



# UNIVERSITY OF SAHIWAL



# Prospectus 2021

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The prospectus is issued on the condition that it shall not form part of any contract between the University and any student. Admission to the University is subject to the requirement that the student will comply with the University's registration procedures. Students will duly observe the Charter, Statutes, Ordinances and Regulations of the University. The Prospectus has been published by the Prospectus Committee appointed by the University Authorities.

## Prospectus Committee

- |   |   |          |
|---|---|----------|
| 1 | Dr. Shafiq Hussain<br>Associate Professor<br>Department of Computer Science           | Convener |
| 2 | Dr. Muhammad Waseem Tufail<br>Assistant Professor<br>Department of Applied Psychology | Member   |
| 3 | Dr. Shabbir Ahmad<br>Assistant Professor<br>Department of English                     | Member   |

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### Chancellor's Message

It gives me immense pleasure to extend heartiest felicitations to the management, faculty and the students of the University of Sahiwal upon the commencement of new academic session. A new academic year always ushers in the sense of renewal of purpose and collective commitment to excellence in teaching, learning, and service to the community. With this comes the firm resolution to achieve desired results and meet deliverables.



The demand of public for new universities was materialized by the Govt. of Punjab and established many new universities. University of Sahiwal is one of these new universities. It is hoped that University of Sahiwal will become center of excellence in higher education and research in this part of the province. In today's highly competitive global world, knowledge is the key resource for further development and advancement of any country. The challenge that Universities and Institutions of higher learning would face in this scenario, is to continue to demonstrate a renewed commitment to excellence while maintaining high standards of education and research. Another challenge would be to engage in quality improvement by building on alliances and collaborative partnerships with all the stakeholders including industry and sister institutions. I am confident that University of Sahiwal will respond to the challenges and opportunities during the year ahead and will achieve success and strategic objectives at the academic front. I once again extend best wishes for this new academic year.

**Ch Muhammad Sarwar,  
Governor Punjab / Chancellor**

## Vice Chancellor's Message

### Dear Students and Colleagues:

It is my pleasure to welcome you all to the University of Sahiwal. The start of the new academic year is always a special time on our campus, with new students and faculty, new relationships and exciting conversations begin as summer break comes to a close. I encourage incoming students and faculty to get involved in the campus life and contribute to the many activities planned for the upcoming year. New students will take advantage of the new campus facilities on ways of becoming tomorrow leaders.



Our challenge is to help generate ideas that will benefit society, and to educate and train people to work in fields where they will be valued both for their specialized knowledge, and for their ability to research, communicate and solve problems.

As we look ahead and seek to engage with challenges facing higher education in Pakistan today, we continue to be dedicated to create an environment for our students and faculty to pursue their passions and position our University for future success. The future is now, my fellow students. As has been most famously quoted, "There are no secrets to success. It is the result of preparation, hard work, and learning from failure.

At University of Sahiwal, we have a goal to work in partnership with local and international educational organizations and communities to make a difference at National and International level.

I look forward to starting this rich and rewarding journey with each and every one of you. Together will we grow! Wish you all the best.

**Prof. Dr. Muhammad Zakria Zakar**  
**Vice Chancellor,**  
**University of Sahiwal**

# University Administration



## University Administration

The Syndicate is the executive body of the University and the Academic Council is its main academic body. The Governor of the Punjab is the Chancellor of the University, whereas the Minister for Education, Government of the Punjab is the Pro-Chancellor of the University. The Principal Executive and Academic Officer of the University is the Vice-Chancellor, who is assisted by the Chairmen/Chairpersons of the Departments, Directors of the Institutes/Centre, and the four Principal Officers of the University – the Additional Registrar, the Additional Treasurer, the Additional Controller of Examinations and the Project Director. There are many other officers who assist the main administration of the university in its smooth working. These officers include Resident Auditor, Director Students Affairs, Resident Officer, Director IT, Director Estate Management, Director ORIC, Incharge Maintenance, Incharge Library, Incharge Transport, Hostel Superintendent and Incharge Horticulture and Plantation.

## Vice Chancellor's Office



*Prof. Dr. Muhammad Zakria Zakar*  
*Vice Chancellor*

*Syed Ghulam Ali Asghar*  
*Secretary to Vice Chancellor*

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***Deputy Registrar***

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**Treasurer's Office**

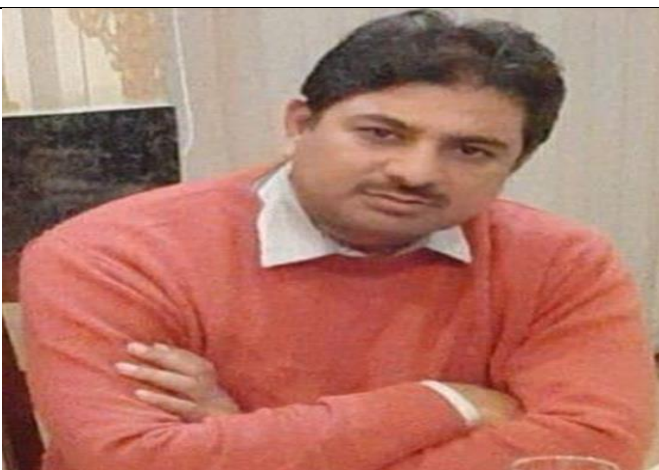


*Syed Ghulam Ali Asghar*

*Additional Treasurer*

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*Deputy Treasurer*

*(Budget and Salary)*

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*Deputy Treasurer*

*(Expenditure and Purchase)*

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## **Public Relation Officer Office**



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**Public Relation Officer**

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*Deputy Controller of Examination*

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## Directorate of Student's Affairs

	<p><i>Dr. Abdul Hameed,</i> <i>Director,</i> <i>Student's Affairs</i> <i>Directorate of Student Affairs</i></p> <p><b>Phone:</b> +92-40-9200432 <b>Email:</b> dsa@uosahawal.edu.pk</p>
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	<p><i>Dr. Muhammad Asif Nawaz,</i> <i>Additional Director,</i> <i>Student's Affairs</i> <i>Directorate of Student Affairs</i></p> <p><b>Phone:</b> +92-40-9200432 <b>Email:</b> masif@uosahawal.edu.pk</p>
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The Directorate of Student Affairs is established to provide different services to the students and to assist their co-curricular activities. This office functions as a friend and guide to the students. The Directorate provides all necessary arrangements starting from first admission inquiry to the last day at the Campus. This Directorate also encourages and endorses extra-curricular activities among students. It provides students different opportunities to take part in sports/games. It also provides them different platforms for the development of their literary and artistic potentialities. The purpose of all such activities is to provide students a conducive environment during their academic years in the university. The Directorate attempts to resolve different problems/issues/conflicts among the

students. The Directorate provides information related to the education and future career. Different societies/clubs work under the umbrella of the Directorate. The Directorate supervises different societies. Each society comprises of at least one senior faculty member. The rest of the members are taken from students. The Student Affairs Office serves as a liaison between students, faculty and administration. This office works to provide better assistance and guidance to the students as follows:

1. It administers student's needs from the time he/she steps in the university for Admission, to the time he graduates from it.
2. A forum for cultivation of literary, sports and artistic potentialities.
3. It is responsible to ensure implementation of the general code of conduct, discipline and behavioural standards.
4. In administrative and supporting role this office provides necessary assistance in organizing various inter/intra/extracurricular activities like welcome/farewell parties, students' week, declamation contest, funfairs, seminars, variety programs, national day's celebrations, educational/recreational visits and expeditions.
5. This office is a central place for students where they can express and get help about any problem they encounter in the university.
6. It provides the necessary guidance regarding financial help in terms of scholarships/ fee concession.

Efforts are made to ensure a student's life, free from worries, distractions and learn to manage their affairs on their own.

### **Scholarship Cell**

Higher Education Commission, Islamabad, in 2005 started financial assistance to the needy students of universities under programs "HEC Japanese Need Based Scholarships and "HEC Meritorious Need Based Scholarships". This office also coordinated with Pakistan Bait-ul-Maal, Punjab, for the financial assistance and many scholarships were awarded to the needy students of various departments of University of Sahiwal. Scholarships/Financial Assistance are available to the students under following programs:

1. Internal Merit Scholarships
2. HEC-Meritorious Need Based Scholarships
3. HEC-Japanese Need Based Scholarships
4. Pakistan Bait-ul-Maal Financial Assistance Program
5. NBP Loan Scheme
6. Punjab Education Endowment Fund (PEEF) Scholarships

## Study Tours

Student tours comprise the main part of the university's co-curricular activities. Each student may participate at least once in a study tour arranged by the concerned teaching department during his/her stay at the university. Such tours are primarily financed by the students and supplemented to a reasonable extent by the University.



## Other Facilities

1. One cafeteria and two tuck shops are operational at present.
2. Fully Equipped Computer & Science Laboratories
3. Pakistan Education & Research Network (PERN)
4. Video Conference Room
5. Digital Library
6. High Speed Internet

## Directorate of Academic Affairs



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Directorate of Academic Affairs*

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*Ms. Ali Manzoor*

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*Directorate of Academic Affairs*

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### **Introduction**

The directorate of academic affairs was established in the university in 2020. The main objective of this directorate is to support the university to meet the highest standards of education for the better future of our students. The purpose of Directorate of Academics is to formulate academic policies and regulations for the University of Sahiwal in a uniform way by collaborating all the HODs and Chair Departments. The Office of Director Academics ensures the quality of learning by updating the curriculum through modern skills and tools. This office is determined to enhance the teaching methods of faculty through capacity buildings, trainings and refining the assessment criteria according to industry needs and academia requirements. The office arranges multiple events and programs to promote critical thinking and enhances academic activities. The office of Director Academics also works in liaison with different offices of the university to hold meetings and record decisions and intimate all concerned departments.

### **Vision**

To be the eminent Office of Directorate Academics in the area of learning and teaching to facilitate university to achieve international ranking and recognition.

### **Mission**

To provide a conducive environment where best practices of academics implemented through developing and reviewing academics curricula and regulations as per market needs and requirement of accreditation bodies.

## Functions of Directorate Academics Office

To ensure highest academic standards for excellence in teaching and learning, Office of Director Academics performs following functions:

1. Preparation of Academic Calendar
2. Review of academic regulations and policies
3. Arrange trainings and seminars for capacity building of Faculty
4. Revision and updation of academic curricula
5. Monitoring of faculty workload
6. Requirement of Visiting Faculty
7. Implementation of academic projects and plans
8. Responsible for publication of University prospectus in collaboration with prospectus/Admission committee.
9. Keeps liaison with HEC/PHEC/Government for implementation of academic policies regarding curriculum Development, standards of education, enrolment issues, admission process etc.
10. Frames and updates semester rules and regulations for the University pertaining to academic departments of the University.
11. Coordinates Faculty Development Programs of the University.
12. Invitation of guest speakers
13. Conduct of conferences,
14. Training workshops and other related academic matters.

### Day Care Center



*Dr. Muhammad Waseem Tufail,  
Incharge,  
Day Career Centre*

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The University of Sahiwal Day Care Centre strives to provide employees with loving and secure care for their children. We recognize the challenges faced by working parents regarding childcare. Therefore, by having a daycare center in the facility we hope to relieve our employees of their concern for children during their hours of work.

### Quality Enhancement Cell (QEC)



*Dr. Muhammad Amin Abid*

*Director,*

**Quality Enhancement Cell (QEC)**

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The University of Sahiwal is a newly established public sector university in order to cater quality education to the people of Sahiwal and its adjacent localities. To enhance existing standards of education and research within limited resources of the university, it was realized that there should be dedicated Cell to be called Quality Enhancement Cell. Higher Education Commission (HEC) issued a policy and provided financial support to establish Quality Enhancement Cells at university level, particularly for public sector universities. In compliance to the regulatory requirement and realizing the need of the hour, University of Sahiwal established a Directorate of Quality Enhancement in 2018.

It is worth to mention that the Directorate focuses on the management of academic standards, quality of higher education and the other initiatives of continuing improvement through a systematic approach. The prime purpose of such a system would be to maintain and improve the level of the educational programmes and other elements affecting them. The system involves in identifying the outcomes of educational programmes, designing, implementing and reviewing the instruments of quality assurance such as processes and developing appropriate data bases together with the means of gathering and processing information effectively. All the students and nation at large should benefit from this quality systematic.

#### **Mission of Quality Enhancement Cell**

The role of the Directorate is to promote quality culture in the university having significant impact on the standard of research, education, community service and extracurricular activities with a view to meet national educational requirements. Involve all the stakeholders and raise their confidence to continually improve the academic standards to a level of World top ranking universities.

## Objectives of QEC

1. Review the existing standards of education, research, community service and extracurricular activities with a view to continually improve on annual basis.
2. Strengthen academic collaboration with the reputable National / International universities / organizations to harmonize our quality of education and research with international standards.
3. Enhance the confidence of faculty members, students, their parents, regulatory bodies and society at large to work together for improvement in quality of the university.
4. Establish, maintain and implement a quality educational system in accordance with international practices.
5. Get feedbacks from students, teachers, graduates, parents, employers and other stakeholders if any on prescribed intervals. Evaluate the feedbacks and suggest appropriate measure to concerned quarters for implementation if deemed necessary.
6. Shift to paperless electronic feedbacks from all stakeholders within three years starting with students and faculty feedbacks from early 2009.
7. Self-Assessment Programs in three departments of the university would be launched annually in consultation with department chairpersons till the Program is applicable in the entire university.
8. To ensure the quality of human resources at the university, the directorate will involve in the activities assigned by the worthy Vice Chancellor from time to time.

## Functions of QEC

1. To report to the Worthy Vice Chancellors for matters related to the quality of education & research and other tasks assigned by the authority from time to time.
2. For promoting public confidence that the quality and standards for the award of degrees, management and overall quality of knowledge being imparted by the institutions are enhanced and safeguarded.
3. For the review of quality standards by assessing academic standards and the quality of teaching, learning and management in each subject area.
4. For the review and strengthening of academic affiliations with other institutions in terms of effective management of standards and quality of programs.
5. For defining clear and explicit standards as points of reference to the reviews to be carried out. It should also help the employees to know as to what they could expect from the candidates.

6. To develop qualifications framework by setting out the attributes and abilities that can be expected from the holder of a qualification, i.e. Bachelors, Bachelor with Honours, Master, M.Phil, Ph.D.
7. To develop program specifications. These are standard set of information clarifying what knowledge, understanding, skills and other attributes a student will have developed on successfully completing a specific program.
8. To develop quality assurance processes and methods of evaluation to affirm that the quality of provision and the standard of awards are being maintained and to foster curriculum, subject and staff development, together with research and other scholarly activities.
9. To ensure that the university's quality assurance procedures are designed to fit in with the arrangements in place nationally for maintaining and improving the quality of Higher Education.
10. To train its staff from HEC about quality in higher learning and will be responsible to implement and disseminate that acquired knowledge into learning environment of the institution.
11. To gather feedback from students, teachers and other stakeholders for analysis and further improvements in quality of education and research.

## Office of Research Innovation & Commercialization (ORIC)



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*Office of Research Innovation & Commercialization (ORIC)*

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***Mr. Muhammad Imran***

*Deputy Director,*

*Office of Research Innovation &  
Commercialization (ORIC)*

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ORIC was formally established in 2018 in University of Sahiwal as per the guidelines of Higher Education Commission (HEC) Pakistan with a viewpoint to develop research culture and to promote commercialization of research by translating new ideas into new products and services for National and International industry. University of Sahiwal is deeply concerned on promoting research, innovation and commercialization as part of its educational mission. The ORIC University of Sahiwal, being an essential body in assisting the university's research, predominantly focuses upon providing strategic and operational support to the entire research network in the campus to achieve desired research outcomes. Furthermore, ORIC at University of Sahiwal intends to bring University of Sahiwal research standards at par with International Universities to meet the most demanding task of ensuring national economic stabilization and prosperity coupled with transforming Pakistan into knowledge-based economy in this fast paced and competitive world. Transforming research results from the laboratory into new or improved products and services in the marketplace to engender regional and national economy, is the prime agenda of ORIC University of Sahiwal. The vision of this office is to promote University of Sahiwal as leading research institution of Pakistan.

The ORIC is aiming to accomplish this vision by:

Identifying research opportunities for faculty members and facilitating them to apply for research grants  
Providing legal, administrative and financial management support of research grants  
Promoting of the research culture  
Providing technical support for publishing in HEC recognized /impact factor unbecoming focal point for all the research related works in connection with funds/liason with the funding agencies.

### Directorate of Information Technology (IT)



*Dr. Shafiq Hussain,*

Director,

Directorate of Information Technology

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*Mr. Haroon Mehmood,*

Deputy Director,

Directorate of Information Technology

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The Directorate of Information Technology was established in 2018 in University of Sahiwal. The main purpose of establishment of this directorate is to support the university regarding IT services and infrastructure. Main functions of Directorate of Information Technology are:

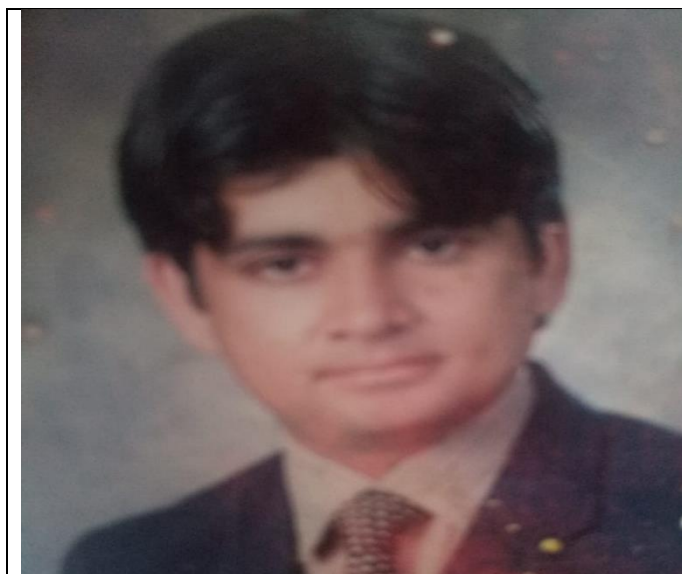
1. Providing and Managing Internet Services
2. Providing Network Infrastructure Services
3. Video Conferencing Services
4. Management and Maintenance of University Website and Web Services
5. Distribution and Management of Anti Plagiarism Software in University
6. Managing Digital Resources

7. Providing trainings to end users
8. Campus Management Solution for Complete University (Deployment under Process)

### **Achievements of Directorate of Information Technology:**

1. Establishment of PERN2 system of Higher Education Commission (HEC), Islamabad in the University and its extension to various departments of the university. Now more than 4500 students, staff and faculty of University of Sahiwal are connected with PERN2 system.
2. Development and deployment of Website of University of Sahiwal.
3. Establishment of state of the art and hi-tech Video Conferencing Room with the help of HEC.

## University Library



**Mr. Shahid Mahmood,  
Assistant Librarian**

Mr. Muhammad Asghar,  
Library Clerk

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Library plays a vital role in the academic life of a university. The fundamental role of the library is educational. It should not be operated as a mere storehouse of books, rather it should be a dynamic instrument of education. The Library of the university is being organized on these lines. The library collections support not only every course in the curriculum but also include selected stock of general reference books, periodicals, publications, newspapers etc. The total number of books in the Library is in thousands. The administration of the Library is vested in the Library Committee, which is responsible for efficient management of the Library. The whole library system is being computerized and online library service will be available through a network after the completion of the computerization process.



## **University Maintenance Wing**



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Incharge,

Maintenance Wing

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## **University Engineering Wing**



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*Assistant Engineer (Civil)*

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### University Transport Wing



*Dr. Shabbir Ahmad,*

Incharge,

Transport

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A fleet of 4 buses operates between the Campus and the city/nearby cities according to the schedule announced from time to time by the Transport Officer. The Schedule issued from time to time is displayed on the Notice Board of Teaching Departments and uploaded official website of the University as well. Buses are also provided to the Students for one day recreational Trip once a year. Currently, university is offering transport facility for Chichawatni, Arif Wala and Pakpatan. Also, one bus operates within the city.



## University Estate Management



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Director,  
Estate Management*

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Estate Management*

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Estate Management*

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### University Security Management



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*Dr. Hafiz Tariq Masood  
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## University Girl's Hostel



*Ms. Zubaida Khanum,*

*Superintendent,*

*Fatima Jinnah Girls Hostel*

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The University has one large hostel for girls which is operational at present with dinning facility for the boarding students. The rooms are allocated on the recommendation of the Chairpersons/Incharges of respective departments. Students willing to avail this facility are advised to submit application to the Superintendent 's office through the Chairpersons/Incharges of their respective department.



## University Guest House



*Dr. Tariq Masood,*

*Incharge,*

*Guest House*

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University of Sahiwal has purpose built guest house for outstation guests with all required facilities such as attached bath rooms, kitchen, dinning hall, TV room etc.



## University Counseling Centre



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Incharge,*

*University Counselling Centre*

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Consistent with the University of Sahiwal's philosophy of developing the whole person, Department of Applied Psychology is providing counseling services at the university counseling center to help students deal with problems which they may not want to discuss with family, friends or their teachers. The Center provides individual and confidential counseling to take away that feeling of being overwhelmed and help student get a firm handle on emotional, psychological, and/or interpersonal problems and may refer to other professionals if needed. The center strives to facilitate students' personal growth and enhance their academic success. Students receiving short-term counseling will meet for an average of four to six sessions, scheduled bi-weekly

### Sahiwal City

Sahiwal, is a city in the central Punjab and is the administrative center of the division of Sahiwal. Located 180 km south of Lahore with a population of 2.5 Million (2017 Pakistan Census), is the 14<sup>th</sup> largest city of Punjab and the 22<sup>nd</sup> largest city in Pakistan. The principal crops of this region are wheat, cotton, tobacco, legumes, potatoes and oilseeds. Cotton goods and lacquered woodwork are manufactured.



### University of Sahiwal


The Governor of Punjab as Chancellor of the University conceived the idea of opening sub-campuses of the universities in Punjab to provide equal opportunities of higher education to the people of all localities. The idea was highly appreciated by the academia and other sections of the society. It was implemented by the Bahauddin Zakariya University, Multan and one of its sub-campus was opened at Sahiwal in January 2005 to promote the policy of the Government to bring education at the doorsteps of the community. The Sahiwal Campus started functioning in January 2005 but was formally inaugurated by the Honorable Chancellor/Governor of Punjab on 9<sup>th</sup> of March 2005.

The Provincial Assembly of the Punjab passed the Act of University of Sahiwal in 2015 under which the Sub-Campus of Bahauddin Zakariya University, Multan in Sahiwal was converted into an independent university as **University of Sahiwal**. Currently University of Sahiwal has an area of 57 acres, has 8 departments with an overall strength of 2500 students and has latest facilities for students as well as faculty. University has two academic blocks, one administration block, a guest house and a hostel for female students. The construction of new academic blocks, administration blocks, sports complex, boy's hostel, mosque, vehicle parking and the purchase of new busses for students is expected to start by the end of this year. The establishment of new laboratories is also included in the PC-1 of University of Sahiwal. University of Sahiwal plans to open new state of the art programs and facilities as per need of society and country.



**Faculty of Economics  
and  
Management Sciences**

## Department of Business Administration

	<p>Dr. Waris Ali</p> <p><i>Associate Professor and Chairperson, Department of Business Administration</i></p> <p>PhD University of Middlesex, UK  <b>Specialization:</b> Marketing  <b>Email:</b> waris.ali@uosahiwal.edu.pk</p>
<p><b>Established</b></p>	<p>2005</p>
<p><b>Academic Programs</b></p>	<p>BBA (Hons) (Morning/ Evening)            BS Accounting &amp; Finance (Morning/ Evening)            MBA (Morning/Evening)            Executive MBA (Evening)            MS Business Administration (Self-Supporting)</p>
<p><b>Eligibility Criteria</b></p>	<p><b>Undergraduate Programs Qualification:</b>            Intermediate/HSSC with at least 45% aggregate marks  <b>Age Limit:</b> 24 years on closing date of admission  <b>MBA Program Qualification:</b>            16 years of education in the relevant field of Business and Commerce e.g. BBA (Hons), B.Com (Hons), M.Com etc.  <b>Age Limit:</b>26 years on closing date of admission  <b>EMBA Program Qualification:</b>            16 years of education  <b>MS Business Administration Qualification:</b></p> <ol style="list-style-type: none"> <li>1. At least 2.7 CGPA (out of 4.0) in Semester System in BS/BBA/MA/Equivalent Education in relevant subject</li> <li>2. Candidate must have completed 16 years of schooling/education.</li> <li>3. As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li> </ol>

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### 14. Ms. Ayesha Ashraf

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## **Introduction**

The students of Department of Business Administration have access to varied sources of knowledge and trainings. The trainings are rigorously conducted by the regular faculty members of the department as well as from the most experienced and highly qualified faculty members from the other institutes and organizations. A computer lab has also been established at the campus for providing education and training in the field of Information Technology.

## Programs of Study

### Bachelor of Business Administration (BBA Hons)

The eligibility for admission in BS Program is 12 Years of Education. BBA (Hons) 4-Years Program consisting of 8 semesters has been designed to develop business skills. These skills act as a requisite to acquire higher level courses to be offered in M.B.A. The program offers diversity of subjects to develop students' capability in the field of marketing, finance, accounting and management.

### BS (Accounting and Finance)

The eligibility for admission in BS Program is 12 Years of Education. This program aims to develop students' skills in the field of accounting, finance and banking. After the completion of this degree, the students qualify for further profession qualifications such as: UKCPA, CA and ACCA. This program acts a requisite for further education of accountancy.

### MBA Program

The eligibility for admission in MBA shall be of 16 years of education in the relevant field of Business and Commerce e.g. BBA (Hons), B.Com (Hons), M. Com etc. as per guidelines provided by the HEC. Consistent with the guidelines of HEC, the program will consist of 60-66 credit hours with specialization in either marketing or finance. However, a student may avail an opportunity of research Project or Research thesis (6 credit hours) in replacement of two elective courses offered in fourth semester. In course work and special projects assigned by the faculty, the emphasis is on practical learning and the use of computer as management tool. The Courses offered in the MBA program intend to create and build new skills in the areas of business, social sciences, economics and information technology by the integration of a sound theoretical understanding of these areas with the case studies, practical and project work.

### EMBA (Executive)

It is a 2 years evening program. The eligibility for admission in EMBA shall be of 16 years of education with 3 years of professional experience as per guidelines provided by the HEC. Consistent with the guidelines of HEC, minimum 60 credit hours will be offered in the program which makes it equivalent to 18 years program. The program provides opportunities to learn special business techniques required to excel in the challenging and rapidly changing world. The program creates breadth of knowledge across every discipline of business and management. The program also focuses on strong leadership and management skills with sound technical knowledgebase required in today's dynamic business environment. The program structure is approved as per HEC requirements.

## Scheme of Studies of BS Accounting and Finance

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"><li>1. Business English 1</li><li>2. Introduction to Business</li><li>3. Principles of Accounting</li><li>4. Business Mathematics</li><li>5. Pakistan Studies</li><li>6. Islamic Studies</li></ol>	<ol style="list-style-type: none"><li>1. Business English-2</li><li>2. Computer Application in Business</li><li>3. Financial Accounting</li><li>4. Introduction to Statistics</li><li>5. Principles of Micro-economics</li><li>6. Principles of Management</li></ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"><li>1. Statistical Inference</li><li>2. Business Communication</li><li>3. Management Accounting</li><li>4. Corporate and Business Law</li><li>5. Business Finance</li><li>6. Principles of Macro Economics</li></ol>	<ol style="list-style-type: none"><li>1. Financial Institutions and Markets</li><li>2. Islamic Finance</li><li>3. Financial Management</li><li>4. Principles of Marketing</li><li>5. Oral Communication</li><li>6. Human Psychology</li></ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"><li>1. Auditing Accounting</li><li>2. Information System</li><li>3. Corporate Finance</li><li>4. Organizational behavior</li><li>5. Business Society' and Ethics</li><li>6. Intermediate Financial Accounting</li></ol>	<ol style="list-style-type: none"><li>1. Taxation Investment and Portfolio Management</li><li>2. Business Research Methods</li><li>3. Operations Management</li><li>4. Advanced Accounting</li><li>5. Entrepreneurship</li></ol>
<b>Semester VII</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"><li>1. Econometrics</li><li>2. Theory and Application</li><li>3. International Business</li><li>4. Derivatives and Financial Risk Management</li><li>5. Corporate Governance</li><li>6. Financial Reporting and Analysis</li></ol>	<ol style="list-style-type: none"><li>1. Project Management</li><li>2. International Finance</li><li>3. Credit Management</li><li>4. Research Project</li></ol>

## Scheme of Studies of BBA Program

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. English-I</li> <li>2. Contemporary World</li> <li>3. Computer Applications in</li> <li>4. Business Islamic Studies</li> <li>5. Pakistan Studies</li> </ol>	<ol style="list-style-type: none"> <li>1. Financial Accounting-I</li> <li>2. Micro-Economics</li> <li>3. English-II</li> <li>4. Business Statistics</li> <li>5. Introduction to Management</li> <li>6. Human Psychology</li> </ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. Financial Accounting-II</li> <li>2. Macro Economics</li> <li>3. Logic Oral Communication</li> <li>4. Foreign Language (Arabic)</li> <li>5. Introduction to HRM</li> </ol>	<ol style="list-style-type: none"> <li>1. Business Communication</li> <li>2. Pakistan Economics</li> <li>3. Principles of Marketing</li> <li>4. Business Finance</li> <li>5. Sociology</li> <li>6. Environmental Sciences</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"> <li>1. Financial Management</li> <li>2. Managerial Accounting</li> <li>3. Marketing Management</li> <li>4. Business and Corporate Law</li> <li>5. Elective-I</li> </ol>	<ol style="list-style-type: none"> <li>1. Organizational Behaviour</li> <li>2. Consumer Behaviour</li> <li>3. Business Ethics</li> <li>4. Management Information System</li> <li>5. Project Management</li> <li>6. Elective-II</li> </ol>
<b>Semester VII</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"> <li>1. Business Research and Report Writing</li> <li>2. Operations Management</li> <li>3. International Business</li> <li>4. Money and Banking</li> <li>5. Elective-III</li> </ol>	<ol style="list-style-type: none"> <li>1. Total Quality Management</li> <li>2. Entrepreneurship</li> <li>3. Strategic Management</li> <li>4. Elective-IV</li> </ol>

## Scheme of Studies MBA Program

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. Financial Accounting</li> <li>2. Business Communication</li> <li>3. Principles of Management</li> <li>4. Marketing Management</li> <li>5. Business Mathematics &amp; Statistics</li> </ol>	<ol style="list-style-type: none"> <li>1. Human Resource Management</li> <li>2. Financial Management</li> <li>3. Business Research Methods</li> <li>4. Principles of Economics</li> <li>5. Management Information System</li> </ol>

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Semester III	Semester IV
1. Operations Management 2. Managerial Accounting 3. Managerial Economics 4. Elective-I 5. Elective-II	1. Entrepreneurship 2. Strategic Management 3. Organizational Theory & Design 4. Elective-III 5. Elective-IV

## Scheme of Studies EMBA Program

Semester I	Semester II
1. Financial Accounting 2. Business Communication 3. Principles of Management 4. Marketing Management 5. Business Mathematics & Financial Instruments	1. Human Resource Management 2. Financial Management 3. Principles of Economics 4. Management Information 5. Statistics System
Semester III	Semester IV
1. Operation Managerial 2. Accounting Management 3. Business Research Methods 4. Managerial Economics 5. Corporate Finance	1. Entrepreneurship 2. Strategic Management 3. Organizational Theory & Design 4. Islamic Finance 5. Markets Strategic marketing

## Scheme of Study of MS Business Administration

Sr. No	Course Title	Credit Hours
<b>Semester 1</b>		
1	Advance Research Methodology	3
2	Strategic Management	3
3	Strategic Finance	3
4	Strategic Marketing	3
<b>Semester 2</b>		
5	Econometric Analysis	3
6	Quantitative Data Analysis	3
7	Qualitative Data Analysis	3
8	Literature Review and Academic Writing	3

### Credit Hours of MSBA

Core Courses = 4 (3 Credit Hours)

Specialization Courses = 4 (3 Credit Hours)

Research Thesis (Mandatory) = 6 Credit Hours

**Total Credit Hours = 30 Credit Hours**

## Conduct of Viva Voce Examination of MS Students


Viva Voce examination of MS students will also be conducted as per the departmental policy

## Activities at the Department of Business Administration



## Training Sessions organized at the Department of Business Administration

## Department of Economics and Commerce

	<p><b>Dr. Muhammad Abdullah</b>  <i>Assistant Professor and Incharge</i>  <i>Department of Economics and Commerce</i></p> <p>PhD: NCBA&amp;E, Lahore, Pakistan</p> <p><b>Specialization:</b> Development Economics</p> <p><b>Email:</b> mabdullah@uosahiwal.edu.pk</p>
<p><b>Established</b></p>	<p>2007</p>
<p><b>Academic Programs</b></p>	<p>M.Sc. Economics (Morning/Evening)          BS Economics (Morning/Evening)          BS Commerce (Morning/Evening)          MPhil Economics (Self-Supporting)</p>
<p><b>Eligibility Criteria</b></p>	<p><b>Undergraduate Programs</b>  <b>Qualification:</b>          Intermediate (FA/F.Sc/HSSC/I.Com/ICS) or equivalent with at least 45% aggregate marks  <b>Age Limit:</b> 24 years on closing date of admission</p> <p><b>Master Program: Qualification:</b>          B.A./B.Sc./B.Com. or equivalent securing at least 45% aggregate marks with Economics as an elective subject  <b>Age Limit:</b> 26 years on closing date of admission.</p> <p><b>MPhil Economics Qualification:</b></p> <ol style="list-style-type: none"> <li>1. At least 2.7 CGPA (out of 4.0) in Semester System in BS/ /MA/Equivalent Education in relevant subject</li> <li>2. Candidate must have completed 16 years of schooling/education.</li> <li>3. As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li> </ol>

### Teaching Faculty:

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### Introduction

The foremost priority of the Department of Economics at the University of Sahiwal is to augment the quality of education and research in the subjects of economics and commerce and to produce well-trained graduates and researchers who can contribute significantly to the national and international avenues. The department has developed the curricula in such a manner that it can emerge as one of the competitive schools of commerce and economics in the region. The formulation of policy alternatives by conducting solution-oriented research is not only the objective of the Department of Economics but it assists the policy-makers to formulate a sustainable strategy for economic growth and development. In doing so, the department is committed to playing a key role in filling the gap and providing the human resource that is required to improve the momentum of economic growth and help eradicate the socio-economic evils of the society.

In general, the aim of the Department of Economics is to provide insights for public policy, day-to-day businesses and reshaping human behavior, which could not only help running and to implement more successful business practices but to formulate effective government policy. While economists specifically study how markets work to determine what, how and for whom to produce questions, the department primarily focuses on the macroeconomic challenges of national and global impact and importance.

Along with the specialized programs of economics such as BS (4-years) and MSc (2-years). the Department of Economics at the University of Sahiwal offers four years (Honors) program of BS Commerce with the objective of providing the graduates with the state-of-the-art excellence opportunities of learning and creative thinking. The curriculum of the full-time BS Commerce program is designed to meet the dynamic market demands of the field of commerce, which makes it a flexible degree with the specializations in accounting and finance right after covering the core courses for the provision of a thorough overview of the commerce environment.

## Scheme of Studies M.Sc Economics Program

Semester I	Semester II
<ol style="list-style-type: none"> <li>1. Microeconomic Theory-I</li> <li>2. Macroeconomic Theory-I</li> <li>3. Mathematical Economics</li> <li>4. Descriptive and Inferential Statistics</li> <li>5. Development Economics</li> </ol>	<ol style="list-style-type: none"> <li>1. Microeconomic Theory-II</li> <li>2. Macroeconomic Theory-II</li> <li>3. Optimization and Dynamic Analysis</li> <li>4. Basic Econometrics</li> <li>5. Economic Issues in Pakistan</li> </ol>
Semester III	Semester IV
<ol style="list-style-type: none"> <li>1. Economics of Money and Banking</li> <li>2. Econometric Analysis</li> <li>3. International Trade Theory &amp; Policy</li> <li>4. Agricultural Economics</li> <li>5. Public Finance</li> </ol>	<ol style="list-style-type: none"> <li>1. International Finance</li> <li>2. Islamic Economics</li> <li>3. Financial Economics</li> <li>4. Optional-I</li> <li>5. Optional-II</li> </ol>

## Scheme of Studies BS Economics Program

Semester I	Semester II
<ol style="list-style-type: none"> <li>1. Principles of Microeconomics</li> <li>2. English-I</li> <li>3. Islamic Studies</li> <li>4. Basic Mathematics</li> <li>5. Introduction to Geography</li> <li>6. Principles of Psychology</li> </ol>	<ol style="list-style-type: none"> <li>1. English-II</li> <li>2. Pakistan Studies</li> <li>3. Principles of Macroeconomics</li> <li>4. Introduction to Sociology</li> <li>5. International Relations</li> <li>6. Statistics-I</li> </ol>
Semester III	Semester IV
<ol style="list-style-type: none"> <li>1. Intermediate Microeconomics</li> <li>2. English-III</li> <li>3. Intermediate Mathematics</li> <li>4. Introduction to Education</li> <li>5. Introduction to Computer</li> <li>6. Principles of Management</li> </ol>	<ol style="list-style-type: none"> <li>1. English-IV</li> <li>2. Intermediate Macroeconomics</li> <li>3. Statistics-II</li> <li>4. Issues in World Economy</li> <li>5. Introduction to Commerce</li> <li>6. Principles of Accounting</li> </ol>
Semester V	Semester VI
<ol style="list-style-type: none"> <li>1. Microeconomic Analysis</li> <li>2. Monetary Economics</li> <li>3. Public Finance</li> <li>4. Mathematical Economics</li> <li>5. Econometrics</li> </ol>	<ol style="list-style-type: none"> <li>1. Macroeconomic Analysis</li> <li>2. International Economics</li> <li>3. Development Economics</li> <li>4. Financial Economics</li> <li>5. Research Methodology</li> </ol>
Semester VII	Semester VIII
<ol style="list-style-type: none"> <li>1. Time-Series and Panel Data</li> <li>2. Econometrics</li> </ol>	<ol style="list-style-type: none"> <li>1. Cost-Benefit Analysis</li> <li>2. Economic Growth</li> </ol>

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3. Dynamic Optimization	3. Issues in Pakistan Economy
4. Islamic Economics	4. Research Project and Viva Voce
5. Optional-I	5. Optional-III
6. Optional-II	

## Scheme of Studies BS Commerce Program

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. Islamic Studies</li> <li>2. Functional English</li> <li>3. Introduction to Business</li> <li>4. Principles of Accounting</li> <li>5. Microeconomics</li> <li>6. Business Mathematics</li> </ol>	<ol style="list-style-type: none"> <li>1. Pakistan Studies</li> <li>2. Business Communication</li> <li>3. Computer Application in Business</li> <li>4. Financial Accounting</li> <li>5. Macroeconomics</li> <li>6. Business Statistics</li> </ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. Business Law</li> <li>2. Technical Writing and Presentation Skills</li> <li>3. Fundamentals of Money &amp; Banking</li> <li>4. Advanced Accounting-I</li> <li>5. Economic Issues of Pakistan</li> <li>6. Introduction to Psychology and Organization Behaviour</li> </ol>	<ol style="list-style-type: none"> <li>1. Introduction to Sociology</li> <li>2. English-IV / Information Technology in Business</li> <li>3. Cost Accounting</li> <li>4. Advanced Accounting-II</li> <li>5. Principles of Management</li> <li>6. Inferential Statistics</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"> <li>1. Business Research Methods</li> <li>2. Managerial Economics</li> <li>3. Financial Management</li> <li>4. Principles of Marketing</li> <li>5. Business Ethics and CSR</li> <li>6. Leadership and Community Development</li> </ol>	<ol style="list-style-type: none"> <li>7. Logic and Critical Thinking</li> <li>8. Principles of Auditing</li> <li>9. Human Resource Management</li> <li>10. Managerial Accounting</li> <li>11. Entrepreneurship and SMEs Management</li> <li>12. Corporate Laws and Secretarial Practices</li> </ol>
<b>Semester VII</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"> <li>1. Strategic Management Business</li> <li>2. E-Commerce / Computerized Accounting</li> <li>3. International Business</li> <li>4. Business Taxation</li> <li>5. Elective-I</li> <li>6. Elective-II</li> </ol>	<ol style="list-style-type: none"> <li>1. Corporate Governance</li> <li>2. Elective-III</li> <li>3. Elective-IV</li> <li>4. Elective-V</li> <li>5. Project and Viva Voce</li> </ol>

## Master of Philosophy in Economics (M.Phil. Economics)

### (Self-Support Program)

The strong commitment of the Department of Economics, University of Sahiwal is to nurture and enable a conducive environment for state-of-the-art focused research and policy analyses. The

mission of Master of Philosophy in Economics (M.Phil. Economics) program is to provide learning to the participants so that they are capable to lead the community. They will be expected to develop and apply strategies for the integrated development of all sections of the society.

M.Phil. Program in Economics is a 2-year degree program of 30 credit hours, divided into four compulsory semesters. The program has been designed and launched by keeping into consideration the HEC requirements. During first year, i.e., within the first two semesters of the program, the participants are expected to complete the course work of 24 credit hours. During final year, they will be expected to qualify a mandatory research seminar/research proposal presentation and carry out research to produce M.Phil. thesis of 6 credit hours. The topic of thesis shall be taken up by a participant in consultation with his/her approved supervisor. The initial approval of the thesis topic and the supervisor shall be made by the Dissertation Committee of the Department of Economics hereafter referred to as the Economics Dissertation Committee (EDC). The final approval of the thesis proposal and supervisor shall be made by the Board of Advanced Studies and Research (BASR). The EDC shall be constituted by the Dean of the Faculty of Economics on the recommendation of the Chairperson/Incharge of the department. The M.Phil. degree shall be awarded to a candidate on his/her completion of 24 credit hours of course work along with a successful defense of his/her thesis of 6 credit hours.

The main goal of the M.Phil. Economics program is to train its participants in becoming top-notch economists, who can understand and participate in internationally competitive research-based decisions and steadfast in making complex business decisions. Our M.Phil. Economics program will provide the basis for a successful entry-level career in academia, business or in other research oriented professions both in public or private sectors. The program also offers a solid foundation in economic theory and tools of economic analysis along with the choice of several fields of specialization.

- a) Duration: 2 years
- b) Candidates: 30 for Evening/Self-Support Program
- c) Semester: 4
- d) Courses: 8  
(4 core courses and 4 Elective Courses, 3 Credit hours of each course)
- e) Thesis: 6 Credit Hours
- f) Total Credit Hours: 30 Credit Hours
- g) Description of Courses

### CORE COURSES

Course Code	Course Title
EC-600	Advanced Microeconomics
EC-605	Advanced Macroeconomics
EC-610	Advanced Econometrics
EC-620	Academic Writing and Research Methods in Economics

ELECTIVE COURSES	
Course Code	Course Title
EC-630	Islamic Economics: Theory and Policy
EC-632	Topics in Agricultural Economics
EC-634	Topics in Urban Economics
EC-636	Topics in Labour Economics
EC-638	Optimization Techniques
EC-640	Economic Growth Models
EC-641	WTO, Globalization and Economics Integration
EC-643	Project Analysis and Investment Decision Making
EC-648	Advanced International Economics
EC-650	Environmental and Resource Economics
EC-652	Population Dynamics
EC-654	Topics in Advanced Monetary Economics
EC-658	Applied Econometrics
EC-660	Topics in Development Economics
EC-662	Topics in Human Resource Development
EC-666	Production Economics
EC-670	Public Policy and Macroeconomics Management
EC-672	General Equilibrium and Welfare Economics

## Road Map of Program

### 1<sup>ST</sup> YEAR

**Semester I:** (All compulsory courses \*)

Course Code	Course Title	Credit Hours
EC-600	Advanced Microeconomics	03
EC-610	Advanced Econometrics	03
EC-630-672	One of the Elective Courses*	03

## Prospectus 2021

EC-630-672	One of the Elective Courses*	03
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\*Shuffling of courses between semesters may be made, if needed.

**Semester II:** (One compulsory and two elective courses)

Course Code	Course Title	Credit Hours
EC-605	Advanced Macroeconomics	03
EC-620	Academic Writing and Research Methods in Economics	03
EC-630-672	One of the Elective Courses*	03
EC-630-672	One of the Elective Courses*	03

\*Elective courses shall be offered from the above listed elective courses depending on the availability of resource persons as well as interest of the participants.

### 2<sup>ND</sup> YEAR

**Semester III:**

Course Code	Course Title	Credit Hours
EC-699	Research seminar/research proposal presentation*	Mandatory

**\*Research proposal for MPhil/MS Dissertation:** A participant shall prepare and present the research proposal to EDC as a mandatory research seminar for M.Phil. thesis by the end of semester III.

**Semester IV:**

Course Code	Course Title	Credit Hours
EC-699	MPhil/MS Dissertation	06

A participant shall register for 6 credit hours of M.Phil. thesis in 2<sup>nd</sup> year. The decision about the last date for the submission of thesis shall be made by the EDC every year. A participant can also repeat


some of the courses he/she needs to in the 4<sup>th</sup> semester of the program along with carrying out research for thesis. No extension shall be required for the completion of the coursework in this case. However, if a participant is unable to complete the coursework and/or thesis by the end of 4<sup>th</sup> semester of the program due to some unforeseen and unavoidable circumstances, he/she must apply for an extension of up to one year to complete the coursework and/or thesis. No extension shall be granted after this as only one extension is permissible during the entire program.



# Faculty of Linguistics



## Department of English

	<p><b>Dr. Shabbir Ahmad</b> <i>Assistant Professor and Incharge, Department of English</i></p> <p>PhD Nanjing University, China <b>Specialization:</b> English Literature <b>Email:</b> shabbirahmad@uosahiwwal.edu.pk</p>
<b>Established</b>	2007
<b>Academic Programs</b>	M.A. English (Morning/Evening) BS English (Morning/ Evening)
<b>Eligibility Criteria</b>	<p><b>Undergraduate Program:</b> <b>Qualification:</b> Intermediate/HSSC with at least 45% aggregate marks <b>Age Limit:</b> 24 years on closing date of admission</p> <p><b>Master Program</b> <b>Qualification:</b> B.A./B.Sc. with at least 45% marks in English subject as well a aggregate <b>Age Limit:</b> 26 years on closing date of admission</p>

### Teaching Faculty:

**1. Dr. Shabbir Ahmad**

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**2. Dr. Abrar Hussain Qureshi**

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Specialization: Linguistics

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### 9. Mr. Amir Aziz

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## 10. Hafiz Muhammad Awais

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**Specialization:** Applied Linguistics

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### Introduction

The Department of English was established in 2007 when University of Sahiwal was the sub-campus of BZU, Multan. The program started was M.A. English but from 2019 onwards, the University of Sahiwal is also offering BS English. Both M.A. English & BS English are comprehensive study programs based on language and literature, aimed at improving communicative competence of students and coping with the problems which they face while expressing in English. In order to improve the communication skills, Spoken English Course and

IELTS are also being launched by the Department. The purpose of these courses is the development of the ability to communicate effectively, to enable the students to read effectively and independently any literary text, to make the experience of learning English more meaningful and enjoyable. The focus is on teaching of language skills using a variety of techniques such as guided silent reading, communication tasks etc. Moreover, a comprehensive approach is taken for teaching writing skills with a focus on composing, editing and revising text/drafts. Now, the Department of English has M.Phil and PhD faculty members with an exposure of teaching at various established universities. They have a rich treasure of writings in national and international journals. With more PhD faculty, the department is going to establish a culture of research and publication among its students.

### Scheme of Studies (BS English Program)

Semester I	Semester II
<ol style="list-style-type: none"><li>1. Sociology</li><li>2. Geography</li><li>3. Pakistan Studies</li><li>4. Communication Skills</li><li>5. Introduction to English Literature-I (Poetry &amp; Drama)</li><li>6. Introduction to Linguistics</li></ol>	<ol style="list-style-type: none"><li>1. Islamic Studies/Ethics (for Non Muslims only)</li><li>2. Punjabi/Saraiki Literature</li><li>3. World History</li><li>4. Academic Reading &amp; Writing</li><li>5. History of English Literature-I (Medieval to Romantics)</li><li>6. Introduction to English Literature-II (Novel, Short story &amp; Prose)</li></ol>
Semester III	Semester IV

## Prospectus 2021

<ol style="list-style-type: none"> <li>1. Computers Studies</li> <li>2. Political Science</li> <li>3. Psychology</li> <li>4. Advanced Academic Reading &amp; Writing</li> <li>5. History of English Literature-II (19th Century Realism to Contemporary times)</li> <li>6. Phonetics &amp; Phonology</li> </ol>	<ol style="list-style-type: none"> <li>1. Economics</li> <li>2. Human Rights &amp; Citizenship</li> <li>3. Philosophy</li> <li>4. Statistics</li> <li>5. Pedagogical Grammar</li> <li>6. Morphology &amp; Syntax</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"> <li>1. Poetry (Classical &amp; Neo-classical)</li> <li>2. Novel (18th &amp; 19th Century)</li> <li>3. Literary Criticism</li> <li>4. Discourse Analysis</li> <li>5. Sociolinguistics</li> <li>6. Semantics &amp; Lexical Studies</li> </ol>	<ol style="list-style-type: none"> <li>1. Romantic and Victorian Poetry</li> <li>2. Classics in Drama</li> <li>3. Modern Literary Theory</li> <li>4. Psycholinguistics</li> <li>5. Stylistics</li> </ol>
<b>Semester VII</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"> <li>1. Modern and contemporary Poetry</li> <li>2. Modern Drama</li> <li>3. American Literature</li> <li>4. Testing and Evaluation</li> <li>5. Language Teaching Methods/Approaches &amp; Micro teaching</li> </ol>	<ol style="list-style-type: none"> <li>1. 20th Century Fiction &amp; Non-Fiction</li> <li>2. Emerging Forms of Literature/Genre Analysis</li> <li>3. Post-Colonial Literature</li> <li>4. Corpus Linguistics/Language and Gender</li> <li>5. Research Methodology</li> </ol>

### Scheme of Studies (M.A English Program)


<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. Communication / Study Skills</li> <li>2. History of English Literature</li> <li>3. Classical and Neo-classical Poetry</li> <li>4. Novel-I</li> <li>5. Short Story</li> </ol>	<ol style="list-style-type: none"> <li>1. World Drama</li> <li>2. Modern Novel</li> <li>3. Romantic and Victorian Poetry</li> <li>4. History Literary Criticism</li> <li>5. Linguistics</li> </ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. Modern Poetry</li> <li>2. Shakespearean Drama</li> <li>3. Pakistani Novel</li> <li>4. Women's Writings</li> <li>5. Stylistics</li> </ol>	<ol style="list-style-type: none"> <li>1. American Literature</li> <li>2. Modern Approaches to Literary Criticism</li> <li>3. Modern Drama</li> <li>4. Prose</li> <li>5. TESOL</li> </ol>



# Faculty of Social Sciences



## Department of Applied Psychology

	<p><b>Dr. Saira Irfan</b>  <i>Assistant Professor and Incharge,                  Department of Applied Psychology</i></p> <p>PhD, University Utara Malaysia  <b>Specialization:</b> Organizational Psychology                  Email: <a href="mailto:sairairfan@uosahiwal.edu.pk">sairairfan@uosahiwal.edu.pk</a></p>
<p><b>Established</b></p>	<p>2006</p>
<p><b>Academic Programs</b></p>	<p>BS Applied Psychology (Morning/ Evening)                  M.Sc. Applied Psychology (Morning /Evening)                  Advance Diploma in Clinical Psychology (Evening)                  (01 Year).                  MS Clinical Psychology (Self-Supporting)</p>
<p><b>Eligibility Criteria</b></p>	<p><b>Undergraduate Programs</b>  <b>Qualification:</b>                  Intermediate /HSSC with at least 45% aggregate marks  <b>Age Limit:</b> 24 years on closing date of admission</p> <p><b>Master Program: Qualification:</b>                  B.A./B.Sc. or equivalent with at least 45% aggregate marks including 10 marks for the subject of Psychology  <b>Age Limit:</b> 26 years on closing date of admission</p> <p><b>Advance Diploma in Clinical Psychology</b>  <b>Qualification:</b>                  M.A/M.Sc in Psychology/Applied Psychology, and BS 4-year Applied Psychology with at least 45% aggregate marks</p> <p><b>MS Applied Psychology Qualification:</b></p>



	<ol style="list-style-type: none"><li>1. At least 2.7 CGPA (out of 4.0) in Semester System in BS/MA/Equivalent Education in relevant subject</li><li>2. Candidate must have completed 16 years of schooling/education.</li><li>3. As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li></ol>
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## Teaching Faculty:

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### 2. Dr. Muhammad Waseem Tufail

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### 3. Dr. Kashifa Yasmeen

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## 7. Ms. Samira Rafiq

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## 8. Ms. Samreen Khurshid

Lecturer

MS Clinical Psychology, Foundation University, Islamabad

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## 9. Ms. Sara Komal

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## Introduction

The Department of Applied Psychology provides students with the opportunity to develop an understanding of behavior and experience from a variety of theoretical perspectives. The psychology faculty specializes in a wide variety of psychological topics including physiological, clinical/community, health, counseling, cognitive, social, and developmental psychology. The department offers a package of latest courses that equip the students with the latest techniques and concepts in the field of Applied Psychology. The main objective of the program is to produce high-quality professionals and behavioral scientists that are committed to the pursuit of excellence, and are endowed with vision, courage, and dedication. Besides, the vibrant and proactive faculty provides counseling and guidance, and human resource management services to the people of this region.

## Scheme of Studies M.Sc Applied Psychology Program

Semester I	Semester II
1. History and System in Psychology 2. Abnormal Psychology 3. Research Methods 4. Developmental Psychology 5. Experimental Psychology 6. Social Psychology	1. Introduction to Statistics 2. Educational Psychology 3. Personality Theories 4. Clinical Psychology 5. Neuro Psychology 6. Psychological Testing
Semester III	Semester IV

<ol style="list-style-type: none"> <li>1. Organizational Behaviour</li> <li>2. Health Psychology</li> <li>3. Positive Psychology</li> <li>4. Counselling and Vocational Guidance</li> <li>5. Internship</li> </ol>	<ol style="list-style-type: none"> <li>1. Consumer Behaviour</li> <li>2. Cross Cultural Psychology</li> <li>3. Human Resource Management</li> <li>4. Islamic Perspective in Psychology</li> <li>5. Communication</li> <li>6. Forensic Psychology</li> <li>7. Marketing Management</li> <li>8. Psychology of Criminals</li> <li>9. Psychology of Terrorism</li> <li>10. Environmental Psychology</li> <li>11. Psychology of Woman</li> <li>12. Data Analysis using SPSS</li> <li>13. Para Psychology</li> <li>14. Sports Psychology</li> <li>15. Military Psychology</li> <li>16. Thesis (optional)</li> </ol> <p><b>Note: Students will select any 05 courses from above list. Thesis is optional in lieu of 02 courses.</b></p>
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## Scheme of Studies BS Applied Psychology Program

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. English-I: Speaking and Listening Skills, Functional English</li> <li>2. Pakistan Studies</li> <li>3. Introduction to Statistics-I</li> <li>4. General Science</li> <li>5. Introduction to Sociology</li> <li>6. Introduction to Psychology-I</li> </ol>	<ol style="list-style-type: none"> <li>1. English-II: (Reading, Writing Skill and Other Communication Skills)</li> <li>2. Islamic Studies / Ethics</li> <li>3. Introduction to Statistics-II</li> <li>4. Introduction to Economics</li> <li>5. Fundamentals of Philosophy</li> <li>6. Introduction to Psychology-II</li> </ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. English-III: Novels, Short Stories and Prose</li> <li>2. Introduction to Computer</li> <li>3. Introduction to Education</li> <li>4. Introduction to Political Science OR History</li> <li>5. History and System in Psychology</li> <li>6. Social Psychology</li> </ol>	<ol style="list-style-type: none"> <li>1. English-IV: Drama, Poetry and Literary Criticism</li> <li>2. Mathematics</li> <li>3. Fundamentals of Anthropology</li> <li>4. Bio-Chemistry</li> <li>5. Experimental Psychology</li> <li>6. Abnormal Psychology</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>

<ol style="list-style-type: none"> <li>1. Clinical Psychology</li> <li>2. Developmental Psychology</li> <li>3. Behavioural Neuro Science</li> <li>4. Qualitative Research Methods</li> <li>5. Theories of Personality</li> </ol>	<ol style="list-style-type: none"> <li>1. Psychological Testing</li> <li>2. Organizational Psychology</li> <li>3. Educational Psychology</li> <li>4. Psychotherapy</li> <li>5. Qualitative Research Methods</li> </ol>
<b>Semester VII (Clinical)</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"> <li>1. Health Psychology</li> <li>2. Positive Psychology</li> <li>3. Child Psychology</li> <li>4. Organizational Behaviour</li> <li>5. Counselling and Guidance</li> <li>6. Special Education</li> <li>7. Psychology of Learning</li> <li>8. Human Resource Management</li> <li>9. Marketing Management</li> <li>10. Para Psychology</li> <li>11. Political Psychology</li> <li>12. Psychology and Literature</li> <li>13. Data Analysis using SPSS</li> <li>14. Internship (Compulsory)</li> </ol> <p><b>Note: Students will select any 04 courses from above list.</b></p>	<ol style="list-style-type: none"> <li>1. Military Psychology</li> <li>2. Consumer Behaviour</li> <li>3. Psychology of Women</li> <li>4. Psychology of Terrorism</li> <li>5. Sports Psychology</li> <li>6. Islamic Perspective of Psychology</li> <li>7. Environmental Psychology</li> <li>8. Psychology of Criminals</li> <li>9. Community Psychology</li> <li>10. Climate change and Disaster Management</li> <li>11. Cross Cultural Psychology</li> <li>12. Thesis (Optional)</li> </ol> <p><b>Note: Students will select any 05 courses from above list. Thesis is optional in lieu of 02 courses.</b></p>

## MS Clinical Psychology

### Introduction

MS in Clinical Psychology program is a specialized program that aims to enhance expertise of existing and future psychologist through a curriculum that integrates scientific knowledge with professional skills and attitudes necessary to function both in academic and applied setting.

This program comprises of 4 semesters during which the scholars will be trained in the core theoretical, practical and research related areas of Clinical Psychology. The program offers specialization in adult and child psycho-diagnostics interventions for both behavioral and emotional issues, community welfare, and rehabilitation at-risk segments of society. Furthermore, there would be a strong emphasis on research throughout the program and students will work alongside research programs within the domain of psychology and mental health.

### Objectives of the Program

1. To develop the capacity to understand varied and complex psychological theories and apply

these to formulate cases and plan intervention strategies.

2. To encourage the model of the scientist-practitioner by emphasizing on procedures derived from experimental and clinical research.
3. To provide trainees with the skills that will enable them to be reflective practitioners within the changing needs of the community.
4. To produce clinical psychologist who are creative and innovative with leadership qualities and follow high ethical standards in the delivery of their services.

### **Scope of MS Clinical Psychology Program**

Today in Pakistan the scope of clinical psychology is as bright and attractive as it is in the western world and in the developed countries and the main reason behind this improvement is that people of the country are getting more and more awareness and knowledge and they are getting more familiar with this career and profession which seems to be a question mark a decade ago. Due to increasing mental health issues in society, clinical psychologists are highly demanded professionals and they have wide scope for employability in the areas such as:

13. 1. Mental health departments, hospitals, clinics etc.
14. 2. Teaching and training at universities, colleges, schools etc.
15. 3. Special education schools and centres.
16. 4. Marriage and family problems.
17. 5. Providing individual, group and community-based counselling and psychotherapy for social wellbeing.
18. 6. Extending professional help in terms of counselling and psychotherapy in all manufacturing and service organizations for solution of mental health problems, and improve their mental health capacities for ultimate enhancement of organizational productivity and effectiveness, and consequently, the socioeconomic development of the country.

**SCHEME OF STUDY**

<b>Year - 1</b>		
<b>Semester- 1</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
MSPSY-901	Research Methods and Statistics (Quantitative)	3
MSPSY-902	Child Psychodiagnostic Assessment	3
MSPSY-903	Therapeutic Approaches with Children	3
MSPSY-904	Psychophysiology and Psychopharmacology	3
<b>Semester- 2</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
MSPSY-911	Research Methods and Statistics (Qualitative)	3
MSPSY-912	Adult Psychodiagnostic Assessment	3
MSPSY-913	Therapeutic Approaches with Adults	3
MSPSY-914	Rehabilitation Psychology	3
<b>Year - 2</b>		
<b>Semester- 3 &amp; 4</b>		
<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
MSPSY-1001	Internship	6
MSPSY-1002	Thesis	6

**Program Credit Hours: 36**

**Scheme of Studies (ADCP) Program**


<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. Advance Research Methods</li> <li>2. Advance Statistics in Psychology</li> <li>3. Advance Neuro Psychology</li> <li>4. Psychotherapy-I</li> <li>5. Theories of Personality</li> </ol>	<ol style="list-style-type: none"> <li>1. Psycho Diagnosis</li> <li>2. Psycho Pharmacology</li> <li>3. Child Development and Psychopathology</li> <li>4. Psychotherapy-II</li> <li>5. Internship (Compulsory)</li> </ol>

# Faculty of Computing Sciences





## Department of Computer Science

	<p><b>Dr. Shafiq Hussain</b>  <i>(HEC Approved PhD Supervisor)</i>  <b>Associate Professor and Chairperson,</b>          Department of Computer Science</p> <p><b>Specialization:</b> Software Engineering, Formal Methods, Software Security, Formal Verification of Software Systems</p> <p><b>Email:</b> drshafiq@uosahiwal.edu.pk</p>
<p><b>Established</b></p>	<p>2014</p>
<p><b>Academic Programs</b></p>	<p><b>Undergraduate Program:</b>          BS Computer Science (BSCS)          (Morning/Evening)</p> <p><b>Master Program:</b>          Master in Computer Science (MCS) (Morning/Evening)</p>
<p><b>Eligibility Criteria</b></p>	<p><b>Undergraduate Program: Qualification:</b>          ICS/FSc Pre-Engineering/FSc Pre-Medical/Intermediate with Mathematics or equivalent qualification with Mathematics certified by IBCC with <b>at least 50% marks</b>. Students with <b>FSc Pre-Medical</b> will pass an additional course of Mathematics.</p> <p><b>Age Limit:</b> 24 years on closing date of admissions.</p> <p><b>Master Program: Qualification:</b>          B.A/B/Sc with at least 45% aggregate marks and having studied any of the following subjects (each of 200 marks): Computer Science, Mathematics, Physics, Statistics, Bachelor of Commerce (B.Com) and Associate Degree Program in IT.</p> <p><b>Age Limit:</b> 26 years on closing date of admissions.</p>

## Teaching Faculty:

### 1. Dr. Shafiq Hussain

(HEC Approved PhD Supervisor)

Associate Professor and Chairman,

PhD Computer Science, University of Sunderland, UK.

**Specialization:** Software Engineering, Formal Methods, Software Security, Formal Verification of Software Systems

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### 2. Mr. Haroon Mehmood

Lecturer,

MS Computer Science, NCBA&C, Lahore, Pakistan.

Specialization: Databases and Game Development

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### 3. Mr. Umar Draz

Lecturer,

MS Computer Science, Comsats University Islamabad, Pakistan.

PhD (in process)

**Specialization:** Wireless Network, Internet of Things

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### 4. Ms. Zainab Safdar

Lecturer,

MS Computer Science, Bahauddin Zakariya University, Multan, Pakistan.

Specialization: Computer Networks

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## Introduction

Keeping in view the importance of computer science for the country, Department of Computer Science was established at BZU Sub-Campus Sahiwal in 2014. Currently, Department of Computer Science is offering Master in Computer Science (MCS) (2 Years) and BS Computer Science (BS CS) (4 Years) degree programs in morning and evening sessions. In addition to these degree programs many short courses and workshops are arranged by the department time to time. The students in Department of Computer Science have unlimited access to computers and professional software tools. The Department has modern computer lab equipped with latest computing technology. The department of Computer Science has two computer labs equipped with state-of-the-art technology. All the computers are equipped with latest technology and professional software tools and provide services such as HEC digital Library, video conference etc. The students and staff have access to Internet facilities during working hours.

## Introduction to MCS and BSCS Programs

The programs have been designed for the preparation of Computer Science experts to serve in academia and industry. The purpose is to sharpen the academic analytical and research skills of students in the field of computer science & IT and make them able to work in national and international organizations. The students will learn latest techniques and skills in this field. Our MCS and BS programs are all about these skills and techniques.

## Scheme of Studies BSCS Program

Semester I	Semester II
<ol style="list-style-type: none"><li>1. Introduction to ICT</li><li>2. Programming Fundamentals</li><li>3. English Composition &amp; Comprehension</li><li>4. Calculus &amp; Analytical Geometry</li><li>5. Applied Physics</li><li>6. Zero Mathematics (Part I)*</li></ol>	<ol style="list-style-type: none"><li>1. Digital Logic Design</li><li>2. Object Oriented Programming</li><li>3. Communication &amp; Presentation Skills</li><li>4. Probability &amp; Statistics</li><li>5. University Elective-I</li><li>6. Zero Mathematics (Part II)*</li></ol>
Semester III	Semester IV
<ol style="list-style-type: none"><li>1. Comp Organization &amp; Assembly Language</li><li>2. Data Structures &amp; Algorithms</li><li>3. Discrete Structures</li><li>4. Professional Practices</li><li>5. CS Supporting-I</li></ol>	<ol style="list-style-type: none"><li>1. Design &amp; Analysis of Algorithms</li><li>2. Theory of Automata</li><li>3. Database Systems</li><li>4. Linear Algebra</li><li>5. University Elective-II</li></ol>
Semester V	Semester VI
<ol style="list-style-type: none"><li>1. Compiler Construction</li><li>2. CS Supporting-II</li><li>3. Operating Systems</li><li>4. Software Engineering</li><li>5. CS Supporting-III</li></ol>	<ol style="list-style-type: none"><li>1. Artificial Intelligence</li><li>2. Computer Networks</li><li>3. CS Elective-I</li><li>4. CS Elective-II</li><li>5. Technical &amp; Business Writing</li></ol>
Semester VII	Semester VIII
<ol style="list-style-type: none"><li>1. CS Elective-III</li><li>2. CS Elective-IV</li><li>3. Final Year Project-I</li><li>4. University Elective-III</li><li>5. Parallel &amp; Distributed Computing</li><li>6. Pakistan Studies</li></ol>	<ol style="list-style-type: none"><li>1. CS Elective-V</li><li>2. University Elective-IV</li><li>3. Final Year Project — II</li><li>4. Information Security</li><li>5. Islamic Studies/ Ethics</li></ol>

## Scheme of Studies MCS Program


Semester I	Semester II
<ol style="list-style-type: none"> <li>1. Introduction to Computing</li> <li>2. Programming Fundamentals</li> <li>3. Discrete Structures</li> <li>4. Digital Logic Design</li> <li>5. University Elective-1</li> <li>6. University Elective-1</li> </ol>	<ol style="list-style-type: none"> <li>1. Computer Organization and Assembly Language</li> <li>2. Theory of Automata</li> <li>3. Object Oriented Programming</li> <li>4. Intro. To Database Systems</li> <li>5. Computer Communications and Networks</li> <li>6. Intro. To Software Engineering</li> </ol>
Semester III	Semester IV
<ol style="list-style-type: none"> <li>1. Computer Architecture</li> <li>2. Artificial Intelligence</li> <li>3. Operating Systems</li> <li>4. Data Structures and Algorithms</li> <li>5. CS Elective I</li> <li>6. CS Elective II</li> </ol>	<ol style="list-style-type: none"> <li>1. Design &amp; Analysis of Algorithms</li> <li>2. Compiler Construction</li> <li>3. Human Computer Interaction</li> <li>4. CS Elective III</li> <li>5. Software Project/Thesis</li> </ol>

CS Supporting Courses:	
<ol style="list-style-type: none"> <li>1. Differential Equations</li> <li>2. Multi-variate Calculus</li> <li>3. Graph Theory</li> </ol>	<ol style="list-style-type: none"> <li>1. Theory of Programming Languages</li> <li>2. Numerical Computing</li> </ol>
CS Elective Courses:	
<ol style="list-style-type: none"> <li>1. Software Engineering II</li> <li>2. Data Communications</li> <li>3. Principles of Programming Languages</li> <li>4. Computer Graphics</li> <li>5. Digital Image Processing</li> <li>6. Visual Programming</li> <li>7. Distributed Computing</li> <li>8. Network Security</li> <li>9. Computer Vision</li> <li>10. Systems Programming</li> <li>11. Distributed Database Systems</li> <li>12. Data Warehousing</li> <li>13. Web Engineering</li> </ol>	<ol style="list-style-type: none"> <li>14. Artificial Neural Networks</li> <li>15. Expert Systems</li> <li>16. Operations Research</li> <li>17. Network Programming</li> <li>18. Wireless Networks</li> <li>19. Telecommunication Systems</li> <li>20. Mobile Computing</li> <li>21. Java Programming</li> <li>22. Android Programming</li> <li>23. Cloud Computing</li> <li>24. Cyber Security</li> <li>25. Object-Oriented Analysis &amp; Design</li> <li>26. Ethical Hacking</li> </ol>

University Electives Courses:	
1. Business Communications and Technical Writing	5. Marketing
2. Financial Accounting	6. Economics
3. Financial Management	7. Psychology
4. Human Resource Management	8. Foreign/Regional Languages (French, German, Chinese, Japanese, Russian, Sindhi, Punjabi, Balochi, Pashto etc.)

\* “Zero Mathematics” is a non-credited course and mandatory for **pre-medical students** to pass within first two semesters, otherwise the admission will not be confirmed.

## Department of Information Technology

	<p><b>Dr. Shafiq Hussain</b>  <i>(HEC Approved PhD Supervisor)</i>  <b>Associate Professor and Chairperson,</b>                  Department of Computer Science</p> <p><b>Specialization:</b> Software Engineering, Formal Methods, Software Security, Formal Verification of Software Systems</p> <p><b>Email:</b> <a href="mailto:drshafiq@uosahiwal.edu.pk">drshafiq@uosahiwal.edu.pk</a></p>
<p><b>Established</b></p>	<p>2020</p>
<p><b>Academic Programs</b></p>	<p><b>Undergraduate Program:</b></p> <p>BS Information Technology (BSIT)                  (Morning/Evening)</p>
<p><b>Eligibility Criteria</b></p>	<p><b>Undergraduate Program:</b></p> <p><b>Qualification:</b></p> <p>ICS/FSc Pre-Engineering/FSc Pre-Medical/Intermediate with Mathematics or equivalent qualification with Mathematics certified by IBCC with at least 50% marks. Students with FSc Pre-Medical will pass an additional course of Mathematics.</p> <p><b>Age Limit:</b> 24 years on closing date of admissions.</p>

### Teaching Faculty:

#### 1. Dr. Shafiq Hussain

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PhD Computer Science, University of Sunderland, UK.

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## 2. Mr. Muhammad Zulfiqar

Lecturer,

MS Computer Science, Comsats University Islamabad, Pakistan.

Specialization: Cloud Computing

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## 3. Mr. Junaid Ahmad

Lecturer,

MS Computer Science, Lahore University of Management Sciences (LUMS)

**Specialization:** Data Structures, Operating systems and Network Security

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## 4. Ms. Tahira Malik

Lecturer,

MS Computer Science, University of Lahore, Pakistan.

**Specialization:** Computer Networks

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## Introduction

Keeping in view the importance of Information Technology for the country, Department of Information Technology was established in University of Sahiwal in 2020. Currently, Department of Computer Science is offering BS Information Technology (BSIT) (4 Years) degree program in morning and evening sessions. In addition to this degree program many short courses and workshops are arranged by the department time to time. The students in Department of Information Technology have unlimited access to the computers & the professional software tools. The Department has modern computer lab equipped with latest computing technology. The department of Information Technology has two computer labs equipped with state-of-the-art technology. All the computers are equipped with latest technology & the professional software tools and provide services such as HEC digital Library, video conference etc. The students and staff have access to Internet facilities during working hours.

## Introduction to BSIT Program

The programs have been designed for the preparation of IT experts to serve in academia and industry. The purpose is to sharpen the academic analytical and research skills of students in the field of IT and make them able to work in national and international organizations. The students will learn latest techniques and skills in this field. BSIT program is all about these skills and techniques.


## Scheme of Studies BSIT Program

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. Introduction to ICT</li> <li>2. Programming Fundamentals</li> <li>3. English Composition &amp; Comprehension</li> <li>4. Calculus &amp; Analytical Geometry</li> <li>5. Applied Physics</li> <li>6. Zero Mathematics (Part I)*</li> </ol>	<ol style="list-style-type: none"> <li>1. Object Oriented Programming</li> <li>2. Communication &amp; Presentation Skills</li> <li>3. IT Supporting Course-I</li> <li>4. Probability &amp; Statistics</li> <li>5. University Elective-I</li> <li>6. University Elective-II</li> <li>7. Zero Mathematics (Part II)*</li> </ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. Data Structures &amp; Algorithms</li> <li>2. Discrete Structures</li> <li>3. Professional Practices</li> <li>4. IT Supporting-II</li> <li>5. Linear Algebra</li> </ol>	<ol style="list-style-type: none"> <li>1. Operating Systems</li> <li>2. Information Security</li> <li>3. Computer Networks</li> <li>4. IT Project Management</li> <li>5. University Elective-III</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"> <li>1. Database Systems</li> <li>2. Software Engineering</li> <li>3. IT Supporting Course-III</li> <li>4. System and Network Administration</li> <li>5. University Elective-IV</li> </ol>	<ol style="list-style-type: none"> <li>1. Web Technologies</li> <li>2. IT Elective-I</li> <li>3. IT Elective-II</li> <li>4. IT Infrastructure</li> <li>5. Technical &amp; Business Writing</li> </ol>
<b>Semester VII</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"> <li>1. Virtual Systems and Services</li> <li>2. Pakistan Studies</li> <li>3. IT Elective-III</li> <li>4. Final Year Project-I</li> <li>5. IT Elective-IV</li> </ol>	<ol style="list-style-type: none"> <li>1. Final Year Project-II</li> <li>2. Cyber Security</li> <li>3. IT Elective-V</li> <li>4. Database Administration and Management</li> <li>5. Islamic Studies/ Ethics</li> </ol>
<b>BS-IT Supporting Courses:</b>	
<ol style="list-style-type: none"> <li>1. Enterprise Systems</li> <li>2. Modelling and Simulation</li> <li>3. Formal Methods</li> </ol>	<ol style="list-style-type: none"> <li>4. Operations Research</li> <li>5. Software Requirements Engineering</li> </ol>
<b>Mathematics and Science Foundation Courses:</b>	
<ol style="list-style-type: none"> <li>1. Calculus &amp; Analytical Geometry</li> <li>2. Probability &amp; Statistics</li> </ol>	<ol style="list-style-type: none"> <li>3. Linear Algebra</li> <li>4. Applied Physics</li> </ol>
<b>University Elective Courses:</b>	
<ol style="list-style-type: none"> <li>1. Foreign Language</li> <li>2. Social Service</li> <li>3. Management Related</li> </ol>	<ol style="list-style-type: none"> <li>4. Social Science Related</li> <li>5. Economy Related</li> </ol>



\* “Zero Mathematics” is a non-credited course and mandatory for **pre-medical students** to pass within first two semesters, otherwise the admission will not be confirmed.

## Department of Software Engineering

	<p><b>Dr. Shafiq Hussain</b> (HEC Approved PhD Supervisor) <b>Associate Professor and Chairperson,</b> Department of Computer Science</p> <p><b>Specialization:</b> Software Engineering, Formal Methods, Software Security, Formal Verification of Software Systems</p> <p><b>Email:</b> <a href="mailto:drshafiq@uosahiwal.edu.pk">drshafiq@uosahiwal.edu.pk</a></p>
<b>Established</b>	2020
<b>Academic Programs</b>	<b>Undergraduate Program:</b> BS Software Engineering (BSSE) (Evening)
<b>Eligibility Criteria</b>	<b>Undergraduate Program:</b> <b>Qualification:</b> ICS/FSc Pre-Engineering/FSc Pre-Medical/Intermediate with Mathematics or equivalent qualification with Mathematics certified by IBCC with at least 50% marks. Students with FSc Pre-Medical will pass an additional course of Mathematics. <b>Age Limit:</b> 24 years on closing date of admissions.

### Teaching Faculty:

#### 1. Dr. Shafiq Hussain

(HEC Approved PhD Supervisor)

Associate Professor and Chairman,

PhD Computer Science, University of Sunderland, UK.

**Specialization:** Software Engineering, Formal Methods, Software Security, Formal Verification of Software Systems

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## 2. Ms. Qurat ul Ain

Lecturer,

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**Specialization:** Software Quality Assurance

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## 3. Ms. Umber Noureen

Lecturer,

MS Computer Science, Comsats University Islamabad, Pakistan.

**Specialization:** Software Engineering

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## Introduction

Department of Software Engineering was established in University of Sahiwal in 2020. Currently, Department of Software Engineering is offering BS Software Engineering (BSSE) (4 Years) degree program in morning and evening sessions. In addition to this degree program many short courses and workshops are arranged by the department time to time. The students in Department of Software Engineering have unlimited access to the computers and the professional software tools. The department has modern computer lab equipped with latest computing technology.

## Introduction to BSSE Program

The programs have been designed for the preparation of software engineering experts to serve in academia and industry. The purpose is to sharpen the academic analytical and research skills of students in the field of Software Engineering and make them able to work in national and international organizations. The students will learn latest techniques and skills in this field. BSSE program is all about these skills and techniques.

## Scheme of Studies BSSE Program

Semester I	Semester II
<ol style="list-style-type: none"><li>1. Introduction to ICT</li><li>2. Programming Fundamentals</li><li>3. English Composition &amp; Comprehension</li><li>4. Calculus &amp; Analytical Geometry</li><li>5. Applied Physics</li><li>6. Zero Mathematics (Part I)*</li></ol>	<ol style="list-style-type: none"><li>1. Object Oriented Programming</li><li>2. Communication &amp; Presentation Skills</li><li>3. Discrete Structures</li><li>4. Software Engineering</li><li>5. Islamic Studies</li><li>6. University Elective-I</li><li>7. Zero Mathematics (Part I)*</li></ol>

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<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. Data Structures &amp; Algorithms</li> <li>2. Software Requirement Engineering</li> <li>3. Human Computer Interaction</li> <li>4. Linear Algebra</li> <li>5. University Elective-II</li> </ol>	<ol style="list-style-type: none"> <li>1. Operating Systems</li> <li>2. Database Systems</li> <li>3. Software Design &amp; Architecture</li> <li>4. Probability and Statistics</li> <li>5. University Elective-III</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"> <li>1. Software Construction and Development</li> <li>2. Computer Networks</li> <li>3. Technical and Business Writing</li> <li>4. SE Supporting -I</li> <li>5. SE Supporting -II</li> </ol>	<ol style="list-style-type: none"> <li>1. Software Quality Engineering</li> <li>2. Information Security</li> <li>3. Professional Practice</li> <li>4. Web Engineering</li> <li>5. SE Elective – I</li> <li>6. SE Supporting -III</li> </ol>
<b>Semester VII</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"> <li>1. Software Project Management</li> <li>2. Software Re-Engineering</li> <li>3. SE Elective – II</li> <li>4. SE Elective – III</li> <li>5. Final Year Project-I</li> </ol>	<ol style="list-style-type: none"> <li>1. SE Elective – II</li> <li>2. SE Elective – III</li> <li>3. Final Year Project-II</li> <li>4. University Elective-IV</li> </ol>

<b>Software Engineering Supporting Courses:</b>	
<ol style="list-style-type: none"> <li>1. Business Process Engineering</li> <li>2. Formal Methods in Software Engineering</li> <li>3. Simulation and Modelling</li> </ol>	<ol style="list-style-type: none"> <li>4. Operations Research</li> <li>5. Stochastic Processes</li> </ol>
<b>Mathematics and Science Foundation Courses:</b>	
<ol style="list-style-type: none"> <li>1. Calculus &amp; Analytical Geometry</li> <li>2. Probability &amp; Statistics</li> </ol>	<ol style="list-style-type: none"> <li>3. Linear Algebra</li> <li>4. Applied Physics</li> </ol>

<b>University Elective Courses:</b>	
<ol style="list-style-type: none"> <li>1. Foreign Language</li> <li>2. Social Service</li> <li>3. Management Related</li> </ol>	<ol style="list-style-type: none"> <li>4. Social Science Related</li> <li>5. Economy Related</li> </ol>

## Software Engineering ELECTIVE courses:


1. Agent Based Software Engineering	11. Mobile Application Development
2. Big Data Analytics	12. Multimedia Communication
3. Cloud Computing	13. Natural Language Processing
4. Computer Graphics	14. Real Time Systems
5. Data Encryption and Security	15. Semantic Web
6. E-Commerce	16. Software Engineering Economics
7. Game Application Development	17. Software Metrics
8. Global Software Development	18. Systems Programming
9. Information Systems Audit	19. Topics in Software Engineering
10. Management Information Systems	20. Visual Programming

\* “Zero Mathematics” is a non-credited course and mandatory for **pre-medical students** to pass within first two semesters, otherwise the admission will not be confirmed.

# Faculty of Sciences



## Department of Chemistry

	<p><b>Dr. Muhammad Amin Abid</b></p> <p>Associate Professor and Chairperson PhD, Zhejiang University, China</p> <p><b>Specialization:</b> Polymer Chemistry</p> <p><b>Email:</b> mabid@uosahiwal.edu.pk</p>
<b>Established</b>	2014
<b>Academic Programs</b>	BS (4 Year) Chemistry (Morning/Evening) M.Sc (2-Year) Chemistry (Morning/Evening) MPhil Chemistry (Self-Supporting)
<b>Eligibility Criteria</b>	<p><b>Undergraduate Program</b></p> <p><b>Qualification:</b> F.Sc with 45% marks in the subject of Chemistry and aggregate <b>Age Limit:</b> 24 years on closing date of admission</p> <p><b>Master Program</b></p> <p><b>Qualification:</b> B.Sc. with the subject of Chemistry securing at least 45% aggregate marks <b>Age Limit:</b> 26 years on closing date of admission</p> <p><b>MPhil Chemistry Qualification:</b></p> <ol style="list-style-type: none"><li>1. At least 2.7 CGPA (out of 4.0) in Semester System in BS/M.Sc/Equivalent Education in relevant subject</li><li>2. Candidate must have completed 16 years of schooling/education.</li><li>3. As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li></ol>

### Teaching Faculty:

#### 1. Dr. Muhammad Amin Abid

Associate Professor and Chairperson

PhD, Zhejiang University, China

**Specialization:** Polymer Chemistry

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## 2. **Dr. Abdul Hameed**

Associate Professor

PhD, University of Nottingham, UK

**Specialization:** Organic Chemistry

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### 3. Dr. Shafia Iftekhar

Assistant Professor

PhD, Norwegian University of Science and Technology, Norway

**Specialization:** Analytical and environmental sciences

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### 4. Dr. Komal Rizwana

Assistant Professor

PhD, Govt. College University, Faisalabad.

**Specialization:** Organic Chemistry

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### 5. Dr. Ikram Ahmad

Assistant Professor

PhD, King Abdul Aziz University, Jeddah, Kingdom of Saudi Arabia

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### 6. Dr. Ahmad Kaleem Qureshi

Assistant Professor

PhD, University of Malaya, Kuala Lumpur, Malaysia

**Specialization:** Organic Chemistry

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### 7. Dr. Muhammad Ahmad

Assistant Professor

PhD, The Islamia University of Bahawalpur, Pakistan

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### 8. Dr. Abdur Rauf

Assistant Professor,

PhD, Quaid E Azam University Islamabad.

**Specialization:** Physical Chemistry

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### 9. Dr. Javed Iqbal

Lecturer

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## 10. Dr. Lubna Rasool

Lecturer

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## 11. Dr. Fatiqa Zafar

Lecturer

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Specialization: Organic Chemistry

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## 12. Dr. Muhammad Babar Taj

Lecturer

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## 13. Dr. Tariq Javed

Lecturer

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Specialization: Physical Chemistry

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## 14. Dr. Hajra Rehman

Lecturer

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Specialization: Analytical Chemistry

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## 15. Dr. Muhammad Adnan Ayub

Lecturer

PhD, University of Agriculture Faisalabad, Pakistan

Specialization: Analytical Chemistry

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## 16. Dr. Sohail Shahzad

Lecturer

PhD, Islamia University of Bahawalpur, Pakistan

Specialization: Forensic Chemistry

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## Introduction

Study of the world of atoms, molecules, liquids, solids and gases is concerned with the knowledge of Chemistry. Chemists are both architects and students of miniature universe, involved in discovering the changes that occurs, exploring the principles that govern on these changes. History told us about the triumphs of chemistry in the fields of agricultural and medicinal products. Currently chemistry has revealed the modern ways of achieving aims and objectives in the fields of solar cells, semiconductor, superconductor, optical fiber, clean fuels, chemical memory, batteries and solution to various environmental issues. Chemistry department University of Sahiwal was established in 2014, department is offering program according to HEC course outline and has highly qualified, committed and excellent faculty. The future of the chemistry graduates is bright in different fields, e.g. Medical, Fertilizers, Cosmetics, Textiles, Food, New materials, Petrochemicals, Plastics, Alternative energy sources, Nano technology and Space Technology etc.

## Scheme of Studies of BS Chemistry Program

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. Inorganic Chemistry</li> <li>2. Introduction to computer &amp; its applications</li> <li>3. English-I</li> <li>4. Human Resource Management</li> <li>5. Functional Biology/Math</li> <li>6. Pakistan Studies</li> </ol>	<ol style="list-style-type: none"> <li>1. Organic Chemistry</li> <li>2. English-II (Functional)</li> <li>3. Entrepreneurship</li> <li>4. Islamic Studies/Ethics</li> <li>5. Mathematics-II</li> <li>6. Statistics</li> </ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. Biodiversity &amp; Conservation</li> <li>2. Environmental Chemistry</li> <li>3. Physical Chemistry</li> <li>4. English-III</li> <li>5. Social Psychology</li> <li>6. Electricity &amp; magnetism</li> </ol>	<ol style="list-style-type: none"> <li>1. Analytical Chemistry</li> <li>2. Applied Chemistry</li> <li>3. Biochemistry</li> <li>4. Electronic &amp; Modern Physics</li> <li>5. Applied Psychology</li> <li>6. Cell &amp; Molecular Biology</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"> <li>1. Analytical Chemistry</li> <li>2. Inorganic Chemistry</li> <li>3. Organic Chemistry</li> <li>4. Physical Chemistry</li> </ol>	<ol style="list-style-type: none"> <li>1. Applied/Bio/Fuel/Analytical Chemistry</li> <li>2. Inorganic Chemistry</li> <li>3. Organic Chemistry</li> <li>4. Physical Chemistry</li> </ol>

<b>Semester VII</b> <b>Specialization (Inorganic/Organic/Physical/ Applied/Analytical)</b>	<b>Semester VIII</b> <b>Specialization (Inorganic/Organic/Physical/ Applied/Analytical)</b>
<p>In the last year of BS Chemistry four years program (Semester VII &amp; VIII), 3 courses (03 credit hour each) of opted specialization and one course of minor subject (3 credit hours) will be offered. Two Advance labs from opted field of specialization will be offered in each semester. Research Project/Thesis (3 credit hours each in semesters VII &amp; VIII) in lieu of Advanced Course of another opted field of specialization, theory will be offered to students.</p> <p>Students are required to choose any of the specializations having 05 Advance courses in each specialization.</p>	<p>In the last year of BS Chemistry four years program (Semester VII &amp; VIII), 3 courses (03 credit hour each) of opted specialization and one course of minor subject (3 credit hours) will be offered. Two Advance labs from opted field of specialization will be offered in each semester. Research Project/Thesis (3 credit hours each in semesters VII &amp; VIII) in lieu of Advanced Course of another opted field of specialization, theory will be offered to students.</p> <p>Students are required to choose any of the specializations having 05 Advance courses in each specialization.</p>

## Scheme of Studies M.Sc Chemistry Program

Semester I	Semester II
<ol style="list-style-type: none"> <li>1. Inorganic Chemistry-I</li> <li>2. Organic Chemistry-I</li> <li>3. Physical Chemistry-I</li> <li>4. Analytical Chemistry-I</li> <li>5. Applied/Industrial Chemistry-I</li> <li>6. Environmental/Biochemistry/Forensic/ Material</li> <li>7. Inorganic Chemistry Lab-I</li> <li>8. Organic Chemistry Lab -I</li> <li>9. Physical Chemistry Lab -I</li> <li>10. Analytical Chemistry Lab-I</li> </ol>	<ol style="list-style-type: none"> <li>1. Inorganic Chemistry-II</li> <li>2. Organic Chemistry-II</li> <li>3. Physical Chemistry-II</li> <li>4. Analytical Chemistry-II</li> <li>5. Applied/Industrial Chemistry-II</li> <li>6. Environmental/Biochemistry /Forensic/ Material</li> <li>7. Inorganic Chemistry Lab-II</li> <li>8. Organic Chemistry Lab -II</li> <li>9. Physical Chemistry Lab -II</li> <li>10. Applied Chemistry Lab-II</li> </ol>
Semester III	Semester IV
<p>In the last year of M.Sc Chemistry two years program (Semester III &amp; IV), 03 courses (03 credit hour each) of opted specialization and one course of minor subject (3 credit hours) will be offered. One Advance labs from opted field of specialization will be offered in each semester. Research Project/Thesis (3 credit hours each in semesters III &amp; IV) in lieu of Advanced Course of another opted field of specialization, theory will be offered to students.</p> <p>Students are required to choose any of the specializations having 05 Advance courses in each specialization.</p>	<p>In the last year of M.Sc Chemistry two years program (Semester III &amp; IV), 3 courses (03 credit hour each) of opted specialization and one course of minor subject (3 credit hours) will be offered. One Advance labs from opted field of specialization will be offered in each semester. Research Project/Thesis (3 credit hours each in semesters III &amp; IV) in lieu of Advanced Course of another opted field of specialization, theory will be offered to students</p> <p>Students are required to choose any of the specializations having 05 Advance courses in each specialization.</p>

### MPhil Chemistry Program:

Study of the world of atoms, molecules, liquids, solids and gases is concerned with the knowledge of Chemistry. Chemists are both architects and students of miniature universe, involved in discovering the changes that occurs, exploring the principles that govern on these changes. History told us about the triumphs of chemistry in the fields of agricultural and medicinal products. Currently chemistry has revealed the modern ways of achieving aims and objectives in the fields of solar cells, semiconductor, superconductor, optical fiber, clean fuels, chemical memory, batteries and solution to various environmental issues. Chemistry department University of Sahiwal was established in 2014, department is offering program according to HEC course outline and has highly qualified, committed and excellent faculty. The future of the chemistry graduates is bright in different fields, e.g. Medical,

Fertilizers, and Cosmetics, Textiles, Food, New materials, Petrochemicals, Plastics, Alternative energy sources, Nano-technology and Space Technology etc.

## Scheme of Studies of M.Phil Chemistry Program:

Semester I	Credits	Semester II	Credits
Paper I	03	Paper V	03
Paper II	03	Paper VI	03
Paper III	03	Paper VII	03
Paper IV	03	Paper VIII	03
<b>Semester III &amp; IV</b>			
Research			06

*Department of Chemistry will offer Four Courses (Total 12 Credit Hours) in each Semester (I and II) from the below given list of courses in three specializations:-*


1. *Physical Chemistry*
2. *Organic Chemistry*
3. *Analytical & Inorganic Chemistry*

11.

Sr. No	Course Title & Code
1	Research methodology
2	Green chemistry techniques
3	Characterizations of natural antioxidants and essential oils
4	Natural product chemistry
5	Thermal analysis
6	Advanced spectroscopic techniques
7	Pharmaceutical chemistry
8	Chemistry of atmosphere
9	Advanced photochemistry and radiation chemistry
10	Environmental impact of chemical industries
11	Nanomaterials and their applications
12	Chemistry of dyes and pigments
13	Industrial process chemistry
14	Advances in petrochemical industries
15	Agrochemicals
16	Chromatographic Techniques-I
17	Chromatographic Techniques-II
18	Modern Extraction Techniques
19	Quality Assurance and Quality Control

20	Advance NMR Spectroscopy
21	Advanced Stereochemistry
22	Advance Organic Synthesis
23	Polymer Chemistry
24	Surface Chemistry
25	Electrode Processes
26	Colloids and Surfactants
27	Instrumental Physical Chemistry
28	Thermodynamics and Statistical Mechanics
29	Heterogeneous Catalysis
30	Applied Transition Metal Catalytic Chemistry
31	Chemistry of Organometallic Compounds
32	Medicinal Inorganic Chemistry
33	Inorganic Polymers

## Department of Physics

	<p><b>Dr. Hafiz Tariq Masood</b>  <i>(HEC Approved PhD Supervisor)</i>  <i>Assistant Professor and Incharge</i>  <i>Department of Physics</i></p> <p><b>PhD</b>, University of Science and Technology of China.</p> <p><b>Post Doctorate</b>, Zhejiang University Hangzhou, China.</p> <p><b>Specialization:</b> Condense Matter Physics, Thin Film Solar Cells, Semiconductor Devices</p> <p><b>Email:</b> tariq@uosahiwal.edu.pk</p>
<p><b>Established</b></p>	<p>2015</p>
<p><b>Academic Programs</b></p>	<p>BS (4-year) Physics (Morning/Evening)  MSc (2- Year) Physics (Morning/ Evening)  MPhil Physics (Self-Supporting)</p>
<p><b>Eligibility Criteria</b></p>	<p><b>Undergraduate Program</b></p> <p><b>Qualification:</b>  F.Sc (Pre-Engineering) /ICS with at least 45% aggregate marks</p> <p><b>Age Limit:</b> 24 years on closing date of admission</p> <p><b>Master Program</b></p> <p><b>Qualification:</b>  B.Sc.with the subject of Physics and Mathematics / Statistics / Chemistry / Computer Science securing at least 45% aggregate marks</p> <p><b>Age Limit:</b> 26 years on closing date of admissions.</p> <p><b>MPhil Physics Qualification:</b></p> <ol style="list-style-type: none"> <li>1. At least 2.7 CGPA (out of 4.0) in Semester System in</li> </ol>



	<p>BS/M.Sc/Equivalent Education in relevant subject</p> <ol style="list-style-type: none"><li>2. Candidate must have completed 16 years of schooling/education.</li><li>3. As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li></ol>
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## Teaching Faculty:

### 1. Dr. Hafiz Tariq Masood

(HEC Approved PhD Supervisor)

Assistant Professor and Incharge, Department of Physics

PhD, University of Science and Technology of China.

Post Doctorate, Zhejiang University Hangzhou, China.

**Specialization:** Condense Matter Physics, Thin Film Solar Cells, Semiconductor Devices

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### 2. Dr. Muhammad Asif Nawaz

(HEC Approved PhD Supervisor)

Assistant Professor

PhD, Islamia University of Bahawalpur

**Specialization:** Semi-conducting Materials

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### 3. Dr. Uzma Ikhlq

Assistant Professor

PhD, Govt. College University Lahore.

**Specialization:** Synthesizing Transition metal nitrides

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### 4. Dr. Muhammad Rafique

(HEC Approved PhD Supervisor)

Assistant Professor

PhD, University of Engineering and Technology (UET), Lahore

**Specialization:** Nanotechnology, Energy Materials

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**5. Dr. Sarmad Masood Shaheen**

Assistant Professor

PhD, Chinese Academy of Sciences, Beijing, China

**Specialization:** Particle and Nuclear Physics

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**6. Dr. Muhammad Irfan**

Assistant Professor

PhD, Chinese Academy of Sciences, Beijing, China

**Specialization:** Condensed Matter Physics

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## 7. Dr. Farooq Aziz

Lecturer

PhD, Islamia University of Bahawalpur.

**Specialization:** Medical Physics

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## 8. Dr. Muhammad Asim Shahzad

Lecturer

PhD Physics, Islamia University of Bahawalpur

**Specialization:** Material Physics, Growth of Nano-Materials

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## 9. Ms. Aatika Amer

Lecturer

M.Phil, University of Agriculture, Faisalabad

Specialization: Laser Physics

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## 10. Mr. Muhammad Shakeel Anwar

Lecturer

M.Phil, Physics, University of Engineering and Technology (UET) Lahore

**Specialization:** Device fabrication

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## 11. Mr. Abdul Rehman

Lecturer

M.Phil, Physics, Pakistan Institute of Engineering & Applied Sciences Islamabad (PIEAS)

**Specialization:** Biophotonics, Density Functional Theory (DFT).

**Email:** [arehman@uosahawal.edu.pk](mailto:arehman@uosahawal.edu.pk)

## Introduction

The Department of Physics at University of Sahiwal was established in 2015. The main purpose is to provide quality education and basic understanding of Physics to the students. The Department of Physics is equipped with two modern Physics Labs for the skill development in many areas. The course study at BS/MSc levels, educates the participants with various aspects of matter, motion, energy, time, and so on. There exist ample master level courses for candidates who are interested in higher education. Apart from this, the candidates can seek career opportunities in research and development, science, education and other related areas. Higher education after BS/MSc degree increases the proximity to get in to a high designation job with rewarding compensation packages.

The tools of the physicist- observation, imagination, model building, prediction, and deduction will enable physics to continue this influence into the new century. The Master of Science in Physics degree program is designed to provide the skills, understanding, and outlook required for participation in the discovery of new knowledge about nature.

## Scheme of Studies of BS Physics Program

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. English-I</li> <li>2. Calculus-I</li> <li>3. Introduction to Computing</li> <li>4. Mechanics</li> <li>5. GOF/GRF</li> <li>6. Lab-I</li> </ol>	<ol style="list-style-type: none"> <li>1. English-II</li> <li>2. Calculus-II</li> <li>3. Electricity &amp; Magnetism</li> <li>4. Heat &amp; Thermodynamics</li> <li>5. GOF/GRF</li> <li>6. Lab-II</li> </ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. English-III</li> <li>2. Linear Algebra</li> <li>3. Waves &amp; Oscillations</li> <li>4. Modern Physics</li> <li>5. Pakistan Studies</li> <li>6. GOF/GRF</li> <li>7. Lab-III</li> </ol>	<ol style="list-style-type: none"> <li>1. Islamic Studies/Ethics</li> <li>2. GOF/GRF</li> <li>3. Differential Equations</li> <li>4. Probability &amp; Statistics</li> <li>5. Optics</li> <li>6. GOF/GRF</li> <li>7. Lab-IV</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"> <li>1. Mathematical Methods of Physics-I</li> <li>2. Electrodynamics-I</li> <li>3. Classical Mechanics</li> <li>4. Electronics-I</li> <li>5. Statistical Physics</li> <li>6. Lab-V</li> </ol>	<ol style="list-style-type: none"> <li>1. Mathematical Methods of Physics-II</li> <li>2. Quantum Mechanics-I</li> <li>3. Electrodynamics-II</li> <li>4. Electronics-II</li> <li>5. Solid State Physics-I</li> <li>6. Lab-VI</li> </ol>
<b>Semester VII</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"> <li>1. Quantum Mechanics-II</li> <li>2. Atomic &amp; Molecular Physics</li> <li>3. Solid State Physics-II</li> <li>4. Lab-VII</li> <li>5. Elective-I / Research Thesis / Project Report</li> <li>6. Elective-II / Research Thesis / Project Report</li> </ol>	<ol style="list-style-type: none"> <li>1. Relativity and cosmology</li> <li>2. Nuclear Physics II</li> <li>3. Classical Electrodynamics-II</li> <li>4. Elective-III</li> <li>5. Elective-IV</li> </ol>

**Scheme of Studies M.Sc Physics Program**

<b>Semester I</b>	<b>Semester II</b>
1. Mathematical Methods of Physics-I 2. Electrodynamics-I 3. Classical Mechanics 4. Electronics-I 5. Statistical Physics 6. Lab-V	1. Mathematical Methods of Physics-II 2. Quantum Mechanics-I 3. Electrodynamics-II 4. Electronics-II 5. Solid State Physics-I 6. Lab-VI
<b>Semester III</b>	<b>Semester IV</b>
1. Quantum Mechanics-II 2. Atomic & Molecular Physics 3. Solid State Physics-II 4. Lab-VII 5. Elective-I Research Thesis / Project Report 6. Elective-II Research Thesis / Project Report	1. Nuclear Physics 2. Elective-III 3. Elective-IV 4. Elective-V 5. Elective-VI

**MPhil Physics Program, Department of Physics****Introduction**

The Department of Physics was established in 2015 and is offering the undergraduate and postgraduate programs in Physics. The department is well equipped with basic Physics Laboratories and is developing state of the art advanced and research laboratories. The department is enriched with highly qualified and well-recognized faculty including seven PhD and three MPhil faculty members. The active research areas, both in theoretical and experimental, include condense matter physics, energy materials, renewable energy devices, semiconductor materials, particle physics, laser physics, medical physics, nanoscience and nanotechnology, etc. The department and faculty also have a number of national and international collaborations to strengthen the students with modern and latest research trends and activities. The graduates of this department can start career in the educational and research organizations and industries.

**Scheme of Study and Semester-wise Breakup: Semester-I**

<b>Course Code</b>	<b>Title</b>	<b>Cr. Hrs.</b>	<b>Remarks</b>
PHYS-601	Quantum Mechanics-I	3	Compulsory
PHYS-602	Electrodynamics- I	3	Compulsory
PHYS-603	Classical Mechanics	3	Compulsory
PHYS-604	Mathematical Methods of Physics	3	Compulsory
Total		12	

## Semester-II

Course Code	Title	Cr. Hrs.	Remarks
PHYS-605	Statistical Physics	3	Compulsory
PHYS-XXX	Graduate Level Physics Course	3	Elective-I
PHYS-XXX	Graduate Level Physics Course	3	Elective-II
PHYS-XXX	Graduate Level Physics Course	3	Elective-III
Total		12	

## Semester-III & IV

Course Code	Title	Cr. Hrs.	Remarks
PHYS-700	Research Project / Thesis	6	Compulsory
Total		6	

### Total Credit Hours:

The minimum credit hours for award of MPhil Physics degree will be thirty (30).






# Faculty of Law





## Department of Law

	<p><b>Dr. Imtiaz Ahmad Khan</b> <i>Associate Professor and Chairperson</i> <i>Department of Law</i></p> <p><b>PhD</b>, University of Glasgow United Kingdom</p> <p><b>Specialization:</b> Corporate Laws, Corporate Governance, Laws of Contract, Philosophy of Law</p> <p><b>Email:</b> <a href="mailto:imtiazahmad@uosahiwal.edu.pk">imtiazahmad@uosahiwal.edu.pk</a></p>
<b>Established</b>	2014
<b>Academic Programs</b>	LLB (5-year) (Morning/Evening)
<b>Eligibility Criteria</b>	<p><b>Undergraduate Program: Qualification:</b></p> <p>Intermediate/HSSC with at least 45% aggregate marks and qualified <b>LAT (Law Admission Test)</b> conducted by Higher Education Commission.</p> <p><b>Age Limit:</b> 24 years on closing date of admissions</p>

### Teaching Faculty:

**1. Dr. Imtiaz Ahmad Khan**

Associate Professor and Chairperson

**PhD**, University of Glasgow United Kingdom

**Specialization:** Corporate Laws, Corporate Governance, Law of Contract, Philosophy of Law

**Email:** [imtiazahmad@uosahiwal.edu.pk](mailto:imtiazahmad@uosahiwal.edu.pk)

**2. Mr Muhammad Fahad Anwar**

Assistant Professor

LLM, University of South Asia, Lahore, Pakistan

Specialization: Civil Laws

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**3. Dr. Hafiz Abdul Rehman**

Assistant Professor

PhD, Zhejiang University, Hangzhou, China

Specialization: SJD (Chinese Laws)

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## 4. Ms Rashida Zahoor

Assistant Professor

LLM, Superior University, Lahore, Pakistan.

Specialization: Law of Evidence

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## 5. Ms Farah Deeba

Assistant Professor

LLM, University of the Punjab, Lahore.

**Specialization:** International Commercial Law

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## 6. Mr Muhammad Ahsan Iqbal Hashmi

Lecturer

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Specialization: Commercial Laws

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## 7. Mr Hafiz Omer Abdullah

Lecturer

LLM, University of Lahore, Pakistan

**Specialization:** Criminal Law and Jurisprudence

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## 8. Ms Saira Afzal

Lecturer

LLM, Islamic International University, Islamabad

**Specialization:** Muslim Family Laws

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## Introduction

The Department of Law, University of Sahiwal is the first public sector institution in the division of Sahiwal to cater the needs of the people to get legal education. The objective of establishment of the department was to fill the gap created due to non-availability of public sector institution that could provide legal education to the people of Sahiwal Division and its suburb areas. The students of Sahiwal have to travel to Lahore and Multan to get legal education. Therefore, in order to cater the needs of the students of the locality, the Department of Law was established in the erstwhile Sub-campus of Bahauddin Zakariya University at Sahiwal in the year 2014. After the establishment of the University of Sahiwal in 2015, the Department becomes constituent part of the University. The

Department aims at steering the University to be a leading public sector University in providing affordable quality legal education for the students of the locality. The focus of the Department is to enable the students to conduct an independent research and to learn different aspects of resolving practical problems in legal field and legal aspects of different other fields. This will develop the culture of learning thinking, research and advocacy. The main objectives of the establishment of the Department included but not limited to: i) To educate and train the future lawyers, legal consultants and jurists ii) To enhance the quality and standard of legal education iii) To develop the culture of research in legal fields iv) To train the students to possess the capacity of legal reasoning.

## Scheme of Studies (LLB Program)

<b>Semester I</b>	<b>Semester II</b>
<ol style="list-style-type: none"> <li>1. English-I</li> <li>2. Pakistan Studies</li> <li>3. Introduction to Sociology</li> <li>4. Fundamentals of Economics</li> <li>5. Introduction to Law</li> <li>6. Skills Development</li> </ol>	<ol style="list-style-type: none"> <li>1. English –II</li> <li>2. Islamic Studies/Ethics</li> <li>3. Principles of Political Science</li> <li>4. Legal System of Pakistan</li> <li>5. History (South Asia)</li> <li>6. Law of Torts- I</li> </ol>
<b>Semester III</b>	<b>Semester IV</b>
<ol style="list-style-type: none"> <li>1. English-III</li> <li>2. Introduction to Logic And Reasoning</li> <li>3. Islamic Jurisprudence – I</li> <li>4. Law of Torts-II</li> <li>5. Law of Contract – I</li> <li>6. Constitutional Law-I (UK)</li> </ol>	<ol style="list-style-type: none"> <li>1. Human Rights Law</li> <li>2. Constitutional Law-II (US)</li> <li>3. Law of Contract-II</li> <li>4. Islamic Jurisprudence – II</li> <li>5. Introduction to Psychology</li> </ol>
<b>Semester V</b>	<b>Semester VI</b>
<ol style="list-style-type: none"> <li>1. Jurisprudence – I</li> <li>2. Constitutional Law-III</li> <li>3. (Pakistan)</li> <li>4. Islamic Personal Law – I</li> <li>5. Criminal Law-I</li> <li>6. Law of Property</li> </ol>	<ol style="list-style-type: none"> <li>1. Jurisprudence – II</li> <li>2. Law of Business Organizations</li> <li>3. Islamic Personal Law – II</li> <li>4. Criminal Law – II</li> <li>5. Land Laws</li> </ol>
<b>Semester VII</b>	<b>Semester VIII</b>
<ol style="list-style-type: none"> <li>1. Public International Law – I</li> <li>2. Constitutional Developments in Pakistan</li> <li>3. Civil Procedure-I</li> <li>4. Criminal Procedure – I</li> <li>5. Law of Evidence – I</li> <li>6. Legal Drafting – I</li> </ol>	<ol style="list-style-type: none"> <li>1. Public International Law – II</li> <li>2. Equity and Specific Relief</li> <li>3. Civil Procedure – II</li> <li>4. Criminal Procedure – II</li> <li>5. Law of Evidence – II</li> <li>6. Legal Drafting – II</li> </ol>

## Internship after Completion of 8th Semester and before 10th Semester (During Summer Vacations)

Semester IX	Semester X
<ol style="list-style-type: none"> <li>1. Research Methods</li> <li>2. Minor Acts</li> <li>3. Elective – I *</li> <li>4. Elective– II *</li> <li>5. Moot Cases and Professional</li> <li>6. Ethics</li> </ol>	<ol style="list-style-type: none"> <li>1. Administrative Law</li> <li>2. Interpretation of Statutes</li> <li>3. And Legislative Drafting</li> <li>4. Research Project</li> <li>5. Elective - III *</li> <li>6. Elective– IV *</li> </ol>

## Elective Courses

<ol style="list-style-type: none"> <li>1. Alternate Dispute Resolution</li> <li>2. Banking Laws</li> <li>3. Conflict of Laws</li> <li>4. Consumer Protection Laws</li> <li>5. Custom and Tariff Laws</li> <li>6. e-Commerce Law</li> <li>7. Election Laws</li> <li>8. Environmental Laws</li> <li>9. Gender and Law</li> <li>10. Insurance laws</li> <li>11. Intellectual Property Laws</li> <li>12. International Economic Law</li> <li>13. International Humanitarian Law</li> <li>14. International Institutions</li> <li>15. International Trade Law</li> </ol>	<ol style="list-style-type: none"> <li>16. Islamic Commercial Laws</li> <li>17. Labor Laws</li> <li>18. Law and Development</li> <li>19. Law and Energy</li> <li>20. Law and Society in Pakistan</li> <li>21. Local and Special Laws</li> <li>22. Media Laws</li> <li>23. Medical and Forensic Law</li> <li>24. Mergers and Acquisitions</li> <li>25. Islamic Legal Maxims</li> <li>26. Public Interest Litigation</li> <li>27. Securities Regulation</li> <li>28. Shipping and Admiralty Laws</li> <li>29. Taxation Laws</li> <li>30. Telecommunication Laws</li> </ol>
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## Admission Criteria for Undergraduate Programs:

Sr. #	Name of Program	Eligibility Criteria	Determination of Merit
1.	BS (CS)	Intermediate with at least 50% aggregate marks in any of the following: Pre-Engineering/ <b>Pre-Medical</b> /Commerce/General Science with Computer or Mathematics. <ul style="list-style-type: none"> <li>• DAE with Electrical/Electronics/IT Technology.</li> <li>• A-level with Computer / Mathematics / Biology.</li> </ul> Pre-Medical and A-Level with Biology Students will pass additional Subject of Mathematics.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
2.	BS (IT)	Intermediate with at least 50% aggregate marks in any of the following: Pre-Engineering / <b>Pre-Medical</b> /Commerce/General Science with Computer or Mathematics. <ul style="list-style-type: none"> <li>• DAE with Electrical/Electronics/IT Technology.</li> <li>• A-level with Computer / Mathematics / Biology.</li> </ul> Pre-Medical and A-Level with Biology Students will pass additional Subject of Mathematics.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
3.	BS (SE)	Intermediate with at least 50% aggregate marks in any of the following: Pre-Engineering/ <b>Pre-Medical</b> /Commerce/General Science with Computer or Mathematics. <ul style="list-style-type: none"> <li>• DAE with Electrical/Electronics/IT Technology.</li> <li>• A-level with Computer / Mathematics / Biology.</li> </ul> Pre-Medical and A-Level with Biology Students will pass additional Subject of Mathematics.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
4.	BS Chemistry	F.Sc Pre-Medical or Pre-Engineering or Equivalent Examination* with at least 45% marks and Chemistry as an elective subject.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran
5.	BS Physics	Pre- Engineering or Equivalent Examination* with at least 45% marks and Physics as an elective subject.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.

6.	BBA	F.A/F.Sc or Equivalent Examination* with at least 45% marks.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
7.	BS Accounting and Finance	F.A/F.Sc or Equivalent Examination* with at least 45% marks.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
8.	BS Applied Psychology	F.A/F.Sc or Equivalent Examination* with at least 45% marks.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
9.	LLB (5 Years)	F.A/F.Sc or Equivalent Examination* with at least 45% marks and LAT (Law Admission Test) conducted by Higher Education Commission of Pakistan.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
10.	BS English	F.A/F.Sc or Equivalent Examination* with at least 45% marks.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
11.	BS Economics	F.A/F.Sc or Equivalent Examination* with at least 45% marks.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.
12.	BS Commerce	F.A/F.Sc or Equivalent Examination* with at least 45% marks.	Aggregate marks obtained in the intermediate or equivalent examinations including 20 marks for Hifz-e-Quran.

\* From a recognized Institution/Board of Intermediate & Secondary Education and Candidates who have passed "A Level" are required to submit IBCC equivalence certificate at the time of submission of application.

## Admission Criteria for Postgraduate Programs:

Sr. #	Name of Program	Eligibility Criteria	Determination of Merit
1.	MCS	<ul style="list-style-type: none"> <li>• B.A./B.Sc. with at least 45% aggregate marks and having studied any of the following subjects (each of 200 marks): Computer, Mathematics, Physics, Statistics.</li> <li>• B.Com (Bachelor of Commerce).</li> <li>• ADP (Associate Degree Program) in IT.</li> </ul>	<p>Merit will be calculated as follows:</p> <p>1- Multiply the obtained semester system marks by Factor 0.85 to bring the marks at par with the Annual System.</p> <p>2- Add 30% weightage for marks in matriculation examination + plus 30% weightage for marks in Intermediate Examination + 40% weightage for marks in Graduation Examination.</p> <p>3- In those Departments where there is no subject restriction, 10 marks would be awarded to those candidates who have studied the relevant subject (as an elective subject) to which they are seeking admission.</p> <p>4-Add 20 marks for Hifz-e-Quran if applicable</p>
2.	M.Sc Chemistry	B.Sc only with Chemistry, Botany, and Zoology or Chemistry, Physics and Mathematics/Statistics with 45% overall marks and 45% marks in the subject of Chemistry.	<p>Merit will be calculated as follows:</p> <p>1- Multiply the obtained semester system marks by Factor 0.85 to bring the marks at par with the Annual System.</p> <p>2- Add 30% weightage for marks in matriculation examination + plus 30% weightage for marks in Intermediate Examination + 40% weightage for marks in Graduation Examination.</p> <p>3- In those Departments where there is no subject restriction, 10 marks would be awarded to those candidates who have studied the relevant subject (as an elective subject) to which they are seeking admission.</p> <p>4-Add 20 marks for Hifz-e-Quran if applicable</p>
3.	M.Sc Physics	B.Sc. with Physics, Mathematics and Chemistry /Mathematics/Statistics with 45% overall marks and 45% marks in the subject of Physics	<p>Merit will be calculated as follows:</p> <p>1- Multiply the obtained semester system marks by Factor 0.85 to bring the marks at par with the Annual System.</p> <p>2- Add 30% weightage for marks in matriculation examination + plus 30% weightage for marks in Intermediate Examination + 40% weightage for marks in Graduation Examination.</p> <p>3- In those Departments where there is no subject restriction, 10 marks would be awarded to those candidates who have studied the relevant subject (as an elective subject) to which they are seeking admission.</p> <p>4-Add 20 marks for Hifz-e-Quran if applicable</p>



4.	M.A Economics	B.A/ B.Sc/ B.Com or equivalent securing at least 45% aggregate marks with Economics as an Elective Subject with at least 45% marks.	<p>1- Multiply the obtained semester system marks by Factor 0.85 to bring the marks at par with the Annual System.</p> <p>2- Add 30% weightage for marks in matriculation examination + plus 30% weightage for marks in Intermediate Examination + 40% weightage for marks in Graduation Examination.</p> <p>3- In those Departments where there is no subject restriction, 10 marks would be awarded to those candidates who have studied the relevant subject (as an elective subject) to which they are seeking admission.</p> <p>4-Add 20 marks for Hifz-e-Quran if applicable</p>
5.	M.A English	B.A/B.Sc. (Minimum 45% marks in English as well as aggregate)	<p>Merit will be calculated as follows:</p> <p>1- Add 30% weightage for marks in matriculation examination + plus 30% weightage for marks in Intermediate Examination + 40% weightage for marks in Graduation Examination</p> <p>2-Add 20 marks for Hifz-e-Quran if applicable.</p>
6.	MBA	Bachelor (Honours Degree) or 2 years of Bachelor Degree plus 2 years of Master Degree	<p>Merit will be calculated as follows:</p> <p>1- Multiply the obtained semester system marks by Factor 0.85 to bring the marks at par with the Annual System.</p> <p>2- 10% of Matriculation + 10% of Intermediate + 30% of Bachelor (Honors Degree) or 15% of 2 years of Bachelor Degree plus 15% of 2 years of Master Degree + 50% of Entry Test.</p> <p>3- In those Departments where there is no subject restriction, 10 marks would be awarded to those candidates who have studied the relevant subject (as an elective subject) to which they are seeking admission.</p> <p>4-Add 20 marks for Hifz-e-Quran if applicable.</p>
7.	EMBA	Bachelor (Honours Degree) or 2 years of Bachelor Degree plus 2 years of Master Degree	<p>Merit will be calculated as follows:</p> <p>1- Multiply the obtained semester system marks by Factor 0.85 to bring the marks at par with the Annual System.</p> <p>2- 30% of Matriculation + 30% of Intermediate + 40% of Bachelor (Honors Degree) or 20% of 2 years of Bachelor Degree plus 20% of 2 years of Master's Degree.</p> <p>3- In those Departments where there is no subject restriction, 10 marks would be awarded to those candidates who have studied the relevant subject (as an elective subject) to which they are seeking admission.</p> <p>4-Add 20 marks for Hifz-e-Quran if applicable.</p>

8.	MSc. Applied Psychology	BA/ B.Sc./ B.Com, or Equivalent Examination.	<p>Merit will be calculated as follows:</p> <p>1- Multiply the obtained semester system marks by Factor 0.85 to bring the marks at par with the Annual System.</p> <p>2- Add 30% weightage for marks in matriculation examination + 30% weightage for marks in Intermediate Examination + 40% weightage for marks in Graduation Examination.</p> <p>3 - In those Departments where there is no subject restriction, 10 marks would be awarded to those candidates who have studied the relevant subject (as an elective subject) to which they are seeking admission.</p> <p>4 - Add 20 marks for Hifz-e-Quran if applicable.</p>
9.	Advance Diploma in Clinical Psychology	<p>M.A/M.sc in Psychology / Applied Psychology, BS Psychology / Applied Psychology with at least 45% aggregate marks.</p> <p>Note: Passing of Departmental Entry Test is mandatory</p>	<p>Merit will be calculated as follows:</p> <p>1- Multiply the obtained semester system marks by Factor 0.85 to bring the marks at par with the Annual System.</p> <p>2- Add 70% weightage for marks in M.A/M.Sc./BS Psychology or Applied Psychology + 30% weightage for marks in departmental test.</p>

## Admission Criteria for MS/MPhil Programs:

Sr. #	Name of Program	Eligibility Criteria	Determination of Merit
1.	MS Business Administration	<ol style="list-style-type: none"> <li>At least 2.7 CGPA (out of 4.0) in Semester System in BS/M.Sc/Equivalent Education in relevant subject</li> <li>Candidate must have completed 16 years of schooling/education.</li> <li>As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li> </ol>	Merit will be calculated as follows: 1- Academic Education = 50% 2- GAT/GRE OR Entry Test = 40% 3- Interview through Experts = 10%
2.	MS Applied Psychology	<ol style="list-style-type: none"> <li>At least 2.7 CGPA (out of 4.0) in Semester System in BS/M.Sc/Equivalent Education in relevant subject</li> <li>Candidate must have completed 16 years of schooling/education.</li> <li>As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li> </ol>	Merit will be calculated as follows: 1- Academic Education = 50% 2- GAT/GRE OR Entry Test = 40% 3- Interview through Experts = 10%
3.	MPhil Economics	<ol style="list-style-type: none"> <li>At least 2.7 CGPA (out of 4.0) in Semester System in BS/M.Sc/Equivalent Education in relevant subject</li> <li>Candidate must have completed 16 years of schooling/education.</li> <li>As per HEC policy, candidate must have</li> </ol>	Merit will be calculated as follows: 1- Academic Education = 50% 2- GAT/GRE OR Entry Test = 40% 3- Interview through Experts = 10%

		passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.	
4.	MPhil Chemistry	<ol style="list-style-type: none"> <li>1. At least 2.7 CGPA (out of 4.0) in Semester System in BS/M.Sc/Equivalent Education in relevant subject</li> <li>2. Candidate must have completed 16 years of schooling/education.</li> <li>3. As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li> </ol>	Merit will be calculated as follows: 1- Academic Education = 50% 2- GAT/GRE OR Entry Test = 40% 3- Interview through Experts = 10%
5..	MPhil Physics	<ol style="list-style-type: none"> <li>1. At least 2.7 CGPA (out of 4.0) in Semester System in BS/M.Sc/Equivalent Education in relevant subject.</li> <li>2. Candidate must have completed 16 years of schooling/education.</li> <li>3. As per HEC policy, candidate must have passed GAT General/GRE test OR Candidate must have to pass Departmental Admission Test with 60% marks conducted by Departmental Admission Committee.</li> </ol>	Merit will be calculated as follows: 1- Academic Education = 50% 2- GAT/GRE OR Entry Test = 40% 3- Interview through Experts = 10%

**Tentative Admission Schedule 2021 for MS/MPhil Programs****For Self-Supporting Classes**

<b>Sr No</b>	<b>Schedule of Admission</b>	<b>Important Dates</b>
1	Last Date for Receipt of Application	15-02-2021
	Date of Admission/Entry Test	17-02-2021
2	Merit List No. 1	19-02-2021
4	Merit List No.2	22-02-2021
6	Merit List No.3	24-02-2021
10	<b>Commencement of Classes</b>	01-03-2021

**Tentative Admission Schedule 2020 for Postgraduate Programs****For Morning Sessions**

<b>Sr No</b>	<b>Schedule of Admission</b>	<b>Important Dates</b>
1	Last Date for Receipt of Application	30-09-2020
2	Merit List No. 1	01-10-2020
3	Last Date for Submission of Dues	02-10-2020
4	Merit List No.2	03-10-2020
5	Last Date for Submission of Dues	05-10-2020
6	Merit List No.3	06-10-2020
7	Last Date for Submission of Dues	08-10-2020
8	Merit List No.4	09-10-2020
9	Last Date for Submission of Dues	12-10-2020
10	<b>Commencement of Classes</b>	<b>26-10-2020</b>

**For Self-Supporting Sessions**

<b>Sr No.</b>	<b>Schedule of Admission</b>	<b>Important Dates</b>
1	Merit List No. 1	13-10-2020
2	Last Date for Submission of Dues	14-10-2020
3	Merit List No.2	15-10-2020
4	Last Date for Submission of Dues	16-10-2020
5	Merit List No.3	17-10-2020
6	Last Date for Submission of Dues	19-10-2020
7	Merit List No.4	20-10-2020
8	Last Date for Submission of Dues	22-10-2020
9	<b>Commencement of Classes</b>	<b>26-10-2020</b>

**Tentative Admission Schedule 2020 for Undergraduates Programs****For Morning Sessions**

<b>Sr No</b>	<b>Schedule of Admission</b>	<b>Important Dates</b>
1	Last Date for Receipt of Application	30-09-2020
2	Merit List No. 1	01-10-2020
3	Last Date for Submission of Dues	02-10-2020
4	Merit List No.2	03-10-2020
5	Last Date for Submission of Dues	05-10-2020
6	Merit List No.3	06-10-2020
7	Last Date for Submission of Dues	08-10-2020
8	Merit List No.4	09-10-2020
9	Last Date for Submission of Dues	12-10-2020
10	<b>Commencement of Classes</b>	<b>26-10-2020</b>

**For Self-Supporting Sessions**

<b>Sr No.</b>	<b>Schedule of Admission</b>	<b>Important Dates</b>
1	Merit List No. 1	13-10-2020
2	Last Date for Submission of Dues	14-10-2020
3	Merit List No.2	15-10-2020
4	Last Date for Submission of Dues	16-10-2020
5	Merit List No.3	17-10-2020
6	Last Date for Submission of Dues	19-10-2020
7	Merit List No.4	20-10-2020
8	Last Date for Submission of Dues	22-10-2020
9	<b>Commencement of Classes</b>	<b>26-10-2020</b>

## Admission Policy

1. For submitting the application form, the candidate is required to:
2. Submit a separate application form for each program, if applying in more than one discipline/program.
3. Deposit a separate fee voucher for each application form.
4. Submit attested photocopies of the following documents:
  - i. Matriculation Certificate
  - ii. FA/F.Sc/Equivalent Certificate
  - iii. BA/B.Sc/Equivalent Education (if applicable)
  - iv. MA/M.Sc/ Equivalent Education (if applicable)
  - v. Domicile
  - vi. CNIC/B-Form of the candidate
  - vii. CNIC of Father/Guardian of the candidate
  - viii. Three (3) passport size pictures (in blue background) of candidate (attested from back side)
  - ix. NOC from previous attended institute
  - x. Hafiz-e-Quran certificate issued from Wafaq ul Madaris (if applicable)
  - xi. Sports certificate of divisional level (if applicable)
  - xii. Disability certificate issued by the Social Welfare Department
5. Pay admission test fee of Rs. 500 (where applicable).
6. Submit one original leaf of duly paid fee voucher to the DSA office within a given time.
7. Each class/section will be comprised of the seats already mentioned in the prospectus.
8. Sections/shifts of the classes will not be changed once the admission has been secured.
9. All the merit lists will be displayed on the notice boards of the University as per notified schedule.  
No candidate will be informed personally.
10. Minimum requirement for starting the class in any discipline/program is 20 students per class/section.
11. All educational certificates/degrees will be verified by the university.
12. Upon the presentation of incorrect/false/forged/fraudulent information or document(s) in connection with admission is a criminal offense and the University reserves the right to initiate appropriate legal action against the candidate.



13. If a candidate wants to cancel his/her admission, the admission fee will be refundable only before the commencement of classes.

**Note:** - University reserves the right to amend admission policy at any time as per university requirement.

**Break-Up of Seats for MS/MPhil Programs**

		Open Merit	Seats for children of Shaheeds/War Disabled/Retired	Seats for nominees from Azad Kashmir	Seats for nominees from Northern Areas (Gilgit-Baltistan)	Seats for nominees of Baluchistan	Seats for nominees of FATA	Seats for Army personnel / Defense Personals	Seats for real son/daughter of working/retired/deceased Employees other than Teachers of University of Sahiwal	Seats for real son/daughter of working/retired/deceased Teachers other than Employees of University of Sahiwal	Seats for disabled candidates	Seats for serving University Teacher/Employees serving University Employee	Seats for Sports	Seats for Minorities	Total Seats
Subject	Session	A	B	C	D	E	F	G	H	I	J	K	L	M	N
MS Business Administration	Self-Supporting	20													20
MS Applied Psychology	Self-Supporting	20													20
MPhil Economics	Self-Supporting	20													20

MPhil Chemistry	Self-Supporting	20																		20	
MPhil Physics	Self-Supporting	20																			20

## Break-Up of Seats for Postgraduate Programs

Subject	Session	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		Open Merit	Seats for children of Shaheeds/War Disabled/Retired	Seats for nominees from Azad Kashmir	Seats for nominees from Northern Areas (Gilgit-Baltistan)	Seats for nominees of Baluchistan	Seats for nominees of FATA	Seats for Army personnel / Defense Personals	Seats for real son/daughter of working/retired/deceased Employees other than Teachers of University of Sahiwal	Seats for real son/daughter of working/retired/deceased Teachers other than Employees of University of Sahiwal	Seats for disabled candidates	Seats for serving University Teacher/Employees serving University Employee	Seats for Sports	Seats for Minorities	Total Seats

# Prospectus 2021

MCS	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
EMBA	Evening	60	-	-	-	-	-	-	-	-	-	-	-	-	60
MBA	Morning	60	-	1	1	2	4	2	2	2	1	-	2	2	81
	Evening	60	2	-	-	-	-	-	2	2	-	2	2	2	70
M.Sc. Applied Psychology	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
ADCP	Evening	20	-	-	-	-	-	-	-	-	-	-	-	-	20
M.A.	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
M.Sc. Chemistry	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
M.Sc. Physics	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
M.Sc. Economics	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130

**Break-Up of Seats for Undergraduate Programs**

		Open Merit	Seats for children of Shaheeds/War Disabled/Retired	Seats for nominees from Azad Kashmir	Seats for nominees from Northern Areas (Gilgit-Baltistan)	Seats for nominees of Baluchistan	Seats for nominees of FATA	Seats for Army personnel. / Defense Personals	Seats for real son/daughter of working/retired/deceased Employees other than Teachers of University of Sahiwal	Seats for real son/daughter of working/retired/deceased Teachers other than Employees of University of Sahiwal	Seats for disabled candidates	Seats for serving University Teacher/Employees serving University Employee	Seats for Sports	Seats for Minorities	Total Seats
Subject	Session	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BS(CS)	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
BS(IT)	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
BS(SE)	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130

# Prospectus 2021

BS(Chem)	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
BS(Phy)	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
BBA	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
BS Acc. & Finance	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
<u>BS Applied Psychology</u>	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
LLB (Hons.5 years)	Morning	50 + 50	2	1	1	2	4	2	2	2	1	-	2	2	121
	Evening	50 + 50	-	-	-	-	-	-	2	2	-	2	2	2	110
BS English	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
BS Commerce	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130
BS Economics	Morning	60 + 60	2	1	1	2	4	2	2	2	1	-	2	2	141
	Evening	60 + 60	-	-	-	-	-	-	2	2	-	2	2	2	130

## Fee Schedule Morning Classes 2020-21

Program	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	3 <sup>rd</sup> Semester	4 <sup>th</sup> Semester	5 <sup>th</sup> Semester	6 <sup>th</sup> Semester	7 <sup>th</sup> Semester	8 <sup>th</sup> Semester	9 <sup>th</sup> Semester	10 <sup>th</sup> Semester
BBA	31748	20240	25583	20240	25583	20240	25583	20240		
BS Acc. & Finance	31748	20240	25583	20240	25583	20240	25583	20240		
BS	31748	20240	25583	20240	25583	20240	25583	20240		
BS CS	44398	32890	38233	32890	38233	32890	38233	32890		
BS IT	44398	32890	38233	32890	38233	32890	38233	32890		
LLB	31748	20240	25583	20240	25583	20240	25583	20240	25583	20873
M.A	31748	20240	25583	20240						
M.Sc.	31748	20240	25583	20240						
MCS	31748	20240	25583	20240						
MBA	31748	20240	25583	20240	25583	20240	25583			

## Fee Schedule Self-Supporting Classes 2020-21

Programs	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	3 <sup>rd</sup> Semester	4 <sup>th</sup> Semester	5 <sup>th</sup> Semester	6 <sup>th</sup> Semester	7 <sup>th</sup> Semester	8 <sup>th</sup> Semester	9 <sup>th</sup> Semester	10 <sup>th</sup> Semester
BBA	45657	34155	39492	34155	39492	34155	39492	34155		
BS Acc. & Finance	45657	34155	39492	34155	39492	34155	39492	34155		
BS	45657	34155	39492	34155	39492	34155	39492	34155		
BS CS	45657	34155	39492	34155	39492	34155	39492	34155		
BS IT	45657	34155	39492	34155	39492	34155	39492	34155		
BS SE	45657	34155	39492	34155	39492	34155	39492	34155		
MBA	46928	35420	40763	35420						
M.Sc.	46928	35420	40763	35420						
MCS	46928	35420	40763	35420						
Executive MBA	46928	35420	40763	35420						
M.A.	38073	26565	31908	26565						
ADCP	46928	35420	40763							
MS/MPhil	60000	60000	60000	60000						

Thesis Evaluation Fee = Rs.15000/-



Form 1



University of Sahiwal
APPLICATION FOR ADMISSION
(Year 20\_\_)

Form No. \_\_\_\_\_

(For Office Use)

Affix / Paste
One
Photograph
With blue
background

IMPORTANT INSTRUCTIONS:

- 1. Please tick the box according to the program applied for.
2. Incomplete applications shall not be entertained.
3. Any incorrect information provided in this form may lead to disciplinary action or cancellation of admission at any stage.
4. The candidate is advised to select the subject of his/her choice for admission very carefully.

Please Tick ( )

Applying For: Undergraduate [ ] Postgraduate [ ] M.Phil [ ]

Ph.D [ ] Other [ ]

Program: Morning [ ] Evening [ ]

Applying on: Merit Seat [ ] Reserved Seat [ ] Sports Seat [ ]

Department: [ ]

Program: [ ]

Name (Block Letters)

Grid for Name entry

Father's Name:

Grid for Father's Name entry

CNIC /Form-B:

Grid for CNIC/Form-B entry

Nationality: \_\_\_\_\_ Domicile: \_\_\_\_\_ Religion: \_\_\_\_\_

Gender: \_\_\_\_\_ Blood Group: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Age: \_\_\_\_\_ Year: \_\_\_\_\_ Months: \_\_\_\_\_ Days: \_\_\_\_\_ (as on closing date of admissions)

Father's Occupation: \_\_\_\_\_ Father's Monthly Income: \_\_\_\_\_

Address: \_\_\_\_\_

Tel No. (Res): \_\_\_\_\_ Cell No. \_\_\_\_\_

(Father/Guardian): Cell No. \_\_\_\_\_ (Applicant): Email: \_\_\_\_\_

# Prospectus 2021

## PERSON TO BE CONTACTED IN EMERGENCY:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Tel No. (Res): \_\_\_\_\_ Cell No. \_\_\_\_\_

Place of stay during studies: Own House  University Hostel  Other Place

## Registration Number:

Board:

University:

## ACADEMIC RECORD:

Examination	Year	Board / University	Roll No.	Marks Obtained / Maximum Marks/ CGPA	Marks Obtained in the Subject of Admission	Division / Grade	Major Subjects
Matric / O' Level or Equivalent							
F.A / F.Sc/ ICS D.Com / DBA / A' Level or Equivalent							
B.A / B.Sc/ B.Com / BBA / A' Level or Equivalent							
M.A / M.Sc. / M.Com / L.L.B/ Equivalent							
MS / M.Phil or Equivalent							
Others							
Hifz-e-Quran							

## Distinctions:

1. _____
2. _____
3. _____

## Co-Curricular Activities

1. _____
2. _____
_____

## CHECK LIST:

- Academic Certificate of last examination passed
- Merit Certificate(s)
- Character Certificate from Head of Institution last attended
- Detailed marks certificate of last examination passed
- Hifz-e-Quran Certificate
- National ID Card
- Domicile Certificate.
- One set of attested photocopies of all above mentioned documents.
- Three passport size photographs (duly attested 1 from front and two from back side)
- N.O.C by the last institute/Board attended

## UNDERTAKING:

I solemnly affirm that:

- 1) I am not a member of any political party and that I shall not indulge in politics as long as I will remain a student of the University.
- 2) I will not challenge the findings/decisions of Head of the Institution regarding my Rustication/Expulsion from the University or cancellation of my admission at any stage.
- 3) I am bound to follow the rules and regulations of the university; otherwise university reserves the right to initiate disciplinary action against me
- 4) I shall not claim hostel accommodation as a matter of right.
- 5) I have myself filled in this Form and the information made herein is correct.

\_\_\_\_\_  
(Signature of the Applicant)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Father/Guardian)

Date: \_\_\_\_\_

## FOR OFFICE USE ONLY

Application No. _____	Roll. No. _____	Registration No. _____
Admission on: Merit Seat <input type="checkbox"/>	Reserved Seat <input type="checkbox"/>	Sports Seat <input type="checkbox"/>
Receiving Clerk: _____	Department's Representative: _____	
Director Students Affairs: _____	Date: _____	



**RECOMMENDATION BY THE COMMITTEE**

**Member 1:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Member 2:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Member 3:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Signature Member 1** \_\_\_\_\_

**Signature Member 2** \_\_\_\_\_

**Signature Member 3** \_\_\_\_\_

From 3



University of Sahiwal

Reserved Seat Based Admission

(Year 20\_\_)

Form No. \_\_\_\_\_

(For Office Use)

Affix / Paste
One
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With blue
background

IMPORTANT INSTRUCTIONS:

- 1. Incomplete applications shall not be entertained.
2. Any incorrect information provided in this form may lead to disciplinary action or cancellation of admission at any stage.
3. The candidate is advised to select the subject of his/her choice for admission very carefully

Name (Block Letters) [Grid]

Father's Name: [Grid]

[Grid]

CNIC /Form-B:

Address: \_\_\_\_\_

Tel No (Res): \_\_\_\_\_ Cell No. (Father/Guardian): \_\_\_\_\_

Cell No. (Applicant): \_\_\_\_\_ Email: \_\_\_\_\_

Department & Program Applied for:

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

Category of Reserved Seat Applied for: \_\_\_\_\_

Table with 3 columns: Supporting Document, Attached, If not attached, then please mention the reason

Candidate Signature

Received By: \_\_\_\_\_

Stamp: \_\_\_\_\_

**AFFIDAVIT**

For Kinship Seats  
(UNDERTAKING)

A) Affidavit of  
Mr./Miss/Mrs. \_\_\_\_\_  
Son/Daughter/Spouse of  
Mr. \_\_\_\_\_  
Caste \_\_\_\_\_ Resident of  
\_\_\_\_\_  
\_\_\_\_\_

(1) The deponent declares on Oath/solemn affirmation that Mr./Miss  
\_\_\_\_\_ is his/her real \_\_\_\_\_

(2) The deponent declares on oath/solemnly affirms  
at \_\_\_\_\_ on \_\_\_\_\_  
that his declaration is true that it conceals nothing and that no part of it is false.

(3) i) CNIC of applicant: \_\_\_\_\_

ii) CNIC of Parent/Guardian: \_\_\_\_\_

DEPONENT

**Attested by:**

Magistrate or Oath Commissioner/  
Gazetted Officer

**Service Verification**

It is verified that Mr./Miss/Mrs.

\_\_\_\_\_ is/has been an

Employee/teacher of University of Sahiwal, and his/her period of regular service or

deputation is \_\_\_\_\_

Assistant Registrar (Admin)/or  
Deputy Registrar (Admin)



**AFFIDAVIT**

(UNDERTAKING)

A) Affidavit of Mr.

Miss/Mrs. \_\_\_\_\_

Son/Daughter/Spouse of Mr. \_\_\_\_\_

Caste \_\_\_\_\_ Resident of \_\_\_\_\_

14. The deponent declares on oath/solemn affirmation that if admitted in the university as student, he will never indulge in 'Politics', will not bring or keep any type of weapons within the university premises, will not hold a gathering, or meeting, or take out processions in any part of university campus, will not allow or abett the entry to the premises of university of expelled students, anti-social elements or other groups whose presence on the campus could cause conflict amongst the students.

2) The deponent declares on oath/solemn affirmation and undertakes that he will not challenge the finding/decision of the Head of the Institution regarding his expulsion, rustication from the University or cancellation of his admission at any stage whatsoever, before any Court, Tribunal, Authority or Forum other than the Supreme Court of Pakistan.

DEPONENT

The deponent swears/solemnly affirms at \_\_\_\_\_ on \_\_\_\_\_

that his declaration is true, that it conceals nothing and that no part of it is false.

DEPONENT

B) Affidavit of Mr. \_\_\_\_\_

Father/Guardian/Spouse of \_\_\_\_\_

Mr./Miss/Mrs. \_\_\_\_\_ Caste \_\_\_\_\_

Resident of \_\_\_\_\_

The deponent declares at \_\_\_\_\_ on \_\_\_\_\_ on oath/solemn affirmation to the best of his/her knowledge that whatever is declared above by his son/daughter/spouse, Mr./Miss/Mrs.

\_\_\_\_\_ is true, that it conceals nothing, that no part of it is false, and that he/she under takes not to challenge the finding/decision of the Head of the Institution regarding the expulsion or rustication of his/her son/daughter/spouse from the University, or cancellation of admission of his son/daughter/spouse, before any Court, Tribunal, Authority and Forum other than the Supreme Court of Pakistan.

DEPONENT

Attested by:

Magistrate or Oath Commissioner/  
Gazetted Officer.



*First Public Sector University in Sahiwal*  
**UNIVERSITY OF SAHIWAL**



Fareed Town Road Sahiwal