following programmes in future:

1. MPhil Agricultural Technology
2. BS Agricultural Technology

PhD Agricultural Extension

a) Introduction

Education is a continuous life long process. It is the most effective tool of creating a high productive manpower. Agricultural Education in Pakistan needs to integrate the goals of improving human, social and ethical attributes in the students, with specific requirements to produce graduate who can perform various tasks in the agricultural economy of the country, both in the public and private sectors.

For agricultural development in the country, strong linkages amongst institution, human resource development and technology transfer are very important. The technology transfers, being a continuous process, can be done in a well-organized way through an efficient agricultural extension system where integrated roles of the scientists, the extension agents and the farmers are all importantly interlinked. The scientist on their part develops better yielding varieties and breeds of crop and animals and the extension agent, on his part convince the farmers of the products utilitarian importance. The farmer when convinced will certainly adopt innovations for his own economic betterment.

Allama Iqbal Open University being concerned with the education part of the Agricultural Extension system has launched PhD degree level programme in Agricultural Extension to prepare scholars who have grasp of the discipline in general and a command over the area of specialization in particular.

b) Objectives:

PhD Programme in Agricultural Extension is designed to:-

- Prepare scholars who have grasp of the discipline in general and a command over the area of specialization in particular.
- Establish a cadre of specialists and professionals in the field of Agricultural Extension who can provide effective leadership in guiding and conducting quality research in Agricultural Extension.
- Provide opportunities of professional growth and development of scholars in general and in-service personnel in particular.

c) Admission Requirements

1. The minimum entry requirement for admission to PhD in Agricultural Extension shall be M.Sc (Hons) Agricultural Extension with first division or 3.0 CGPA.

OR

MSc (Hons) Agriculture degree with first division or 3.0 CGPA with deficiency courses. The deficiency courses will be given by PhD admission committee to those candidates whose basic eligible degree is other than Agricultural Extension specialization from approved courses of MSc (Hons) Agricultural Extension Program.

2. Admission will be made as per HEC criteria.
3. All rules of BASR/AIOU/HEC regarding PhD will apply to PhD Agricultural Extension Program.

d) Courses of PhD Agricultural Extension

The following courses will be taught in PhD Agricultural Extension programme and the total credit hours are 18, according to the HEC criteria.

1st Semester

Sr. No.	Code	Course Title	Credit Hours
1	1742	Application of Extension Methods	3(3+0)
2	2527	Communication Strategies in Agricultural Extension	3(3+0)
3	2524	Agricultural Extension in Developing Countries	3(3+0)

2nd Semester

1	2505	Diffusion of Innovation	3(3+0)
2	1743	Community Development and Gender Issues	3(3+0)
3	1744	Special Topics	3(3+0)

3rd and 4th Semester

1771	Thesis	36
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e) Semester Wise Break Up of the Courses

1st Semester

1. Application of Extension Methods (1742)
2. Communication Strategies in Agricultural Extension (2527)
3. Agricultural Extension in Developing Countries (2524)

2nd Semester

1. Diffusion of Innovation (2505)
2. Community Development and Gender Issues (1743)
3. Special Topics (1744)

3rd Semester

Comprehensive examination written & oral/synopsis and research work. Research in the remaining semesters as per AIOU rules.

Classes: Face to face/Online classes will be held for each semester. Attendance in the class will be compulsory or as per PhD rules.

Important Note:

Rules regulations framed, enhanced 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.

f) Fee Tariff:

Item	Fee
Registration Fee (Once, at the time of first Admission)	Rs.2500/-
Admission Fee (Once at the time of first Admission)	Rs.2500/-
Technology Fee + Postal Charges (Per student per semester)	Rs.500/-
Course Fee: Per 3 credit hour Rs.9000/- (9000 x 3) = Rs.27,000/-	Rs.27,000/-
Thesis Fee:	Rs.108,000/-
Thesis Evaluation Fee:	Rs.108,000/-
Total Fee for 1st Semester	Rs.32,500/-

MSc (Hons) Agricultural Extension

a) Introduction

Agriculture is the principal occupation and source of livelihood of great majority of rural population of the country and it is the basic and largest component of our economy in terms of production, employment and export earnings. For agricultural development in a country like Pakistan, strong linkages amongst institution human resource development and technology transfer are very important. The technology transfer being a continuous process cannot possibly take place in a vacuum. It needs to be done in a well-organized system of agricultural extension where role of the scientist, the extension agent, and the farmer are all too important. The scientist must develop better yielding varieties and breeds of crops and animals, the extension agent must, on his part, equip himself with better and effective methods to convince the farmer about the product's utilitarian importance. Once convinced, the farmer will certainly adopt innovations for his own economic betterment.

Allama Iqbal Open University being concerned with the educational part of the agricultural extension system has therefore decided to initiate master level courses in agricultural extension for enhancing the knowledge and skill of the extension agents/workers already working in the field.

MSc (Hons) Agricultural Extension Programme is designed for those Agriculture Graduates who are unable to continue their studies after completing BSc (Hons) Agriculture, BSc Agriculture Engineering, BSc Animal Husbandry, D.V.M. from

formal Agricultural Universities and are now working in different departments, organizations, and agencies who cannot enhance their education through formal system could benefit from AIOU offer.

b) Objectives

Main objectives of the programme are:

1. To improve the level of knowledge and skills of the prospective students.
2. To provide skills for improving diffusion and adoption of innovations among the farming community.
3. To improve the ability and self-confidence of students of Agriculture Extension to critically analyze the Agriculture Extension service and technology transfer system with a view to identify difficulties, problems and issues in promoting applied research in farming systems research and extension.
4. To promote human resource development in agricultural extension and help to meet training needs of extension field staff and rural communities.

c) Eligibility

Candidates possessing BSc (Hons) Agricultural Extension degree with 2nd division.

OR

Other related discipline like BSc (Hons) Agriculture, Rural Sociology, Animal Husbandry, DVM, BSc Agricultural Engineering Degree in second division are also eligible for admission in MSc (Hons) Agricultural Extension, but the Admission Committee may define deficiency courses for them, if necessary.

Admission Procedure

- (i) Candidates must have to qualify subject test being conducted by the Department.
- (ii) Selection of the candidates will be made strictly on the basis of merit, which will be determined by the departmental admission committee after scrutinizing the application of the students as per AIOU MPhil admission rules.
- (iii) There will be a departmental admission committee responsible to finalize the admission.
- (iv) For clarification about academic matters please contact on the following address:

CHAIRMAN
Department of Agricultural Sciences
Allama Iqbal Open University
Sector H-8, Islamabad.

e) Scheme of Studies: Agricultural Extension Courses

1st Semester

Sr. No.	Code	Title of Course	Credit Hours
1	795	Agriculture Extension Education	3(3+0)
2	796	Extension Programme Development	3(3+0)
3	2525	Evaluation Research	3(3+0)
4	2526	Agricultural Extension Systems	3(3+0)

2nd Semester

Sr. No.	Code	Title of Course	Credit Hours
1	2518	Scientific & Technical Writing in Agriculture Extension	3(3+0)
2	799	Adult Learning & Rural Development	3(3+0)
3	2533	The Process & Strategies of Communication in Agriculture Extension	3(3+0)
4	1793	Human Resource Development	3(3+0)

3rd and 4th Semester

2536	Thesis	12
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Total 36 Credit Hours

f) Fee Tariff

Sr. No.	Item	Rates
1	Registration fee (Once at the time of first admission)	Rs.1000/-
2	Admission fee (Once at the time of first admission)	Rs.1500/-
3	Technology fee (per semester)	Rs.500/-
4	Each course fee per 3 credit hour 7200 x 4 = Rs.28,800/-	Rs.28,800/-
5	Thesis fee: (12 Credit Hour course)	Rs.28,800/-
6	Thesis evaluation fee: (at the time of submission of the thesis)	Rs.28,800/-
	Total Fee for 1st Semester	Rs.31,800/-

Note: Only selected candidate will deposit the fee after receiving the intimation letter from the admission department.

(g) Duration

The minimum duration of MSc (Hons) Agricultural Extension Programmes shall be 4 semesters (two years) and maximum duration shall be 8 semesters (four years). The minimum period of the 24 credit hours coursework for MSc (Hons) Agricultural Extension shall be two semesters (One Year).

In case the student fails to complete the course/research work within the prescribed maximum period, she/he has to take a fresh admission in the programme.

Classes

Face to face/online classes will be conducted for each semester. Attendance in the class will be compulsory or as per MSc Hons/MS/MPhil rules.

Course Work Evaluation

Distribution of continuous and final examination of each 3 credit hours course work shall be as follow:

- | | |
|-------------------------------------|-------------|
| i. Continuous assessment & mid Term | 50% (20+30) |
| ii. Final examination | <u>50%</u> |
| | 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. The policy of reappear and again reappear discontinued and student will reenroll in fail course.

Thesis

At the beginning of the third semester, a student will be required to submit research proposal (synopsis) to the Department. The synopsis will be prepared in accordance with the guidelines approved by the Board of Advanced Studies and Research (BASR). The Department will provide guidelines for developing of synopsis in the synopsis orientation workshop.

All AIOU MSc (Hons)/MS/MPhil rules will be applied on the synopsis/thesis MSc(Hons) Agricultural Extension.

Viva Voce

If the thesis is approved by the external evaluators, student has to appear before viva voce committee to defend his/her thesis.

The Viva voce committee will award marks as follow:

- | | |
|--------------------|-----|
| a. Viva Voce | 100 |
| b. Research Thesis | 100 |
- (Pass percentage in each component will be at least 50%)

Important Note

All rules regulations of AIOU/HEC framed from time to time will be applicable to all students of M.Sc (Hons) Agricultural Extension. The student will have to abide by all such rules and regulations.

MSc (Hons) Livestock Management

a) Introduction:

Being a part of Agriculture, Livestock sector plays great role in the progress of country. One cannot deny the importance of livestock because it produces a huge quantity of food, such as beef, mutton, poultry meat, milk, yogurt and lot of other milk and animal by products. Millions of acres are still being cultivated with the help of farm animal in this mechanized era. Livestock and poultry yields can be further increased if people involved in this field are better and skillfully educated regarding modern techniques.

At present, higher education in livestock is imparted by formal agricultural and veterinary universities in Pakistan, which are not catering in-service personnel. However, AIOU has its own character having varieties of educational methodologies within itself. The AIOU conducted a survey to get an idea about the higher education in Livestock Management and received a positive response from candidates who could not improve their qualification from formal institutes. After which the department of Agricultural Sciences (DAS) decided to offer MSc (Hons) Livestock Management through distance learning system, especially for those who could not enhance their qualification through formal system.

b) Objectives:

1. To develop human resource necessary for transferring subsistence scale of livestock farming into commercial livestock production.
2. To provide an opportunity for continued professional development to the scientist in the area of marketing.
3. To provide information on the concepts of livestock development, public health and their integration in livestock production practices.
4. To create awareness about the livestock farming production, practices which will in turn promote community based livestock development.

c) Eligibility:

Candidates possessing DVM degree or BSc (Hons) Animal Husbandry degree equivalent to second division in Annual System (not less than 2.5 CGP) in semester system will be eligible for admission.

d) Admission Procedure:

- (i) Candidates must have to qualify Subject Test being conducted by the Department.
- (ii) Selection of the candidates will be made strictly on the basis of merit, which will be determined by the departmental admission committee after scrutinizing the application of the students as per AIOU MPhil admission rules.
- (iii) There will be departmental admission committee responsible to finalize the admission.
- (iv) For clarification about academic matters please contact on the following address:

CHAIRPERSON

Department of Agricultural Sciences
Block No.6, 1st Floor,
Allama Iqbal Open University, H-8, Islamabad.
Ph: 051-9057749

e) Scheme of Studies

COURSES TITLE MSc (Hons) Livestock Management

SEMESTER WISE COURSE OFFERING

Sr.#	Title of course	Code	Credit Hours
1st Semester			
1.	Biochemistry	780	3(2+1)
2.	Statistics	794	3(3+0)
3.	Meat Production	774	3(2+1)
4.	Rangeland Management in Pakistan	2501	3(3+0)
2nd Semester			
5.	Dairy Production	778	3(2+1)
6.	Livestock Management Practices	775	3(2+1)
7.	Small Ruminant Production	773	3(2+1)
8.	Livestock Industry	782	3(3+0)
3rd and 4th Semester			
1.	Thesis	797	12

Total 36 Cr. Hrs.

f) Fee Tariff:

Item	Fee
Registration Fee (Payable once at the time of admission)	Rs.1000/-
Admission Fee (Payable once at the time of admission)	Rs.1500/-
Technology Fee (per student per semester)	Rs.500/-

Course Fee: Per 3 credit hour Rs.7200/- (7200 x 4) = Rs.28,800/-	Rs.28,800/-
Thesis Fee:	Rs.28,800/-
Thesis Evaluation Fee:	Rs.28,800/-
Total Fee First Semester:	Rs.31,800/-

g) Instructional Methodology:

Laboratory Works:

The laboratory of local Animal husbandry/Veterinary Institutes/ NARC universities or appropriate livestock farms will be engaged for this purpose and will be supervised by the tutors appointed by the university.

Practical:

The list of practical of following course codes as follows: -

1. **Dairy production (778)**

Dairy breed characteristics, selection on the basis of genotypic and phenotypic characteristics, Design and layout of modern dairy enterprise, practice of manual and machine adoption of hygienic measures at milking time, measurement of milk flow rate, least count ration formulation using computer Programmes. Visit to dairy enterprises.

2. **Meat Production (774)**

Ante and post-mortem examination, slaughtering and flaying methods, determination of dressing percentage, meat grades and carcass evaluation, meat cuts, determining important physical and chemical properties of various meats. Organoleptic studies of meats, visit to slaughter house.

3. *Small Ruminant Production (773)*

Selection and judging of sheep and goats for wool, mutton and milk. Farm practices including identification, culling, dipping, deworming, trimming feet, farm visits, Preparation of feasibility reports, computerized record keeping.

Wool and hair sampling, microscopic structure of animal fibers, measurement of fiber length and diameter, detection of extractable matters, histological studies of follicles and fiber, handling, sorting, scoring, grading, packing, labeling and storage of animal fiber measurement of crimp, staple length, wool fat, suint and ash, visual grades of wool, visit to woolen mills and carpet industry and wool test house. Visit to animal fiber market.

4. *Biochemistry (780)*

Diffusion and osmosis process. Qualitative test for carbohydrate, fats and protein, Estimation of Ca and Mg in milk, urine and blood hemoglobin estimation.

5. *Livestock Management Practices (775)*

Methods of approaching, handling and restraining animals, regions and points of body, grooming and cleaning, identification of various breeds of farm animals. Methods of identification, preparing gestation charts, determining weight of animals from body measurement, measuring physiological norms, preparing animals for shows, visit to livestock fairs.

Classes:

Face to Face/online classes will be conducted of each semester. Attendance in the Classes will be compulsory. Distribution of continuous assessment and final examination of each 3-credit hour course work shall be as follows:

1. Continuous Assessment and Mid Term	50% (20+30)
2. Final Examination	50%
Total	100%

Pass percentage shall be 50 in each component. No reappear and again reappear allowed.

h) Duration of Programme:

The minimum duration of MSc (Hons) Livestock Management programme shall be two years and maximum duration shall be four years. There will be two Semesters in each year.

1. The minimum period of the 24 credit hours course work for MSc (Hons) Livestock Management shall be two semesters (One Year).
2. In case the student fails to complete the course/research work within the prescribed maximum period, she/he has to take a fresh admission in the programme.

Thesis:

At the beginning of the third semester, a student will be required to submit research proposal (Synopsis) to the Department. The synopsis will be prepared in accordance with the guidelines approved by the Board of Advance Studies and Research (BASR). The Department will provide guidelines for developing synopsis in the synopsis orientation workshop.

Important Note:

Rules, regulations framed, enhanced and changed from time to time by the authorities/bodies of the University will be applicable to all the students. The students will have to abide by all such rules and regulations.

MSc (Hons) Rural Development

(a) Introduction

Despite the existence of large urban centers, Pakistan is still predominantly a rural society with approximately 70 percent of the population living in the rural areas. Rural development implies comprehensive and sustainable development for people and places in rural areas. It depends on several interrelated components including development appropriate production technology, dissemination of modern technology to the farming community, formulation of suitable policies for growth in the farm and rural non-farm economies, conservation and sustainable use of natural resources, and provision of infrastructure and social services. All countries in the world are subject to continual social and economic change, and the rural sectors of developing countries and countries in transition are pivotal in this process. It is recognized that in a context of increasing globalization and understanding of the underlying driving forces of this process and its consequences is critical.

Achieving rural development and responding to these global challenges will require trained professionals with a wide range of relevant expertise. These are needed to work in government agencies, non-governmental organization (NGOs) and in the private sector. Professionals are needed who can formulate appropriate policies, plans, design and implement development projects, disseminate appropriate technology and information to farmers and small-scale entrepreneurs and manage business and the efficient delivery of services in rural areas. Recognizing the growing needs and requirements for trained professionals in rural development AIOU has decided to initiate a Masters level programme in Rural

Development. This programme provides graduates with an interdisciplinary base from which to approach the diverse issue involved in rural change. It is designed for students interested in pursuing careers that are interactive with the potential and problems associated with the rural sector. The programme is multidisciplinary in its course contents, and will provide an opportunity for in depth study of the key elements of rural development and relevant professional practice.

b) Objectives

The programme gives students the opportunities to develop:

1. A critical awareness of the social, economic and management issues underlying socio-economic change.
2. Conceptual and analytical skills relevant to the social and economic dimensions of agriculture and related industries.
3. A set of potential skills pertinent to working in the public private or NGO domains.
4. The ability to change with, and influence, rational debates concerning the optimal direction of rural sector change.
5. Sufficient knowledge and understanding of the major problems socio-cultural and economic conditions of rural areas in Pakistan.

c) Eligibility

BSc (Hons) Agriculture/D.V.M./Animal Husbandry/ Agriculture Engineering degree in 2nd division or MA/MSc in Social Work/ Sociology/Rural Sociology/Anthropology/ Forestry/ Forestry Extension/ Developmental Studies/ Environmental Sciences/ Economics/HRD/NRM/Business Management degree with second division/ 2.5 CGPA.

d) Scheme of Studies

1st Semester

Sr. No.	Code	Title of Course	Credit Hours
1.	1790	Sustainable Rural Development	3(3+0)
2.	1791	Regenerating Agriculture	3(3+0)
3.	1792	Rural Poverty Alleviation	3(3+0)
4.	1793	Human Resource Development	3(3+0)

2nd Semester

Sr. No.	Code	Title of Course	Credit Hours
1.	1794	NGO Management	3(3+0)
2.	1795	Research for Development	3(3+0)
3.	1796	Natural Resources Management	3(3+0)
4.	1797	Managing Projects in Rural Development	3(3+0)

3rd & 4th Semester

1798	Thesis	12
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e) Admission

- i. Selection of the candidates will be made strictly on the basis of merit, which will be determined by the departmental admission committee after scrutinizing the application of the students as per AIOU M. Phil admission rules.

- ii. Rules, regulations final, enhanced and changed from time to time by the authorities/bodies of the University will be applicable to all the students. The students will have to abide by all such rules and the regulations.
- iii. For clarification about academic matters please contact on the following address:

CHAIRMAN

Department of Agricultural Sciences
AIOU, H-8, Islamabad. Ph: 051-9250064

f) Fee Tariff: MSc (Hons) Rural Development

Sr. No.	Item	Rates
1	Registration fee (Once at the time of first admission)	Rs.1000/-
2	Admission fee (Once at the time of first admission)	Rs.1500/-
3	Technology fee (per semester)	Rs.500/-
4	Each course fee per 3 credit hour 7200 x 4 = Rs.28,800/-	Rs.28,800/-
5	Thesis fee: (12 Credit Hour course)	Rs.28,800/-
6	Thesis evaluation fee: (at the time of submission of the thesis)	Rs.28,800/-
	Total Fee for 1st Semester	Rs.31,800/-

Note: Only selected candidate will deposit the fee after securing the intimation letter from the admission department).

Duration of Programme

The minimum duration of MSc (Hons) Rural Development shall be two years and maximum duration shall be four years. There will be two semesters in each year.

The minimum period of the 24 credit hours coursework for MSc (Hons) Rural Development shall be two semesters (One Year).

In case the student fails to complete the course/research work within the prescribed maximum period, she/he has to take a fresh admission in the programme.

Classes:

Face to face/online classes will be conducted for each semester. Attendance in the class will be compulsory or As per MSc Hons/MS/MPhil rules.

Course Work Evaluation

Distribution of continuous and final examination of each 3 credit hours course work shall be as follow:

i. Continuous assessment & mid Term	50% (20+30)
ii. Final examination	<u>50%</u>
	100%
Pass percentage in aggregate shall be	50%.

The policy of reappear and again reappear is discontinued. Student has to reenroll in fail course.

Thesis

At the beginning of the third semester, a student will be required to submit research proposal (synopsis) to the Department. The synopsis will be prepared in accordance with the guidelines approved by the Board of Advanced Studies and Research (BASR). The Department will provide guidelines for developing of synopsis in the synopsis orientation workshop.

All AIOU MSc (Hons)/MS/MPhil rules will be applied on the synopsis/thesis MSc(Hons) Rural Development.

Viva Voce

If the thesis is approved by the external evaluators, student has to appear before viva voce committee to defend his/her thesis.

The Viva voce committee will award marks as follow:

a. Viva Voce	100
b. Research Thesis	100

Pass percentage in each component will be at least 50%.

Important Note

All rules regulations of AIOU/HEC framed from time to time will be applicable to all students of MSc (Hons) rural development. The student will have to abide by all such rules and regulations.

DEPARTMENT OF COMPUTER SCIENCE

Department of Computer Science is an established department under the Faculty of Sciences. We had developed curricula of the academic programs at various levels to meet the national and international standards as defined by Higher Education Commission. The curricula include PhD (Computer Science), MS (Computer Science), BS (Computer Science) and Post Graduate Diploma (PGD) in Computer Science. Department is equipped with latest computers and hardware labs. We practice the multi-method teaching methodology i.e. face-to-face regular classes for BS (Computer Science) and MS (Computer Science). The online methodology is practiced for PGD (Computer Science) program. The facilities of Video/Audio Conferencing are also in use for lectures/consultations in research-oriented degrees. Department is actively involved in research and development in the areas of Ubiquitous Computing, Big Data Analytics, Artificial Intelligence and Information Security.

MS (Computer Science)

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

Objectives:

The objectives of the program are to:

- 1) Facilitate students to possess advanced knowledge of Computer Science field.
- 2) Guide student to be able to think creatively and critically for solving non-trivial problems.
- 3) Facilitate students to develop efficient solutions for real life problems with the acquired computing knowledge.

Program Features:

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

Eligibility:

A candidate is eligible to apply for MS (Computer Science) program having any of the following criteria from HEC recognized university/institute with minimum 60% marks or equivalent CGPA:

- 1) Master's degree in Computer Science/Information Technology/Software Engineering (16 Years).
- 2) Four years' bachelor degree in Computer Science/Information Technology/Software Engineering (16 Years) with minimum 130 credit hours.

Selection Criteria:

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

Scheme of Studies:**Semester 1**

Code	Course Title	Cr. Hours
5700	Theory of Computation	3 (3 + 0)
5701	Advanced Algorithm	3 (3 + 0)
5703	Research Study	3 (3 + 0)
	Elective-I	-

Semester 2

	Elective-II	-
	Elective-III	-
	Elective-IV	-
	Elective-V	-

Subtotal: 24 Credit Hours (Course work)

3rd & 4th Semester: Research Work

Code	Title	Credit Hrs
5745	Thesis Part-I	12

Total: 36 Credit Hours

MS Courses List (Elective):

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

Code	Course Titles	Cr. Hours
5709	Advanced Computer Networks	3(3+0)
5710	Data Security and Encryption	3(3+0)
5711	Advanced Network Security	3(3+0)
5702	Distributed System	3(3+0)
5704	Object Oriented Software Engineering	3(2+1)
5705	Software Project Management	3(2+1)
5706	Software Quality Assurance	3(2+1)
5707	Software Engineering Laboratory	3(0+3)
5708	Advanced Topics in Software Engineering	3(3+0)
5715	Distributed Database	3(3+0)
5716	Data Warehousing and Mining	3(3+0)
5717	Information System Security	3(3+0)
5718	Case Tools & Applications	3(3+0)
5719	Advanced Topics in DBMS	3(3+0)
5725	Web Based Education System	3(3+0)
5726	Computer Aided Instructions	3(3+0)
5727	Measurement of Learning	3(3+0)
5728	Interactive Web Systems	3(3+0)
5729	Advanced Topics in Computer Science Edu	3(3+0)
5735	Internet Service Planning	3(2+1)
5736	E-Commerce Applications	3(3+0)
5737	Advanced Topics in ITM	3(3+0)
5733	Topics in Digital Signal Processing	3(3+0)

Department shall offer the elective courses from the pool of specializations:

Conduct of Classes/Mode of Teaching:

Classes will be conducted at the main campus.

Assessment:

Course Work Assessment

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

Continuous Assessment During Study Period		Final
Assignments/ Quizzes	Mid-Term/Presentation/ Workshop	
10%	20%	70%

Note:

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

Research Work Assessment

Each MS (CS) scholar shall submit thesis on completion of the research work under taken. The university will evaluate the thesis as per university rule by two experts in the subject area. After the recommendation of the external evaluators, the scholar needs to defend his/her thesis before the viva voce committee. The M.Phil rules and regulations of the university will apply to MS (CS) scholars. Each scholar shall follow the prescribed process of the University for undertaking his/her research work.

Synopsis Workshop

The Department will arrange a two-week synopsis orientation workshop helping students to identify their topic of research and develop the synopsis. Attendance in this workshop is mandatory. The resource person may deliver lectures on their research areas.

Synopsis Approval

Synopsis will be approved by Departmental Synopsis Committee.

Thesis Supervision

A supervisor will be allocated to student as per research expertise.

Thesis Evaluation

On completion of research work, the scholar will submit his/her thesis copy to the department along with a signed certificate from thesis supervisor. The same will be forwarded to BASR through Dean Faculty of Science. The thesis will be evaluated from two external evaluators from approved panel of experts as per university criteria.

Award of Degree:

On successful completion of the research thesis and other requirements, the MS (CS) degree will be awarded by the University.

Fee Tariff:

The fee structure for MS (CS) courses is given below:

Sr. No.	Item	Rates
1	Registration fee (Once at the time of first admission)	Rs.1000/-
2	Admission fee (Once at the time of first admission)	Rs.1500/-
3	Technology fee (per semester)	Rs.500/-
4	Each course fee per 3 credit hour 7200 x 4 = Rs.28,800/-	Rs.28,800/-
5	Thesis fee: (12 Credit Hour course)	Rs.28,800/-
6	Thesis evaluation fee: (at the time of submission of the thesis)	Rs.28,800/-
	Total Fee for 1st Semester	Rs.31,800/-

For further information, you may contact the department by email: dcs@aiou.edu.pk or by telephone 051-9250091 or 051-9057440

FACULTY MEMBERS:**Contact Addresses (Academics)**

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Chairman

Department of Computer Science

Allama Iqbal Open University

Saleem.iqbal@aiou.edu.pk

Contact#: 051-9250091

Dr. Moiz Uddin Ahmed Siddiqui

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Ms Sana Nasim Karam
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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 programs 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 programs in Pakistani Languages and Law. The Commonwealth-collaborated Masters programs in the areas of Business and Public Administration, which are 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 programs in Iqbaliat, Urdu, Mass Communication Economics, History and MS/PhD in Business Administration while preparations are being made to launch PhD Applied Linguistics and Pakistan Studies.

The Faculty of Social Sciences & Humanities also offers several bachelors' level programs in such professional areas like Bachelors in Library & Information Sciences (BLIS), BBA (4 years), BS-Commerce and Mass communication. Thousands of students comprising all demographic groups from all over the country, enroll each year in these bachelor's level programs.

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

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

DEPARTMENT OF ECONOMICS

Introduction

The Department of Economics is one of the fourteen departments within the Faculty of Social Sciences and Humanities at Allama Iqbal Open University. It was established in 1986 with few introductory courses at intermediate and bachelor's level. The department has, over the years, established itself as a reputable academic department in the country for higher studies and

research in Economics. At present, the department offers MSc and MPhil programs in different field of economics. The department currently has well qualified teaching faculty possessing PhD degree from foreign as well as local well reputed institutions. Further, the department continuously collaborates with economists, academicians and researchers of other academic institutions for student supervision, resource persons and as part-time teaching to the students at all levels.

Objectives

The main objective of the department is to provide the students a broad based understanding of the subject, solid grasp of economic theory, analytical tools, applied economics and statistical techniques. The MPhil program emphasizes advanced methods of theoretical and quantitative analysis. The goal of the program is enable the students to pursue academically based research careers in economics and to equip them with other emerging needs in economics.

Programs

The main programs offered by the department are:

- MSc Economics
- MPhil Economics

MPhil Economics

Introduction

Economics is a study to know how individuals and societies choose to use the scarce resources, the nature and previous generation have provided. Economics explains how we can

achieve a high level of growth and employment, price stability, efficiency, an equitable distribution of income, reduction in pollution, economic freedom, sustainable development, macroeconomic stability and reduction in poverty. All these goals can be achieved if we understand the theoretical concepts on one hand and their applications on the other. There is a positive correlation between research and development. Research is the collection and use of data to test economic theories.

Objectives

- To prepare professionals who have a grasp of the discipline in general and a command over the area of specialization in particular.
- To establish a cadre of specialists and professionals in different fields of economics, who could provide effective leadership in guiding and conducting high level research in various fields.
- To provide opportunities to the professionals' growth and development regarding upgrading their knowledge and research.
- To provide opportunities for higher education and research in a discipline and to develop research potential and promote research activities among the professionals.
- To enhance the professional capacity of working teachers in the area of economics.

1) Eligibility and Procedure of Admission

The candidates securing Second Class or equivalent CGPA in Master Degree or BS (4-Years) in Economics having 16 years of schooling or 4 years of education after HSSC from a recognized

university will be eligible to apply on line for admission in MPhil Economics.

- There shall be a departmental admission committee responsible to finalize the admission.
- Preliminary selection of the candidates will be made strictly on the basis of merit/criteria laid down by the Department/ University.
- Subject based GRE test and interview will be essential for admission to this program conducted by the Department of Economics.
- Only selected candidates will be informed about their admission and for depositing the fee. Fee depositing procedure will be mentioned in the intimation letter.
- The prevailing University rules/regulations regarding MPhil enforced from time to time shall strictly be followed for the MPhil program in Economics.

2) Duration of MPhil Program

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

3) Medium of Instruction

The medium of instruction and examination is English.

4) Scheme of Studies

The MPhil program will be of 36 credit hours in total: 24 credit hours course work and 12 credit hours of research work. Semester wise offering of courses will be as under:

1st Semester

Sr. No.	Course	Code	Credit Hours
1	Advanced Microeconomics	2700	3
2	Advanced Macroeconomics	2701	3
3	Development Economics	2704	3
4	International Trade Theory & Policy	2705	3

2nd Semester

Sr. No.	Course	Code	Credit Hours
1	Research Methods	2702	3
2	Applied Econometrics	2703	3
3	Environmental Economics	2706	3
4	Monetary Economics	2708	3

3rd and 4th Semester (Research Work)

1.	Research Project / Thesis	2710	12
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5) Instructional Methodology

The following methodology will be adopted for running the MPhil program in Economics.

i) Study Material

The outline of courses along with the required reading material and assignments will be provided in the form of **soft copy** to the students.

ii) Classes (Coursework)

There is serial of mandatory classes in each semester during the course work. The number of compulsory face to face teaching hours shall be 48 for each 3-credit hour course.

iii) Assessment System

Assessment will be done as under:

- Assignments (continuous assessment). Two assignments are compulsory for each 3 Credit Hours Course.
- Mid Term Examination during each semester.
- For successful completion of each course the student will be required to qualify in each component.

Note: The policy of reappear and again reappear is discontinued and student will re-enroll in the failed course.

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

- To take final examination the student has to pass in assignments and ensure 70% attendance in the classes.

6) Synopsis Orientation Workshop

The Department will hold a Synopsis Orientation Workshop to identify the topic for students' research and develop the synopsis for their MPhil thesis. The synopsis will be submitted to Board of Advance Studies and Research (BASR) for approval.

7) 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 a mandatory workshop to discuss research proposals of the students.

8) Viva-Voce

After of evaluation of thesis, the student has to appear for viva-voce before the Research Proposal Committee (RPC)

9) Instructions for Thesis

Students will submit research proposal/synopsis to the Department of Economics 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 Economics 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 will deposit fee in bank for thesis evaluation at the time of submitting the thesis to the Department.
- 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.
- 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).
- 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.
- The MPhil 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.

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 the admission admission to any programme of the university. In case the plagiarism is proved, after the award of MPhil degree, 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 MPhil degree, the degree shall be cancelled/withdrawn.

10) 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.

Fee Tariff

Registration Fee: (Payable once at the time of admission)	Rs.1000/-
Admission Fee: (Payable once at the time of admission)	Rs.1500/-
Technology Fee: (Per student per semester)	Rs.500/-
Course Fee: (per 3 credit hour course) Rs.7500 x 4 = Rs.30,000/-	Rs. 30,000/-
First Semester Fee:	Rs.33,000/-
Thesis Fee:	Rs.30,000/-
Thesis Evaluation Fee:	Rs.30,000/-

This program is merit based, therefore no fee/dues are required to be deposited until you receive the offer letter from Admission Department of the University.

11) How to Apply Online Admission

Candidates are required to create account online for admission and apply through university portal: www.aiou.edu.pk

12) Faculty Members

For clarification about academic matters please contact the following faculty members of Department of Economics:

1. **Dr. Fouzia Jamshaid**

Incharge

Phone: 051-9057228

E-mail: fouzia.jamshaid@aiou.edu.pk

2. **Dr. Muhammad Ilyas**

Assistant Professor

Phone: 051-9057199

E-mail: [Muhammad.Ilyas@aiou.edu.pk](mailto:Mohammad.Ilyas@aiou.edu.pk)

3. **Dr. Atta Ullah Khan**

Assistant Professor

Phone: 051-9057470

Email: attaullah.khan@aiou.edu.pk

4. **Mr. Rizwan Ahmed Satti**

Lecturer

Phone: 051-9057200

E-mail: rizwan.ahmed@aiou.edu.pk

5. **Staff**

Phone: 051-9250075, 051-9057838

MPhil Program Coordinator

Dr. Muhammad Ilyas

Email: Muhammad.ilyas@aiou.edu.pk

DEPARTMENT OF BUSINESS ADMINISTRATION

Introduction:

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 centre of excellence in Business Management education and research in Pakistan. The Department has assembled outstanding teaching faculty and developed extensive teaching material for the improvement of education in Pakistan. The department launched MBA programme in 1986, MBA-IT in 2001 and MBA-Banking & Finance in Spring 2005 semester. Presently, the Department is offering MBA 3½ Years, MBA 2½ years, MBA Rural Management, PGD-HRM, MS (Management Sciences) and PhD programmes with different specializations. The department is also publishing an HEC recognized Research Journal namely “Journal of Contemporary Management Sciences”. These programmes contribute significantly to the national goals by developing the professionals equipped with modern business techniques. These programmes are designed to enable the professionals to upgrade their skills and enhance business qualifications. Further, it is hoped 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 MPhil/MS and PhDs both from national and foreign universities.

Objectives of the Department:

- i. To strengthen the applied and basic research capabilities of scholars.
- ii. To deepen the theoretical knowledge of different domains of Management Sciences.
- iii. To provide an opportunity to test the theory practically by undertaking rigorous research activities.

To equip the research scholars to respond to current national and global crisis.

MS Management Sciences

a) Duration

As per HEC guidelines, MS (Management Sciences) programme will spread over 4 semesters covering 8 courses (24 credit hours) and a thesis (12 credit hours). It will be offered with two specializations: Human Resource Management (HRM) and Banking & Finance (B&F). The programme consists of 36 credit hours. The minimum period required for its completion will be as per AIOU rules.

b) Eligibility Criteria

Applicants having 16 years of business education (Old MBA/MPA/M.Com/ACMA/ACA/4-Years B.Com/4-Years BBA) from any HEC recognized institution with minimum second division or equivalent CGPA 2:00 or above would be eligible to apply.

c) Admission Procedure

- i. There shall be an admission committee responsible to finalize the admission.
- ii. Admission in MS (Management Sciences) 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.
- iii. Preliminary selection of the candidates will be made strictly on the basis of criteria laid down by the Department/ University.
- iv. Candidates will be required to pass a test equivalent to GRE/GAT General conducted by the Department of Business Administration.
- v. 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 Directorate of Admissions confirming the admission of the candidate.
- vi. The prevailing University rules and regulations regarding MS/MPhil programme enforced from time to time shall strictly be followed for the programme.
- vii. The MS (Management Sciences) programme will be merit based, therefore, no fees/dues will be required to be deposited until applicant receives the admission letter from the AIOU Directorate of Admissions.

viii. Candidates will be required to send complete admission forms along with the attested copies of all certificates and marks sheets at the following address before the closing date.

CHAIRMAN

Department of Business Administration
Block No.13, AIOU, H-8, Islamabad.
Ph: 051-9057722-23, 9250089
mba@aiou.edu.pk

ix. **Academic clarification may be obtained via email or by telephone from the department.**

d) Scheme of Studies

The MS (Management Sciences) programme will be offered with two specializations, i.e., HRM and Banking & Finance. The detail of courses and tentative semester wise offering of courses is as under:

First Semester — Spring 2022

Sr. No.	Course Code	Course Title	Credit Hours
1	8701	Advanced Research Methods	03
2	8702	International Business and Finance	03
3	8703	Strategic Marketing	03
4	8704	Strategic Human Resource Management	03

Second Semester

<i>Elective Courses</i> (for details, see as given under <i>Elective Courses for MS Management Sciences</i>)	12
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Third Semester

8720	Thesis	12
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Total Credit Hours 24+12 = 36

OR

8719	Research Project	06
8722	Project Management	03
8723	Corporate Governance	03

Note: However, the department reserves the right to change its offering any time if desired so.

e) Elective Courses for MS (Management Sciences)

Programme:

For selection of specialization courses in MS programme, students would select elective courses from only one of the following specializations:

Second Semester — Autumn 2022

Elective Courses of Human Resource Management

Sr. No.	Course Code	Course Title	Credit Hours
1	8709	Strategic Human Resource Development	03
2	8710	Organisational Theory & Design	03
3	8711	International Human Resource Management	03
4	8712	Human Resource Change Management	03

Elective Courses of Banking & Finance

1	8715	Investment & Securities Management	03
2	8716	Risk Management & Insurance	03
3	8718	Islamic Banking	03
4	8721	Bank Management and Control (For the student enrolled in Spring 2018 onward)	03
5	8714	Credit Management (For the students enrolled in Spring 2018 and onward)	03

f) Thesis

After the completion of 24 credit hours course work, a student will undertake research work of 12 credits. After the receipt of admission list of the 3rd semester, the Department will hold two-weeks Synopsis Orientation Workshop (SOW). The purpose of the SOW will be to guide the researchers in finalizing their topics of synopsis/thesis. The topic must be according to the specialization already selected by the researcher. Participation in the SOW will be mandatory. Researchers are supposed to develop and present their synopsis before the Departmental Synopsis Committee. Finally, topic of thesis/synopsis will be forwarded to the Competent Authority for approval as per MS/MPhil rules and regulations of the university.

g) Methods of Instruction

The medium of instruction and examination will be English. Face to face mode of study will be adopted for MS

(Management Sciences) programme. The outline of courses along with the required reading material and assignments will be provided to the students.

h) Assignments

The student 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.

i) Classes

MS (Management Sciences) is a face to face programme. Classes equivalent to 48 hours in each course as teaching pedagogy are applied. MS classes will be conducted in two phases. First phase for 16 days will be scheduled in the beginning of the semester and second phase for 16 days will be before the examination. The workshops will be arranged only at the Main Campus, AIOU, H-8, Islamabad. The participation of the students in the classes will be compulsory. No relaxation on any ground will be provided to the students in this regard. The 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 classes will be chalked out by the Department and intimated to students well in time. Hostel facility at the Main Campus AIOU Islamabad will be available on payment if desired and would be arranged by the concerned students at their own expenses.

j) Evaluation Scheme

Assessment will be done as under:

Continuous Assessment Component	Weightage in the aggregate result
Continues Assignments	20%
Mid Term/Project Presentation	30%
Final Examination	50%
Total	100%

- i. For successful completion of each course the student will be required to qualify each component.
- ii. 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.

Note: The policy of Re-appear and again Re-appear is discontinued and student will re-enroll in fail course.

k) Degree Requirements

Following are the requirements for award of MS (Management Sciences) degree:

- i. Successful completion of 08 courses (24 Credit Hours).
- ii. **Thesis:** After completion of 24 Credit Hours course work, the students will be eligible to register for the Thesis (12Credit Hours). The students will be required to complete their thesis as per AIOU rules applicable as amended from time to time, and submit to the Department in line with the approved format etc., that would be evaluated on the guidelines given by HEC and adopted by the AIOU.
- iii. **Viva voce examination:** Viva voce examination shall be held according to AIOU rules and regulations, if the student meets the criteria of the evaluation of thesis any extension in the programme would be as per AIOU rules/ regulations.

1) Fee Structure

Item	Fee
Registration Fee: (At the time of 1 st admission)	Rs.1,000/-
Admission Fee: (At the time of first admission)	Rs.1,500/-
Per 3 credit hours Rs.7500/- 7500 x 4) = Rs.30,000/-	Rs.30,000/-
Thesis Fee: (For 12 Credit hours)	Rs.30,000/-
Thesis Evaluation Fee: (Once at the time of admission in Thesis)	Rs.30,000/-
Technology Fee: (per student per semester)	Rs.500/-
Total Fee for 1st Semester	Rs.33,000/-

FACULTY MEMBERS

1. **Prof. Dr. Syed Hassan Raza** Chairman
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2. **Dr. Muhammad Majid Mahmood Bagram**
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3. **Dr. Adnan Riaz**
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6. **Mr. Sadar Ayub Khan**
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7. **Mrs. Mobashira Hamid Alvi**
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Email: mobashira.alvi@aiou.edu.pk

8. **Mr. Ahmed Hassan Jamal**
Lecturer
Ph: 051-9057379

9. **Syeda Attiya Rahat**
Lecturer
Ph: 051-9057250

10. **Mr. Ehsan Javaid**
Lecturer
Ph: 051-9057855

– **Staff:** Ph: 051-9057723

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCES

Introduction

The Department of Library and Information Sciences was established in 1985 within the Faculty of Social Sciences and Humanities. Besides MPhil (Library and Information Sciences), the LIS Department is offering/running six more programs as follows:

1. Master of Library and Information Sciences (MLIS)
2. BS (4-year) in Library and Information Sciences (BS4-LIS)
3. Associate Degree in Library and Information Science (AD-LIS) for continuing students only
4. Bachelor of Library and Information Science (BLIS) (for continuing students only)
5. Certificate in Librarianship (CLS)
6. PhD (Library and Information Sciences)

See more about the department, programs, faculty, and other information at <https://lis.aiou.edu.pk/>.

MPhil (Library and Information Sciences) Program

Objectives

The main objective of launching MPhil program was to contribute to the LIS literature internationally through high quality research particularly focusing on current and future needs. Secondly, there is a high demand from information professionals across Pakistan to have this program at the AIOU platform through unconventional

means of education. Thirdly, there is a high number of LIS professionals working in Islamabad and Rawalpindi who intend to enhance their professional qualifications and they find no such program offered by public or private universities in this region. Other objectives include:

- To address the local issues in LIS and provide a viable solution through research.
- To enable LIS professionals to make informed decisions based on research.
- To promote evidenced-based LIS practice through the use of relevant research.
- To promote LIS research culture in Pakistan.
- To enrich Pakistani LIS research literature through quality research projects.
- To develop critical and analytical thinking skills of LIS research scholars.
- To develop advanced information literacy skills of research students.
- To improve academic writing skills of LIS research students.
- To improve soft skills of LIS research students.
- To provide a specialized manpower to the LIS job market. and
- To promote information entrepreneurship by establishing industry-academia linkages through need-based research.

Eligibility Criteria and Procedure of Admission

MPhil in LIS is a merit-based program. Any candidate having 16-year master's degree or 4-year education after HSSC (at least 124 credit hours) in Library and Information Sciences or equivalent discipline with at least second division (45% marks) or

equivalent CGPA/GPA from an HEC-recognized institution can apply for admission. The number of seats will be determined as per AIOU/HEC policy. The admission merit will be determined as per AIOU rules. To pass a GRE/GAT (general) admission test is compulsory with prescribed pass marks as per AIOU rules. Prescribed processing fee applies.

Note 1: No TA/DA or other expenses will be on the part of AIOU for admission test and interview. Interested candidates are required to apply as instructed in admission advertisement published in leading national dailies as well as on AIOU website <<https://aiou.edu.pk/>>.

Note 2: Candidates are advised to keep on watching websites of LIS Department <<https://lis.aiou.edu.pk/>> and AIOU <<https://aiou.edu.pk/>> for updates. Our Facebook page ID is <LIS@AIOU official>.

Pre-requisites from MPhil (LIS) Students

An MPhil (LIS) student must have a latest computer and a smart phone both with internet connection to successfully complete this program.

MPhil Duration

This program spans minimum two years, one year for coursework and one year for thesis writing and submission. Maximum duration to complete this program is as per AIOU rules.

MPhil Coursework

There will be a two-semester MPhil coursework of 24 credit hours, consisting of eight courses of three credit hours each. All courses are of 100 marks each. The semester-wise breakup of the courses is as under:

1st Semester — Spring 2022

Sr #	Course	Code	Cr Hrs
1	Advances in Library and Information Sciences	8731	03
2	Philosophy of Library and Information Sciences	8742	03
3	Quantitative Research	8734	03
4	Qualitative Research	8735	03

2nd Semester — Autumn 2022

1	Emerging Trends in Information Behaviour Research	8736	03
2	Data Analysis Tools	8738	03
3	Aids to Research	8739	03
4	Academic Writing and Publishing	8740	03
Subsequent Semesters			
1	Thesis	8741	12

**Research Proposal and Thesis
(Third and subsequent semesters)**

As per AIOU rules

Mode of Study

As per AIOU rules/policy.

Medium of Study

English language will be the medium of study. Students may not opt for any other language for any of the components of this program.

Assessment/Evaluation Criteria

Multiple criteria will be adopted to assess students' coursework and thesis as per AIOU rules.

Fee Tariff

Item	Fee
Registration Fee	Rs.1,000/-
Admission Fee	Rs.1,500/-
Technology Fee	Rs.500/-
Tuition fee per Credit Hour Rs.2,500 = (Rs.2,500×12 credits hours of 4 courses)	Rs.30,000/-
Thesis Fee:	Rs.30,000/-
Thesis Evaluation Fee:	Rs.30,000/-
Total fee for 1 st Semester	Rs.33,000/-

Fee for subsequent semesters and Thesis Evaluation fee will be informed at the time of their admission.

Note: The AIOU reserves the right to make any change(s) anytime in this program partly or wholly without prior notice.

FACULTY MEMBERS

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- Dr. Munazza Jabeen**
Assistant Professor / Coordinator MPhil-LIS
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- Dr. Amjid Khan**
Assistant Professor
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DEPARTMENT OF HISTORY

Introduction

The Department of History was established in 1995 as part of the Faculty of Social Sciences & Humanities. Since inception, the Department has been running academic programmes at Intermediate, Graduate and Post-graduate level. MPhil History has been launched since Spring 2015. This aims to cater the needs of faculty members working at higher educational institutions and the general public.

MPhil History Programme

Objectives

- i. The major objective of the programme is to inculcate the sense of History and Historiography through research on local, regional and international History.
- ii. The evolution stemming from British India (colonial India) will be highlighted through specialized study courses consisted of Muslim Arab and international political studies.
- iii. The endeavours of Muslim leaders during freedom struggle will be focused.

Duration

- The minimum period required for completing MPhil in History will be two years (four semesters) while maximum period will be four years (eight semesters).
- The minimum period for the completion of coursework (24 credit hours) shall be one year (two semesters). The minimum period for the completion of research work will be one year (two semesters).

- In case the student fails to complete the course/research work within the prescribed maximum period of (eight semesters) four years. She/he has to take a fresh admission in the program.

Eligibility for Admission

The students are eligible to apply for admission to M Phil History with the following educational background:

- i. At least 2nd class Master Degree in History,
- ii. Candidates with published articles will be preferred.
- iii. All other rules and instructions applied by Allama Iqbal Open University from time to time.
- iv. Test and interview will be conducted by the Admission Committee, Department of History AIOU, Islamabad

Medium of Instruction

The medium of instruction and examination is English.

Scheme of Studies

The MPhil in History programme will be of 36 credit hours in total: 24 credit hours coursework and 12 credit hours of research work. Semester wise offering of courses will be as under:

1st Semester: Spring 2022

Sr. No.	Code	Course	Credit Hours
1	2731	British India (1857-1947)-I	03
2	2732	British India (1857-1947)-II	03
3	2733	Historiography	03
4	2734	Research Methodology	03

2nd Semester: Autumn 2022

Sr. No.	Code	Course	Credit Hours
1	2735	History of Modern World since 1945-I	03
2	2736	History of Modern World since 1945-II	03
3	2737	History of Pakistan (1947-88)-I	03
4	2738	History of Pakistan (1947-88)-II	03

3rd and 4th Semester (Research Work)

Sr. No.	Code	Course	Credit Hours
1	2739	Synopsis Workshop (compulsory) Research Work/Thesis	12

Synopsis Workshop (Compulsory)

After the completion of twenty-four credit hours of coursework a student will undertake research of 12 credit hours. After the receipt of admission list in the 3rd semester, the Department will hold two-week Synopsis Orientation Workshop for MPhil Thesis. The purpose of the workshop would be to guide the researchers in finalizing their topics of research/ synopses. Participation in the Synopsis Orientation Workshop will be mandatory. Researchers are supposed to develop and present their synopses before the Departmental Synopsis Committee. Finally, topic of research/ synopsis will be forwarded to the concerned body for approval as per MPhil in History rules and regulations of the university. Hostel facility at the Main Campus, AIOU Islamabad is available on payment for the students, if desired.

Admission Procedure

- There shall be a Departmental Admission Committee responsible to finalize the admission.
- Admission in MPhil History Programme will be made once a year (i.e. Spring Semester). Applications will be invited through the daily newspapers/AIOU website.
- Preliminary selection of the candidates will be made strictly on the basis of merit/criteria laid down by the Department/ University.
- A subject based test and interview will be conducted for admission to this program.
- Only selected candidates will be informed about their admission and for depositing the fee. Fee depositing procedure will be mentioned in the intimation letter.
- The prevailing University rules/regulations regarding MPhil enforced from time to time shall strictly be followed for the MPhil History Programme.

Important Note

Applications for admission in M.Phil History shall be invited through newspaper/AIOU website (www.aiou.edu.pk) and the students are required to apply online for the admission.

Method of Instruction

The following methodology will be adopted for running the MPhil Programme in History. The outline of courses along with the required reading material and assignments will be provided to the students by the Department.

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 would return the same after marking and providing necessary academic guidance.

Face to Face Contact Hours (Online Classes)

MPhil History has been launched in the face to face mode (48 hours teaching for each 3 credit hours course). MPhil online classes will be conducted by the Department before the examination. The attendance of the students in the classes is mandatory. No relaxation on any ground shall be granted to the students in this regard. The classes are organized in order to provide the students proper guidance in course contents through intensive lectures, group discussion, etc. The schedule of classes, chalked out by the Department will be intimated to the students well in time. A student who fails in continuous assessment component is not eligible to reappear but will be allowed to reregister for the same course at its next offering by the university, as per the AIOU policy.

Assessment

Assessment will be done as under:

1. Assignments (continuous assessment). Two assignments are compulsory for each 3 Credit Hours Course.
2. Midterm exam will be conducted during the Course work for each course by the Department.
3. Final Examination (three hours written examination will take place at the end of the semester). The weightage of each

component is as follows.

- | | |
|----------------------|-----|
| a. Assignments | 20% |
| b. Midterm | 30% |
| c. Final Examination | 50% |
4. For successful completion of each course the student will be required to qualify each component.
 5. To take final examination the student has to pass in assignments and maintain 70% mandatory attendance in the classes.
 6. The conditions to qualify each component are given below:
 - i. A minimum of 50% passing marks in each assignment.
 - ii. A minimum of 50% passing marks in the final written examination.
 - iii. 70% mandatory attendance in the workshops.
 - iv. A minimum of 50% passing marks in the Midterm examination

Note: The policy of reappear and again reappear is discontinued and student will re-enroll in the fail course.

Fee Tariff

Item	Fee
Registration Fee (Payable once at the time of admission)	Rs.1000/-
Admission Fee (Payable once at the time of admission)	Rs.1500/-
Technology Fee (per student per semester)	Rs.500/-
Course Fee: Per 3 credit hour Rs.4200/- (4200 x 4) = Rs.16,800/-	Rs.16,800/-
Thesis Fee:	Rs.16,800/-
Thesis Evaluation Fee:	Rs.16,800/-
Total Fee First Semester:	Rs.19,800/-

Admission Procedure

This programme is merit based, therefore, no fee/ dues should be deposited until you receive the offer letter from Admission Department of the University. For clarification about academic matters please contact on the following address:

Prof. Dr. Samina Awan Chairperson
Department of History, Block No. 9 Allama Iqbal Open
University Sector H-8, Islamabad.
Phone: 051-9250073, 9057827

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, 051-9257827
Email: samina.awan@aiou.edu.pk
2. **Dr. Kishwar Sultana**
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3. **Dr. Abdul Basit**
Assistant Professor
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4. **Dr. Kausar Parveen**
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5. **Ms. Sadia Aziz (MPhil)**
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6. **Dr. Fozia Umar**
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7. **Dr. Muhammad Sajid Khan Sajid Khan**
Lecturer
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8. **Office:**
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051-9250073

DEPARTMENT OF IQBAL STUDIES

Introduction

The Department of Iqbal Studies was established in the university when it was renamed with Allama Iqbal's ascription. It is offering two courses at Intermediate, three courses at B.A. level, full programme with thirty-six credit hours at M Phil level and PhD Iqbal Studies Program.

MPHIL IQBAL STUDIES

1. Objectives

- i. Dissemination of Iqbal's teachings at a large scale for educated Community of Pakistan and other Muslim countries.
- ii. To strengthen the ideology of Pakistan and to achieve national integrity and unity according to the Islamic message of the Poet Philosopher Allama Muhammad Iqbal of Pakistan.

2. Duration of MPhil Programme

The minimum duration of M Phil Iqbal Studies is two years (4 Semesters) and the maximum duration shall be four years (8 Semesters).

3. Eligibility for Admission

The students are eligible to apply for admission to MPhil Iqbal Studies if they have the following educational background:

- i. At least 2nd class Master Degree in Urdu/Persian/ Philosophy or other relative subject of social sciences.
- ii. In case of other relative subjects in social sciences, the student should have studied Urdu/Persian/Philosophy as an elective subject at B.A level or passed Iqbaliyat B.A level Course Code- 405 of AIOU.
- iii. He/she should have published three articles on Iqbal in reputed national/international journals.
- iv. All other rules and instructions imposed by the Higher Education Commission will also be followed.

- v. Test and interview will be conducted by the Admission Committee.

4. Medium of Instruction

The medium of instruction and examinations is Urdu/English.

5. Scheme of Studies

M Phil Iqbal Studies comprises twenty-four (24) credits hours of course work and twelve (12) credit hours of research work. The admission in M Phil is advertised once in a year in semester autumn. The detail of courses offered is given below:

6. M Phil Courses

First Semester — Spring 2022

Code	Course Title	Credit Hours
5751	Iqbal's Intellectual and Artistic Development-I	3
5752	Iqbal's Intellectual and Artistic Development-II	3
5753	Methods of Research-I	3
5754	Methods of Research-II	3

Second Semester — Autumn 2022

5755	The Basic Thoughts and Ideas of Allama Iqbal-I	3
5756	The Basic Thoughts and Ideas of Allama Iqbal-II	3
5757	Study of Selected Text of Iqbal's Prose and Poetry-I	3
5758	Study of Selected Text of Iqbal's Prose and Poetry-II	3

Third Semester

5759	Research Thesis	12
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7. Fee Tariff

Admission fee (At the time of first admission)	Rs.1500/-
Registration fee (At the time of 1st admission only)	Rs.1000/-
Technology fee (per student per semester)	Rs.500/-
Course Fee (Per 3 credit hours)	Rs.4200/-
Thesis Fee	Rs.16,800/-
Thesis Evaluation Fee	Rs.16,800
Total Fee First Semester	Rs.19,800/-

8. Assessment System

Under Continuous Assessment (Assignments), the students have to submit two Assignments for each 3-Credit Hours Course 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 (assignment + final examination) in each course. The ratio of weightage 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 one week per course compulsory workshop at the end of semester (having 10 marks for each course)			10%
Final examination	100	50	70%
Aggregate Marks			100
Aggregate Passing Marks			50

Note: The policy of reappear and again reappear is discontinued and student will re-enroll in the fail course.

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

CHAIRMAN

Department of Iqbal Studies
Block-8, Allama Iqbal Open University
Sector H-8, Islamabad.
Phone: 051-9250009, 051-9057774

FACULTY OF EDUCATION

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

DEPARTMENTS OF THE FACULTY

Faculty of Education Comprises of the following Six Departments:

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

Distance, Non Formal Education and Continuing Education

The department was established in 1984 and was later renamed as Distance, Non Formal and Continuing Education. This department offers PhD, MPhil, Masters and specialized

courses in B.Ed 1.5 programme. The department also offers certificate courses in literacy and non-formal education.

Educational Planning, Policy Studies and Leadership (EPPSL)

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

Secondary Teacher Education

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

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

Early Childhood Education and Elementary Teacher Education

The Department of Elementary Teacher Education was established in 2003. In April 2008, the name of Elementary Teacher Education Department was changed as Early Childhood Education and Elementary Teacher Education Department. The Department offers Associate Degree in Education, Post Graduate Diploma in ECE, BEd (1.5 year), BEd (2.5), BEd (4 years), MPhil and PhD programme, it also offers “Education” as subject at Matric, Intermediate and Graduate level. The department is planning to launch, BS (ECCE) and Certificate of Entrepreneurship in ECCE. The department also plans to offer non-credit research courses and postgraduate diploma for teaching in higher education.

Science Education

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

Special Education

The Department was established in 1985. The department imparts education and training to teachers for the special

children in four specializations namely visual impairment, hearing impairment, intellectual disabilities, physical disabilities and mental retardation with particular emphasis to facilitate inclusive education. Parents of the special children are also admitted to these programmes. Present programmes/ courses of this department comprise B.Ed (4 years), MEd, MA, MPhil and PhD in the field of Special Education.

PROGRAMMES OF FACULTY OF EDUCATION

The Faculty has developed and launched more than 300 courses (up to Spring, 2022 Semester) in various disciplines from SSC to PhD level programmes. It is now fully recognized by both the government of Pakistan and International agencies as the prime national provider of professional education and training at all levels.

PhD with following specializations:

- Distance and Non-Formal Education
- Educational Planning and Management
- Elementary Teacher Education
- Teacher Education
- Science Education
- Special Education

MPhil with following specializations:

- Distance and Non Formal Education
- Educational Planning & Management
- Elementary Teacher Education
- Teacher Education
- Science Education
- Special Education

Masters with following specializations:

- MEd Distance and Non Formal Education
- MEd Science Education
- MEd Special Education
- MEd Teacher Education
- MA Distance and Non Formal Education
- MA Educational Planning and Management
- MA Teacher Education
- MA Special Education

BEd/PGD/ADE/SSC/HSSC/BA Level Educational Programmes

- BEd (1.5 years, 2.5 years, 4 years)
- PGD Educational Planning and Management
- PGD Educational Leadership and Management
- PGD Early Childhood Education
- Courses of Education at SSC, HSSC and BA level
- Associate Degree in Education

All Programmes of Faculty of Education are recognized by HEC.

MPHIL PROGRAMMES

Faculty of Education offers following MPhil Programmes

- Special Education
- Educational Planning and Management

M.Phil Education with specialization in

- Elementary Teacher Education
- Teacher Education
- Distance and Non Formal Education
- Science Education

Programme Goals

MPhil in various specializations of education is designed to prepare scholars who have grasp of the discipline of education: establish a cadre of specialists and professionals in different fields of education who can provide effective leadership in education and conducting high level research in various fields.

Eligibility to Apply

- Applicants with masters or another 16 years degree in the relevant area with at least CGPA 2.0 / 4.0 or second division are eligible to apply for the program.
- Admissions are given on the basis of criteria approved by HEC and statutory bodies of AIOU

Admission Procedure for MPhil Programme

- i) Application and processing fee along with copies of credentials will be uploaded online. Applications are to be submitted separately if a candidate wants to apply in more than one programme/specialization
- ii) Short listing is done on the basis of subject specific criteria as mentioned in the sections below.
- iii) Merit will be determined on the basis of educational qualification, experience, as well as score of subject test and interview conducted by the department.
- iv) Selected candidates will be intimated by the Directorate of Admission with the advice to deposit fee according to the schedule.

Procedure of Studies for MPhil Education

Maximum Load Per Semester:	12 Credit
Medium of Instruction:	English
Semester Duration:	16-18 weeks
Mode of Delivery:	Face to Face
Coursework:	24 Credit Hours
Thesis:	12 Credit Hours
Total Credit:	36 Credits

Study Materials

The university will provide study materials in printed or electronic form to the enrolled students. For online course materials a log-in ID and password will be sent via SMS.

Classes

For each course there will be a schedule for online weekly classes through AIU's Learning Management System. Teachers will coordinate and instruct through the LMS. Attendance in the online classes is compulsory.

Assignments

For each course students have to attempt two mandatory assignments. Assignments will be uploaded in typed form and checked for similarity. Passing marks in each assignment are 50%. The students have to submit assignments as per schedule before or on time

Midterm Exam

Midterm exams are conducted at the exam center. The midterm exams are held after completing at least 04 units of the course. Passing marks are 50%

Final Examination

To appear in the final examination of each course, the students have to qualify the continuous assessment components (Assignments + Midterm). Passing marks are 50%

Research Thesis

The student will be allowed to take research thesis after successful completion of 12 credit hours course work including a compulsory course "Advance Course on Educational Research and Statistics" (3706). After an orientation workshop in the department students develop their research proposal under the supervision of a faculty member and present in front of a committee before the approval of BASR. One-year period is given for completion of thesis.

MPhil in Educational Planning and Management

Eligibility

- i. Student possessing MA EPM/ELM will be eligible to apply.
- ii. Student having MA Education (in any specialization other than MA EPM) MA in Management Science must possess PGD EPM/ELM.
- iii. Applicants for M.Phil-EPM must possess above mentioned MA Degrees with at least 2nd Division.

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

Programme Structure

Semester-1

a. Core Courses 12 Credit Hours

S. No.	Code	Courses	Credit Hours
1.	3701	Trends and Issues in Education	3
2.	3702	Trends and Issues in EPM	3
3.	3706	Advanced Course on Educational Research and Statistics	3
4.	3748	Qualitative Research in Education	3

b. Specialization courses 12 Credit Hours

Semester-2

S. No.	Code	Courses	Credit Hours
1.	3707	Advanced Course on Educational Planning	3
2.	3708	Advanced Course on Economics and Financing of Education	3
3.	3734	Advanced Course on Educational Management -I	3
4.	3735	Advanced Course on Educational Management –II	3

c. 3rd & 4th Semester

Research Thesis (3715) 12 Credit Hours

For queries please contact at the following address

Incharge

Department of Educational Planning
Policy Studies and Leadership
Faculty of Education,
Allama Iqbal Open University
Sector H-8, Islamabad
Ph: 051-9057717, 051-9057714

MPhil Elementary Teacher Education

Eligibility:

MA (Education), MEd/MSEd or BEd/BSEd (4 year) with 2nd Division. Admission will be granted on merit as per approved criteria of AIOU.

Coursework: 24 Credit Hours

Thesis: 12 Credit Hours

Semester-1 (12 Credit Hours)

Sr. No.	Code	Courses	Credit Hours
1.	3751	Advanced Research Methods	3
2.	3752	Educational Leadership & Supervision	3
3.	3753	Curriculum & Instruction	3
4.	3754	Assessment & Evaluation in Education	3

Semester-2 (12 Credits Hours)

(Core courses 6 credits & Specialization Courses 6 Credits)

1.	3755	Foundations of Education	3
2.	3756	Trends and Issues in Elementary Education	3

Student can select any one cluster from below clusters:

Specialization Courses			
Curriculum	3757	Curriculum Design	3
	3758	Curriculum Evaluation	3
Assessment	3759	Test & Scale Development	3
	3760	Assessment & Reporting of Student Learning	3
Educational Psychology	3761	Psychological Testing	3
	3762	Social Psychology	3
Educational Research	3763	Educational Statistics	3
	3764	Critiques in Educational Research	3
Educational Administration	3765	Organizational Theory & Behaviour in Education	3
	3766	Economics & Finance of Education	3

3rd and 4th Semester:

Thesis/Research Work (12 Credit Hours)

Code	Course	Credits
3747	Thesis	12

For queries please contact at the following address

CHAIRMAN

Department of Early Childhood Education & Elementary Teacher Education (ECE&ETE)
ICT Block, AIOU, Sector H-8 Islamabad
Ph: 051-9057718, 051-9057346

MPhil Science Education

i. Eligibility

Applicants for MPhil Science Education must possess BEd (4 year) with Science Education, BS Science Education, MEd, MEd/MA (specialization in Science Education) at least with 2nd division. Admission to MPhil will be granted on merit basis (Test and Interview) according to the approved criteria of AIOU.

ii. Programme Structure

MPhil Education Specialization in Science Education comprises 24 credit hours course work and 12 credit hours Research thesis.

The detailed breakup of courses is as follows:

Semester-1

a. Core Courses (12 Credit Hours)

S. No.	Code	Courses	Credit Hours
1.	3701	Trends and Issues in Education	3
2.	3748	Qualitative Research in Education	3
3.	3706	Advanced Course on Educational Research and Statistics	3
4.	6771	Trends and Issues in Science Education	3

Semester-2

b. Specialization (12 Credit Hours)

S. No.	Code	Courses	Credit Hours
1.	6772	ICTs in Science Education	3
2.	6773	Teaching Models & Strategies in Science Education	3
3.	6774	Assessment and Evaluation in Science Education	3
4.	6775	Curriculum Development in Science Education	3

c. 3rd and 4th Semester:

Research Thesis (3720) 12 Credit Hours

For queries please contact at the following address:

CHAIRMAN
Science Education Department
Faculty of Education,
Allama Iqbal Open University
Sector H-8, Islamabad
Ph: 051-9057711, 051-9057854

MPhil Distance and Non-Formal Education

i. Eligibility

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

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

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

ii. Programme Structure

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

Semester-1

a. Core Courses 12 Credit Hours

S. No.	Code	Courses	Credit Hours
1.	3701	Trends and Issues in Education	3
2.	3703	Trends and Issues in Distance Education	3
3.	3706	Advanced Course on Educational Research and Statistics	3
4.	3748	Qualitative Research in Education	3

Semester-2

Students can take any two clusters from the following:

b. Specialization 12 Credit Hours

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

c. 3rd & 4th Semester

Research Thesis (3714) 12 Credit Hours

For queries please contact at the following address

CHAIRMAN
Department of Distance, Non-Formal &
Continuing Education (DNFCE)
Faculty of Education, AIOU
H-8, Islamabad. Ph: 051-9250055

MPhil Teacher Education

i. Eligibility

Applicant for MPhil Education in Teacher Education must possess a degree of MEd/MA Education or MEd/BEd at least with 2nd division. Admission to MPhil Education (Teacher Education) will be granted on merit as per approved criteria.

ii. Programme Structure

MPhil Education specialization in Teacher Education programme comprises 24 credit hours course work and 12 credit hours thesis.

Semester-1

a. Core Courses 12 Credit Hours

S. No.	Code	Courses	Credit Hours
1.	3701	Trends and Issues in Education	3
2.	3704	Trends and Issues in Teacher Education	3
3.	3748	Qualitative Research in Education	3
4.	3706	Advanced Course on Educational Research and Statistic	3

Semester-2

b. Any two clusters from the following:

S. No.	Code	Courses	Credit Hours
1.	3736	Advanced Approaches to Curriculum Development I	3
	3737	Advanced Approaches to Curriculum Development II	3
2.	3739	Teaching Strategies-I	3
	3740	Teaching Strategies-II	3
3.	3742	Measurement & Evaluation in Education-I	3
	3743	Measurement & Evaluation in Education-II	3

c. Semester 3rd and 4th Research Thesis (3713) 12 Credit Hours

For queries please contact at the following address

CHAIRPERSON

Department of Secondary Teacher Education
Faculty of Education, Allama Iqbal Open University,
Sector H-8 Islamabad
Ph: 051-9250057, 051-9057708

Fee Tariff (MPhil Education)

Details of dues for admission to programme are as under:

Item	Fee
Registration Fee (Once, if not already registered with AIOU)	Rs.1000/-
Admission Fee (Once at the time of first semester)	Rs.1500/-
Per one credit hour Rs.1400/- 3 Credit Hours Course Rs.4200 x 4 = 16,800/-	Rs.16,800/-
Technology Fee + Postal Charges	Rs.500/-
Thesis Fee:	Rs.16,800/-
Thesis Evaluation Fee:	Rs.16,800/-
Total Fee for 1st Semester	Rs.19,800/-

MPhil Program Coordinators

- 1. Distance, Non-Formal and Continuing Education**
Dr. Muhammad Athar Hussain
Ph: 051-9057703
Email: muhammad.athar@aiou.edu.pk
- 2. Educational Planning, Policy Studies & Leadership:**
Dr. Azhar Mumtaz Sadi
Ph: 051-9057696
Email: azhar.mumtaz@aiou.edu.pk
- 3. Secondary Teacher Education**
Dr. Munnaza Ambreen
Ph: 051-9057713
Email: munnaza.ambreen@aiou.edu.pk
- 4. Special Education**
Dr. Tanzila Nabeel
Ph: 051-9250078, 051-9057857
Email: spedu@aiou.edu.pk
- 5. Science Education**
Dr. Muhammad Tanveer Afzal
Assistant Professor
Ph: 051-9057711
Email: tanveer.afzal@aiou.edu.pk
- 6. Elementary Teacher Education**
Dr. Fazal ur Rahman
Associate Professor
Ph: 051-9057268
Email: fazalaiou@yahoo.com

PhD PROGRAMS Offered at Faculty of Education

- Educational Planning and Management
- Special Education

PhD in Education with following specializations:

- Elementary Teacher Education
- Secondary Teacher Education
- Distance & Non-Formal Education
- Science Education

All Programmes of Faculty of Education are recognized by HEC.

PhD Admission Criteria

- i. Applicants holding MS/MPhil or equivalent, in the relevant area, completed with minimum 30 credit hours of coursework and research thesis/ project; and achieved at least CGPA 3.0/4.0 or 1st Division will be eligible for applying in PhD programme.
- ii. Application and processing fee along with copies of credentials will be uploaded online.
- iii. If a candidate wishes to apply in more than one specialization, he/she has to apply separately for each specialization/programme. Short listing is done on the basis of subject specific criteria as mentioned in the sections below.

- iv. Merit will be determined on the basis of educational qualification, experience, as well as score of subject test and interview conducted by the department.
- v. Selected candidates will be intimated by the Directorate of Admission with the advice to deposit fee according to the schedule.

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

Procedure of Studies for PhD

Maximum Load Per Semester:	09 Credit
Medium of Instruction:	English
Semester Duration:	16-18 weeks
Mode of Delivery:	ODL/Online
Coursework:	18 Credit Hours
Thesis:	36 Credit Hours
Total Credit:	54 Credits

Study Materials

The university will provide study materials in printed or electronic form to the enrolled students. For online course materials a log-in ID and password will be sent via SMS

Classes

For each course there will be a schedule for online weekly classes through AIU's Learning Management System. Teachers will coordinate and instruct through the LMS. Attendance in the online classes is compulsory.

Assignments

For each course students have to attempt two mandatory assignments. Assignments will be uploaded intyped form and checked for similarity. Passing marks in each assignment are 70%. The students have to submit assignments as per schedule before or on time

Midterm Exam

Midterm exams are conducted at the exam center. The midterm exams are held after completing at least 04 units of the course. Passing marks are 70%

Final Examination

To appear in the final examination of each course, the students have to qualify the continuous assessment components (Assignments + Midterm). Passing marks are 70%

Comprehensive Exam

At the end of the coursework a comprehensive exam is conducted. To appear in the comprehensive exam, the students have to pass all the courses with minimum of 70%.

Research Thesis

The student will be allowed to take research thesis after successful completion of coursework and comprehensive exam. Thesis orientation workshop is held at the campus and then synopsis is to be presented and evaluated before the thesis work actually begins. Thesis submission is due within 18 months from the time of notification (it should not go beyond the maximum program duration, i.e. 5 years). Student has to attend advisory meetings and present twice in a seminar. At least one article is to be published before viva voce exam as per HEC approved policy.

PhD Elementary Teacher Education

a. Core Courses

Sr. No.	Code	Title of Course	Credit Hours
1	4793	Preparing Critique in Educational Research	3
2	4802	Qualitative Research Methods	3
3	4803	Quantitative Research Design	3
4	4804	Elementary Teacher Education	3

b. Course Work

(Specialization in any one Cluster-6 Credit Hour)

Cluster	Code	Title of Course	Credit Hours
Curriculum	4805	Curriculum change & Policy Analysis	3
	4806	Curriculum Integration	3
Educational Psychology	4807	Developmental Psychology	3
	4808	Constructivism in Education	3
Assessment	4809	Comparative Assessment	3
	4810	Large Scale Assessment in Education	3
Educational Research	4811	Survey Research	3
	4812	Experimental Research	3
Educational Administration	4813	Total Quality Management	3
	4814	Human Resource Management in Education	3

3rd to 6th Semesters

Course	Code	Credits
Thesis	4815	36

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

For queries please contact at the following address

CHAIRMAN

Dr. Fazal ur Rehman

Department of Early Childhood Education &
Elementary Teacher Education
ICT Block, Allama Iqbal Open University
Sector H-8, Islamabad
Ph: 051-9057718, 051-9250167

PhD Teacher Education

PhD Course Work: 18 Credit Hours

Semester 1

a. Common Courses 9 Credit Hours

Sr. No.	Code	Courses	Credit Hours
1.	4802	Qualitative Research Methods	3
2.	4792	Quantitative Research Methods in Education	3
3.	4793	Preparing Critique in Educational Research	3

Semester 2

b. Specialization Course

1.	4776	Discourse Analysis	3
2.	4777	Emerging Trends in Pedagogy	3

c. Collateral Area Courses. The students can opt any one from the following:

1.	4782	Human Resources Management	3
2.	4783	Educational Leadership & Management	3

d. Comprehensive Examination

e. 3rd to 6th Semester:

4787	Thesis	36
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At least one article is to be published before viva voce exam as per HEC approved policy.

For any queries please contact at the following address:

CHAIRMAN

Department of Secondary Teacher Education,
Faculty of Education
Allama Iqbal Open University
Sector H-8, Islamabad.
Ph: 051-9250057, 051-9057708
Email: drnaveeda@gmail.com

PhD Science Education

Ph.D Course Work: 18 Credit Hours

Semester 1

a. Common Courses 9 Credit Hours

Sr. No.	Code	Courses	Credit Hours
1.	4802	Qualitative Research Methods	3
2.	4792	Quantitative Research Methods in Education	3
3.	4793	Preparing Critique in Educational Research	3

Semester 2

b. Specialization Course

1.	6779	Nature of Science in Science Education	3
2.	6777	Professional Development of Science Teacher	3

c. Collateral Area Courses (any one from the following)

1.	4782	Human Resources Management	3
2.	4783	Educational Leadership & Management	3

d. Comprehensive Examination

e. 3rd – 6th Semester:

4789	Thesis	36
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At least one article is to be published before viva voce exam as per HEC approved policy.

For any queries please contact at the following address:

CHAIRMAN
Department of Science Education,
Allama Iqbal Open University
Sector H-8, Islamabad

PhD Distance and Non-Formal Education

Semester-1

a. Common Courses 9 Credit Hours

Sr. No.	Code	Courses	Credit Hours
1.	4802	Qualitative Research Design	3
2.	4792	Quantitative Research Methods in Education	3
3.	4793	Preparing Critique in Educational Research	3

Semester-2

b. Specialization Course work (6 Credit Hours)

Specialization Courses:

Student may take 02 specialization courses:

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

c. Collateral Area

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

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

d. Comprehensive Examination

e. 3rd – 6th Semester:

4786	Thesis	36
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f. At least one article is to be published before viva voce exam as per HEC approved policy.

For any queries please contact at the following address:

Dr. Muhammad Ajmal, Chairman
Department of Distance,
Non-Formal & Continuing Education
Faculty of Education, AIOU, H-8, Islamabad
Ph: 051-9250055

PhD Educational Planning & Management

Eligibility to Apply:

- i. Candidates who have passed MS/M.Phil in EPM/ELM with 3.0 CGPA or above are eligible to apply.
- ii. Candidates who have passed MS/M.Phil in Education; with at least 9 credit hours courses of Educational Planning, Policy Studies, Leadership and Management; with 3.0 CGPA or above are eligible to apply.
- iii. Candidates who have passed MS/M.Phil in policy studies, Project Management or Business Management, must have MA Education to stand eligible to apply for Ph.D in EPM.

Semester-1

a. Common Courses 9 Credit Hours

Sr. No.	Code	Courses	Credit Hours
1.	4802	Qualitative Research Methods	3
2.	4792	Quantitative Research Methods in Education	3
3.	4793	Preparing Critique in Educational Research	3

Semester-2

b. Course Work (Specialization)

Any two of following: 6 Credit Hours

1.	4782	Human Resource Management	3
2.	4783	Educational Leadership and Management	3
3.	4791	Policy Analysis	3

c. Any one collateral area courses: (Subject to offering)

3 Credit Hours

Sr. No.	Code	Courses	Credit Hours
1.	3776	Discourse Analysis	3
2.	4777	Emerging Trends in Pedagogy	3
3.	4771	Adult and Life Long Education	3
4.	4774	Comparative Education	3

d. Comprehensive Examination

e. 3rd to 6th Semester Thesis - 4788 (36 credit hours)

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

For any queries please contact at the address:

INCHARGE

Department of Educational Planning
Policy Studies and Leadership,
Faculty of Education, AIOU, Sector H-8, Islamabad
Ph: 051-9057717 or 9250059

Fee Tariff (PhD)

Detail of dues for admission to programme are as under:

Item	Fee
Registration Fee (Once, if not already registered with AIU)	Rs.2500/-
Admission Fee (Once at the time of first semester)	Rs.2500/-
Technology Fee	Rs.500/-
Per one credit hour Rs.2500/- 3 Credit Hours course Rs.7500/- (3 course codes x Rs.7500/-)	Rs.22,500/-
Total Fee for 1st Semester	Rs.28,000/-
Total Fee for 1st Semester of PhD ETE	Rs.35,500/-
Research Thesis: (36 credit hours)	Rs.90,000/-
Thesis Evaluation Fee:	Rs.90,000/-

FACULTY MEMBERS

Prof. Dr. Nasir Mahmood

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nasir.mahmood@aiou.edu.pk
Ph: 051-9057702, 051-9050058, 051-9250060

Chairpersons of Departments

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16. **Dr. Jahan Ara Shams**
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Lecturers

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Educational Planning, Policy Studies & Leadership
Department
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E.mail: sarwat.maqbool@aiou.edu.pk
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Department
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Email: tahiralepm@gmail.com

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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 departments of Arabic and Islamic studies. Later on the Institute of Arabic and Islamic Studies was upgraded to the level of 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 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 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 refereed quality research journal Muarf-e-Islami.
5. Some of the programmes of the Faculty are unique and not offered in any other Institutions of Pakistan except AIOU such as ATTC, BEd Arabic, MA & MPhil Islamic Studies with different specializations.
6. MPhil Islamic Studies is a leading programme of the faculty and it has gained good repute in scholarly circles of Pakistan.

PROGRAMMES OFFERED BY THE FACULTY OF ARABIC & 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
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. Dars-e-Nizami Programme (Matric to BA)
 - Al Shahada al-Sanavia al-Aama
 - Al Shahada al-Sanavia al-Khasa
 - Al Shahada al-Aliya
10. BEd Arabic
11. Arabic Teachers Training Course (ATTC)
12. Al-Lisan-ul-Arabi
13. Various Courses of Islamic Studies from SSC to BA
14. Various Courses of Arabic from SSC to BA

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 & Law
5. Department of Arabic Language and Literature
6. Department of Seerah Studies
7. Department of Interfaith Studies

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 from Autumn, 2013 and is producing & selecting valuable books and allied material for these research programmes.

FACULTY MEMBERS

1. Dr. Sana Ullah Hussain
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4. Dr. Sauaad Muhammad Abbas
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5. Dr. Muhammad Tayyab Khan
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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

PROFILE OF THE PROGRAMMES

a) MPhil ISLAMIC STUDIES WITH SPECIALIZATION IN QURAN & TAFSEER

The department of Qur’an & Tafseer is offering MPhil Islamic studies with specialization in Qur’an & Tafseer. This programme was started in Autumn 2013. The MPhil Islamic studies with specialization in Qur’an & Tafseer students are required to complete specific coursework & research work under the supervision of a highly qualified supervisor. This programme required 2 to 4 year’s time for completion. The student complete coursework under the guidance of qualified faculty members. This programme is designed to carry out research in different fields of Quranic Studies so that new dimensions of understanding of Islam can be discovered with the guidance of Qur’an. 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 WITH SPECIALIZATION IN QUR’AN & TAFSEER

The MPhil Islamic Studies with specialization in Qur’an & Tafseer is aimed to:

- 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 a command over the area of specialization in Qur’an & Tafseer.

3. ELIGIBILITY FOR ADMISSION

Candidates having MA Islamic Studies or equivalent degree with second division in MA Islamic Studies & 2nd division in BA can apply for the admission in MPhil. However, in case of a large number of applicants, initial short-listing of candidates will be made. Preference will be given to those candidates who have passed all degrees with first division or atleast 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.
- 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 equivalence certificate (by name) from HEC.**

4. PROCEDURE FOR ADMISSION

The Admission in MPhil Islamic Studies with specialization in Qur'an & Tafseer is offered in Spring Semester. 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 & depositing of 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 name of short-listed candidates along with schedule of written test/interview will be displayed at the website of AIOU (www.aiou.edu.pk)

6. IMPORTANT NOTICE:

1. No call letters by post will be sent to the candidates for Test/ Interview.
2. The eligible candidates are required to bring along-with them all original educational documents/ degrees/ thesis/ research paper/experience certificates (if any) for verification during the Interview. Candidates are advised to provide attested copy of any of the testimonial at the time of Interview.
3. 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 with Specialization in Qur'an & Tafseer
1.	Duration	Coursework: Two Semesters Research work/Thesis: Two Semesters
2.	Credit Hours	As per HEC/AIOU 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.
5.	Face to Face Classes	48 hours Face to Face class for each 3 credit hours course in each semester.
6.	Workshops	Two week synopsis orientation workshop at the start of research work after the completion of course work.

		Sr. No.	Component	Weightage
7.	Course Work	1.	Continuous Assessment & Mid Term	50%
		2.	Final examination	50%

8. DETAIL OF COURSES

1st Semester

Sr. #	Code	Course Title	Credit Hrs	Components of course
1.	4735	Research Methodology & Scholarly Writing	03	As per AIOU/ HEC Rules
2.	5791	Ijtihad: Principles & Methods	03	
3.	5790	Islam & Orientalism	03	
4.	4736	Source of Islamic Sciences	03	

2nd Semester

1.	4737	Israeliyat & Tafseer	03	-do-
2.	4738	Methods of Mufasssereen	03	
3.	4739	Sources of Uloom-ul-Qur'an & Usul-i-Tafseer	03	
4.	4740	Study of Selected Quranic Subjects	03	

3rd & 4th Semester

1.	725	Thesis	12	Two weeks Synopsis Orientation Workshop
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9. FEE STRUCTURE

The fee structure of MPhil Islamic Studies with specialization in Quran & Tafseer is as under:

Admission fee (At the time of first admission)	Rs.1500/-
Registration fee (At the time of 1st admission only)	Rs.1000/-
Technology fee (per student per semester)	Rs.500/-
Course Fee (Per 3 credit hours) Rs.4200 x 4 = Rs.16,800/-	Rs.16,800/-
Thesis Fee	Rs.16,800/-
Thesis Evaluation Fee	Rs.16,800
Total Fee First Semester	Rs.19,800/-

10. HOW TO APPLY FOR ADMISSION

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

1. Please read the online prospectus carefully.
2. Fill in all columns of online Application Form carefully and do not leave/skip any column incomplete.
3. Affix your photo at the place provided for that purpose.

4. Upload following documents with the online 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 Al-Shada Al-Almiya and result Cards (if any) along with equivalence certificate 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 uploaded, no leave/skip any column.

IMPORTANT NOTICE

Online Admission Forms should not be submitted in any bank etc. Forms submitted to any address other than online will not be entertained.

b) PhD ISLAMIC STUDIES (MPHIL BASED) WITH SPECIALIZATION IN QURAN & TAFSEER

1. AIMS & OBJECTIVES OF PHD ISLAMIC STUDIES (with Specialization in Quran & Tafseer)

The PhD Islamic Studies with Specialization in Quran & Tafseer aims to:

- Provide a focused study in Qur'an & Tafseer in order to prepare scholars in the field who have proficiency to handle contemporary challenges in the field.
- Provide such leaders to Muslim Ummah who have the capability to provide guidance in different professions in the light of Qur'anic Teachings.
- Provide opportunities of professional growth and development to scholars in the area.

2. ELIGIBILITY FOR ADMISSION

- Master degree in Islamic Studies with eighteen years of schooling (MS/MPhil in Islamic Studies) or equivalent from any recognized university in first division or CGPA 3.00 alongwith thesis.
- Departmental Test/Interview by the PhD Admission Committee

3. PROCEDURE FOR ADMISSION

The Admission in PhD Programme (with Specialization in Quran & Tafseer) is usually advertised in Spring semester. The admission is announced 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 of admission fee.

4. SCHEME OF STUDIES

Sr. #	Name of Programme	PhD in Islamic Studies (with Specialization in Quran & Tafseer)
1	Duration	Maximum five years (10 Semesters)
2	Medium of Instruction	(i) Urdu (ii) English (iii) Arabic
3	Course Work	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	Face to Face	48 hrs Face to Face class for each 3 credit hrs course in each semester.
6	Workshop	Two week synopsis workshop after completion of coursework & passing comprehensive exam.

7	Evaluation	As per amendments in AIOU rules & regulations, a PhD thesis is necessary to be sent for evaluation to three foreign experts from technological advanced countries.
9	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.
10	Components of Course work	1. Continuous Assessment 2. Face to face classes 3. Mid-Term exam 4. Final Exam 5. Comprehensive Exam

5. DETAILS OF COURSE WORK PhD

1st Semester

Sr. #	Course Code	Course Title	Credit Hours
1	4730	Comparative Study of Tafseer Literature	03
2	6722	Contemporary Trends in Tafseer	03
3	4731	Quran & Science (A Research Study)	03

2nd Semester

1	4732	Applied Research in Ilm-Tafseer & Uloom-ul-Quran	03
2	4733	Methodologies & Modes of Mufasssreen	03
3	4734	Selected Textual Study of Uloom-ul-Quran & Usul-e-Tafseer	03

3rd – 6th Semesters

4726	Thesis	36
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6. FEE STRUCTURE

The fee structure of PhD Islamic Studies (with Specialization in Quran & Tafseer) is as under:

Admission fee (At the time of first admission)	Rs.2500/-
Registration fee (At the time of 1st admission only)	Rs.2500/-
Technology fee (per student per semester)	Rs.500/-
Course Fee (Per 3 credit hours) Rs.750 x 3 = Rs.22,500/-	Rs.22,500/-
Thesis Fee:	Rs.90,000/-
Thesis Evaluation Fee	Rs.90,000/-
Total Fee First Semester	Rs.28,000/-

7. HEC APPROVED SUPERVISORS IN THE FACULTY

Following Faculty Member 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.
2. Dr. Snaullah
3. Dr. Muhammad Shahid
4. Dr. Ahmad Raza
5. Dr. Hidayat Khan
6. Dr. Arshad Iqbal

8. HOW TO APPLY FOR ADMISSION

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

1. Please read the online 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 Card
 - ii. Attested copy of Domicile Certificate
 - iii. Attested copy of 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 MPhil Degree and Result Cards
 - viii. Attested copy of Al-Shahadat-ul-Aalmiya and result cards along with HEC Equivalence Certificate.
 - ix. Attested copy of any proof of Arabic/English proficiency
 - x. Copy of Hifz Certificate (if any)
 - xi. Certificate of Research at MA Level (if any)
 - xii. Any other document you like to attach in support of your qualification
 - xiii. Copy of published research papers (if any)

DEPARTMENT OF SHARI'AH

The department of Shari'ah was established to conduct advance research in the field of Islamic Law and Jurisprudence (Shari'ah). To achieve this goal, the department is offering graduate and post graduate programmes. The Department is offering specialization in Islamic Law and Jurisprudence at BS, MA, MS and PhD level.

FACULTY MEMBERS

1. Dr. Hidayat Khan
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3. Dr. Tahira Ifraq
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4. Dr. Hafiz Moazzum Shah
Lecturer
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PROGRAMES OFFERED BY THE DEPARTMENT

1. MA Islamic Studies with Specialization in Islamic Law and Jurisprudence
2. BS Islamic Studies with Specialization in Islamic Law and Jurisprudence
3. MS Shari'ah (Equal to M.Phil)

DETAILS OF DEPARTMENT-BASED PROGRAMME

a) MS SHARI'AH PROGRAMME

1. PROFILE OF THE PROGRAMME

The department of Shari'ah, F/O Arabic and Islamic Studies is offering MS Shari'ah Programme.

This programme has started in Autumn, 2014 semester. This is the most important & significant programme offered by the Department of Shari'ah, Faculty of Arabic & Islamic Studies AIOU. The MS Shari'ah programme is reputed as one of the best programmes in public sector universities of Pakistan. This programme has been designed to carry out research in different fields of Shari'ah in order to explore new dimensions of understanding of Islam. It provides to the scholars an opportunity of exercising independent critical judgment through research skills to serve Islamic & Muslim communities.

The graduates of MS Shari'ah program from AIOU will serve on important academic & administrative post in the colleges & Universities of Pakistan as well as in the foreign countries.

MS Shari'ah programme requires 2 to 4 years of time for completion. The students are required to complete specific course work & research work under the supervision of highly qualified teachers/supervisors.

2. AIMS & OBJECTIVES OF MS SHARI'AH

The MS Shari'ah is aimed:

- To prepare scholars who have grip over Islamic Studies in general and over Shari'ah in particular.
- To provide opportunities of professional growth and development to Shari'ah scholars.
- To establish a cadre of specialists and professionals in different fields of Shari'ah who can provide effective leadership in guiding and conducting quality research in various disciplines of Shari'ah.
- To prepare scholars of research aptitude who can analyze the facts in the light of Islamic research principles.
- To enhance the skills of research and create better understanding of Islam and contemporary challenges faced by the Muslim Ummah.
- To provide opportunity of learning the methods of use of basic Islamic Sources for the purpose of Islamization of contemporary knowledge and laws.

3. ELIGIBILITY FOR ADMISSION

a) M.A/BS Islamic Studies or equivalent degree

(with minimum 2nd division in both M.A/BS Islamic Studies & BA)

OR

Shahada-tul-Aalmiya (شهادة العالمية فى العلوم الاسلامية والعربية)
(sixteen years education) from any institution recognized by

the HEC. The Candidate must have Matric, FA from SSC and HSSC boards and BA from any University recognized by the HEC or equivalent.

Note: The candidate must provide equivalence certificate of **Shahada-tul-Aalmiya** issued by the HEC.

نوٹ: طلبہ کی تعداد زیادہ ہونے کی صورت میں صرف فرسٹ ڈویژن والوں کو تحریری امتحان کے لئے بلایا جائے گا۔

b) Preference will be given to those candidates who have:

- i) Passed all certificates/degrees with 1st division.
- ii) MA Islamic Studies with specialization in Islamic Law and Jurisprudence in 1st division or equivalent.
- iii) MA Islamic Studies with thesis topic related to Islamic Law and Jurisprudence or equivalent.
- iv) **Shahada-tul-Aalmiya** with MA Islamic Studies.
- v) Expertise in Arabic language and Hifz-e-Quran is also considered extra qualification.
- vi) Teaching experience of intermediate or above levels at a recognized college/institution is also given due weightage in admission criteria.
- vii) Published research papers in approved research journals are also considered in admission criteria.

4. PROCEDURE FOR ADMISSION in MS SHARI'AH

- The admission is announced in National and Regional newspapers.
- Prospectus can only be downloaded from university website.
- All applications are evaluated on the basis of approved criteria.

- A departmental test will be arranged for the eligible/ short listed candidates.
- The admission will be confirmed after passing the subject test/interview & depositing of admission fee.

Note: Admission can only be applied online.

5. DEPARTMENTAL TEST/ INTERVIEW:

- Test equivalent to GRE/GAT General and Interview for admission of short listed/eligible candidates will be arranged by the Department concerned at AIOU Main Campus H-8, Islamabad.
- The list of short listed candidates along with schedule of written test/interview will be displayed at the website of AIOU (www.aiou.edu.pk) within 03 weeks after closing date of admissions.
- No call letters will be sent to the candidates for Test/ Interview.

6. IMPORTANT NOTICE:

The eligible candidates are required to bring along-with them:

- i. All original educational documents/degrees
- ii. Thesis/research paper
- iii. Experience certificates
- iv. Original CNIC for verification.
- v. Candidates are advised to provide attested copy of any of the testimonial that was not attached with the application for verification/identification.
- vi. Candidates will not be allowed to sit in the written test without showing their original CNIC.
- vii. TA/DA is not admissible for test/interview.

7. SCHEME OF STUDIES:

S. No.	Name of Programme	MS Shari'ah
1.	Duration	1. Course work Two Semesters 2. Research work/Thesis Two Semesters
2	Level of Course	MS SHARI'AH (Post Graduate equal to M. Phil)
3	Credit	As per AIOU/HEC rules & Regulations
4	Medium of Instruction	(i) Urdu (ii) English (iii) Arabic
5	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 hrs in AIOU rules & regulations.
6	Workshops	i) Minimum number of compulsory face to face teaching is 48 hours for each course (03 credit hours) ii) Two weeks synopsis orientation workshop at the start of research work after the completion of course work. iii) Workshops will be conducted at AIOU main campus Islamabad.

		Therefore, Students all over the Pakistan would be required to attend workshops at Islamabad as organized by the Department Concerned.		
7	Exams	All examinations will be held at main campus of AIOU, Islamabad نوٹ: تمام کلاسز، مڈ ٹرم اور فائنل امتحانات کا انعقاد صرف علامہ اقبال اوپن یونیورسٹی کے مین کیمپس اسلام آباد میں ہوگا۔		
8	Components MS Shari'ah Course Work	S. No.	Component	Weightage
		1.	Continuous Assessment & Mid Term	50 % (20+30)
		2.	Final examination	50 %

8. DETAIL OF COURSES

1st Semester

Sr. No.	Code	Course Title	Credit Hrs	Components of course
1.	6780	Research Methodologies in Islamic Studies	03	Each course includes following components: 1. Two assignments based on distance learning 2. 48 hours of workshop 3. Mid Term Examination
2.	6781	Islamic Jurisprudence	03	
3.	6782	An introduction to the basic Sources of Fiqh-e-Islami and Usul ul Fiqh	03	

4.	6783	Ethics of disagreement in Islami Fiqh	03	4. Final Examination
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2nd Semester

Sr. No.	Code	Course Title	Credit Hrs	Components of course
1.	6784	Commercial Law of Islam and its applications	03	-do-
2.	6785	Study to Selected Ayaat and Ahadith related to Ahkam	03	
3.	6786	Islamic Judicial System and International Law of Islam	03	
4.	6787	Constitutional Law	03	

3rd & 4th Semester

1.	6788	Thesis	12	-do-
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9. FEE STRUCTURE

The fee structure of **MS Shari'ah** is as under:

Admission fee (At the time of first admission)	Rs.1500/-
Registration fee (At the time of 1st admission only)	Rs.1000/-
Technology fee (per student per semester)	Rs.500/-
Course Fee (Per 3 credit hours) Rs.4200 x 4 = Rs.16,800/-	Rs.16,800/-
Thesis Fee	Rs.16,800/-
Thesis Evaluation Fee	Rs.16,800
Total Fee First Semester	Rs.19,800/-

10. HOW TO APPLY FOR ADMISSION

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

1. Admission can only be applied online
2. Please read the prospectus carefully.
3. Fill all columns of Application Form carefully and do not leave any column incomplete.
4. Fix your photo at the place specified for that purpose.

5. Attach following documents with the Application Form

- i. Attested copy of CNIC
- 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 B.A Degree and result Cards
- vii. Attested copy of M.A/BS Degree and result Cards
- viii. Attested copy of Al-Shahada-tul-Aalmiya and result Cards along with equivalence certificate by HEC.
- ix. Attested copy of any proof of Arabic/English proficiency (If any)
- x. Copy of Hifz Certificate (If any)
- xi. Certificate of research at M.A Level (if any)
- xii. Copy of published research papers (if any)
- xiii. Any other document you like to attach in support of your qualification.

GENERAL INFORMATION

- i. The certificates/degrees of AIOU are equivalent to any other recognized Board/University.
- ii. A candidate is required to submit complete admission form and upload scan documents through online system before or on the closing date.
- iii. 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.
- iv. A course taken by any student cannot be changed during the semester.
- v. The address of a student will not be changed during the semester.
- vi. **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.**
- vii. Fee cannot be refunded once paid for admission nor can it be adjusted for any other programme
- viii. 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.
- ix. Study material shall be available on university website.
- x. 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.
- xi. 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.
- xii. It is the responsibility of the student to remain in touch with the department regarding the selected programme.
- xiii. 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.
- xiv. After completion of a programme successfully, a student has to apply to Controller of Examinations for issuance of certificate/degree.
- xv. The university reserves the right to change contents of this prospectus without any prior notice as per university policy.
- xvi. 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.

- xvii. 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.
- xviii. Interested candidates are required to apply for admission through online admission portal only.
- xix. There is no need to send admission form or documents in hard form to the department or AIOU.
- xx. The minimum duration of M Phil Iqbal Studies is two years (4 Semesters) and the maximum duration shall be four years (8 Semesters).
- xxi. The minimum duration for the Direct PhD programme shall be six semesters (3 years) and maximum duration of the programme shall be 10 semesters (5 years). However, Extension will be availed as per AIOU policy.

IMPORTANT NOTICE:

1. No call letters by post will be sent to the candidates for Test/ Interview.
2. The eligible candidates are required to bring along-with them all original educational documents/ degrees/ thesis/ research paper/experience certificates (if any) for verification during the Interview. Candidates are advised to provide attested copy of any of the testimonial at the time of Interview.
3. Candidates will not be allowed to sit in the Written Test without showing I.D. Card. No TA/DA is admissible for Test & Interview.

PROCEDURE FOR DEPOSITING FEE

- 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.
- After depositing the fee, once admission is confirmed, fee cannot be refunded.

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.

مقالہ فیس 16,800/- روپے
مقالہ جانچنے کی فیس: 16,800/- روپے
نوٹ: داخلے کی منظوری کی اطلاع ملنے پر فیس جمع کرائی جائے بصورت دیگر فیس واپس نہیں ہوگی۔

شعبے کے اساتذہ کے نام، پتے اور فون نمبر

نمبر شمار	نام و عہدہ	پتہ اور فون نمبر
1.	ڈاکٹر عبداللہ جان عابد چیئر مین	کمرہ نمبر 112، بلاک نمبر 05، AIOU 051-9250071
2.	ڈاکٹر حاکم علی برٹو اسٹنٹ پروفیسر	کمرہ نمبر 110، بلاک نمبر 05، AIOU 051-9057778
3.	ڈاکٹر عبدالواجد اسٹنٹ پروفیسر	کمرہ نمبر 109، بلاک نمبر 05، AIOU 051-9057893
4.	ڈاکٹر ضیاء الرحمن بلوچ اسٹنٹ پروفیسر	کمرہ نمبر 107، بلاک نمبر 05، AIOU 051-9057779
5.	ڈاکٹر محمد صدیق ملک لیکچرار	کمرہ نمبر 113، بلاک نمبر 05، AIOU 051-9057778
6.	ڈاکٹر زیب النساء لیکچرار	کمرہ نمبر 108، بلاک نمبر 05، AIOU 051-9057776

- 2- درخواست دہندہ کے لیے آن لائن درخواست فارم میں تمام مطلوبہ خانے پُر کرنا لازمی ہیں۔
- 3- درخواست دہندہ کو چاہیے کہ وہ درخواست کی فیس جاری کردہ چالان فارم پر مجوزہ بینکوں میں جمع کرائے (متعلقہ بینکوں کے نام اشتہار میں درج ہیں)
- 4- فیس جمع کرانے کے بعد چالان نمبر آن لائن فارم میں درج کیا جائے اور بینک چالان سے یونیورسٹی کا پتہ علیحدہ کر کے لفافے پر چسپاں کریں اور بعد ازاں اپنا داخلہ فارم مع چالان فارم (یونیورسٹی کا پی) اور تمام اسناد کی مصدقہ نقول بذریعہ رجسٹرڈ ڈاک/UMS درج ذیل پتے پر ارسال کریں۔
- 5- نامکمل اور تاخیر سے موصول ہونے والی درخواستوں پر کارروائی عمل میں نہیں لائی جائے گی۔

ڈاکٹر عبداللہ جان عابد
چیئر مین
شعبہ پاکستانی زبانیں، بلاک نمبر 5
علامہ اقبال اوپن یونیورسٹی، اسلام آباد
فون نمبر: 051-9250071

شرح فیس

1-	رجسٹریشن فیس	1000/- روپے (پہلی بار داخلہ کے وقت صرف ایک مرتبہ جمع کرانی ہوگی)
2-	داخلہ فیس	1500/- روپے (صرف پہلے سمسٹر کی فیس کے ساتھ)
3-	کورس فیس (فی 3 کریڈٹ آورز)	16,800/- = 4200 x 4 روپے
4-	آئی ٹی فیس	500/- روپے (ہر سمسٹر کی فیس کے ساتھ)
	کل فیس	19,800/- روپے

☆ کورس ورک کی کامیاب تکمیل کے بعد خاکہ سازی کی ورکشاپ منعقد کی جائے گی، جس میں تحقیقی موضوعات کی تیاری کے سلسلے میں تربیت فراہم کی جائے گی۔ اس ورکشاپ میں شرکت کرنے والے طلبہ کے موضوعات کے خاکے ایم فل کے یونیورسٹی قواعد کے تحت منظوری کے لیے پیش کیے جائیں گے۔ اس ورکشاپ کا دورانیہ دو ہفتے کا ہوگا۔

جانچ پڑتال

-1 (20+30) 50% Continous Assignment and Mid Term
-2 Final Examination 50%

☆ ہر کورس کی کامیاب تکمیل کے لیے طلبہ کا امتحانی مشقوں، کورس ورکشاپ، مڈ ٹرم اور آخری امتحان میں کامیاب ہونا لازمی ہے۔

The Policy of reappear and again reappear is dismissed.

ایم فل پاکستانی زبانیں وادب میں داخلے کے قواعد و ضوابط

- 1- امیدوار کا کسی بھی تسلیم شدہ یونیورسٹی سے ایم اے پنجابی/ پشتو/ بلوچی/ براہوئی/ سندھی/ سرائیکی میں درجہ دوم یا اس کے مساوی قابلیت کا حامل ہونا لازمی ہے۔
- 2- ایم فل میں داخلے کے لیے امیدوار کا شعبے میں GRE/GAT General کے مساوی ٹیسٹ لیا جائے گا۔ کامیاب امیدوار ہی انٹرویو کے اہل ہوں گے۔

آن لائن درخواست کے لیے رہنمائی

- 1- آن لائن درخواست فارم یونیورسٹی کے سرکاری ویب سائٹ www.aiou.edu.pk پر دستیاب ہوگا۔

دوسرا سمسٹر..... خزاں 2022ء

کورس کوڈ	کورس کا نام	کریڈٹ آورز
2725	سندھی، سرائیکی کشمیری: زبان وادب	3
2726	شمالی علاقہ جات کی زبانیں وادب (بلتی، شنا، کھوار، بروشسکی، وخی)	3
5765	اصول تحقیق (زبان وادبیات) I	3
5766	اصول تحقیق (زبان وادبیات) II	3

تیسرا اور چوتھا سمسٹر (ریسرچ ورک)

کورس کوڈ	کورس کا نام	کریڈٹ آورز
2728	تحقیقی مقالہ (Thesis)	12

ذریعہ تعلیم

کورس ورک اردو زبان میں ہوگا جبکہ ریسرچ ورک یعنی تحقیقی مقالہ اپنی مادری زبان (جس میں طالب علم نے ایم اے کیا ہو) کے علاوہ اردو اور انگریزی میں بھی لکھنے کی اجازت ہے۔

تدریس

☆ ہر سمسٹر میں پیش ہونے والے کورسوں کی تدریس براہ راست (آن لائن) اور فی کورس (3 کریڈٹ آورز) 48 گھنٹے ہوگی۔ اس کی بدولت طلبہ کو روایتی تعلیم کی طرز پر بالمشافہ (Face to Face) تعلیم کا موقع میسر آئے گا اور تعلیمی و تحقیقی مسائل اور ان کے امکانات بھی زیر بحث لائے جائیں گے۔

شعبہ پاکستانی زبانیں

تعارف:

شعبہ پاکستانی زبانیں 1998ء میں قائم ہوا۔ علامہ اقبال اوپن یونیورسٹی ملک کی واحد یونیورسٹی ہے جس میں پاکستان میں بولی جانے والی تمام زبانوں کے فروغ اور تدریس کے لیے شعبہ پاکستانی زبانیں کا قیام عمل میں لایا گیا جو پاکستانی زبانوں کے تدریسی کورس پیش کرتا ہے۔ یہ کورس میٹرک، انٹرمیڈیٹ اور بی اے کی سطح کے ہیں۔ مزید برآں پاکستانی زبانوں اور ان کے ادب سے متعلق کتب کی اشاعت اور پاکستانی زبانوں کے کلاسیکی شعرا پر سیمنارز کا اہتمام بھی شعبہ پاکستانی زبانیں کی سرگرمیوں میں شامل ہے۔ پاکستان کے مختلف علاقوں میں بولی جانے والی زبانیں مستحکم حیثیت کی حامل ہونے کے ساتھ ساتھ کئی مشترک عناصر بھی رکھتی ہیں۔ قومی یک جہتی کے فروغ میں کسی ایسے پروگرام کی ضرورت کافی عرصہ سے محسوس کی جا رہی تھی جس میں پاکستانی زبانوں کا تقابلی مطالعہ، ادبیات پاکستان کا تقابلی مطالعہ اور ان زبانوں کے منفرد اور مشترک ادبی رجحانات کا احاطہ کیا گیا ہو۔ وقت کے اس تقاضے کے پیش نظر علامہ اقبال اوپن یونیورسٹی کے شعبہ پاکستانی زبانیں نے سمسٹر بہار 2004ء میں ایم فل پاکستانی زبانیں و ادب پروگرام متعارف کرانے کا اہتمام کیا جس کے چیدہ چیدہ مقاصد درج ذیل ہیں۔

- 1- قومی یک جہتی اور ملی ہم آہنگی کے فروغ کے لئے طلبہ و طالبات کو پاکستانی زبانوں کے مشترک نقوش، بین اللسانی روابط اور مشترک ادبی رجحانات سے روشناس کرانا۔
- 2- طلبہ اور طالبات کو پاکستانی زبانوں اور ان کے ادب کے بارے میں مطالعاتی اور تحقیقی بنیادیں فراہم کرنا۔
- 3- پاکستان میں کثیر لسانی ماہرین کی کمی کو کسی حد تک پورا کرنے میں مدد دینا۔

4- پاکستانی زبانوں (پشتو، سندھی، بلوچی، براہوئی، پنجابی، سرائیکی) کے اساتذہ کی پیشہ ورانہ مہارت میں اضافہ کرنا۔

مطالعاتی سکیم

ایم فل پاکستانی زبانیں و ادب پروگرام:

- 1- ایم فل (پاکستانی زبانیں و ادب) بہ تخصیص پنجابی، پشتو، سندھی، سرائیکی، بلوچی اور براہوئی) پروگرام 24 کریڈٹ آرز کے کورس ورک اور 12 کریڈٹ آرز کے ریسرچ ورک پر مشتمل ہے۔
- 2- طلبہ ایک سمسٹر میں زیادہ سے زیادہ تین تین کریڈٹ آرز کے چار کورسوں میں داخلہ لے سکتے ہیں۔

کورسوں کی تفصیل:

پہلا سمسٹر..... بہار 2022ء

کورس کوڈ	کورس کا نام	کریڈٹ آرز
2721	پاکستانی زبانوں کا تقابلی مطالعہ، ادبیات پاکستان کا تقابلی مطالعہ، اردو زبان و ادب	3
2722	بلوچی، براہوئی: زبان و ادب	3
2723	پشتو، ہندکو، توروالی، گاوری: زبان و ادب	3
2724	پنجابی، پہاڑی، گجری: زبان و ادب	3

☆ آخری امتحان میں کامیابی کے لیے کم از کم 50% نمبر حاصل کرنا ہوں گے۔

The Policy of reappear and again reappear is discontinued.

گریڈ کی تقسیم کا طریقہ کار

A+	80 فی صد اور اس سے زائد
A	70 فی صد سے 79 فی صد تک
B	60 فی صد سے 69 فی صد تک
C	50 فی صد سے 59 فی صد تک
فیل	50 فی صد سے کم

تحقیقی مقالہ

- (1) مقالے کے موضوع کی منظوری کے لیے مجوزہ موضوع پر خاکہ اور کتابیات اصول تحقیق کے معین اصولوں کی روشنی میں تیار کر کے متعلقہ شعبے کو پیش کیے جائیں گے۔ موضوع تحقیق، قطعی، واضح اور طبع زاد (Original) ہونا چاہیے۔
- (2) مجوزہ موضوع کی منظوری کے بعد طالب علم اپنے نگران مقالہ کی رہنمائی میں اپنی تحقیق مکمل کرے گا۔ نگران کی تعلیمی اہلیت کے پیش نظر اس کا تقرر کیا جائے گا۔
- (3) ایم فل کے نگران مقالہ کا پنی ایچ ڈی ہونا ضروری ہے۔
- (4) مقالے کی تکمیل پر طالب علم اپنے مقالے کی چار کاپیاں مع خلاصہ اپنے نگران کے تصدیقی مراسلے کے ہمراہ شعبہ اردو میں جمع کرائے گا اور ایک اضافی کاپی اپنے نگران تحقیق کو بھی پیش کرے گا۔

(الف) ممتحنین کا تقرر

مقالے کی تکمیل کے بعد متعلقہ شعبے کی طرف سے بھیجے گئے پینل میں سے ممتحنین کا

تقرر کیا جاتا ہے۔ ممتحنین مقالے کا جائزہ لے کر اپنا رزلٹ ڈائریکٹر BASR کو بھیجتے ہیں۔

(ب) زبانی امتحان

اگر مقالے کے بارے میں دونوں ممتحنین مثبت رائے کا اظہار کریں تو پھر اس پر زبانی

امتحان کا انعقاد ہوتا ہے۔

اساتذہ شعبہ اردو

1-	پروفیسر ڈاکٹر عبدالعزیز ساحر	2-	ڈاکٹر نورینہ تحریم بابر
	صدر شعبہ اردو		ایسوسی ایٹ پروفیسر
	فون نمبر: 051-9250069		فون نمبر: 051-9057771
3-	ڈاکٹر ارشد محمود ناشاد	4-	ڈاکٹر محمد قاسم
	ایسوسی ایٹ پروفیسر		اسٹنٹ پروفیسر
	فون نمبر: 051-9057767		فون نمبر: 051-9057900
5-	ڈاکٹر صفدر رشید	6-	ڈاکٹر عبدالستار ملک
	اسٹنٹ پروفیسر		لیکچرار
	فون نمبر: 051-9057724		فون نمبر: 051-9057348
7-	ڈاکٹر قاسم یعقوب		لیکچرار
	فون نمبر: 051-9057770		

پروفیسر ڈاکٹر عبدالعزیز ساحر، صدر شعبہ اردو،
بلاک نمبر 5، علامہ اقبال اوپن یونیورسٹی، H-8، اسلام آباد،
فون نمبر: 051-9057254 051-9250069

تیسرا اور چوتھا سمسٹر (ریسرچ ورک)

کورس کوڈ	کورس کا نام	کریڈٹ آورز
5779	تحقیقی مقالہ (Thesis)	12

ذریعہ تعلیم: اردو زبان

ورکشاپ

- ☆ ورکشاپ ایم فل پروگرام کا لازمی حصہ ہے جو ہر سمسٹر میں 28 دنوں پر مشتمل ہوگی۔ ورکشاپ کی بدولت طلبہ کو روایتی تعلیم کی طرز پر بالمشافہ (Face to Face) تعلیم کا موقع میسر آئے گا اور تعلیمی و تحقیقی مسائل اور ان کے امکانات بھی زیر بحث لائے جائیں گے۔ ورکشاپ کا انعقاد صرف مرکزی کمپس اسلام آباد میں ہوگا۔ ورکشاپ کا حتمی نظام الاوقات شعبے کی طرف سے طے کیا جائے گا اور اس بابت طلبہ کو بروقت آگاہ کر دیا جائے گا۔
- ☆ کورس ورک کی کامیاب تکمیل کے بعد خاکہ سازی کے لئے ورکشاپ منعقد کی جائے گی جس میں تحقیقی موضوعات کی تیاری کے سلسلے میں تربیت فراہم کی جائے گی۔ اس ورکشاپ میں شرکت کرنے والے طلبہ کے موضوعات ایم فل کے متعلقہ قوانین کے تحت منظوری کے لیے پیش کیے جائیں گے۔

جانچ پڑتال کا طریقہ:

- ☆ جانچ پڑتال تین طریقوں سے کی جائے گی۔
- (i) امتحانی مشقیں (ii) کورس ورکشاپ (iii) آخری امتحان
- ان تینوں میں طلبہ کو درج ذیل تناسب سے نمبر حاصل کرنا ہوں گے۔
- امتحانی مشقیں 20% ورکشاپ 10% آخری امتحان 70%

- ☆ ہر کورس کی کامیاب تکمیل کے لیے طلبہ کا امتحانی مشقوں، ورکشاپ اور آخری امتحان میں کامیاب ہونا لازمی ہے۔
- ☆ امتحانی مشقوں میں کامیابی کے لیے کم از کم 50% نمبر حاصل کرنا ہوں گے۔

ایم فل اردو میں داخلے کے قواعد و ضوابط

- ☆ ایم فل میں داخلے کے لیے امیدوار کا ایم اے اردو میں کم از کم درجہ دوم یا اس کے مساوی قابلیت کا حامل ہونا لازمی ہے۔
- ☆ کالج اور یونیورسٹی کے اساتذہ کو ترجیح دی جائے گی۔
- ☆ داخلہ میرٹ کی بنیاد پر ہوگا۔
- ☆ امیدوار کا سبجیکٹ ٹیسٹ اور انٹرویو بھی لیا جائے گا۔ ٹیسٹ اور انٹرویو میں پاس ہونا لازمی ہے۔

شرح فیس:

- 1- رجسٹریشن فیس 1000/- روپے (پہلی بار داخلہ لیتے وقت صرف ایک مرتبہ جمع کروانی ہوگی)
- 2- کورس ٹیوشن فیس 4200/- روپے (نی 3 کریڈٹ آورز)
- 3- داخلہ فیس 1500/- روپے (پہلے سمسٹر کی فیس کے ساتھ)
- 4- آئی ٹی فیس 500/- روپے (ہر سمسٹر کی فیس کے ساتھ)
- 5- مقالہ فیس: 16800/- روپے
- 6- مقالہ جانچنے کی فیس: 16800/- روپے

- نوٹ: داخلے کی منظوری کی اطلاع ملنے کے بعد فیس جمع کرائی جائے گی۔ بصورت دیگر فیس واپس نہیں ہوگی۔ نیز مقالے سے متعلقہ فیس کے متعلق معلومات بعد میں جاری کی جائیں گی اس ضمن میں واضح رہے کہ فیس وغیرہ سے متعلق معاملات شعبہ داخلہ کی ذمہ داری ہے۔

شعبہ اردو

تعارف:

شعبہ اردو کا قیام 1974ء میں علامہ اقبال اوپن یونیورسٹی کے قیام کے ساتھ ہی عمل میں آیا۔ یہ شعبہ اب تک اردو زبان و ادب کی تدریس کے حوالے سے مختلف امور کی انجام دہی خصوصاً قومی زبان کو بہ طور لازمی مضمون متعارف کروانے میں، فعال کردار ادا کر رہا ہے۔ اس وقت شعبہ اردو کی طرف سے میٹرک، انٹرمیڈیٹ اور بی اے کے علاوہ ایم اے، ایم فل اور پی ایچ ڈی (اردو) کے پروگرام پیش کیے جا رہے ہیں۔

ایم فل اردو پروگرام کے مقاصد

- 1- طلبہ کی علمی استعداد میں اضافہ کرنا۔
- 2- طلبہ کو اردو ادب کے قدیم اور جدید رجحانات سے آگاہ کرنا۔
- 3- اردو کے اساتذہ کی پیشہ ورانہ مہارت میں اضافہ کرنا۔
- 4- ایم فل کرنے والے طلبہ کی تحقیقی صلاحیتوں کو ابھارنا۔

مطالعائی سکیم

- 1- ایم فل (اردو) پروگرام 24 کریڈٹ آرز کے کورس ورک اور 12 کریڈٹ آرز کے ریسرچ ورک پر مشتمل ہے۔
- 2- طلبہ ایک سمسٹر میں زیادہ سے زیادہ تین تین کریڈٹ آرز کے چار کورسوں میں داخلہ لے سکتے ہیں۔

ایم فل (اردو)

علامہ اقبال اوپن یونیورسٹی میں رسمی تدریس کے عام طریقے استعمال نہیں کیے جاسکتے۔ چونکہ اس یونیورسٹی کے طلبہ پورے ملک میں پھیلے ہوئے ہیں، اس لیے انہیں فاصلاتی تعلیم (Distance Learning) کے اصول کے مطابق تعلیم دی جاتی ہے۔

پہلا سمسٹر..... بہار 2022ء

کورس کوڈ	کورس	کریڈٹ آرز
5771	اردو ادب کا سیاسی و ثقافتی پس منظر I	3
5772	اردو ادب کا سیاسی و ثقافتی پس منظر II	3
5773	اردو ادب کی تحریکات اور تنقیدی نظریات I	3
5774	اردو ادب کی تحریکات اور تنقیدی نظریات II	3

دوسرا سمسٹر..... خزاں 2022ء

کورس کوڈ	کورس	کریڈٹ آرز
5775	تدریس ادب I	3
5776	تدریس ادب II	3
5777	اصول تحقیق I	3
5778	اصول تحقیق II	3

علامہ اقبال اوپن یونیورسٹی کا تعارف

(کیمسٹری)، بی ایس (مائیکروبیالوجی) اور کئی پوسٹ گریجویٹ پروگراموں میں طلبہ کو بالمشافہ رہنمائی مہیا کی جاتی ہے۔ علامہ اقبال اوپن یونیورسٹی چار سالہ انڈرگریجویٹ ڈگری پروگرام پیش کر رہی ہے۔

علاوہ ازیں علامہ اقبال اوپن یونیورسٹی اور اس کے جملہ علاقائی دفاتر تعلیمی سال کے دوران میں نصابی اور تعلیمی سرگرمیوں کے ساتھ ساتھ ہم نصابی سرگرمیوں میں بھی بڑھ چڑھ کر حصہ لیتے ہیں اور مختلف نوعیت کی علمی، ادبی اور قومی تقریبات کے انعقاد کا اہتمام کیا جاتا ہے۔ جن میں ہمارے طلبہ و اساتذہ کے ساتھ ساتھ علاقے کے معزز و سرکردہ اراکین اور صاحبان علم و دانش شرکت کرتے ہیں۔ سائنس کے طلبہ کے لیے ”یونیورسٹی سائنس کمپلیکس“ کا قیام عمل میں لایا گیا ہے۔ جس میں سائنس کے تمام شعبہ جات کے ریسرچ اسکالرز کے لیے بین الاقوامی معیار کی حامل جدید سائنسی تجربہ گاہوں کی سہولیات فراہم کی گئی ہیں۔ موجودہ دور کے تقاضوں کو پورا کرنے کے لیے یونیورسٹی مرکزی لائبریری اور سٹوڈنٹس ہاسٹل میں انٹرنیٹ لیب کی سہولت بھی فراہم کی گئی ہے جہاں اس مقصد کے حصول کے لیے کمپیوٹرز مہیا کر دیے گئے ہیں تاکہ یونیورسٹی کے اساتذہ و طلبہ اپنی علمی و تحقیقی کاوشوں کو جدید عصری تقاضوں سے ہم آہنگ کر سکیں۔

علامہ اقبال اوپن یونیورسٹی، ایک میگا یونیورسٹی ہے، جو 1974ء میں پارلیمنٹ کے ایکٹ کے تحت قائم ہوئی۔ اس یونیورسٹی کا مرکزی کیمپس اسلام آباد کے سیکٹر H-8 میں واقع ہے۔ اپنے قیام کے وقت یہ دنیا کی دوسری اوپن یونیورسٹی اور ایشیا اور افریقہ میں اپنی نوعیت کی پہلی یونیورسٹی تھی۔ علامہ اقبال اوپن یونیورسٹی کے قیام کا بنیادی مقصد فاصلاتی نظام تعلیم کے ذریعے ان لوگوں کو جو بوجہ رسمی تعلیم سے استفادہ نہیں کر سکے یا جن کا سلسلہ تعلیم منقطع ہو گیا ہے، ان کے گھروں کی دہلیز پر تعلیمی سہولیات مہیا کرنا ہے۔ اوپن یونیورسٹی سمسٹر سسٹم کے مطابق کام کر رہی ہے۔ انڈرگریجویٹ طلبہ کے لیے دونوں سمسٹر میں داخلے ہوتے ہیں جبکہ پوسٹ گریجویٹ سطح پر داخلہ سال میں ایک بار ہوتا ہے۔ طلبہ کو یونیورسٹی کی اپنی تیار کردہ کتابیں بھجوائی جاتی ہیں جبکہ پوسٹ گریجویٹ کی سطح کے کورسز کے لیے غیر ملکی کتابوں کی دوبارہ چھپائی، تقویتی مواد اور یونیورسٹی کی تیار کردہ سٹڈی گائیڈز طلبہ کی مہارت میں مزید اضافہ کرتے ہیں۔

اس وقت علامہ اقبال اوپن یونیورسٹی میٹرک سے پی ایچ۔ ڈی کی سطح تک کے پروگرام پیش کر رہی ہے، جو چار کلیات پر مشتمل ہے۔ یونیورسٹی نے ملک بھر میں مطالعاتی مراکز قائم کیے ہیں جہاں فاصلاتی نظام تعلیم کے طلبہ اپنے مقرر کردہ ٹیوٹرز سے ضروری رہنمائی حاصل کرتے ہیں۔ علاوہ ازیں یونیورسٹی نے کل وقتی مطالعاتی مراکز بھی قائم کیے ہیں جہاں پر ایم بی اے (آئی ٹی)، بینکنگ اور فنانس، بی ایس (سی ایس)، بی ایس

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