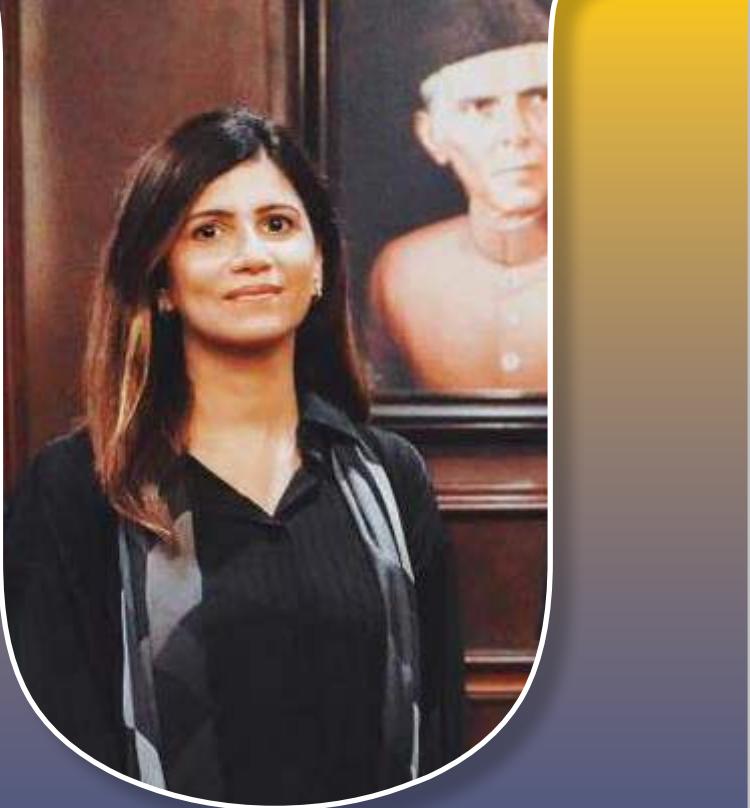




**PROSPECTUS
2024-25**



CHANCELLOR'S MESSAGE

It gives me immense pleasure to join Iqra University as its Co-Founder. Iqra University is a classic example of a social project which has transformed thousands of lives in just a few years since its inception. It is an Institution which does not believe in discrimination amongst its students or staff on any grounds. It promotes a highly conducive learning environment with advanced integration of technology to develop the youth of this Country into entrepreneurs and corporate leaders.

Its diversification of academic programmes from fashion design, textile design, engineering, business, computer science, development studies, and media sciences to education contributes to the development of various important facets of our national needs. This Institution has never compromised on the quality of education that it imparts, and we will continue to retain this sacred commitment.

Insha Allah the team at Iqra University will ensure that this legacy of success and social contribution continues with zeal, commitment, and total dedication.

Mrs. Erum Asaad
Chancellor



VICE CHANCELLOR'S MESSAGE

Welcome to IQRA University, a vibrant hub of academic excellence, creativity, and innovation. I am pleased to extend a warm welcome to all who are part of our esteemed university community and those exploring our institution's possibilities.

At IU, we nurture curiosity, critical thinking, and a passion for learning. Our faculty members are mentors who guide our students to reach their full potential.

As a leading higher education institution, we pride ourselves on research that addresses global challenges and drives positive change, facilitated by state-of-the-art infrastructure and collaborative initiatives. Our holistic education fosters leadership and responsibility in students, with opportunities for extracurricular activities.

To our alumni, your success reflects the quality of education you received here. You are our ambassadors, and your achievements motivate us to continue striving for excellence.

Thank you for joining our journey to shape a brighter future through education, research, and collaboration.

Prof. Dr. Nassar Ikram
Vice Chancellor



CHAIRMAN CAMPUS'S MESSAGE

I can proudly assert the fact that as visualized at its inception, Iqra is a university with a difference. This differentiation factor is what individualizes us with uniqueness in the ever-expanding world of higher education.

To keep up with the demands of the progressive development phase of our country, Iqra has kept up the pace and has introduced new courses and degrees for undergraduates and postgraduates in the Management Sciences, Development Studies, Computing & Technology and Fashion Industry. In a nutshell, courses at Iqra give a comprehensive background of the relevance of the various degrees from the diverse world, where aspiring candidates are exposed to the realities of their professions and advised by the highly reputed faculty to adjust within the cultural framework.

Mohammad Ibrahim Khan
Chairman
Iqra University,
Islamabad Campus



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MISSION STATEMENT |

VISION STATEMENT |

Iqra University strives to be a world-class institution of higher education and research, promoting technical skills, critical thinking, and public duty, to help develop a prosperous and progressive society.

To transform the lives of youth through world-class education at an affordable price.

INTRODUCTION

Chartered by the Government of Sindh, Iqra University was established in Karachi in 1998. The University is a brainchild of Mr. Hunaid Lakhani, Founding Chancellor & Chairman of Iqra University, whose aim was to establish a premier institution of higher learning. Currently, the University has six campuses and more than fifteen thousand students enrolled in various disciplines.

The beautiful, lush green, Islamabad Campus was established in 2002 in the educational sector of Islamabad i.e. H-9. It is spread over an area of five acres. The campus has a vibrant culture, highly qualified faculty, and best facilities which foster a congenial learning environment conducive to intellectual and professional growth of the students.



AIMS AND OBJECTIVES

Iqra University aims to instil in students a culture of continual learning and innovation by transforming their mindset and shaping their personalities. What the University seeks to offer to students is an exciting, self-fulfilling and challenging lifetime learning experience. The main objective of the university is to provide high-quality, comprehensive educational and training opportunities that are compatible with the changing needs of the students. Through its academic programmes, the University prepares its students for the challenges of the 21st century. The University provides foreign-qualified PhD faculty, staff and students with the environment and infrastructure that help them develop their potential for scholarship, creative work, professional realization, and social service. In fulfilling its mission, the university cultivates in the students:

- A strong foundation of knowledge and skills
- The ability to think critically and tolerate differences of opinion
- An understanding and respect for ethnic and cultural diversity
- Logical and ethical decision making
- Adaptability to the workplace
- Sense of being a responsible citizen of the society
- The values of hard work and dedication



RESOURCES AND INFRASTRUCTURE

State-Of-The-Art Classrooms

In our institute, we take great pride in our classrooms which feature state-of-the-art technology and infrastructure. These exceptional learning spaces are equipped with mind-blowing facilities, including cutting-edge smart boards and a seating capacity of 60-plus students. The incorporation of advanced technology enhances the learning experience, allowing for interactive and engaging lessons. With spacious and comfortable seating arrangements, our classrooms provide a conducive environment for students to thrive academically. These modern facilities reflect our commitment to providing a dynamic and innovative educational environment within our institute.





Auditorium

A modern auditorium facility that can accommodate up to 250 people. It's a fantastic venue designed to host engaging presentations, inspiring lectures, and captivating performances. We've equipped the auditorium with state-of-the-art audiovisual technology, including a remarkable media wall. This impressive feature ensures that every attendee experiences an immersive and visually stunning experience. With comfortable seating arrangements, optimized acoustics, and a sleek design, our auditorium is the perfect choice for various events and gatherings, making it a vibrant hub within our institute.



Conference Room

The conference room is equipped with smart LED screens and has a seating capacity of 30 participants. This conference room offers a modern and interactive environment for collaborative discussions, presentations, and meetings. With the integration of cutting-edge technology, such as smart LED screens, participants can engage in dynamic and immersive learning experiences. The comfortable seating arrangements further enhance productivity and encourage active participation. This well-equipped conference room demonstrates our commitment to fostering an innovative and conducive space for academic and professional interactions within our institute.





Library

The University has a well-equipped Library. It is based on the concept of independent resource-based learning that provides books, periodicals, digital databases, and manuscripts. The University also has audio-visual facilities in the library. For students who are preparing to write dissertations or conduct research for higher degrees, the centre guides in using library and internet resources.



Medical Facility/ Polyclinic

We are proud to have a fully-equipped medical facility on campus, tailored to meet the healthcare requirements of our students, faculty, and staff. Our polyclinic is staffed by skilled medical experts who deliver quality healthcare services, including general check-ups, preventive care, and treatments. With a well-stocked pharmacy, our medical facility ensures swift and effective medical attention, contributing to the overall health and welfare of our institute and the community.





Mosque

The on-campus mosque can accommodate up to 500 students. It is a sacred space meticulously designed to provide a peaceful and reverent atmosphere for prayers and spiritual reflection. The mosque is adorned with beautiful calligraphy and intricate artwork, enhancing the serene ambience. With separate areas for both male and female students, the mosque offers an inclusive and respectful environment for worship. Friday prayers are arranged on the campus.



Cafeteria

Managing an extensive menu, we cater to a wide range of tastes and preferences. Enjoy a variety of delicious meals prepared with care. From hearty comfort food to lighter options, there's something for everyone.





Sports Complex

A state-of-the-art sports complex has been designed to provide ample space for a variety of sports activities. The complex features dedicated areas for Futsal with Flood-lit lamps to be played at nighttime, along with International Quality Volleyball and Basketball courts. Exclusive cricket pitches and Badminton courts. Our sports complex is a vibrant hub that promotes physical fitness, teamwork, and healthy competition, contributing to the overall well-being of the students.



Transport Facility

The campus offers convenient third-party transportation services for students from twin cities and adjoining areas.





Hostels in Close Proximity

Facilitation in arranging exclusive hostels for boys and separately for girls situated within a convenient 2-4km vicinity, fostering a friendly and accessible accommodation zone for students relocating from different cities. Pick and drop facility available at designated hostels through third-party transport providers.







CLUBS AND ACTIVITIES



Dramatics Club

The Dramatic Club provides a platform for students to express their creativity, develop their theatrical skills, and engage with the performing arts. It allows students to explore various roles within the world of theatre and nurtures a love for dramatic arts. The achievements of the Dramatic Club in winning awards reflect the dedication, talent, and hard work of its members. It brings recognition, motivates, and inspires other students, and opens doors for future collaborations and opportunities.



SofTech Club

SOFTECH Club is a vibrant society that aims to empower and support students interested in various tech communities and activities, such as Google Developer Student Club, Microsoft Learn Student Ambassador, GitHub Campus Expert, and programming competitions. The club fosters a community of like-minded individuals who are passionate about technology and its positive impact on society. Through engaging activities, knowledge-sharing sessions, and collaborative projects, we strive to create a transformative and inclusive environment for students to develop their skills, network with industry professionals, and make a difference in the tech community.





Adventure Club

The Adventure Club is dedicated to promoting outdoor activities, exploration, and adventure among the university's students. Adventure Club typically organizes and participates in a wide range of adventurous activities, fostering personal growth, teamwork, and a spirit of adventure.



Music Club

The Music Club is dedicated to promoting and encouraging musical talent and appreciation within the university community. The club provides a platform for students who are passionate about music, whether it be singing, playing instruments, songwriting, or music production.





Debate Club

The Debate Club offers a platform for students to develop their debating skills, engage in intellectual discussions, and enhance their ability to express their opinions effectively. It fosters critical thinking, public speaking, and research skills among its members.



Wellness Club

The Wellness Club is a thriving society dedicated to promoting holistic well-being among students. The club focuses on creating a nurturing environment where students can prioritize their mental, physical, and emotional health. Collaborative projects and group activities allow members to connect and build a strong sense of community. From group workouts and hiking trips to healthy cooking classes and wellness fairs, opportunities are created for students to engage in fun and fulfilling activities that promote a balanced and healthy lifestyle.





ECO Club

The ECO (Environmental) Club is a student body committed to advancing environmental awareness, sustainability, and conservation. Their activities encompass workshops, seminars, and campaigns addressing issues like climate change, pollution, and deforestation. They engage in tree plantation projects, clean-up initiatives, recycling programs, and nature excursions to promote greener practices and a profound connection to nature among members.



Media Club

The Media Club is dedicated to nurturing media skills, fostering creativity, and providing a platform for self-expression. Their activities encompass film screenings, photography showcases, skill workshops, collaborative content creation, guest speaker sessions, media competitions, and awareness campaigns. Through these endeavors, the club engages members in diverse media forms and encourages learning, innovation, and meaningful communication.



**Join us
For a
SUCCESSFUL
CAREER AHEAD**





POLICIES

ADMISSION POLICY

Admissions are offered on merit to the candidates irrespective of nationality, gender, ethnic background, creed, socio-economic status, or any other factor. All applicants must go through the entry test and interview process to show their potential for completing their respective programmes. An applicant having a foreign qualification is required to provide the equivalence certificate/letter issued by the Inter Board Committee of Chairmen or the Higher Education Commission of Pakistan.

For graduate applicants, if division and CGPA both are mentioned on the Degree/Transcript, only CGPA will be considered as a criterion for the purpose of admission. All PhD admissions recommended by the admissions committee will be subject to the approval of the BASAR of Iqra University.

Provisional Admission

A candidate waiting for his/her result may apply for admission and appear in the admission test and interview. However, if selected, he/she will be granted provisional admission. Such a candidate must meet the university admission eligibility requirements within the first semester and must submit the document at the earliest in the same semester. If the candidate fails to score the required marks/CGPA, he/she will not be allowed to take classes, and the admission will be cancelled with immediate effect.

CREDIT HOURS TRANSFER POLICY

Inter Campus Transfer (IU)

Students at Iqra University coming from a different campus are required to get Clearance Letter and NOC from the respective campus and apply for a Transfer of Credits to the H-9 campus. All the credit earned/passed courses of a student from the other campus are accepted in the programme applied for.

Credit Transfer Policy (External)

Credit for coursework completed at another institution of higher learning is made solely at the discretion of Iqra University. The evaluation of any

coursework from another institution or organization will be based only on an official transcript and compatibility of the course syllabus from the institution originally offering the coursework. The following policies apply to all transfer students:

- Credit is not given for grades lower than a C+ or below 67% in the Undergraduate programme and lower than B in the Master's programme.
- Prospective transfer students must complete Iqra University's entrance requirements.
- Grades from other institutions are not included in the calculation of Iqra University's grade point average.
- Remedial, vocational, technical, highly specialized, and personal development courses are not accepted for credit.
- All transfer courses from Polytechnic Institutions and foreign community colleges will be reviewed individually by the Head of the Department.
- For Transfer students, a maximum of 50% of coursework can be transferred.
- Specialization courses at the Graduate level are not transferable to Iqra University.
- Some academic programmes have additional requirements for transfer students beyond general university policy. Students are advised to check with the Head of Departments to determine the acceptability of credit from other institutions. The Head of the Department determines the applicability of transfer credit to a student's academic curriculum.

Admissions Test

To be eligible for admission:

- Applicants for Bachelor Programmes must take the university entrance test.
- Applicants with acceptable SAT, NTS-NAT, MCAT, GAT

General & GAT Subject scores will be exempted from the entrance test. BFD and BTD applicants must appear in the Drawing & Sketching test.

- The admission test will be conducted on the computer and will consist of one hundred MCQs of a two-hour duration. In addition, all Master's & PhD candidates will have to appear in the interviews.

Following is the detailed breakup of the entrance test:

| | | |
|---|--|-----|
| Undergraduate Programmes | Mathematics | 30% |
| | English | 40% |
| | Analytical | 30% |
| BFD + BTD Programmes | Drawing & Sketching test | 30% |
| | English | 40% |
| | Analytical | 30% |
| Pharmacy (Pharm-D) | English | 25% |
| | Chemistry | 25% |
| | Biology | 25% |
| | Physics | 25% |
| MBA (Can either give GAT general (NTS) or the University Internal GAT Test) | Verbal Reasoning | 35% |
| | Quantitative Reasoning | 35% |
| | Analytical Reasoning | 30% |
| PhD. (Can either give GAT subject or the University Test) | Percentage divided amongst the core areas of each subject (total 100%) | |

Eligibility Criteria

Each Academic Department has its eligibility criteria which varies depending on the programme and department. We evaluate factors such as educational background, grades, and specific prerequisites to determine eligibility for each programme. Below, you will find a comprehensive list of programmes offered at Iqra University Islamabad Campus along with their respective admission criteria.

Scan the QR code for the eligibility criteria for each programme.



Admission Fee

In addition to the semester fee, the students are also required to pay Rs 10,000/- as the Admission Fee, Rs. 1250/- Student Fund, Rs. 950/- Library Fee, Rs. 1000/- Registration Fee, Rs. 970/- Technology Fee, Rs. 850/- Sports Fee and Rs. 500/- Misc. Fee at the time of admission. The amount is non-refundable.

Fee Adjustments

Tuition fees can be adjusted under the following conditions:

- If a course is cancelled and an alternative course is not offered.
- If the student drops the course within the designated timeframe.
- If the student freezes the semester according to the prescribed dates on the academic calendar of the university.

ACADEMIC POLICY

Attendance Policy

- Attendance in person at all prescribed and elective lectures and seminars is mandatory. A maximum of 20% absences are allowed in a subject to cater for emergencies, sickness etc. There is no provision of leaves more than the allowance mentioned above. 20% or more absences in a subject will result in an 'F' grade in that subject. Any student who fails to comply with the rules forfeits the right to appear at the examination in the course concerned. Such a situation shall earn the student an 'F' (failure) in the course.
- The students who join the semester late because of any reason shall be marked absent for the previous classes. In case more than 20% of the sessions have been completed by the faculty the student shall earn an 'F' Grade.
- In addition to punctuality and meeting the prescribed attendance requirements, each student is required to actively participate in class and complete their assignments on time.

Semester System

The University follows the semester system. There are two regular semesters, Fall and Spring. The summer semester is optional. A credit hour system is followed in all degree programmes. For theory courses, one credit hour is equivalent to one contact hour per week and for lab-based courses, one credit hour is equivalent to three contact hours of practical work per week.

Student Evaluation

Students are evaluated based on assignments, quizzes, class participation, reports, projects, lab work, midterm and final examinations. The percentage allocated to each component depends on the nature of the course and the instructor.

| GRADING POLICY | | | |
|----------------|------------|--------|---------------|
| Grade | Percentage | Points | Remarks |
| A | 88 - 100 | 4 | Excellent |
| B+ | 81 - 87 | 3.5 | Very Good |
| B | 74 - 80 | 3 | Good |
| C+ | 67 - 73 | 2.5 | Average |
| C | 60 - 66 | 2 | Below Average |
| F | Below 60 | 0 | Failure |
| I | | | Incomplete |
| W | | | Withdrawal |
| K | | | In Progress |

Probation & Dismissal Policy

- A student can be placed on academic probation status if his/her semester GPA falls below 2.0 in a semester. The GPA will be calculated with the F-grades included.
- If the GPA remains below 2.00 (calculated with F-Grades secured) in the second semester attended, the student will be placed on probation.
- If the semester GPA of the student remains below 2.00 for 3 consecutively attended semesters, his/her admission will be cancelled from the university.
- A student on probation will be allowed to take only 50% of the normal semester course load.
- The said student once dismissed cannot be granted admission in the same or any other programme of the university. Any student found taking admission, after dismissal, in any programme, on any campus of Iqra University, will have the admission cancelled, without any warning and with no refund of the fee.
- Any student who secures a '0' GPA in the first semester at Iqra University will not be placed on probation and his/her admission will be cancelled by the University immediately.

- A student who fails in all subjects or secures a '0' GPA in the First semester, his/her admission will be terminated without any warning or further probation.
- A student once dismissed cannot be granted admission to the same or any other programme of the University. Any student found taking admission, after dismissal, in any programme on any campus of Iqra University, will have the admission cancelled, without warning and with no refund fee.

Awarding of Degree

A student, to become eligible for an award of degree, must maintain a graduating CGPA of 2.5.

Curriculum Model

Iqra University, Islamabad Campus, offers a curriculum on par with national and international universities, facilitating up to 100% credit transfers to foreign institutions. It focuses on both core program areas and the holistic development of students through general courses. A curriculum committee, comprised of experts from global and local universities, consistently updates programs to meet international standards, introducing new courses to stay current and address student and market needs.

SCHOLARSHIP POLICY

Merit-Based Scholarships

Iqra University Islamabad Campus offers merit-based scholarships to undergraduate students, covering up to 100% of tuition fees. These scholarships are awarded based on students' academic performance in HSSC or equivalent exams. Details about program-specific scholarships are available in the provided table.

| S# | PROGRAMMES | 100% | 75% | 50% | 25% | 10% |
|----|------------|------------|-----------|-----------|-----------|-----------|
| 1 | Pharm-D | 98 & above | 95- 97.99 | 90- 94.99 | 85- 89.99 | 80- 84.99 |

| | | | | | | |
|---|---|------------|-----------|-----------|-----------|-----------|
| v | BS (DS, IR, SS, Psy, Eco & Eng) | 95 & Above | 90- 94.99 | 85- 89.99 | 80- 84.99 | 75- 79.99 |
| 3 | BS (CS, SE, AI, Acc & Fin, Media, FD and TD), BBA | 95 & Above | 87- 94.99 | 80- 86.99 | 75- 79.99 | 70- 74.99 |

Additionally, a 5% scholarship has been announced for the students hailing from Gilgit-Baltistan and Azad Jammu Kashmir who meet the required eligibility criteria for our programmes and excel in the qualifying university admission test.

Note: Merit-Based Scholarship is only applicable for the First semester. Later the student can avail Performance-Based Scholarship

Performance-Based Scholarships

Iqra University offers scholarships to students who excel in their studies each semester. Scholarship recipients are announced after the results are released. The criteria and scholarship amount are as follows:

| GPA | CGPA | Scholarship Amount |
|-------------|------------|-------------------------|
| 4 | 3.5 & more | 60% of the semester fee |
| 3.75 - 3.99 | 3.5 & more | 40% of the semester fee |
| 3.50 - 3.74 | 3.5 & more | 20% of the semester fee |

Other requirements for scholarships include a minimum semester course load of 15 credit hours for Bachelor's and 12 credit hours for Master students. In addition, there are no disciplinary proceedings pending against the student. For further details, students can contact the Student Office.

Scholarship Ceremony:

To acknowledge the efforts of the high achievers, a scholarship ceremony takes place every semester. Parents are invited and students are awarded certificates, shields and cash awards for their outstanding performance.





ACADEMIC DEPARTMENTS





DEPARTMENT OF PHARMACY AND ALLIED HEALTH SCIENCES

Department of Pharmacy and Allied Health Sciences

Department of Pharmacy and Allied Health Sciences at IQRA University, Islamabad Campus is designed to provide students, access to cutting-edge facilities and resources, as well as an innovative and student-centred curriculum that enables the growth of professional skills and behaviours such as interdisciplinary education, critical thinking, and reflection all of which are essential for a successful career. Our faculty is highly qualified and aims to equip students with the academic, professional, and personal skills necessary to produce brilliant pharmacists. This is a place where committed young people may hone their desire to innovate through tangible, real, and actionable research.

Doctor of Pharmacy (Pharm. D.)

The programme is designed for students who are passionate about pursuing a rewarding career in the field of health and pharmaceutical sciences. Whether you have a medical background or a keen interest in healthcare, our programme offers a comprehensive education that prepares you to excel in various professional roles. We are committed to providing high-quality education with a strong focus on practical experience and technical exposure. Our department is equipped with state-of-the-art laboratories, cutting-edge facilities, and advanced resources that are regularly updated to keep pace with international advances in pharmaceutical sciences. We strive to ensure that our students gain the necessary knowledge and skills to meet the healthcare challenges of today and tomorrow.

Curriculum

Our Pharm. D. programme consists of five years divided into ten semesters. The curriculum designed by the Pharmacy Council is set to provide a comprehensive understanding of pharmaceutical sciences, clinical skills, and drug discovery and development.

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023
Here are the details of the courses that you will study in Pharm.D.:

| Pharm.D. Five-Year Credit Hours Summary | | | |
|---|--------------|--------------|------------|
| Pharm.D. | 1st Semester | 2nd Semester | Total |
| Professional | Cr. Hr. | Cr. Hr. | Cr. Hr. |
| 1st | 22 | 20 | 42 |
| 2nd | 22 | 21 | 43 |
| 3rd | 20 | 19 | 39 |
| 4th | 19 | 19 | 38 |
| 5th (Final) | 18 | 18 | 36 |
| Total Credit Hours: | 101 | 97 | 198 |

1st Professional Pharm. D.

| SEMESTER 1 | | | SEMESTER 2 | | |
|-------------------------------|---|----------|-------------------------------|---|---------|
| Course No. | Subject | Cr. Hr. | Course No. | Subject | Cr. Hr. |
| ENG 300 | English-A (Functional English) | 2 3+1 | ENG 301 | English-B (Communication & Writing skills) Pharmaceutics-IB (Physical Pharmacy) | 4 |
| PD 310 | Pharmaceutics-IA (Physical Pharmacy) | 3+1 | PD 315 | Pharmaceutical Chemistry-IB (Organic) | 3+1 |
| PD 311 | Pharmaceutical Chemistry-IA (Organic) | 3+1 | PD 316 | | 3+1 |
| PD 312 | Pharmaceutical Chemistry-IIA (Biochemistry) | 3+1 | PD 317 | Pharmaceutical Chemistry- IIB | 3+1 |
| PD 313 | Physiology-A | 3+1 | PD 318 | (Biochemistry) Physiology-B | 3+1 |
| PD 314 | Anatomy & Histology | | | | |
| Total Credit Hours: 22 | | | Total Credit Hours: 20 | | |

2nd Professional Pharm. D

| SEMESTER 1 | | | SEMESTER 2 | | |
|-------------------------------|---|----------|-------------------------------|--|---------|
| Course No. | Subject | Cr. Hr. | Course No. | Subject | Cr. Hr. |
| IS 402 | Islamic Studies | 3 3+1 | PS 403 | Pakistan Studies | 2 |
| PHARM 410 | Pharmaceutics-IIA (Dosage Forms Science) Pharmaceutics-III A | 3+1 | PHARM 415 | Pharmaceutics-IIB (Dosage Forms Science) Pharmaceutics-III B (Pharmaceutical Microbiology & Immunology) | 3+1 |
| PHARM 411 | (Pharmaceutical Microbiology & Immunology) Pharmacology and Therapeutics-IA | 3+1 | PHARM 416 | | 3+1 |
| PHARM 412 | Pharmacognosy-IA | 3+1 | PHARM 417 | Pharmacology and Therapeutics-IB | 3+1 |
| PHARM 413 | Pharmacy Practice-IA | 3 | PHARM 418 | Pharmacognosy-IB (Basic) Pharmacy Practice-IB | 3+1 |
| PHARM 414 | (Pharmaceutical Mathematics) | | PHARM 419 | (Bio- statistics) | 3 |
| Total Credit Hours: 22 | | | Total Credit Hours: 20 | | |

3rd Professional Pharm. D.

| SEMESTER 1 | | | SEMESTER 2 | | |
|-------------------------------|---|---------|-------------------------------|--|---------|
| Course No. | Subject | Cr. Hr. | Course No. | Subject | Cr. Hr. |
| PHARM 510 | Pharmacy Practice-IIA (Dispensing Pharmacy) | 3+1 | PHARM 515 | Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy) | 3 |
| PHARM 511 | Pharmaceutical Chemistry-III A (Pharmaceutical Analysis) | 3+1 | PHARM 516 | Pharmaceutical Chemistry- III B (Pharmaceutical Analysis) | 3+1 |
| PHARM 512 | Pharmacology and Therapeutics-IIA | 3+1 | PHARM 517 | Pharmacology and Therapeutics-IIB | 3+1 |
| PHARM 513 | Pharmacognosy-IIA (Advanced) Pathology | 3+1 | PHARM 518 | Pharmacognosy-IIB (Advanced) Pharmacy | 3+1 |
| PHARM 514 | | 3+1 | PHARM 519 | Practice-III (Computer and its Applications in Pharmacy) | 3+1 |
| Total Credit Hours: 20 | | | Total Credit Hours: 19 | | |

4th Professional Pharm. D.

| SEMESTER 1 | | | SEMESTER 2 | | |
|-------------------------------|--|---------|-------------------------------|--|---------|
| Course No. | Subject | Cr. Hr. | Course No. | Subject | Cr. Hr. |
| PHARM 610 | Pharmacy Practice-IVA (Hospital Pharmacy) | 3 | PHARM 615 | Pharmacy Practice-IVB (Hospital Pharmacy) | 3 |
| PHARM 611 | Pharmacy Practice-VA (Clinical Pharmacy-I) | 3+1 | PHARM 616 | Pharmacy Practice-VB (Clinical Pharmacy-I) Pharmaceutics-IVB (Industrial Pharmacy) | 3+1 |
| PHARM 612 | Pharmaceutics- IVA (Industrial Pharmacy) | 3+1 | PHARM 617 | Pharmaceutics- VB (Biopharmaceutics & Pharmacokinetics) | 3+1 |
| PHARM 613 | Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics) | 3+1 | PHARM 618 | Pharmaceutics- VB (Biopharmaceutics & Pharmacokinetics) | 3+1 |
| PHARM 614 | Pharmaceutics-VIA (Pharmaceutical Quality Management) | 3+1 | PHARM 619 | Pharmaceutics-VIB (Pharmaceutical Quality Management) | 3+1 |
| Total Credit Hours: 20 | | | Total Credit Hours: 19 | | |

5th (Final) Professional Pharm. D.

| SEMESTER 1 | | | SEMESTER 2 | | |
|-------------------------------|---|---------|-------------------------------|---|---------|
| Course No. | Subject | Cr. Hr. | Course No. | Subject | Cr. Hr. |
| PHARM 710 | Pharmaceutics-VIIA (Pharmaceutical Technology) | 3+1 | PHARM 615 | Pharmaceutics- VIIB (Pharmaceutical Technology) | 3+1 |
| PHARM 711 | Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II) | 3+1 | PHARM 616 | Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II) | 3+1 |
| PHARM 712 | Pharmacy Practice-VIIA (Forensic Pharmacy) | 3 | PHARM 617 | Pharmacy Practice-VIIB (Forensic Pharmacy) | 3 |
| PHARM 713 | Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing) | 3 | PHARM 618 | Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing) | 3 |
| PHARM 714 | Pharmaceutical Chemistry-IVA (Medicinal Chemistry) | 3+1 | PHARM 619 | Pharmaceutical Chemistry- IVB (Medicinal Chemistry) | 3+1 |
| Total Credit Hours: 20 | | | Total Credit Hours: 19 | | |

Programme Objectives and Outcomes

Our innovative and student-centred curriculum is designed to nurture professional skills and behaviours essential for healthcare practitioners. By enrolling in our Pharm. D. programme, you will develop interdisciplinary education, critical thinking abilities, and a reflective approach to patient care. Our programme aims to achieve the following objectives:

- Develop a solid understanding of pharmaceutical sciences, including pharmacology, pharmacokinetics, medicinal chemistry, and therapeutics, to make informed decisions in patient care.
- Cultivate clinical skills necessary for assessing and evaluating patient medication therapy, identifying, and resolving drug-related problems, and designing individualized therapeutic plans.
- Foster effective communication and collaboration skills with other healthcare professionals, promoting inter-professional teamwork and optimizing patient outcomes.
- Instil a strong sense of professional ethics, social responsibility, and commitment to patient welfare, emphasizing patient confidentiality, adherence to legal and regulatory frameworks, and evidence-based practice.
- Cultivate research and critical thinking skills, enabling students to evaluate scientific literature, conduct research, and contribute to advancements in pharmacy practice and pharmaceutical sciences.

Career Opportunities

Upon completion of the Pharm. D. programme, you will have a wide range of career opportunities available to you. Some of the potential career paths include:

- Pharmaceutical care in health systems as Hospital Pharmacists, Clinical Pharmacists, ensure the appropriate use of medicine and patient safety.
- Government jobs as Drug Inspector, Deputy Drug Controller, Drug Controller, and Drug Analysts.
- Managers in production, procurement, distribution, quality control, and quality assurance in pharmaceutical, herbal, and nutraceutical industries.
- Marketing, sales, community, and retail pharmacists, serving patients and communities directly.
- Drug regulatory affairs and advisory services to pharmaceutical industries.
- Employment with organizations such as the World Health Organization (WHO) and renowned Non-Governmental Organizations (NGOs) to contribute to public health initiatives.
- Forensic Science Agencies, specializing in forensic pharmacy and drug analysis.
- Academia, pursuing teaching and research positions.
- Research and development in the pharmaceutical industry, contributing to scientific advancements and innovation.

Programme Facilities and Resources

We take pride in our well-equipped laboratories and facilities that provide an ideal environment for practical training and research. Equipped with the latest technology, advanced equipment, and modern resources, students engage in hands-on exploration, conducting research experiments, formulating drugs, and analyzing their efficacy. Our facilities include:

- Pharmaceutics Lab
- Pharmaceutical Microbiology Lab
- Basic Medical Sciences Lab
- Pharmaceutical Chemistry Lab
- Pharmacognosy Lab
- Instrumentation and Quality Control Lab.
- Computer Lab

Admission Requirements

For the Pharm. D. programme, students must meet the following requirements:

- FSc / A Levels / Equivalent (including Physics, Chemistry, Biology) with at least 60% marks as certified by IBCC

Each Academic Department has its own eligibility criteria which varies depending on the programme and department. Scan the QR code for the eligibility criteria for each programme.



Collaborations & Partnerships

We have established collaborations and partnerships with renowned institutions and organizations, providing research and internship opportunities for our students. These include Railway Hospital Rawalpindi, Hussain Lakhani International Hospital Rawalpindi, Chughtai Labs, and the Regional Blood Centre.



DEPARTMENT FACULTY



DR. KISHWAR SULTANA
Head of Department
Professor

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Riphah International University, Islamabad, Pakistan

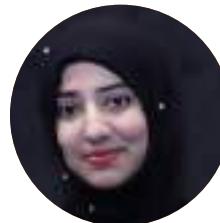
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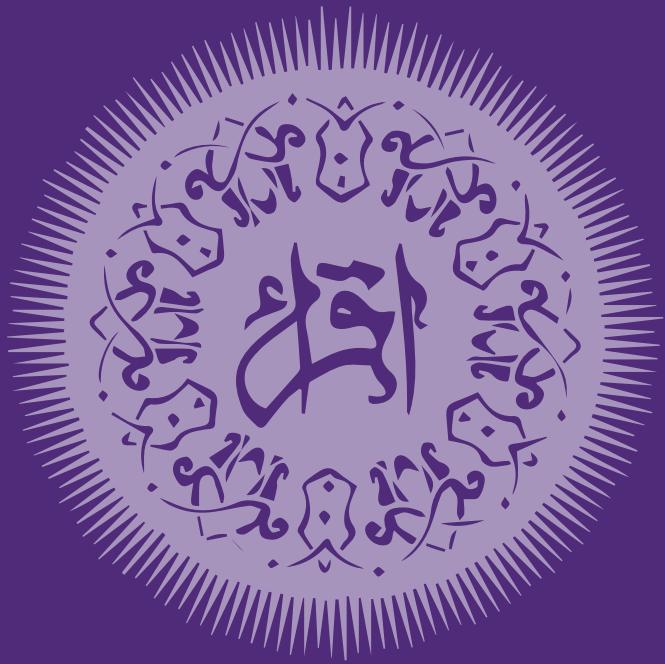


MR. MUHAMMAD ADEEL AFZAL
Lecturer

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Pharm-D
Quaid-i-Azam University, Islamabad, Pakistan







DEPARTMENT OF COMPUTING & TECHNOLOGY

Department of Computing & Technology

The Department of Computing and Technology at IQRA University, Islamabad Campus offers undergraduate programmes in Computer Science, Software Engineering, and Artificial Intelligence and a student-centred curriculum that emphasizes interdisciplinary education, critical thinking, and practical skills. Under the mentorship of esteemed PhD faculty, students engage in real-world research, pushing the boundaries of innovation.

For postgraduate studies, we offer an MS in Computer Science and Software Engineering, as well as a PhD in Computer Science. Our state-of-the-art laboratories provide hands-on technical exposure and ensure students stay at the forefront of the latest advancements in computing and technology. Join our community of dedicated individuals and embark on a transformative educational journey and be part of shaping the future in this ever-evolving field.

Bachelor of Science in Computer Science

The BS (Computer Science) programme offered by the department, emphasizes the core areas of Computer Science with a major focus on subjects relevant to Object Oriented Programming, Cloud Computing, Machine Learning, Mobile Application Development, Database Management Systems, Software Engineering and Computer Networks.

The curriculum is designed to provide the students with a solid foundation of basic principles along with analytical techniques and design procedures. It has a strong design component that builds its ability to bring theoretical ideas into practical shape. The programme has been developed in consultation with field experts to maintain teaching quality and relevance. In addition to the academic content, emphasis is given to the development of personal, managerial and presentation skills.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Bachelor Of Science in Computer Science | 137 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course(s) Code | Course(s) Title | Credit Hours |
|------------------------------------|--|-----------------|
| SEMESTER I | | |
| CSC101 | Applied Physics | 3 + 1 |
| CSC111 | Introduction to Information and Communication Technology | 3 + 1 |
| CSC102 | Calculus and Analytical Geometry | 3 + 0 |
| HUM111 | Functional English | 3 + 0 |
| HMT121 | Islamic Studies | 2 + 0 |
| HMT122 | Pakistan Studies | 2 + 0 |
| Total Semester Credit Hours | | (16 + 2) |
| SEMESTER 2 | | |
| CSC121 | Digital Logic Design | 3 + 1 |
| HUM231 | Communication Skills | 3 + 0 |
| CSC131 | Programming Fundamentals | 3 + 1 |
| CSC103 | Multivariate Calculus | 3 + 0 |
| HUM112 | Personal Development | 3 + 0 |
| Total Semester Credit Hours | | (15 + 2) |
| SEMESTER 3 | | |
| CSC221 | Computer Organization & Assembly Language | 3 + 1 |
| CSC231 | Object Oriented Programming | 3 + 1 |
| BUS231 | Financial Accounting Principles | 3 + 0 |

| | | |
|--------|---|-----------------|
| HUM233 | Philosophy and Critical Thinking | 3 + 0 |
| CSC201 | Linear Algebra and Differential Equations | 3 + 0 |
| | Total Semester Credit Hours | (15 + 2) |

SEMESTER 4

| | | |
|--------|------------------------------------|-----------------|
| CSC222 | Operating Systems | 3 + 1 |
| CSC232 | Data Structures & Algorithms | 3 + 1 |
| CSC241 | Discrete Structures | 3 + 0 |
| CSC202 | Probability and Statistics | 3 + 0 |
| SSC231 | World History | 3 + 0 |
| HUM113 | Sociology | 3 + 0 |
| | Total Semester Credit Hours | (18 + 2) |

SEMESTER 5

| | | |
|--------|--|-----------------|
| CSC331 | Database Management Systems | 3 + 1 |
| CSC332 | Design and Analysis of Algorithms | 3 + 0 |
| CSC341 | Theory of Automata | 3 + 0 |
| HUM241 | World Literature | 3 + 0 |
| CSC361 | Data Communication and Computer Networks | 3 + 1 |
| CSC333 | Introduction to Python | 0 + 1 |
| | Total Semester Credit Hours | (15 + 3) |

SEMESTER 6

| | | |
|--------|---------------------------------|-------|
| CSC342 | Compiler Construction | 3 + 0 |
| CSC351 | Software Engineering | 3 + 0 |
| HUM121 | Academic & Professional Writing | 3 + 0 |
| CSCXXX | Elective I | 3 + 1 |

| | | |
|--------|------------------------------------|-----------------|
| CSCXXX | Elective II | 3 + 0 |
| | Total Semester Credit Hours | (15 + 1) |

SEMESTER 7

| | | |
|--------|------------------------------------|--------------------|
| CSC441 | Final Year Project – I | 0 + 3 |
| CSC471 | Artificial Intelligence | 3 + 1 |
| CSCXXX | Elective III | 3 + X |
| CSC321 | Embedded Systems | 3 + 1 |
| CSC431 | Parallel and Distributed Computing | 3 + 0 |
| | Total Semester Credit Hours | (12+ 5 + X) |

SEMESTER 8

| | | |
|--------|------------------------------------|---------------------|
| CSCXXX | Elective IV | 3 + X |
| CSCXXX | Elective V | 3 + X |
| CSC442 | Final Year Project – II | 0 + 3 |
| CSC412 | Information Security | 3 + 0 |
| HUM232 | Ethics & Social Responsibility | 3 + 0 |
| | Total Semester Credit Hours | (12 + 3 + X) |

Bachelor of Science in Computer Science (2.5yrs)

The curriculum of Bachelor of Science in Computer Science (BSCS) 2.5 years includes courses in computer programming, mathematical foundations of computer science, automata theory, algorithms, complexity theory, computer architecture, artificial intelligence, computer networks, databases, software engineering and other applications. Our well-designed undergraduate, graduate, and doctoral programmes prepare our students for defining careers in IT sectors, governmental sectors, law, corporate organizations, or academia.

Curriculum

| PROGRAMME | CR HRS |
|--|---------|
| Bachelor Of Science in Computer Science (2.5yrs) | 75 - 83 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

- For students who have studied Computer Science in their degree (but not Physics), following deficiency courses are recommended:

| Course(s) Code | Course Title | Credit Hours |
|----------------|---|--------------|
| CSC101 | Applied Physics | 4 |
| CSC121 | Digital Logic Design | 4 |
| CSC221 | Computer Organization & Assembly Language | 4 |
| CSC231 | Object Oriented Programming | 4 |
| CSC222 | Operating Systems | 4 |
| CSC232 | Data Structures | 4 |
| Total | | 24 |

- For students who have studied Physics in their degree (but not Computer Science), following deficiency courses are recommended:

| Course(s) Code | Course Title | Credit Hours |
|----------------|--|--------------|
| CSC111 | Introduction to Information and Communication Technology | 4 |
| CSC121 | Digital Logic Design | 4 |

| | | |
|--------------|---|-----------|
| CSC131 | Programming Fundamentals | 4 |
| CSC221 | Computer Organization & Assembly Language | 4 |
| CSC231 | Object Oriented Programming | 4 |
| CSC222 | Operating Systems | 4 |
| CSC232 | Data Structures | 4 |
| Total | | 28 |

- For students who have studied both Computer Science and Physics in their degree, following deficiency courses are recommended:

| Course(s) Code) | Course Title | Credit Hours |
|-----------------|---|--------------|
| CSC121 | Digital Logic Design | 4 |
| CSC221 | Computer Organization & Assembly Language | 4 |
| CSC231 | Object Oriented Programming | 4 |
| CSC222 | Operating Systems | 4 |
| CSC232 | Data Structures | 4 |
| Total | | 20 |

Following Computer Sciences courses are recommended after completion of deficiency courses:

| Course Code | Course Title | Credit Hours |
|-------------|-----------------------------------|--------------|
| CSC331 | Database management Systems | 4 |
| CSC332 | Design and Analysis of Algorithms | 3 |
| CSC341 | Theory of Automata | 3 |
| CSC361 | Data Communication and Networks | 4 |

| | | |
|--------------|------------------------------------|-----------|
| CSC351 | Software Engineering | 3 |
| CSC471 | Artificial Intelligence | 4 |
| CSC342 | Compiler Construction | 3 |
| CSC431 | Parallel and Distributed Computing | 3 |
| CSC412 | Information Security | 3 |
| CSC337 | Web Programming Languages | 4 |
| | Elective- I | 3 |
| | Elective- II | 3 |
| | Elective- III | 3 |
| | Elective- IV | 3 |
| | Elective- V | 3 |
| CSC441 | Final Year Project-I | 3 |
| CSC442 | Final Year Project-II | 3 |
| Total | | 55 |

Elective Courses

| Course Code | Course(s) Title | Credit Hours |
|-------------|--------------------------------------|--------------|
| CSC336 | Advanced Database Management Systems | 3 + 0 |
| CSC371 | Digital Image Manipulation | 3 + 0 |
| CSC311 | E-Business | 3 + 0 |
| CSC337 | Web Programming Languages | 3 + 1 |
| CSC372 | Digital Image Processing + Lab | 3 + 1 |
| CSC338 | Visual Programming Languages + Lab | 3 + 1 |
| CSC443 | Simulation & Modelling | 3 + 0 |

| | | |
|--------|---|-------|
| SEN358 | Software Construction | 3 + 0 |
| SEN356 | Software Requirement Engineering | 3 + 0 |
| CSC322 | Robotics Programming + Lab | 3 + 1 |
| CSC362 | Network Performance Management | 3 + 0 |
| CSC363 | Network Security | 3 + 0 |
| CSC435 | Mobile Application Development | 3 + 0 |
| SEN357 | Software Evolution & Maintenance | 3 + 0 |
| CSC373 | Computational Intelligence | 3 + 0 |
| CSC381 | Computer Graphics & Animation + Lab | 3 + 1 |
| CSC436 | Data Warehousing & Data Mining | 3 + 0 |
| CSC454 | Enterprise Resource Planning | 3 + 0 |
| CSC474 | Expert Systems | 3 + 0 |
| SEN455 | Software Quality Assurance | 3 + 0 |
| SEN456 | Enterprise Software Architecture | 3 + 0 |
| CSC475 | Computer Vision | 3 + 0 |
| CSC463 | Routing & Switching + Lab | 3 + 1 |
| CSC464 | Wireless Communication + Lab | 3 + 1 |
| CSC465 | Virtualization & Cloud Computing | 3 + 0 |
| CSC482 | 3D Modelling and Game Development + Lab | 3 + 1 |
| CSC466 | Intranet Development | 3 + 0 |
| CSC312 | Information System Audit | 3 + 0 |
| CSC476 | Artificial Neural Networks | 3 + 0 |
| CSC477 | Data Science | 3 + 0 |
| CSC478 | Deep Learning | 3 + 0 |
| SEN457 | Human Computer Interaction | 3 + 0 |

| | | |
|--------|---------------------------------|-------|
| CSC467 | Internet of Things | 3 + 0 |
| CSC468 | Software Defined Network + Lab | 3 + 1 |
| CSC469 | Wireless Communication Networks | 3 + 0 |
| CSC437 | Web Engineering + Lab | 3 + 1 |
| SEN458 | Design Patterns | 3 + 0 |
| CSC423 | FPGA Based System Design + Lab | 3 + 1 |
| CSC491 | Bioinformatics | 3 + 0 |
| CSC424 | Microprocessor Based Systems | 3+1 |
| CSC479 | Machine Learning | 3+0 |
| CSC413 | Technopreneurship | 3+0 |
| CSC445 | Optimization Techniques | 3+0 |

Bachelor of Science in Software Engineering

The programme is designed to prepare the students in the art of software making, thus producing technically adept, highly professional software engineers, architects, and researchers. In this degree, we focus on the core areas of software development methodology, software design, software architecture, and the development of different types of software.

The curriculum is designed to provide the students with a solid foundation of basic principles along with analytical techniques and design procedures. It has a strong design component that builds its ability to bring theoretical ideas into practical shape. The programme has been developed in consultation with field experts to maintain teaching quality and relevance. In addition to the academic content, emphasis is given to the development of personal, managerial and presentation skills. Customer requirement identification, specification, and analysis.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Bachelor of Science in Software Engineering | 138 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course(s) Code | Course(s) Title | Credit Hours |
|----------------|-----------------|--------------|
|----------------|-----------------|--------------|

| SEMESTER 1 | | |
|------------------------------------|--|-----------------|
| SEN101 | Applied Physics | 3 + 1 |
| SEN111 | Introduction to Information and Communication Technology | 3 + 1 |
| SEN102 | Calculus and Analytical Geometry | 3 + 0 |
| HUM111 | Functional English | 3 + 0 |
| HMT121 | Islamic Studies | 2 + 0 |
| HMT122 | Pakistan Studies | 2 + 0 |
| Total Semester Credit Hours | | (16 + 2) |

| SEMESTER 2 | | |
|------------------------------------|---|-----------------|
| BUS231 | Financial Accounting Principles | 3 + 0 |
| HUM231 | Communication Skills | 3 + 0 |
| SEN131 | Programming Fundamentals | 3 + 1 |
| SEN103 | Linear Algebra and Differential Equations | 3 + 0 |
| HUM112 | Personal Development | 3 + 0 |
| Total Semester Credit Hours | | (15 + 1) |

| SEMESTER 3 | | |
|------------------------------------|----------------------------------|-----------------|
| SEN201 | Probability and Statistics | 3 + 0 |
| SEN231 | Object Oriented Programming | 3 + 1 |
| SSC231 | World History | 3 + 0 |
| HUM233 | Philosophy and Critical Thinking | 3 + 0 |
| SEN241 | Discrete Structures | 3 + 0 |
| Total Semester Credit Hours | | (15 + 1) |

| SEMESTER 4 | | |
|------------------------------------|--------------------------------|-----------------|
| HUM241 | World Literature | 3 + 0 |
| SEN232 | Data Structures and Algorithms | 3 + 1 |
| HUM301 | Sociology | 3 + 0 |
| SEN221 | Operating Systems | 3 + 1 |
| SEN251 | Software Engineering | 3 + 0 |
| Total Semester Credit Hours | | (15 + 2) |

| SEMESTER 5 | | |
|------------------------------------|---------------------------------|---------------------|
| SEN331 | Database Management Systems | 3 + 1 |
| SEN351 | Software Construction | 3 + 0 |
| SEN352 | Human Computer Interaction | 3 + 0 |
| CSCX7X | Elective I | 3 + X |
| HUM121 | Academic & Professional Writing | 3 + 0 |
| CSC333 | Introduction to Python | 0 + 1 |
| Total Semester Credit Hours | | (15 + 2 + X) |

| SEMESTER 6 | | |
|-------------------|----------------------|-------|
| SENXXX | Elective II | 3 + X |
| SENXXX | Information Security | 3 + 0 |

| | | |
|------------------------------------|--|---------------------|
| SEN361 | Data Communication and Computer Networks | 3 + 1 |
| SEN452 | Software Requirement Engineering | 3 + 0 |
| SEN355 | Web Engineering | 3 + 1 |
| Total Semester Credit Hours | | (15 + 2 + X) |

| SEMESTER 7 | | |
|------------------------------------|---|---------------------|
| SEN451 | Final Year Project – I | 0 + 3 |
| SEN111 | Elective III | 3 + X |
| SEN452 | Software Re- Engineering | 3 + 0 |
| SEN453 | Software Quality Engineering | 3 + 0 |
| SENXXX | Software Engineering – Domain Support I | 3 + 0 |
| SENXXX | Elective IV | 3 + X |
| Total Semester Credit Hours | | (15 + 3 + X) |

| SEMESTER 8 | | |
|------------------------------------|--|---------------------|
| SEN454 | Final Year Project – II | 0 + 3 |
| SEN455 | Software Project Management | 3 + 0 |
| SEN456 | Software Design and Architecture | 3 + 0 |
| SENXXX | Elective V | 3 + X |
| SENXXX | Software Engineering – Domain Support II | 3 + 0 |
| HUM232 | Ethics & Social Responsibility | 3 + 0 |
| Total Semester Credit Hours | | (15 + 3 + X) |

Bachelor of Science in Software Engineering (2.5yrs)

The curriculum is designed to provide the students with a solid foundation of basic principles along with analytical techniques and design procedures. It has a strong design component that builds the students' ability to bring theoretical ideas into practical shape. The programme has been developed

in consultation with field experts to maintain teaching quality and relevance. In addition to the academic content, emphasis is given to the development of personal, managerial and presentation skills.

Curriculum

| PROGRAMME | CR HRS |
|--|---------|
| Bachelor of Science in Software Engineering (2.5yrs) | 75 - 83 |

- For students who have studied Computer Science in their degree (but not Physics), following deficiency courses are recommended:

| Course Code | Course Title | Cr Hrs |
|--------------|-----------------------------|-----------|
| SEN101 | Applied Physics | 4 |
| SEN231 | Object Oriented Programming | 4 |
| SEN221 | Operating Systems | 4 |
| SEN232 | Data Structures | 4 |
| SEN251 | Software Engineering | 3 |
| Total | | 19 |

- For students who have studied Physics in their degree (but not Computer Science), following deficiency courses are recommended:

| Course(s) Code | Course Title | Credit Hours |
|----------------|--|--------------|
| SENI11 | Introduction to Information and Communication Technology | 4 |
| SLN131 | Programming Fundamentals | 4 |
| SEN231 | Object Oriented Programming | 4 |

| | | |
|--------------|----------------------|-----------|
| SEN221 | Operating Systems | 4 |
| SEN232 | Data Structures | 4 |
| SEN251 | Software Engineering | 3 |
| Total | | 23 |

- For students who have studied both Computer Science and Physics in their degree, following deficiency courses are recommended:

| Course(s) Code | Course Title | Credit Hours |
|----------------|-----------------------------|--------------|
| SEN231 | Object Oriented Programming | 4 |
| SEN221 | Operating Systems | 4 |
| SEN232 | Data Structures | 4 |
| SEN251 | Software Engineering | 3 |
| Total | | 15 |

The following courses are recommended after completion of deficiency courses:

| Course Code | Course Title | Cr Hrs |
|-------------|----------------------------------|--------|
| SEN331 | Database management Systems | 4 |
| SEN351 | Software Construction | 3 |
| SEN352 | Human Computer Inter c1 | 3 |
| SEN361 | Data Communication and Networks | 4 |
| SEN354 | Software Requirement Engineering | 3 |
| SEN355 | Web Engineering | 4 |
| SEN452 | Software Re- Engineering | 3 |
| SEN453 | Software Quality Engineering | 3 |

| | | |
|--------|--|---|
| SEN455 | Software Project Management | 3 |
| SEN456 | Software Design and Architecture Elective- I | 3 |
| | Elective- I | 3 |
| | Elective- II | 3 |
| | Elective- III | 3 |
| | Elective- IV | 3 |
| | Elective- V | 3 |
| | Software Engineering-Domain Support I | 3 |
| SEN451 | Final Year Project-I | 3 |
| SEN454 | Final Year Project-II | |

Elective Courses

| Course Code | Course(s) Title | Credit Hours |
|-------------|--------------------------------------|--------------|
| CSC336 | Advanced Database Management Systems | 3 + 0 |
| CSC371 | Digital Image Manipulation | 3 + 0 |
| CSC311 | E-Business | 3 + 0 |
| CSC337 | Web Programming Languages | 3 + 1 |
| CSC372 | Digital Image Processing + Lab | 3 + 1 |
| CSC338 | Visual Programming Languages + Lab | 3 + 1 |
| SEN358 | Software Construction | 3 + 0 |
| SEN356 | Software Requirement Engineering | 3 + 0 |
| CSC322 | Robotics Programming + Lab | 3 + 1 |
| CSC362 | Network Performance Management | 3 + 0 |
| CSC363 | Network Security | 3 + 0 |

| | | |
|--------|---|-------|
| CSC435 | Mobile Application Development | 3 + 0 |
| SEN357 | Software Evolution & Maintenance | 3 + 0 |
| CSC373 | Computational Intelligence | 3 + 0 |
| CSC381 | Computer Graphics & Animation + Lab | 3 + 1 |
| CSC436 | Data Warehousing & Data Mining | 3 + 0 |
| CSC454 | Enterprise Resource Planning | 3 + 0 |
| CSC474 | Expert Systems | 3 + 0 |
| SEN455 | Software Quality Assurance | 3 + 0 |
| SEN456 | Enterprise Software Architecture | 3 + 0 |
| CSC475 | Computer Vision | 3 + 0 |
| CSC463 | Routing & Switching + Lab | 3 + 1 |
| CSC464 | Wireless Communication + Lab | 3 + 1 |
| CSC465 | Virtualization & Cloud Computing | 3 + 0 |
| CSC482 | 3D Modelling and Game Development + Lab | 3 + 1 |
| CSC466 | Intranet Development | 3 + 0 |
| CSC312 | Information System Audit | 3 + 0 |
| CSC476 | Artificial Neural Networks | 3 + 0 |
| CSC477 | Data Science | 3 + 0 |
| CSC478 | Deep Learning | 3 + 0 |
| SEN457 | Human Computer Interaction | 3 + 0 |
| CSC467 | Internet of Things | 3 + 0 |
| CSC468 | Software Defined Network + Lab | 3 + 1 |
| CSC469 | Wireless Communication Networks | 3 + 0 |
| CSC437 | Web Engineering + Lab | 3 + 1 |
| SEN458 | Design Patterns | 3 + 0 |

| | | |
|--------|----------------------------------|-------|
| CSC423 | FPGA Based System Design + Lab | 3 + 1 |
| CSC491 | Bioinformatics | 3 + 0 |
| CSC424 | Microprocessor Based Systems | 3+1 |
| CSC479 | Machine Learning | 3+0 |
| CSC413 | Technopreneurship | 3+0 |
| CSC445 | Optimization Techniques | 3+0 |
| SEN359 | Visual Software Analytics | 3+0 |
| SEN458 | Management Information Systems | 3+0 |
| SEN459 | Agent Based Software Engineering | 3+0 |

BS (Software Engineering) Domain Support Courses

| Course Code | Course(s) Title | Credit Hours |
|-------------|--|--------------|
| SEN413 | Business Process Engineering | 3 + 0 |
| SEN450 | Formal Methods in Software Engineering | 3 + 0 |
| CSC446 | Operations Research | 3 + 0 |
| CSC443 | Simulation and Modeling | 3 + 0 |
| CSC444 | Stochastic Processes | 3 + 0 |

Bachelor of Science in Artificial Intelligence

The BS in Artificial Intelligence programme equips the students with an in-depth knowledge of how to transform large and complex scenarios into actionable decisions. The programme and its curriculum focus on how complex inputs such as knowledge, vision, language, and huge databases can be used to make decisions to enhance human capabilities. The curriculum of this programme includes coursework in computing, mathematics, automated reasoning, statistics, computational modelling, introduction to classical artificial intelligence languages and case studies, knowledge representation and reasoning, artificial neural networks, vision, and symbolic computation. The programme also encourages students

to take courses in ethics and social responsibility, with the opportunity to participate in long-term projects in which artificial intelligence can be applied to solve problems that can change the world for the better in areas like agriculture, defense, healthcare, governance, transportation, e-commerce, finance, and education.

Curriculum

| PROGRAMME | CR HRS |
|--|--------|
| Bachelor of Science in Artificial Intelligence | 140 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course(s) Code (New) | Course(s) Title | Credit Hours | Pre-requisite |
|------------------------------------|--|-----------------|---------------|
| SEMESTER 1 | | | |
| CSC101 | Applied Physics | 3 + 1 | --- |
| CSC111 | Introduction to Information and Communication Technology | 3 + 1 | --- |
| CSC102 | Calculus and Analytical Geometry | 3 + 0 | --- |
| HUM111 | Functional English | 3 + 0 | --- |
| HUM122 | Islamiyat and Pakistan Studies | 3 + 0 | --- |
| Total Semester Credit Hours | | (15 + 2) | |

| | | | |
|--------|---|-------|--------|
| CSC103 | Linear Algebra and Differential Equations | 3 + 0 | CSC102 |
| HUM231 | Communication Skills | 3 + 0 | HUM111 |
| CSC131 | Programming Fundamentals | 3 + 1 | CSC111 |

| | | | |
|------------------------------------|----------------------------|-----------------|--------|
| CSC104 | Probability and Statistics | 3 + 0 | CSC104 |
| HUM112 | Personal Development | 3 + 0 | --- |
| Total Semester Credit Hours | | (15 + 1) | |

SEMESTER 3

| | | | |
|------------------------------------|----------------------------------|-----------------|--------|
| CSC221 | Operating Systems | 3 + 1 | CSC131 |
| CSC231 | Object Oriented Programming | 3 + 1 | CSC131 |
| CSC201 | Multivariate Calculus | 3 + 0 | CSC102 |
| HUM233 | Philosophy and Critical Thinking | 3 + 0 | --- |
| SSC231 | World History | 3 + 0 | HUM111 |
| Total Semester Credit Hours | | (15 + 2) | |

SEMESTER 4

| | | | |
|------------------------------------|--|-----------------|--------|
| CSC232 | Data Structures & Algorithms | 3 + 1 | CSC231 |
| CSC233 | Database Management Systems | 3 + 1 | CSC221 |
| CSC241 | Discrete Structures | 3 + 0 | CSC104 |
| AIN271 | Applied Statistics | 3 + 0 | CSC104 |
| CSC261 | Data Communication and Computer Networks | 3 + 1 | CSC221 |
| HUM113 | Sociology | 3 + 0 | --- |
| Total Semester Credit Hours | | (18 + 3) | |

| | | | |
|--------|-----------------------------------|-------|-------------------|
| AIN371 | Artificial Intelligence | 3 + 1 | AIN271, CSC232 |
| CSC331 | Design and Analysis of Algorithms | 3 + 0 | CSC232 |

SEMESTER 5

| | | | |
|--------|--------------------------------------|-------|-------------------|
| AIN372 | Continuous and Discrete Optimization | 3 + 1 | CSC201, CSC231 |
| HUM241 | World Literature | 3 + 0 | HUM111 |

| | | | |
|------------------------------------|----------------------|-----------------|--------|
| CSC351 | Software Engineering | 3 + 0 | CSC231 |
| Total Semester Credit Hours | | (15 + 2) | |

SEMESTER 6

| | | | |
|--------|--------------------------------------|-------|------------------------------|
| AIN373 | Machine Learning | 3 + 1 | AIN371, AIN372 |
| AIN374 | Artificial Intelligence for Robotics | 3 + 1 | AIN371 |
| HUM121 | Academic Writing | 3 + 0 | HUM111 |
| AIN375 | Data Visualization | 3 + 1 | CSC231, AIN271 |
| CSC332 | Parallel and Distributed Computing | 3 + 1 | CSC221, CSC231, CSC261 |

| | | | |
|------------------------------------|-----------------|--|--|
| Total Semester Credit Hours | (15 + 4) | | |
|------------------------------------|-----------------|--|--|

SEMESTER 7

| | | | |
|------------------------------------|-----------------------------|-----------------|--------|
| CSC441 | Final Year Project – I | 0 + 3 | CSC351 |
| AIN471 | Logic & Automated Reasoning | 3 + 0 | AIN371 |
| | Elective I | 3 + 0 | |
| AIN472 | Deep Learning | 3 + 1 | AIN373 |
| | Elective II | 3 + 0 | |
| Total Semester Credit Hours | | (12 + 4) | |

SEMESTER 8

| | | | |
|------------------------------------|--------------------------------|-----------------|--------|
| | Elective III | 3 + 0 | |
| CSC473 | Computer Vision | 3 + 1 | AIN472 |
| CSC442 | Final Year Project – II | 0 + 3 | CSC441 |
| CSC474 | Natural Language Processing | 3 + 1 | AIN472 |
| HUM232 | Ethics & Social Responsibility | 3 + 0 | --- |
| Total Semester Credit Hours | | (12 + 5) | |

Associate Degree Programme (AI)

Artificial intelligence tools are becoming an inextricable part of our life. Whether it is instructing digital personal assistants, or something extraordinary like designing self-driving cars, Artificial intelligence is a unique, multidisciplinary field. ADP (AI) programme will give you the skills to combine computing techniques and the psychology of human learning processes with new innovations in artificial intelligence to apply computing in challenging applications. Knowledge of UI/UX, machine learning, robotics, software and app development, and speech and image processing will make our students perfect candidates to join international leaders in Artificial Intelligence technology. Professionals in this field may work in the capacity of Business Intelligence Developer, AI Engineer, Machine Learning Engineer, Robotic Scientist, and Research Scientist.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Associate Degree Programme- AI (2 yrs.) | 72 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course(s) Code | Course(s) Title | Credit Hours |
|------------------------------------|--|---------------|
| SEMETER 1 | | |
| CSC1XX | Introduction to Information & Communication Technology | 3 + 1 |
| CSC1XX | Programming Fundamentals | 3 + 1 |
| CSC1XX | Applied Physics | 3 + 1 |
| CSC1XX | Calculus and Analytical Geometry | 3 + 0 |
| HUM1XX | Functional English | 3 + 0 |
| Total Semester Credit Hours | | 15 + 3 |

SEMETER 2

| | | |
|------------------------------------|---------------------------------------|---------------|
| CSC1XX | Object Oriented Programming | 3 + 1 |
| CSC1XX | Linear Algebra& Differential Equation | 3 + 0 |
| HUM1XX | Communication Skills | 3 + 0 |
| HMT1XX | Islamic Studies | 3 + 0 |
| HMT1XX | Pakistan Studies | 3 + 0 |
| CSC1XX | Probability & Statistics | 3 + 0 |
| Total Semester Credit Hours | | 18 + 1 |

SEMETER 3

| | | |
|------------------------------------|---|---------------|
| CSC2XX | Artificial Intelligence | 3 + 1 |
| CSC2XX | Data Structures & Algorithms | 3 + 1 |
| HUM2XX | Academic & Professional Writing | 3 + 0 |
| CSC2XX | Databases Management System (SQL & NoSQL) | 3 + 1 |
| HUM2XX | Ethics & Social Responsibility | 3 + 0 |
| Total Semester Credit Hours | | 15 + 3 |

SEMETER 4

| | | |
|------------------------------------|--|---------------|
| CSC2XX | Knowledge Representation and Problem Solving | 3 + 0 |
| CSC2XX | Machine Learning | 3 + 1 |
| HUM2XX | Philosophy and Critical Thinking | 3 + 0 |
| HUM2XX | Sociology | 3 + 0 |
| CSC2XX | Web Programming Languages | 3 + 1 |
| CSC2XX | Internship (Mandatory - 03 Months) | Pass/ Fail |
| Total Semester Credit Hours | | 15 + 2 |

Elective Courses

| Course Code | Course(s) Title | Credit Hours |
|-------------|--------------------------------|--------------|
| AINX7X | Security Analytics | 3 + 0 |
| AINX7X | Reinforcement Learning | 3 + 0 |
| AINX7X | Image Processing & Analysis | 3 + 0 |
| AINX7X | Probabilistic Graphical Models | 3 + 0 |
| AINX7X | High-Performance Computing | 3 + 0 |
| AINX7X | Big Data Analytics | 3 + 0 |
| AINX7X | Social Media Mining | 3 + 0 |
| AINX7X | Metaheuristic Optimization | 3 + 0 |
| AINX7X | Security & Privacy | 3 + 0 |

Master of Science in Computer Science

The Master of Science (Computer Science) programme provides students with advanced knowledge and skills in computer science. The programme is designed to help students develop expertise in various areas of computer science such as algorithms, database systems, artificial intelligence, computer networks, and software engineering. The MS(CS) programme is taught by experienced faculty members who are experts in their fields and who use the latest teaching methodologies to deliver the course content. The programme includes a range of courses that cover topics such as advanced algorithms, computer graphics, data mining, distributed systems, and software engineering.

Curriculum

| PROGRAMME | CR HRS |
|---------------------------------------|--------|
| Master of Science in Computer Science | 33 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| S.No | Code | Title | Cr Hrs |
|---------------------------------------|-----------------|--|-----------|
| SEMESTER 1 | | | |
| 1 | CSC504 | Advanced Computer Architecture | 3 |
| 2 | CSC501 | Advanced Design and Analysis of Algorithms | 3 |
| 3 | CSC505 | Advanced Operating Systems | 3 |
| Total Semester Credit Hours | | | 9 |
| SEMESTER 2 | | | |
| 4 | CSC507 | Research Design and Inferential Analysis | 3 |
| 5 | CSC508 / CSC506 | Advanced Theory of Computation / Theory of Programming Languages | 3 |
| 6 | CSC5XX | Elective-I | 3 |
| Total Semester Credit Hours | | | 9 |
| SEMESTER 3 | | | |
| 7 | CSC5XX | Elective-II | 3 |
| 8 | CSC5XX | Elective-III | 3 |
| 9 | CSC599 | Thesis-I / Elective V | 3 |
| Total Semester Credit Hours | | | 9 |
| SEMESTER 4 | | | |
| 10 | CSC5XX | Elective-IV | 3 |
| 11 | CSC599 | Thesis-II / Elective VI | 3 |
| Total Semester Credit Hours | | | 6 |
| Minimum Programme Credit Hours | | | 33 |

Core Courses

| S.No | Code | Course Title | Cr Hrs |
|------|-----------------|--|--------|
| 1 | CSC504 | Advanced Computer Architecture | 3 |
| 2 | CSC501 | Advanced Design and Analysis of Algorithms | 3 |
| 3 | CSC505 | Advanced Operating Systems | 3 |
| 4 | CSC507 | Research Design and Inferential Analysis | 3 |
| 5 | CSC508 / CSC506 | Advanced Theory of Computation / Theory of Programming Languages | 3 |

Elective Courses

| S. No | Code | Course Title | Cr Hrs |
|-------|--------|---|--------|
| 1 | CSC604 | Advanced Database Management Systems | 3 |
| 2 | CSC610 | Networks Performance & Quality of Service | 3 |
| 3 | CSC611 | Enterprise Voice Over IP | 3 |
| 4 | CSC701 | Object Oriented Analysis and Design | 3 |
| 5 | CSC702 | Advanced Broad Band Communications | 3 |
| 6 | CSC703 | Adv. Software Assessment Methodologies | 3 |
| 7 | CSC704 | Wireless Technologies | 3 |
| 8 | CSC705 | Network Security and Audit | 3 |
| 9 | CSC706 | Advanced Digital Signal Processing | 3 |
| 10 | CSC707 | Robotics and Automation System | 3 |
| 11 | CSC708 | Applied Neural Networks | 3 |
| 12 | CSC709 | Control Systems | 3 |
| 13 | CSC710 | Expert Systems | 3 |

| | | | |
|----|--------|---|---|
| 14 | CSC711 | Artificial Intelligence and Neural Networks | 3 |
| 15 | CSC712 | Advanced Digital Image Processing | 3 |
| 16 | CSC713 | Computer Graphics and Animation | 3 |
| 17 | CSC714 | Advanced Simulation Methodologies and Application | 3 |
| 18 | CSC715 | Advanced Computer Vision | 3 |
| 19 | CSC716 | Virtual Reality | 3 |
| 20 | CSC717 | Advance Data Warehousing and Mining | 3 |
| 21 | CSC718 | Object Oriented Databases | 3 |
| 22 | CSC719 | Advanced Business Process Re-engineering | 3 |
| 23 | CSC720 | Human Computer Interaction | 3 |
| 24 | CSC721 | Advanced Compiler Design | 3 |
| 25 | CSC722 | Fuzzy Logics & Artificial Neural Networks | 3 |
| 26 | CSC723 | Optical Communication | 3 |
| 27 | CSC724 | Advanced Software Quality Assurance | 3 |
| 28 | CSC725 | Team Project Management | 3 |
| 29 | CSC726 | Target Discrimination in SAR using ANN | 3 |
| 30 | CSC727 | Advanced Cryptography / Information Systems Audit | 3 |
| 31 | CSC728 | Advanced Enterprise Resource Planning | 3 |
| 32 | CSC729 | Advanced Multi-Dimensional Analysis | 3 |
| 33 | CSC730 | Information System Audit | 3 |
| 34 | CSC731 | Team and Project Management | 3 |
| 35 | CSC732 | Advanced 3D Modeling Game Development | 3 |
| 36 | CSC733 | Information Retrieval for Metadata | 3 |
| 37 | CSC734 | Intelligent and Multi-Agent Systems | 3 |

| | | | |
|----|--------|--|---|
| 38 | CSC735 | Adv. Object Oriented Modeling with UML | 3 |
| 39 | CSC736 | Non-Linear Systems | 3 |
| 40 | CSC738 | Advanced Business Intelligence Systems | 3 |
| 41 | CSC739 | Advanced Neural Networks` & Fuzzy Logic | 3 |
| 42 | CSC740 | Multivariable Control System | 3 |
| 43 | CSC741 | Adaptive Control System | 3 |
| 44 | CSC742 | Network Management | 3 |
| 45 | CSC743 | Software Project & Quality Management | 3 |
| 46 | CSC744 | Operation Research Models & Simulation Techniques | 3 |
| 47 | CSC745 | Distributed Databases | 3 |
| 48 | CSC746 | Simulation & Modeling | 3 |
| 49 | CSC748 | Software Management & Estimation | 3 |
| 50 | CSC749 | Artificial Intelligence & Robotics | 3 |
| 51 | CSC750 | Cryptography and Network Security | 3 |
| 52 | CSC751 | Advanced Operating Systems | 3 |
| 53 | CSC752 | Distributed Computing | 3 |
| 54 | CSC753 | Cloud Computing and Virtualization | 3 |
| 55 | CSC754 | Artificial Neural Network | 3 |
| 56 | CSC756 | Machine Learning | 3 |
| 57 | CSC757 | Computational Intelligence | 3 |
| 58 | CSC758 | Advanced Computational Intelligence / Network Security | 3 |
| 59 | CSC759 | Advanced Software Evolution & Maintenance | 3 |
| 60 | CSC760 | Advanced Artificial Neural Networks | 3 |

| | | | |
|----|--------|--|---|
| 61 | CSC761 | Advanced Topics In Database Systems / Thesis Proposal & Progress | 3 |
| 62 | CSC762 | Advanced Network Architecture / Thesis Defense | 3 |
| 63 | CSC764 | Design Patterns | 3 |
| 64 | CSC813 | Machine Learning | 3 |
| 65 | CSC836 | Information Theory | 3 |
| 66 | CSC701 | Optimization Techniques | 3 |
| 67 | CSC716 | Data Science | 3 |
| 68 | CSC631 | Advanced Topics in Databases | 3 |
| 69 | CSC632 | Enterprise Application Development | 3 |
| 70 | CSC502 | Mathematics for Computing | 3 |
| 71 | DSC602 | Big Data Analytics | 3 |
| 72 | CSC602 | Advanced Computer Vision | 3 |
| 73 | DSC601 | Evolutionary Computing | 3 |
| 74 | DSC602 | Pattern Recognition | 3 |
| 75 | CSC605 | Data Mining | 3 |
| 76 | CSC606 | Deep Learning | 3 |
| 77 | CSC537 | Special Topic in Computer Science | 3 |
| 78 | CSC531 | Advanced Software Engineering Techniques | 3 |
| 79 | CSC512 | Advanced Computer Networks | 3 |
| 80 | CSC514 | Advanced Network Programming | 3 |
| 81 | CSC514 | Mobile Computing | 3 |
| 82 | TLC514 | Network Design | 3 |
| 83 | TLC533 | Satellite Communication | 3 |
| 84 | TLC509 | Wireless Communication | 3 |

| | | | |
|----|--------|--|---|
| 85 | TLC503 | Digital Communication | 3 |
| 86 | CSC540 | Critical Infrastructure Protection and Incident Management | 3 |
| 87 | CSC543 | Digital Forensics and Incident Response | 3 |
| 88 | CSC544 | Information Hiding | 3 |
| 89 | CSC545 | Information Risk Management | 3 |
| 90 | CSC546 | Legal Issues in Information Security | 3 |
| 91 | CSC607 | Quantum Cryptography | 3 |
| 92 | CSC559 | Advanced Programming | 3 |
| 93 | | Any other Course decided by M.S. Academic Committee | 3 |

Master of Science in Software Engineering

The Master of Science (Computer Science) programme provides students with advanced knowledge and skills in computer science. The programme is designed to help students develop expertise in various areas of computer science such as algorithms, database systems, artificial intelligence, computer networks, and software engineering. The MS(CS) programme is taught by experienced faculty members who are experts in their fields and who use the latest teaching methodologies to deliver the course content. The programme includes a range of courses that cover topics such as advanced algorithms, computer graphics, data mining, distributed systems, and software engineering.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Master of Science in Software Engineering | 33 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| S.No | Code | Title | Cr Hrs |
|---------------------------------------|--------|---|----------|
| SEMESTER 1 | | | |
| 1 | CSE501 | Software Requirement Engineering | 3 |
| 2 | CSE502 | Software System Design and Architecture | 3 |
| 3 | CSE5XX | Elective-I | 3 |
| | | Total Semester Credit Hours | 9 |
| SEMESTER 2 | | | |
| 4 | CSE503 | Software Quality Engineering | 3 |
| 5 | CSE504 | Software Project Management | 3 |
| 6 | CSE5XX | Elective-II | 3 |
| | | Total Semester Credit Hours | 9 |
| SEMESTER 3 | | | |
| 7 | CSE5XX | Elective-III | 3 |
| 8 | CSE5XX | Elective-IV | 3 |
| 9 | CSE599 | Thesis-I / Elective VI | 3 |
| | | Total Semester Credit Hours | 9 |
| SEMESTER 4 | | | |
| 10 | CSE5XX | Elective-V | 3 |
| 11 | CSE599 | Thesis-II / Elective VII | 3 |
| | | Total Semester Credit Hours | 6 |
| Minimum Programme Credit Hours | | | |
| | | | 33 |

Core Course

| S.No | Code | Course Title | Cr Hrs |
|------|--------|---|--------|
| 1 | CSE501 | Software Requirement Engineering | 3 |
| 2 | CSE502 | Software System Design and Architecture | 3 |
| 3 | CSE503 | Software Quality Engineering | 3 |
| 4 | CSE504 | Software Project Management | 3 |

Elective Courses

| S.No | Code | Course Title | Cr Hrs |
|------|--------|--|--------|
| 1 | CSE506 | Theory of Programming Languages | 3 |
| 2 | CSE511 | Formal Methods in Software Engineering | 3 |
| 3 | CSE512 | Software Risk Management | 3 |
| 4 | CSE513 | Software Design Patterns | 3 |
| 5 | CSE514 | Software Measurement & Metrics | 3 |
| 6 | CSE515 | Software Engineering Processes | 3 |
| 7 | CSE516 | Software Engineering for Web Based & Distributed Systems | 3 |
| 8 | CSE517 | Engineering Software for Reliability & Quality | 3 |
| 9 | CSE518 | Software Costing & Estimation | 3 |
| 10 | CSE519 | Business Process Modeling | 3 |
| 11 | CSE520 | Personal Software Process | 3 |
| 12 | CSE521 | Research Methods & Professional Skills | 3 |
| 13 | CSE522 | Advanced Programming | 3 |
| 14 | CSE523 | Agile Software Development | 3 |
| 15 | CSE524 | Human Factors in Software Engineering | 3 |

| | | | |
|----|--------|---|---|
| 16 | CSE525 | Software Engineering for Enterprise Information Systems | 3 |
| 17 | CSE526 | Machine learning Applications in Software Engineering | 3 |
| 18 | CSE527 | Advanced Object-Oriented Software Design | 3 |
| 19 | CSE528 | Software Engineering using UML | 3 |
| 20 | CSE531 | Advanced Software Engineering Techniques | 3 |
| 21 | CSE533 | Software Testing | 3 |
| 22 | CSE534 | Special Topics in Software Engineering | 3 |

PhD in Computer Science

Iqra University offers a Doctor of Philosophy (Computer Science) programme. The programme is designed to provide students with advanced knowledge and skills in computer science research and to prepare them for academic careers in the field. The PhD(CS) programme at Iqra University is research-oriented and focuses on areas such as artificial intelligence, databases, data mining, computer networks, and software engineering. Students are required to complete coursework in these areas and are also expected to conduct independent research under the supervision of a faculty advisor.

Curriculum

| PROGRAMME | CR HRS |
|-------------------------|--------|
| PhD in Computer Science | 36 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| S.No | Code | Title | Cr Hrs |
|---------------------------------------|-------|------------------------------------|------------|
| SEMESTER 1 | | | |
| 1 | CS7XX | Core-I | 3 |
| 2 | CS7XX | Core-II | 3 |
| 3 | CS7XX | Elective-I | 3 |
| | | Total Semester Credit Hours | 9 |
| SEMESTER 2 | | | |
| 4 | CS7XX | Elective-II | 3 |
| 5 | CS7XX | Elective-III | 3 |
| 6 | CS7XX | Elective-IV | 3 |
| | | Total Semester Credit Hours | 9 |
| SEMESTER 3 - 4 | | | |
| 7 | | Comprehensive Exam | --- |
| 8 | | PhD Research Proposal | --- |
| | | Total Semester Credit Hours | --- |
| SEMESTER 5 - 6 | | | |
| 9 | | Research Thesis | 18 |
| | | Total Semester Credit Hours | 18 |
| Minimum Programme Credit Hours | | | 36 |

Core Courses

| S.No | Code | Course Title | Cr Hrs |
|------|-------|------------------------------|--------|
| 1 | CS701 | Advanced Research Methods | 3 |
| 2 | CS702 | Advanced IS Security & Audit | 3 |

| | | | |
|---|-------|---|---|
| 3 | CS704 | Ethical and Legal Approaches in Computational Frontiers | 3 |
| 4 | CS703 | Theory of Advanced Computing Models | 3 |
| 5 | CS731 | Optimization Techniques | 3 |
| 6 | CS729 | Mathematics for Computing | 3 |
| 7 | CS750 | Advanced Software Engineering Technology | 3 |

Software Engineering Specialization Course

| S.No | Code | Course Title | Cr Hrs |
|------|-------|---|--------|
| 1 | CS739 | Software Engineering | 3 |
| 2 | CS740 | Quality Assurance | 3 |
| 3 | CS741 | Software Testing | 3 |
| 4 | CS742 | Software Project Management | 3 |
| 5 | CS743 | Agile Software | 3 |
| 6 | CS744 | Component Based Software | 3 |
| 7 | CS745 | Object Oriented Software System | 3 |
| 8 | CS746 | Formal Methods | 3 |
| 9 | CS747 | Software System Design | 3 |
| 10 | CS748 | Cyber Security | 3 |
| 11 | CS749 | Special Topics for Software Engineering | 3 |
| 12 | CS714 | Computer Architecture | 3 |
| 13 | CS715 | Modeling and Simulation | 3 |
| 14 | CS730 | Algorithm | 3 |
| 15 | CS713 | Theory of Computation | 3 |
| 16 | CS752 | Interfaces | 3 |

| | | | |
|----|-------|---|---|
| 17 | CS733 | Embedded Systems | 3 |
| 18 | CS734 | Operating Systems | 3 |
| 19 | CS735 | Pattern Recognition | 3 |
| 20 | CS736 | Digital Design | 3 |
| 21 | CS737 | Grid Computing | 3 |
| 22 | CS738 | Parallel Computataion | 3 |
| 23 | CS751 | Special Topics for Computer Engineering | 3 |

Computer Science Specialization Courses

| S.No | Code | Course Title | Cr Hrs |
|------|-------|-----------------------------------|--------|
| 1 | CS711 | Design and Analysis of Algorithms | 3 |
| 2 | CS712 | Advanced Programming Techniques` | 3 |
| 3 | CS713 | Theory of Computations | 3 |
| 4 | CS714 | Computer Architecture | 3 |
| 5 | CS715 | Modeling and Simulations | 3 |
| 6 | CS716 | Computer Security | 3 |
| 7 | CS717 | Cyber Security | 3 |
| 8 | CS718 | Software Engineering | 3 |
| 9 | CS719 | Computational Intelligence | 3 |
| 10 | CS723 | Artificial Intelligence | 3 |
| 11 | CS724 | Artificial Neural Networks | 3 |
| 12 | CS725 | Fuzzy Logic | 3 |
| 13 | CS726 | Database and Data Mining | 3 |
| 14 | CS727 | Formal Methods | 3 |
| 15 | CS728 | Machine Vision | 3 |

| | | | |
|----|-------|--------------------------------|---|
| 16 | CS730 | Introduction to Bioinformatics | 3 |
| 17 | CS732 | Data Image Processing | 3 |

Programmes Objectives and Outcomes

The programmes are designed with a multidisciplinary approach, combining computing techniques and human learning psychology for challenging applications. Through this programme, students will develop skills in UI/UX, machine learning, robotics, and speech/ image processing, becoming sought-after candidates, as future technology leaders. Career opportunities include roles such as AI Engineer, Machine Learning Engineer, and Research Scientist.

- Develop a strong foundation in computer science theory, principles, and algorithms.
- Acquire programming skills and proficiency in various programming languages.
- Understand and apply mathematical concepts and techniques relevant to computer science.
- Gain knowledge of computer architecture, operating systems, and computer networks.
- Learn about software development methodologies, software engineering principles, and best practices.
- Develop problem-solving and critical thinking skills to analyze and solve complex computing problems.

Career Opportunities

Upon completion of the respective programmes, you will have a wide range of career opportunities available to you. Some of the potential career paths include:

- Graduates with a Bachelor's in Computing programme have higher chances of getting hired both locally and in the global IT market.
- Our comprehensive courses, practical lab sessions, workshops, webinars, and projects prepare students for diverse roles in the

computer science and IT market, including data science, machine learning, AI experts, and web developers for companies worldwide.

- Graduates find lucrative opportunities in various sectors, such as software houses, IT departments of banks, multinationals, government agencies, academia, and entrepreneurship. They also have a favourable position in securing professional positions in the global market and pursuing higher studies abroad.
- The field of Artificial Intelligence is experiencing significant growth, with job postings for AI skills increasing rapidly since 2015. Companies are actively seeking professionals with expertise in AI, creating exciting opportunities in various industries.
- AI is expected to boost economic growth, leading to the creation of new roles while transforming existing job landscapes, as indicated by PwC's analysis.

Department Facilities and Resources

We take pride in our well-equipped computer labs and facilities that provide an ideal environment for practical training and research according to HEC/NCEAC requirements. These powerful labs and machines are optimized for computer science, software development, data analysis, and a wide range of creative endeavours. Additionally, equipped with the latest hardware and diverse software applications, students receive expert guidance to gain hands-on experience and prepare for success with industry certifications and valuable career opportunities in networking and various technical fields. State-of-the-art facilities with fully equipped more than 7 labs including:

- DELL LAB
- MAC LAB
- CISCO LAB
- GP LAB
- COMPUTING LAB
- PHYSICS LAB
- DLD LAB

Admission Requirements

To be eligible for admission to the BS(CS)/BS(SE)/BS(AI)/Associate Degree, student must have:

- Completed FSc / A Levels / Equivalent (including Mathematics) with at least 50% marks as certified by IBCC. The students who have not studied Mathematics at the intermediate level must pass deficiency courses in Mathematics (06 credits) in the first two semesters.
- Applicants for Bachelor Programmes must take the entrance test. Applicants with acceptable SAT, NTS-NAT, MCAT, GAT General & GAT Subject scores will be exempted from the entrance test. The test will be conducted on a computer and will consist of one hundred MCQs of a two-hour duration

To be eligible for admission to the MS(CS)/MS(SE), student must have:

- 16 years of relevant education or equivalent degree from a HEC-recognized university/DAI.
- In the case of foreign education, the candidate must get the equivalence certificate from HEC.
- Valid NTS-GAT (General) test with at least a 50% score or university test with afloat 60% score.
- Condition of CGPA will be observed as per HEC guidelines.
- After successfully clearing the admission test the students will be scheduled for an interview.

To be eligible for admission to the PhD(CS), candidate must have:

- 18 years of relevant education or equivalent degree from a HEC recognized university/DAI.
- In case of foreign education, the candidate has to get the equivalence certificate from HEC.
- Valid NTS-GAT (Subject) with at least 60% score or university test with at least 70% score.
- Minimum CGPA 3.00/4.00 or First Division in the Annual system

- After successfully clearing the admission test the students will be scheduled for an interview.

Each Academic Department has its own eligibility criteria which varies depending on the programme and department. Scan the QR code for the eligibility criteria for each programme.



Collaborations and Partnerships

We have established collaborations and partnerships by fostering strong industry connections through MOUs with various companies and software houses. These strategic partnerships offer our students invaluable opportunities for research and internships, providing them with real-world experience and exposure to cutting-edge technologies and practices.



DEPARTMENT FACULTY



DR. ADNAN SOHAIL
Head of Department
Associate Professor

PhD (Electrical Engineering and Information Technology)
Institute of Telecommunications,
Vienna University of Technology, Vienna

MSc (Computer Science)
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MS (Computer Software Engineering)
National University of Science & Technology,
Rawalpindi, Pakistan
BS (Computer Science)
COMSATS Institute of Information Technology,
Islamabad, Pakistan



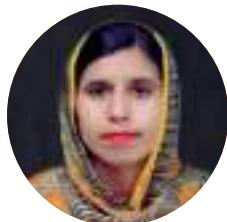
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BCS (Computer Science)
University of Central Punjab,
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DR. NABEELA KAUSAR (On Leave)
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University of Agriculture, Faisalabad, Pakistan
Bachelor of Arts
Government College for Women, Gojra, Pakistan



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MR. ZIKRIA MIAN
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Central Queensland University, Australia.
Master (Economics)
University of Peshawar, Pakistan.



MR. FAHEEM SHAUKAT
Lecturer

MS (Computer Science)
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MSc (Information Technology)
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BSc (Engineering Science)
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MS. MARIA HANIF
Lecturer

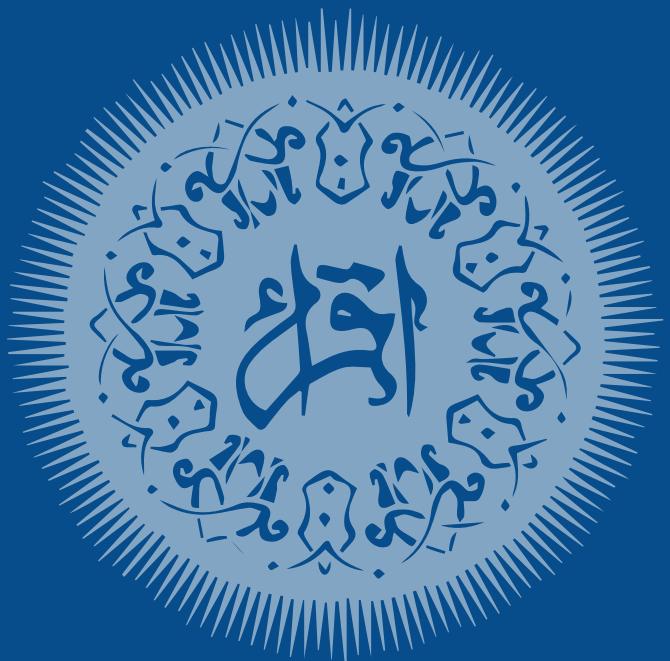
MS (Software Engineering)
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DEPARTMENT OF BUSINESS ADMINISTRATION

Department of Business Administration

The Department of Business Administration provides a range of educational opportunities, including undergraduate, postgraduate, and doctoral programs, all designed to equip students with a robust curriculum covering essential disciplines like Accounting, Finance, Management, Marketing, and Human Resource Management. Our aim is to empower students to thrive in any business setting.

We employ engaging teaching techniques, hands-on learning experiences, and required internships to ensure that our graduates emerge as versatile professionals prepared to excel in the ever-evolving business realm. Come join us and embark on an enriching educational voyage that will equip you with the skills and knowledge necessary to succeed in the competitive field of business and management sciences.

Bachelor of Business Administration (Honours)

Students in this program receive comprehensive instruction in Accounting, Finance, Management, Marketing, Human Resource Management, and Information Technology, preparing them for success in any business setting. This four-year program is designed to adapt to the evolving business world. Teaching methods include interactive discussions, case studies, presentations, projects, reports, industrial trips, seminars, workshops, and guest speakers. Mandatory internships offer real-world experience. Graduates emerge well-rounded, with both business knowledge and practical skills.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Bachelor in Business Administration (Honours) | 136 |
| Bachelor in Administration (2.5 yrs) | 79 |

Note: Our curricula adhere to the guidelines set forth in the HEC Undergraduate and Graduate Policy 2023. Currently, we are actively pursuing exemptions from the ACCA body for specific levels for our graduates.

Semester Wise Plan

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|--|--------|-----------------|---------------|
| SEMESTER 1 | | | | | |
| 1 | HUM111 | Functional English | 3 | GEN ED | |
| 2 | HMT221 | Islamic Studies | 2 | GEN ED | |
| 3 | CSC102 | Introduction to Business Mathematics | 3 | GEN ED | |
| 4 | CSC111 | Applied Info & Communication Tech | 3 | GEN ED | |
| 5 | BUS111 | Fundamentals of Management | 3 | Major | |
| 6 | BUS121 | Microeconomics | 3 | Major | |
| Total Semester Credit Hours | | | | 17 | |
| SEMESTER 2 | | | | | |
| 7 | HUM231 | Introduction To Statistics | 3 | GEN ED | CSC102 |
| 8 | | Environmental Science and Sustainability | 3 | GEN ED | |
| 9 | | Ideology And Constitution of Pakistan | 2 | GEN ED | |
| 10 | BUS122 | Fundamentals of Marketing | 3 | Core | |
| 12 | MSA361 | Introduction to Statistics (CO2) | 3 | Common Optional | |
| Total Semester Credit Hours | | | | 16 | |

| SEMESTER 3 | | | | | | |
|------------------------------------|--------|---|---|-----------------|--------|--|
| 13 | HUM121 | Academic & Professional Writing | 3 | Mandatory | HUM231 | |
| 14 | HUM232 | Ethics & Social Responsibility | 3 | Mandatory | | |
| 15 | SSC231 | World History | 3 | Mandatory | | |
| 16 | BUS231 | Financial Accounting Principles | 3 | Core | | |
| 17 | FTV361 | History of Film, TV and Animation (CO3) | 3 | Common Optional | | |
| 18 | MDS111 | Intro to Mass Communications (CO4) | 3 | Common Optional | | |
| Total Semester Credit Hours | | 18 | | | | |

| SEMESTER 4 | | | | | | |
|------------------------------------|--------|----------------------------------|---|-----------------|--|--|
| 19 | HUM113 | Introduction to Sociology | 3 | Mandatory | | |
| 20 | HUM241 | World Literature | 3 | Mandatory | | |
| 21 | BUS241 | Introduction to Entrepreneurship | 3 | Mandatory | | |
| 22 | BUS242 | Macroeconomics | 3 | Core | | |
| 23 | | Intro to Fashion (CO5) | 3 | Common Optional | | |
| 24 | | History of Art (CO6) | 3 | Common Optional | | |
| Total Semester Credit Hours | | 18 | | | | |

| SEMESTER 5 | | | | | | |
|-------------------|--------|-------------------------|---|------|--|--|
| 25 | BUS354 | Business Statistics | 3 | Core | | |
| 26 | BUS352 | Principles of Finance | 3 | Core | | |
| 27 | BUS353 | Organizational Behavior | 3 | Core | | |

| | | | | | | |
|------------------------------------|--------|---------------------------|---|-----------------|--|--|
| 28 | BUS351 | Cost Accounting | 3 | Core | | |
| 29 | | Intro to Psychology (CO7) | 3 | Common Optional | | |
| 30 | | Intro to IR (CO8) | 3 | Common Optional | | |
| Total Semester Credit Hours | | | | 18 | | |

| SEMESTER 6 | | | | | | |
|------------------------------------|--------|-----------------------------------|---|-----------|--|--------|
| 31 | BUS361 | Management Accounting | 3 | Core | | BUS231 |
| 32 | BUS362 | Research Methods & Skills | 3 | Core | | |
| 33 | BUS363 | Operation Management | 3 | Core | | |
| 34 | BUS364 | Business Analytics | 3 | Core | | |
| 35 | BUS365 | Human Resource Theory & Practice | 3 | Core | | BUS353 |
| 36 | BUS366 | Marketing Planning & Applications | 3 | Core | | BUS122 |
| Total Semester Credit Hours | | | | 18 | | |

| SEMESTER 7 | | | | | | |
|------------------------------------|--------|--------------------------------------|---|-----------|--|--------|
| 37 | BUS371 | Research Project - I | 3 | Core | | BUS362 |
| 38 | BUS372 | Financial Management & Applications | 3 | Core | | BUS352 |
| 39 | BUS373 | Supply chain Management | 3 | Core | | BUS363 |
| 40 | BUS374 | Islamic Banking and Finance | 3 | Core | | BUS352 |
| 41 | BUS375 | Managing the Entrepreneurial Venture | 3 | Core | | BUS241 |
| Total Semester Credit Hours | | | | 15 | | |

| SEMESTER 8 | | | | | |
|------------------------------------|--------|----------------------------------|---|------|--------|
| 42 | BUS481 | Research Project - II | 3 | Core | BUS471 |
| 43 | BUS482 | Business Law & Taxation | 3 | Core | BUS365 |
| 44 | BUS483 | Organizational Theory and Design | 3 | Core | BUS365 |
| 45 | BUS484 | Consumer Behavior | 3 | Core | BUS366 |
| 46 | BUS485 | International Business | 3 | Core | BUS365 |
| Total Semester Credit Hours | | 15 | | | |
| Total Credit Hours | | 136 | | | |

Bachelor of Science in Accounting and Finance

The programme is designed to enable students to cope successfully with the challenges of a rapidly evolving global business and financial environment. The degree provides a strong foundation for a successful career in accounting and finance and prepares students for higher studies. Teaching methodologies include lectures, interactive class discussions, case studies, article presentations, projects, reports, industrial trips, seminars, workshops and guest speakers.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Bachelor of Science in Accounting and Finance | 136 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| SEMESTER 1 | | | | | |
|------------------------------------|--------|----------------------------------|--------|-----------|---------------|
| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
| 1 | HUM111 | Functional English | 3 | Mandatory | |
| 2 | CSC111 | Introduction to Computer Science | 3 | Mandatory | |
| 3 | HMT301 | Introduction to Sociology | 3 | Mandatory | |
| 4 | | Common Optional-1 | 3 | Mandatory | |
| 5 | ANF111 | Financial Accounting 1 | 3 | Core | |
| Total Semester Credit Hours | | | | 15 | |

SEMESTER 2

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|--|--------|-----------------|---------------|
| 6 | HUM112 | Personal Development | 3 | Mandatory | |
| 7 | HUM121 | Academic Writing | 3 | Mandatory | HUM111 |
| 8 | SSC241 | Introduction to Philosophy & Critical Thinking | 3 | Mandatory | |
| 9 | | Common Optional-2 | 3 | Common Optional | |
| 10 | BUS352 | Principles of Finance | 3 | Core | |
| 11 | BUS121 | Microeconomics | 3 | Core | |
| Total Semester Credit Hours | | | | 18 | |

SEMESTER 3

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|----------------------------------|--------|-----------------|---------------|
| 12 | | World History | 3 | Mandatory | HUM111 |
| 13 | | Communication Skills | 3 | Mandatory | |
| 14 | BUS361 | Introduction to Entrepreneurship | 3 | Mandatory | |
| 15 | | Common Optional-3 | 3 | Common Optional | |
| 16 | | Common Optional-4 | 3 | Common Optional | |
| 17 | ANF231 | Financial Accounting 2 | 3 | Core | |
| Total Semester Credit Hours | | 18 | | | |

SEMESTER 4

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|--------------------------------|--------|-----------------|---------------|
| 18 | SSC231 | World Literature | 3 | Mandatory | |
| 19 | HS102 | Islamic Studies | 4 | Mandatory | |
| 20 | HS103 | Pakistan Studies | | Mandatory | |
| 21 | | Ethics & Social Responsibility | 3 | Mandatory | |
| 22 | | Common Optional-5 | 3 | Common Optional | |
| 23 | BUS242 | Macroeconomics | 3 | Core | |
| 24 | ACT321 | Cost Accounting | 3 | Core | |
| Total Semester Credit Hours | | 19 | | | |

SEMESTER 5

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|------------------------------------|--------|-----------------|---------------|
| 25 | | Common Optional-6 | 3 | Common Optional | |
| 26 | BUS361 | Management Accounting | 3 | Core | |
| 27 | BUS472 | Financial Management & Application | 3 | Core | BUS352 |
| 28 | | Business Statistics | 3 | Core | |
| 29 | BUS482 | Business Law & Taxation | 3 | Core | |
| 30 | ACT441 | Advance Financial Accounting | 3 | Core | |
| Total Semester Credit Hours | | 18 | | | |

SEMESTER 6

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|---|--------|----------|---------------|
| 31 | BUS364 | Business Analytics | 3 | Core | |
| 32 | FIN501 | Corporate Finance | 3 | Core | BUS352 |
| 33 | | Audit and Assurance | 3 | Core | |
| 34 | BUS474 | Islamic Banking & Finance | 3 | Core | BUS352 |
| 35 | | Accounting and Financial Information System | 3 | Core | |
| 36 | FIN511 | Analysis of Financial Statements | 3 | Core | BUS352 |
| Total Semester Credit Hours | | 18 | | | |

SEMESTER 7

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|--|--------|----------|---------------|
| 37 | | Research Project -I | 3 | Core | |
| 38 | BAF472 | Financial Reporting I | 3 | Core | ACT321 |
| 39 | ANS682 | Strategic Cost & Management Accounting | 3 | Core | |
| 40 | FIN667 | Financial Risk Management | 3 | Core | BUS352 |
| 41 | FIN401 | Financial Institutions and Markets | 3 | Core | BUS352 |
| Total Semester Credit Hours | | 15 | | | |

SEMESTER 8

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|------------------------------|--------|----------|---------------|
| 42 | | Research Project -II | 3 | Core | |
| 43 | BAF482 | Financial Reporting II | 3 | Core | BAF472 |
| 44 | MIB477 | Money and Investment Banking | 3 | Core | |
| 45 | FIN531 | International Finance | 3 | Core | BUS352 |
| 46 | FIN501 | Treasury and Fund Management | 3 | Core | BUS352 |
| Total | | 15 | | | |
| Total Semester Credit Hours | | 136 | | | |

Associate Degree Program (Digital Marketing)

The Associate Degree Program (ADP) in Digital Marketing is a comprehensive two-year curriculum aimed at equipping you with vital technical skills

and entrepreneurial acumen to excel in the professional arena. Iqra University has crafted a distinctive programme, simplifying the acquisition of industry-specific competencies and insights. This program empowers you to advance in your academic voyage while propelling your career ambitions.

Curriculum

*As per HEC policy.

| PROGRAMME | CR HRS |
|--|--------|
| Associate Degree Program (Digital Marketing) | 72 |

Associate Degree Program (Digital Marketing)

The Associate Degree Program (ADP) in Accounting and Finance is a thoughtfully crafted two-year program aimed at equipping you with vital technical competencies and a business-minded approach for triumph in the professional arena. Iqra University offers ADP, streamlining your path to gaining pertinent skills and insights that propel you in your educational voyage and career aspirations.

Curriculum

*As per HEC policy.

| PROGRAMME | CR HRS |
|---|--------|
| Associate Degree Program (Accounting & Finance) | 72 |

Master of Business Administration

The programme is designed to develop strategic knowledge and leadership skills among students. MBA candidates can choose from diverse elective specializations, including Finance, Marketing, Human Resources, Supply Chain, Islamic Banking, and Accounting, opening doors to managerial positions in various industries such as consulting, finance, healthcare, and technology. The rigorous MBA curriculum focuses on enhancing analytical and critical thinking abilities for solving complex business challenges, exploring various business functions, cultivating leadership and management expertise, understanding global business practices, and providing networking

opportunities with industry professionals. Overall, an MBA degree equips individuals for success in diverse business and management roles, leading to career advancement and increased earning potential.

Curriculum

| PROGRAMME | CR HRS |
|-----------------------------------|--------|
| Master of Business Administration | 72 |
| Master of Business Administration | 54-36 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| S.No | Code | Title | Cr Hrs | Category | Pre-requisite |
|-------------------|--------|------------------------------------|-----------|----------|---------------|
| SEMESTER 1 | | | | | |
| 1 | ACT401 | Accounting For Managers | 3 | Core | N/A |
| 2 | ECO441 | Business Economics | 3 | Core | N/A |
| 3 | MGT301 | Managerial Role In Organizations | 3 | Core | N/A |
| 4 | MKT313 | Marketing For Managers | 3 | Core | N/A |
| 5 | ASC461 | Statistical Inference For Managers | 3 | Core | N/A |
| | | Total | 15 | | |

| SEMESTER 2 | | | | | |
|------------------------------------|--------|--|-----------|------|------------------------|
| 6 | MKT511 | Consumer Behavior & Marketing Strategy | 3 | Core | MKT313 |
| 7 | FIN431 | Finance For Managers | 3 | Core | ACT401 |
| 8 | MGT523 | Human Resource Management | 3 | Core | MGT301 |
| 9 | IFN431 | Islamic Banking & Applied Finance | 3 | Core | ACT401, MGT301, ECO441 |
| 10 | ACT431 | Cost & Management Accounting | 3 | Core | ACT401 |
| Total Semester Credit Hours | | | 15 | | |
| SEMESTER 3 | | | | | |
| 11 | MGT434 | Entrepreneurship | 3 | Core | MKT313, MGT301, ACT401 |
| 12 | ECO551 | Managerial Economics & Policy | 3 | Core | ECO441 |
| 13 | ASC661 | Quantitative Research Methods | 3 | Core | ASC461 |
| 14 | SCM521 | Supply Chain Management | 3 | Core | MKT313, MGT301, ACT401 |
| 15 | FIN612 | Financial Strategy & Policy | 3 | Core | ACT401, FIN401 |
| Total Semester Credit Hours | | | 15 | | |

| SEMESTER 4 | | | | | |
|------------------------------------|--------|------------------------------|---|------|------------------------------|
| 16 | N/A | Specialization - I | 3 | N/A | As per major |
| 17 | MGT508 | Leadership | 3 | Core | MGT301, MGT523 |
| 18 | ASC662 | Qualitative Research Methods | 3 | Core | ASC461, ASC661 |
| 19 | N/A | Specialization - II | 3 | N/A | As per major |
| 20 | BUS711 | Project Proposal | 3 | Core | ASC461, ASC661, ASC662 |
| Total Semester Credit Hours | | 15 | | | |

| SEMESTER 5 | | | | | |
|------------------------------------|--------|----------------------|---|------|--|
| 21 | BUS712 | Project Defense | 3 | Core | BUS711, ASC461, ASC661, ASC662 |
| 22 | MGT641 | Strategic Management | 3 | Core | MGT434, SCM521, ACT401, FIN401, FIN612, MGT301, MGT523, MKT313, MKT511 |
| 23 | N/A | Specialization - III | 3 | Core | As per major |
| 24 | N/A | Specialization - IV | 3 | Core | As per major |
| Total Semester Credit Hours | | 12 | | | |
| Total Credit Hours | | 72 | | | |

Master of Science in Management Science

Our research-driven MS programme emphasizes quality and meaningful contributions to various fields within manageable scope. Collaborative efforts with supervisors and administrators empower scholars to address societal, economic, and managerial challenges, bridging the gap between academia and industry. By fostering highly qualified human resources and practical solutions, we aim to advance our nation's position in the global knowledge economy and overcome current challenges.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Master of Science in Management Science | 30 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Sr.No | Code | Course Title | CrHrs |
|-------------------|--------|------------------------------------|----------|
| SEMESTER 1 | | | |
| 1 | MGT601 | Advanced Research Methods | 3 |
| 2 | MGT602 | Strategic Management | 3 |
| 3 | MGT603 | Strategic Finance | 3 |
| | | Total Semester Credit Hours | 9 |
| SEMESTER 2 | | | |
| 4 | MGT604 | Strategic Marketing | 3 |
| 5 | | Specialization/Elective - I | 3 |
| 6 | | Specialization/Elective - II | 3 |
| | | Total Semester Credit Hours | 9 |

| SEMESTER 3 | | | |
|-------------------|--------|------------------------------------|----------|
| 8 | | Specialization/Elective - III | 3 |
| 9 | MGT698 | Thesis-I | 3 |
| | | Total Semester Credit Hours | 6 |
| SEMESTER 4 | | | |
| 10 | MGT699 | Thesis-II | 3 |
| 11 | | Specialization/Elective - IV | 3 |
| | | Total Semester Credit Hours | 6 |

PhD in Business Administration

The PhD programme emphasizes the importance of research as evidence of an individual's ability to conceptualize, conduct, and communicate research effectively. Quality research addresses significant problems within the chosen field of study and contributes meaningfully to the profession's theory or practice. Our programme is designed to create highly qualified human resources in the field of management sciences, fostering intellectual development in both educational and industrial sectors. Through practical solutions, our scholars aim to address social, economic, and managerial challenges faced by our nation, bridging the gap between educational institutions and industries to generate valuable insights for overcoming current crises.

Curriculum

| PROGRAMME | CR HRS |
|--------------------------------|--------|
| PhD in Business Administration | 36 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

PhD (Business Administration) Semester Plan

| S.No | Title | CrHrs |
|-------------------------|-------------------------------|----------|
| SEMESTER 1 | | |
| 1 | Philosophy of Social Thought | 3 |
| 2 | Advanced Statistical Modeling | 3 |
| Total | | 6 |
| SEMESTER 2 | | |
| 3 | Advanced Qualitative Research | 3 |
| 4 | Concentration 1 | 3 |
| Total | | 6 |
| SEMESTER 3 | | |
| 5 | Concentration 2 | 3 |
| 6 | Concentration 3 | 3 |
| Total | | 6 |
| SEMESTER 4, 5, 6 | | |
| 7 | Dissertation | 18 |

Elective Courses-Business Administration

| S.No | Code | Course Title | Cr Hrs |
|----------------|--------|---------------------|--------|
| FINANCE | | | |
| 1 | FIN501 | Corporate Finance | 3 |
| 2 | FIN503 | Taxation Management | 3 |
| 3 | FIN504 | Companies Laws | 3 |

| | | | |
|----|--------|-----------------------------------|---|
| 4 | FIN505 | Treasury and Funds Management | 3 |
| 5 | FIN506 | Security Analysis | 3 |
| 6 | FIN507 | Project Evaluation | 3 |
| 7 | FIN511 | Analysis of Financial Statements | 3 |
| 8 | FIN531 | International Finance | 3 |
| 9 | FIN532 | Micro Finance | 3 |
| 10 | FIN563 | Investment Banking | 3 |
| 11 | FIN643 | Portfolio Management | 3 |
| 12 | FIN564 | Behavioral Finance | 3 |
| 13 | FIN565 | Analysis of Financial Time Series | 3 |
| 14 | FIN566 | Special Topics in Finance | 3 |
| 15 | FIN567 | Case Studies in Finance | 3 |
| 16 | FIN568 | Financial Economics | 3 |
| 17 | FIN569 | Financial Systems | 3 |

| HUMAN RESOURCE MANAGEMENT | | | |
|----------------------------------|--------|-------------------------------------|---|
| 1 | MGT501 | Recruitment and Selection | 3 |
| 2 | MGT502 | Industrial Relations | 3 |
| 3 | MGT503 | Organizational Development | 3 |
| 4 | MGT504 | Training and Development | 3 |
| 5 | MGT505 | Compensation Management | 3 |
| 6 | MGT506 | Strategic Human Resource Management | 3 |
| 7 | MGT507 | Performance Management | 3 |
| 8 | MGT509 | Human Resource Development | 3 |
| 9 | MGT511 | Organizational Theory & Design | 3 |

| | | | |
|----|--------|-------------------------------------|---|
| 10 | MGT583 | Human Resource Laws | 3 |
| 11 | MGT584 | Motivation and Reward Management | 3 |
| 12 | MGT585 | Strategic Leadership | 3 |
| 13 | MGT586 | Human Resource Information Systems | 3 |
| 14 | MGT623 | Advanced Organizational Development | 3 |
| 15 | MGT512 | Knowledge Management | 3 |

| MARKETING | | | |
|------------------|--------|-------------------------|---|
| 1 | MKT501 | Advertising | 3 |
| 2 | MKT502 | Sales Management | 3 |
| 3 | MKT503 | Brand Management | 3 |
| 4 | MKT504 | Services Marketing | 3 |
| 5 | MKT506 | Strategic Marketing | 3 |
| 6 | MKT507 | International Marketing | 3 |
| 7 | MKT512 | Internet Marketing | 3 |
| 8 | MKT571 | New Product Development | 3 |
| 9 | MKT603 | Retail Marketing | 3 |

| PROJECT MANAGEMENT | | | |
|---------------------------|-------|---|---|
| 1 | PM501 | Framework Standard & Time Management | 3 |
| 2 | PM502 | Quality scope & Human Resource Management | 3 |
| 3 | PM503 | Integration Procurement & Risk Management | 3 |
| 4 | PM504 | Monitoring Evaluation & Cost Management | 3 |

| | | | |
|---|-------|---|---|
| 5 | PM506 | Project comm and Stakeholder Management | 3 |
| 7 | PM508 | Advance Project Management | 3 |
| 8 | PM509 | Project Appraisal | 3 |
| 9 | PM510 | Softwares in Project Management | 3 |

SUPPLY CHAIN MANAGEMENT

| | | | |
|----|--------|---|---|
| 1 | SCM542 | Distribution/Channel Management | 3 |
| 2 | SCM543 | Quality Management in Supply Chain | 3 |
| 3 | SCM544 | Global Supply Chain Management | 3 |
| 4 | SCM545 | Collaborative Planning, Forecasting & Replenishment | 3 |
| 5 | SCM604 | Strategic Logistics Management | 3 |
| 6 | SCM622 | SCM Technology and Applications | 3 |
| 7 | SCM631 | Procurement & Sourcing | 3 |
| 8 | SCM621 | BRP/ERP | 3 |
| 9 | SCM546 | Warehouse and Inventory Management | 3 |
| 10 | SCM547 | Supply Chain Modelling and Optimization | 3 |

Programme Objectives and Outcomes

The comprehensive business education programmes prioritize essential skills and knowledge required to excel in various business disciplines. Our courses emphasize critical thinking, leadership, and ethical decision-making, equipping students with the ability to solve complex business problems both locally and globally. From fostering work ethics and promoting sustainable development goals to conducting original research for publication, our programmes prepare students for impactful contributions in the dynamic world of business.

- Exhibit work ethics and promote sustainable development goals.
- Illustrate critical thinking skills in solving complex business problems in a local and global environment.
- Demonstrate leadership skills in executing projects in a complex business environment.
- Apply ethical principles and show commitment towards sustainable development goals
- Produce original research of quality appropriate for publication in high-quality peer-reviewed academic journals.
- Demonstrate an understanding and concern for the high ethical standards in business research.

Career Opportunities

Upon completion of the respective programmes, you will have a wide range of career opportunities available to you. Some of the potential career paths include:

- Managerial roles in various industries, overseeing operations and making crucial business decisions.
- Excel in sales and marketing careers, utilizing their knowledge of consumer behavior and advertising to create successful marketing campaigns.
- Become financial analysts, investment bankers, or advisors, assisting businesses in making sound financial decisions.
- Human resources careers, managing the workforce and applying knowledge of organizational behaviour and labour laws.
- Entrepreneurship, using their business acumen to launch and run successful ventures.
- Diverse career opportunities, including academic and non-academic fields, with job prospects in research-driven positions and higher education.

Programme Facilities and Resources:

We take pride in our well-equipped laboratories and facilities that provide an ideal environment for practical training and research. Our facilities include:

- Up-to-date, fully equipped and modern lecture rooms, seminar hall/auditorium, library, and computer labs.
- Special access to various globally recognized academic research resources.
- Strong networking and collaboration with industry and organizations which provide our students with opportunities for internships, volunteer work and job opportunities.

Admission Requirements

To be eligible for admission to the Programme, students must have:

- For Undergraduate programmes, the applicant must have completed FSc / A Levels / Equivalent with at least 45% marks as certified by IBCC. For the Associate Degree Programme minimum of 35% marks in FSc / A Levels / Equivalent are required.
- Applicants for Bachelor Programmes must take the entrance test. Applicants with acceptable SAT, NTS-NAT, MCAT, GAT General & GAT Subject scores will be exempted from the entrance test. The test will be conducted on a computer and will consist of one hundred MCQs of a two-hour duration.

Each Academic Department has its own eligibility criteria which varies depending on the programme and department. Scan the QR code for the eligibility criteria for each programme.



Collaborations and Partnerships

We have established MOUs for research and internships, providing students with valuable opportunities to collaborate with research institutions, organizations, and industry experts. This partnership aims to enrich their academic journey and equip them with practical skills for impactful careers in business administration.



DEPARTMENT FACULTY



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Assistant Professor

MSc.(Engineering Management)
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B.Com
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**MR. MUHAMMAD NAVEED KABIR**

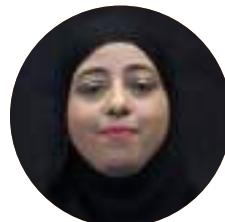
Assistant Professor

MS (Management Technology)
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BS (Mathematics & Statistics)
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M.Sc (Statistics)
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**MS. RABIA JAVED**

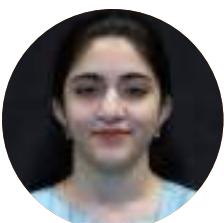
Lecturer

M.Phil (Mathematics)
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MSc (Mathematics)
Punjab University, Lahore, Pakistan
BSc (Double Maths, Statistics)
Punjab University, Lahore, Pakistan

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BS (Economics)
Quaid-e-Azam University, Islamabad, Pakistan

**MS. GHAZAL SHAIKH**

Lecturer

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University of Surrey, United Kingdom
BS (Accounting)
Oxford Brooks University, United Kingdom

**MS. SUMERA KHAN**

Lecturer

MS (HRM)
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MBA (HRM)
University of Peshawar, Peshawar, Pakistan
BA (Arts)
University of Peshawar, Peshawar, Pakistan





DEPARTMENT OF FASHION AND DESIGN

DEPARTMENT OF FASHION AND DESIGN

The Department of Fashion and Design Department at Iqra University is where creativity takes centre stage. As one of the largest academic centres for Fashion and Textile studies in Pakistan, we offer an exceptional platform for students to explore and excel in this dynamic field.

The department offers a comprehensive 4-year Bachelor's degree programme in both Fashion and Textile. Our curriculum is meticulously crafted to equip students with essential skills needed for success in these dynamic fields. Through theoretical knowledge and hands-on experience, guided by experienced professionals, students gain a strong foundation in design principles, fashion industry insights, draping, machine sewing, pattern making, and more. With state-of-the-art facilities enhancing the learning experience, our graduates are well-prepared to excel in various roles within the fashion and textile industries.

Bachelor of Fashion Design

Our four-year degree programme in Fashion is designed to provide students with a comprehensive set of skills essential for success in the dynamic field of fashion. Throughout the programme, students will be introduced to fundamental concepts and techniques that form the foundation of fashion design. Starting with basic drawing and design principles, students will gain an understanding of the fashion industry and its workings. They will also learn essential skills such as draping, machine sewing, pattern making, and fashion drawing.

Our programme is designed to provide students with a well-rounded education, blending theoretical knowledge with practical hands-on experience. Led by experienced professionals and supported by state-of-the-art facilities, you'll receive a well-rounded education to thrive as a fashion designer, entrepreneur, or in related fields.

Curriculum

| PROGRAMME | CR HRS |
|------------------------------------|--------|
| Bachelor in Fashion Design | 136 |
| Advanced Diploma in Fashion Design | 72 |

Foundation Diploma in Fashion Design

36

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|-------|------|-------|--------|----------|---------------|
|-------|------|-------|--------|----------|---------------|

SEMESTER 1

| | | | | | |
|------------------------------------|--------|----------------------------------|-----------|-----------|--|
| 1 | FAD111 | Introduction to Fashion | 3 | Core | |
| 2 | FAD112 | Basic Drawing | 3 | Core | |
| 3 | FAD113 | Principles & Elements of Design | 3 | Core | |
| 4 | HUM111 | Functional English | 3 | Mandatory | |
| 5 | CSC111 | Introduction to Computer Science | 3 | Mandatory | |
| 6 | HUM112 | Personal Development | 3 | Mandatory | |
| Total Semester Credit Hours | | | 18 | | |

SEMESTER 2

| | | | | | |
|---|--------|-----------------------------------|---|------|--|
| 7 | FAD121 | Basic Illustration (Life Drawing) | 3 | Core | Introduction to Fashion (FAD111) Basic Drawing (FAD112) |
| 8 | FAD122 | Machine Sewing I | 3 | Core | |
| 9 | FAD123 | Pattern Making I | 3 | Core | |

| | | | | | |
|------------------------------------|--------|--|---|-----------|-----------------------------|
| 10 | HUM231 | Communication Skills | 3 | Mandatory | Functional English (HUM111) |
| 11 | HMTI21 | Islamic Studies | 2 | Mandatory | |
| 12 | HMTI22 | Pakistan Studies | 2 | Mandatory | |
| 13 | HUM123 | Introduction to Philosophy & Critical Thinking | 3 | Mandatory | |
| Total Semester Credit Hours | | 19 | | | |

SEMESTER 3

| | | | | | |
|------------------------------------|--------|---------------------------------|---|-----------|-----------------------------|
| 14 | FAD231 | Fashion Illustration I | 3 | Core | Basic Illustration (FAD121) |
| 15 | FAD232 | Draping I | 3 | Core | Pattern Making I (FAD123) |
| 16 | HUM121 | Academic & Professional Writing | 3 | Mandatory | |
| 17 | HUM232 | Ethics & Social Responsibility | 3 | Mandatory | |
| 18 | SSC231 | World History | 3 | Mandatory | |
| 19 | | Elective 1 | 3 | Elective | |
| Total Semester Credit Hours | | 18 | | | |

SEMESTER 4

| | | | | | |
|----|--------|-------------------------|---|------|--|
| 20 | FAD241 | Fashion Illustration II | 3 | Core | Fashion Illustration I (FAD231) |
| 21 | FAD242 | Pattern Making II | 3 | Core | FAD122 (Machine Sewing I), FAD123 (Pattern Making I) |

| | | | | | |
|------------------------------------|--------|---------------------------------------|---|-----------------|--|
| 22 | FAD243 | Machine Sewing II | 3 | Core | FAD122 (Machine Sewing I), FAD123 (Pattern Making I) |
| 23 | HUM241 | World Literature | 3 | Mandatory | |
| 24 | BUS361 | Introduction to Entrepreneurship | 3 | Mandatory | |
| 25 | | Common Optional 1 - Other Departments | 3 | Common Optional | |
| Total Semester Credit Hours | | 18 | | | |

SEMESTER 5

| | | | | | |
|------------------------------------|--------|---------------------------------------|---|-----------------|--|
| 26 | FAD351 | Fashion Illustration III | 3 | Core | Fashion Illustration II (FAD241) |
| 27 | FAD352 | Pattern Making III | 3 | Core | FAD242 (Pattern Making II), FAD243 (Machine Sewing II) |
| 28 | FAD353 | Machine Sewing III | 3 | Core | FAD242 (Pattern Making II), FAD243 (Machine Sewing II) |
| 29 | FAD354 | Draping II | 3 | Core | Draping I (FAD232) |
| 30 | HUM113 | Introduction to Sociology | 3 | Mandatory | |
| 31 | | Common Optional 2 - Other Departments | 3 | Common Optional | |
| Total Semester Credit Hours | | 18 | | | |

| SEMESTER 6 | | | | | |
|------------------------------------|--------|---------------------------------------|---|-----------------|--|
| 32 | FAD361 | Pattern Making IV | 3 | Core | FAD352 (Pattern Making III), FAD353 (Machine Sewing III) |
| 33 | FAD362 | Machine Sewing IV | 3 | Core | FAD352 (Pattern Making III), FAD353 (Machine Sewing III) |
| 34 | FAD363 | Fashion Illustration IV | 3 | Core | Fashion Illustration III (FAD351) |
| 35 | FAD364 | Draping III | 3 | Core | Draping II (FAD354) |
| 36 | FAD365 | Internship | 0 | Core | |
| 37 | | Common Optional 3 - Other Departments | 3 | Common Optional | |
| 38 | | Common Optional 4 - Other Departments | 3 | Common Optional | |
| Total Semester Credit Hours | | 18 | | | |

| SEMESTER 7 | | | | | |
|-------------------|--------|--------------|---|----------|--|
| 39 | FAD471 | Collection I | 3 | Core | Pattern Making III (FAD352), Machine Sewing III (FAD353), Fashion Illustration IV (FAD363) |
| 40 | | Elective 2 | 3 | Elective | |

| | | | | | |
|--------------|--|---------------------------------------|---|-----------------|--|
| 41 | | Common Optional 5 - Other Departments | 3 | Common Optional | |
| 42 | | Common Optional 6 - Other Departments | 3 | Common Optional | |
| 43 | | Common Optional 7 - Other Departments | 3 | Common Optional | |
| Total | | 15 | | | |

| SEMESTER 8 | | | | | |
|------------------------------------|--------|---------------------------------------|---|-----------------|---|
| 44 | FAD481 | Collection II | 6 | Core | Collection I (FAD471), Pattern Making IV (FAD361), Machine Sewing IV (FAD362), Draping III (FAD364) |
| 45 | | Elective 3 | 3 | Elective | |
| 46 | | Common Optional 8 - Other Departments | 3 | Common Optional | |
| Total | | 12 | | | |
| Total Semester Credit Hours | | 136 | | | |

Elective Courses

| S.No | Code | Course Title | Cr Hrs |
|------|--------|----------------------------------|--------|
| 1 | FCC331 | CAD/CAM | 3 |
| 2 | FCM222 | Colors & Medium | 3 |
| 3 | FHA111 | History of Art and Costume | 3 |
| 4 | FID141 | Intermediate Drawing | 3 |
| 5 | FMM123 | Elements of Business | 3 |
| 6 | FMM352 | Consumer Behavior | 3 |
| 7 | FMM363 | Garment Manufacturing Technology | 3 |
| 8 | FPO411 | Portfolio Development | 3 |
| 9 | TED111 | Introduction to Textiles | 3 |
| 10 | TED121 | Print Design 1 | 3 |
| 11 | TED231 | Woven Design | 3 |
| 12 | TED232 | Survey of textile I | 3 |
| 13 | TED241 | Virtual Design 1 | 3 |
| 14 | TED364 | Virtual Design 2 | 3 |
| 15 | TET121 | Experimental Textiles | 3 |
| 16 | TMP121 | Materials & Process I | 3 |
| 17 | TNS251 | Nature study | 3 |
| 18 | TSE331 | Surface Embellishment | 3 |

Courses for Advanced Diploma in Fashion Design

| S.No | Code | Course Title | Cr Hrs |
|------|---------|----------------------------------|--------|
| 1 | FAD-111 | Introduction to Fashion | 3 |
| 2 | FAD-112 | Basic Drawing | 3 |
| 3 | FAD-113 | Principles & Elements of Design | 3 |
| 4 | HUM-111 | Functional English | 3 |
| 5 | CSC-111 | Introduction to Computer Science | 3 |
| 6 | HUM-112 | Personal Development | 3 |
| 7 | FAD-121 | Basic Illustration | 3 |
| 8 | FAD-122 | Machine Sewing-I | 3 |
| 9 | FAD-123 | Pattern Making-I | 3 |
| 10 | HUM-121 | Academic English | 3 |
| 11 | HUM-122 | Pakistan Studies/Islamiyat** | 3 |
| 12 | HUM-123 | Philosophy & Critical Thinking | 3 |
| 13 | FAD-231 | Fashion Illustration-I | 3 |
| 14 | FAD-232 | Draping-I | 3 |
| 15 | TED-111 | Introduction to Textile | 3 |
| 16 | HUM-231 | Communication Skills | 3 |
| 17 | HUM-232 | Ethics and Social Responsibility | 3 |
| 18 | FAD354 | Draping-II | 3 |
| 19 | FAD-241 | Fashion Illustration-II | 3 |
| 20 | FAD-242 | Pattern Making-II | 3 |
| 21 | FAD-243 | Machine Sewing-II | 3 |
| 22 | FAD-352 | Pattern Making-III | 3 |

| | | | |
|----|---------|----------------------------------|-----------|
| 23 | FAD-353 | Machine Sewing-III | 3 |
| 24 | BUS-361 | Introduction to Entrepreneurship | 3 |
| | | Total Credit Hours | 72 |

Courses for Foundation Diploma in Fashion Design

| S.No | Code | Course Title | Cr Hrs |
|------|---------|--|-----------|
| 1 | FAD-111 | Introduction to Fashion | 3 |
| 2 | FAD-112 | Basic Drawing | 3 |
| 3 | FAD-113 | Principles & Elements of Design | 3 |
| 4 | HUM-111 | Functional English | 3 |
| 5 | CSC-111 | Introduction to Computer Science | 3 |
| 6 | HUM-112 | Personal Development | 3 |
| 7 | FAD-121 | Basic Illustration | 3 |
| 8 | FAD-122 | Machine Sewing-I | 3 |
| 9 | FAD-123 | Pattern Making-I | 3 |
| 10 | HUM-121 | Academic English | 3 |
| 11 | HUM-122 | Pakistan Studies/Islamiyat** | 3 |
| 12 | HUM-123 | Introduction to Philosophy & Critical Thinking | 3 |
| | | Total Credit Hours | 36 |

Bachelor of Textile Design

With the Bachelor in Textile Design programme creativity and technical excellence intertwine to shape the future of the textile industry. Our programme is designed to cultivate both the artistic vision and technical expertise needed to excel in textile design, both in the local and international markets. Throughout the four-year full-time bachelor's degree programme,

students are exposed to a comprehensive curriculum that covers a range of essential skills and knowledge. With a focus on practical application and industry relevance, students are equipped with the skills and knowledge to create marketable products that resonate with both local and global audiences.

Curriculum

| PROGRAMME | CR HRS |
|--------------------------------------|--------|
| Bachelor in Textile Design | 136 |
| Advanced Diploma in Textile Design | 72 |
| Foundation Diploma in Textile Design | 36 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| S. No | Code | Title | Cr Hrs | Category | Pre-requisite |
|------------------------------------|--------|----------------------------------|-----------|-----------|---------------|
| SEMESTER 1 | | | | | |
| 1 | TED111 | Introduction to Textile | 3 | Core | |
| 2 | TED112 | Basic Drawing | 3 | Core | |
| 3 | TED113 | Principles & Elements of Design | 3 | Core | |
| 4 | HUM111 | Functional English | 3 | Mandatory | |
| 5 | CSC111 | Introduction to Computer Science | 3 | Mandatory | |
| 6 | HUM112 | Personal Development | 3 | Mandatory | |
| Total Semester Credit Hours | | | 18 | | |

SEMESTER 2

| | | | | | |
|------------------------------------|--------|--|---|-----------|----------------------------------|
| 7 | TED121 | Print Design 1 | 3 | Core | Introduction to Textile (TED111) |
| 8 | TED122 | Basic Drafting | 3 | Core | |
| 9 | TED123 | Textile Manufacturing OR Textile Drawing | 3 | Core | Basic Drawing (TED112) |
| 10 | HUM231 | Communication Skills | 3 | Mandatory | |
| 11 | HMTI21 | Islamic Studies | 2 | Mandatory | |
| 12 | HMTI22 | Pakistan Studies | 2 | Mandatory | |
| 13 | HUM123 | Introduction to Philosophy & Critical Thinking | 3 | Mandatory | |
| Total Semester Credit Hours | | 19 | | | |

SEMESTER 4

| | | | | | |
|------------------------------------|--------|---------------------------------------|---|-----------------|---|
| 20 | TED241 | Virtual Design 1 | 3 | Core | Introduction to Computer Science (CSC111) |
| 21 | TED232 | Survey of Textile 1 | 3 | Core | Print Design 1 (TED121) |
| 22 | TED243 | History of Textile | 3 | Core | Introduction to Textile (TED111) |
| 23 | HUM241 | World Literature | 3 | Mandatory | |
| 24 | BUS361 | Introduction to Entrepreneurship | 3 | Mandatory | |
| 25 | | Common Optional 1 - Other departments | 3 | Common Optional | |
| Total Semester Credit Hours | | 18 | | | |

SEMESTER 3

| | | | | | |
|------------------------------------|--------|---------------------------------|---|-----------|----------------------------------|
| 14 | TED231 | Woven Design | 3 | Core | Introduction to Textile (TED111) |
| 15 | TED242 | Print Design 2 | 3 | Core | Print Design 1 (TED121) |
| 16 | HUM121 | Academic & Professional Writing | 3 | Mandatory | |
| 17 | HUM232 | Ethics & Social Responsibility | 3 | Mandatory | |
| 18 | SSC231 | World History | 3 | Mandatory | |
| 19 | | Elective 1 | 3 | Elective | |
| Total Semester Credit Hours | | 18 | | | |

SEMESTER 5

| | | | | | |
|------------------------------------|--------|---------------------------------------|---|-----------------|------------------------------|
| 26 | TED351 | Survey of Textile 2 | 3 | Core | Survey of Textile 1 (TED232) |
| 27 | TED352 | Weave Project 1 | 3 | Core | Woven Design (TED231) |
| 28 | TED353 | Print Project 1 | 3 | Core | Print Design 2 (TED242) |
| 29 | HUM113 | Introduction to Sociology | 3 | Mandatory | |
| 30 | | Elective 2 | 3 | Elective | |
| 31 | | Common Optional 2 - Other departments | 3 | Common Optional | |
| Total Semester Credit Hours | | 18 | | | |

| SEMESTER 6 | | | | | |
|------------------------------------|--------|---------------------------------------|---|-----------------|----------------------------|
| 32 | TED361 | Survey of Textile 3 | 3 | Core | Survey of Textile (TED351) |
| 33 | TED362 | Print Project 2 | 3 | Core | Print Project 1 (TED353) |
| 34 | TED363 | Weave Project 2 | 3 | Core | Weave Project 1 (TED352) |
| 35 | TED364 | Virtual Design 2 | 3 | Core | Virtual Design 1 (TED241) |
| 36 | TED365 | Internship | 0 | Core | |
| 37 | | Common Optional 3 - Other departments | 3 | Common Optional | |
| 38 | | Common Optional 4 - Other departments | 3 | Common Optional | |
| Total Semester Credit Hours | | 18 | | | |

| SEMESTER 7 | | | | | |
|-------------------|--------|---------------------------------------|---|-----------------|---|
| 39 | TED471 | Design Collection I | 3 | Core | Survey of Textile 3 (TED361), Print Project 2 (TED362), Weave Project 1 (TED352), Virtual Design 2 (TED364) |
| 40 | | Elective 3 | 3 | Elective | |
| 41 | | Common Optional 5 - Other departments | 3 | Common Optional | |

| 42 | | Common Optional 6 - Other departments | 3 | Common Optional | |
|------------------------------------|--------|---------------------------------------|------------|-----------------|------------------------------|
| 43 | | Common Optional 7 - Other departments | 3 | Common Optional | |
| Total Semester Credit Hours | | | 15 | | |
| SEMESTER 8 | | | | | |
| 44 | TED481 | Design Collection II | 6 | Core | Design Collection 1 (TED471) |
| 45 | | Elective 4 | 3 | Elective | |
| 46 | | Common Optional 8 - Other departments | 3 | Common Optional | |
| Total Semester Credit Hours | | | 12 | | |
| Total Credit Hours | | | 136 | | |

Elective Courses

| S.No | Code | Course Title | Cr Hrs |
|------|--------|----------------------------|--------|
| 1 | FHA111 | History of Art and Costume | 3 |
| 2 | FAD111 | Introduction to Fashion | 3 |
| 3 | FAD121 | Basic Illustration | 3 |
| 4 | FAD122 | Machine Sewing 1 | 3 |
| 5 | FAD123 | Pattern Making 1 | 3 |
| 6 | FCM222 | Colors & Medium | 3 |
| 7 | FID141 | Intermediate Drawing | 3 |
| 8 | FMM123 | Elements of Business | 3 |
| 9 | FMM352 | Consumer Behavior | 3 |
| 10 | FPO411 | Portfolio Development | 3 |

| | | | |
|----|--------|-----------------------|---|
| 11 | TAP121 | Applied & Process | 3 |
| 12 | TED211 | Textile Drawing II | 3 |
| 13 | TET121 | Experimental Textiles | 3 |
| 14 | TMP121 | Material & Process I | 3 |
| 15 | TNS251 | Nature Study | 3 |
| 16 | TSE331 | Surface Embellishment | 3 |

Courses for Advanced Diploma in Textile Design

| S.No | Code | Course Title | Cr Hrs |
|------|--------|----------------------------------|--------|
| 1 | TED111 | Introduction to Textile | 3 |
| 2 | FAD112 | Basic Drawing | 3 |
| 3 | FAD113 | Principles & Elements of Design | 3 |
| 4 | HUM111 | Functional English | 3 |
| 5 | CSC111 | Introduction to Computer Science | 3 |
| 6 | HUM112 | Personal Development | 3 |
| 7 | TED121 | Print Design-I | 3 |
| 8 | TED122 | Basic Drafting | 3 |
| 9 | TTM321 | Textile Manufacturing | 3 |
| 10 | HUM121 | Academic English | 3 |
| 11 | FHA111 | History of Art | 3 |
| 12 | HUM123 | Philosophy & Critical Thinking | 3 |
| 13 | TED231 | Woven Design | 3 |
| 14 | TED242 | Print Design-II | 3 |
| 15 | FAD111 | Introduction to Fashion | 3 |

| | | | |
|----|--------|----------------------------------|-----------|
| 16 | HUM231 | Communication Skills | 3 |
| 17 | HUM232 | Ethics and Social Responsibility | 3 |
| 18 | TMP121 | Materials and Process | 3 |
| 19 | TED241 | Virtual Design-I | 3 |
| 20 | TED232 | Survey of Textile-I | 3 |
| 21 | TED243 | History of Textiles | 3 |
| 22 | TSE331 | Surface Embellishment | 3 |
| 23 | TED351 | Survey of Textile-II | 3 |
| 24 | BUS361 | Introduction to Entrepreneurship | 3 |
| | | Total Credit Hours | 72 |

Courses for Foundation Diploma in Textile Design

| S.No | Code | Course Title | Cr Hrs |
|------|--------|----------------------------------|--------|
| 1 | TED111 | Introduction to Textile | 3 |
| 2 | FAD112 | Basic Drawing | 3 |
| 3 | FAD113 | Principles & Elements of Design | 3 |
| 4 | HUM111 | Functional English | 3 |
| 5 | CSC111 | Introduction to Computer Science | 3 |
| 6 | HUM112 | Personal Development | 3 |
| 7 | TED121 | Print Design-I | 3 |
| 8 | TED122 | Basic Drafting | 3 |
| 9 | TTM321 | Textile Manufacturing | 3 |
| 10 | FAD111 | Introduction to Fashion | 3 |
| 11 | FHA111 | History of Art | 3 |

| | | | |
|----|--------|--------------------------------|-----------|
| 12 | HUM123 | Philosophy & Critical Thinking | 3 |
| | | Total Credit Hours | 36 |

Programme Objectives and Outcomes

The Fashion and Design department offers comprehensive education and training for aspiring fashion and design professionals. Our programmes focus on nurturing creativity, honing technical skills, and fostering a deep understanding of the fashion industry's dynamics. Through hands-on experiences, innovative projects, and a commitment to ethical and sustainable practices, we prepare students to excel in the dynamic world of fashion and design.

- Encourage students to unleash their creative potential and develop innovative approaches in fashion and design.
- Equip students with a strong foundation in design principles, enabling them to create aesthetically pleasing and functional fashion products.
- Instil a strong sense of ethical responsibility by emphasizing the importance of fair labour practices, sustainable materials, and mindful consumption.
- Provide hands-on training in various aspects of fashion and design, including pattern-making, garment construction, textile manipulation, and digital design tools.
- Integrate sustainable practices into every stage of the design process.
- Emphasize the importance of ethical standards in fashion and design research.

Career Opportunities

Upon completion of the Bachelor in Fashion and Bachelor in Textile programmes, you will have a wide range of exciting career opportunities in the fashion and textile industries. Some potential career paths include:

- Fashion Designers and Entrepreneurs, creating their own clothing lines or working for established fashion brands.
- Textile Designers, specializing in innovative fabric and pattern designs.
- Fashion Merchandisers and Buyers, managing product selection and purchasing for retail stores.
- Fashion Stylists and Image Consultants, helping clients achieve their desired looks and fashion statements.
- Fashion Journalists and Editors, covering industry trends and events for media outlets.
- Pattern Makers and Garment Technologists, ensuring accurate and efficient clothing production.
- Fashion Illustrators and Graphic Designers, bringing fashion concepts to life through visual representations.
- Textile Researchers and Quality Control Specialists, ensuring the quality and functionality of fabrics and materials.
- Sustainable Fashion Experts, focusing on environmentally friendly and ethical fashion practices.
- Fashion and Textile Educators, imparting knowledge and nurturing future talent in educational institutions.

Programme Facilities and Resources

We provide state-of-the-art facilities and resources to support students in their academic journey and enhance their practical skills. A dynamic space equipped with state-of-the-art tools, offering hands-on learning opportunities in design, patternmaking, garment construction, and textile experimentation. Our facilities include:

- Design Studios
- Textile Studio
- Sewing Studio
- Weaving Studio
- Screen Printing Lab

- Drawing Studio

Admission Requirements

For Bachelor in Fashion and Textile Design programme, students need to meet the following requirements:

- Completed FSc / A Levels / Equivalent with at least 45% marks as certified by IBCC
- Applicants for Bachelor Programmes must take the entrance test. Applicants with acceptable SAT, NTS-NAT, MCAT, GAT General & GAT Subject scores will be exempted from the entrance test. The test will be conducted on a computer and will consist of one hundred MCQs of a two-hour duration. A drawing test will be conducted for the Fashion & Design programme.

Each Academic Department has its own eligibility criteria which varies depending on the programme and department. Scan the QR code for the eligibility criteria for each programme.



Collaborations and Partnerships

Our fashion and textile programmes offer diverse opportunities for students, including participation in renowned Fashion Weeks, a grand Graduation Fashion Show, dedicated Textile Thesis Display, exhibitions, and collaborations with industry professionals. Educational trips and design competitions further enrich their experience.



DEPARTMENT FACULTY



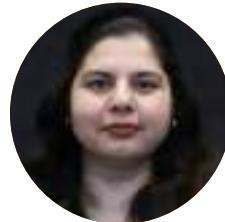
MS. SUMAIRA SAJJAD
Head of Department
Assistant Professor

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Iqra University, Karachi, Pakistan



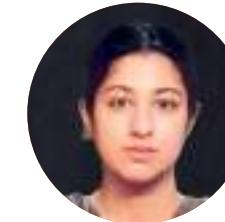
MS. SAMINA ASLAM
Assistant Professor

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Bachelors (Fashion Design)
Iqra University, Karachi, Pakistan



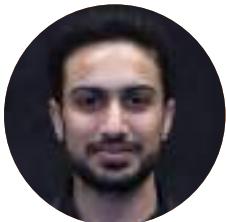
MS. AROOJ SHAHID
Assistant Professor

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Technology, Lahore, Pakistan
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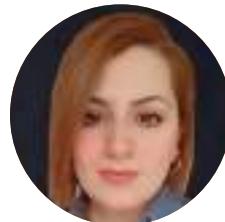
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MR. USMAN REHMAN
Lecturer

Bachelors (Fashion Design)
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MS. QANDEEL ZAHIRA
Lecturer

Bachelors (Fashion Design)
Pakistan Institute of Fashion and
Design, Lahore, Pakistan



MS. TAHEREEM FAROOQ
Lecturer

Bachelors (Textile Design)
Pakistan Institute of Fashion & Design, Lahore,
Pakistan







DEPARTMENT OF MEDIA STUDIES

DEPARTMENT OF MEDIA STUDIES

The innovative and dynamic Media Studies Department at Iqra University is part of a rapidly evolving landscape, we go beyond traditional boundaries to analyze, interpret, and critique diverse media forms, and offer hands-on practical and technical training to prepare students for the media industry. Our interdisciplinary four-year Bachelor of Media Studies degree offers specializations in Film and TV, Animation, and Mass Communication. The department also offers two-year Associate Degree programmes in Film & TV and Animation. With state-of-the-art technology at their disposal, students gain hands-on experience from preproduction to marketing, preparing them for the industry or launching their own productions. We prioritize real-world skills, ensuring each student is well-versed for a successful media career.

Bachelor in Media Studies

Our exclusive four-year Bachelor of Media Studies (BMS) programme shapes highly skilled media professionals and entrepreneurs for the industry's new frontier. Choose from three dynamic specializations - Film & TV, Mass Communication, and Animation - each offering diverse skills coveted in today's job market. Our comprehensive curriculum blends creativity and technical expertise, empowering graduates to lead with innovation in the ever-evolving media landscape.

We prioritize hands-on training and access to cutting-edge equipment, providing students with a real-world experience in their chosen specialization. Our industry experts guide students with passion and vision, unleashing their creative talents and preparing them to meet the demands of the media industry.

Curriculum

| PROGRAMME | CR HRS |
|---------------------------|--------|
| Bachelor in Media Studies | 136 |

Note: The current curriculum is updated according to the guidelines of HEC Undergraduate and Graduate Education Policy 2023.

Semester Wise Plan

| S. No. | Code | Title | Cr Hrs | Category | Pre-requisites |
|--------|------|-------|--------|----------|----------------|
|--------|------|-------|--------|----------|----------------|

SEMESTER 1

| | | | | | |
|------------------------------------|--------|--|-----------|-------|--|
| 1 | DES111 | Introduction to Media Studies | 3 | Major | |
| 2 | ART112 | Drawing and Perspective | 3 | Major | |
| 3 | DES113 | Fundamentals of Design | 3 | Major | |
| 4 | HUM111 | Functional English | 3 | GenEd | |
| 5 | CSC111 | Applied Information and Communication Technology | 3 | GenEd | |
| 6 | HMT231 | Ideology & constitution of Pakistan | 2 | GenEd | |
| Total Semester Credit Hours | | | 17 | | |

SEMESTER 2

| | | | | | |
|----|--------|-----------------------------------|---|-------|--|
| 7 | DES124 | Introduction to Multimedia | 3 | Major | Applied Information and Communication Technology |
| 8 | DES125 | Photography | 3 | Major | Fundamentals of Design |
| 9 | ART126 | Ai and Media Literacy | 3 | Major | Introduction to Media Studies |
| 10 | HMT221 | Islamic Studies | 2 | GenEd | |
| 11 | HMT121 | Academic and Professional Writing | 3 | GenEd | Functional English |

| | | | | | |
|----|--------|------------------------------------|-----------|-------|--|
| 12 | CSC102 | Introduction to Mathematics | 3 | GenEd | |
| | | Total Semester Credit Hours | 17 | | |

SEMESTER 3

| | | | | | |
|----|-----------------------------------|--|-----------|-------|----------------------------|
| 13 | DES214 | Digital Illustration & Manipulation | 3 | Major | Introduction to Multimedia |
| 14 | ART215 | Camera & Lighting Techniques | 3 | Major | Photography |
| 15 | FTV216 / ADV216 / ANM216 / MCM216 | Elective 1 | 3 | Major | |
| 16 | HUM234 | Psychology | 3 | GenEd | |
| 17 | HUM123 | Introduction to Philosophy and Critical Thinking | 2 | GenEd | |
| 18 | DSC101 | Environmental Studies | 3 | GenEd | |
| | | Total Semester Credit Hours | 16 | | |

SEMESTER 4

| | | | | | |
|----|-----------------------------|---------------------|---|-------|----------------------------|
| 19 | DES224 | Digital Audio Video | 3 | Major | Introduction to Multimedia |
| 20 | FTV225/ADV325/ANM225/MCM225 | Elective 2 | 3 | Major | |
| 21 | FTV226/ADV226/ANM226/MCM226 | Elective 3 | 3 | Major | |

| | | | | | |
|----|--------|------------------------------------|-----------|-------|--|
| 22 | BUS362 | Research Methodology | 3 | GenEd | |
| 23 | BUS241 | Entrepreneurship | 2 | GenEd | |
| 24 | HUM232 | Ethics & Social Responsibility | 2 | GenEd | |
| | | Total Semester Credit Hours | 16 | | |

SEMESTER 5

| | | | | | |
|----|-----------------------------|------------------------------------|-----------|--------------------|-------------------------|
| 25 | DES312 | Digital Compositing | 3 | Major | Digital Audio and Video |
| 26 | ART313 | Acting | 3 | Major | Pyschology |
| 27 | FTV314/ADV314/ANM314/ADV216 | Elective 4 | 3 | Major Elective | |
| 28 | FTV315/ADV315/ANM315/FTV315 | Elective 5 | 3 | Major Elective | |
| 29 | FTV316/ADV316/ANM316/MCM316 | Elective 6 | 3 | Major Elective | |
| 30 | | Interdisciplinary Course 1 | 3 | Inter-disciplinary | |
| | | Total Semester Credit Hours | 18 | | |

SEMESTER 6

| | | | | | |
|----|--------|---------------|---|-------|--------------------------------|
| 31 | ART322 | Storyboarding | 3 | Major | Drawing & Perspective / Acting |
|----|--------|---------------|---|-------|--------------------------------|

| | | | | | |
|----|---|------------------------------------|-----------|--------------------|----------------------------|
| 32 | DES322 | Media Delivery Methods | 3 | Major | Digital Audio and Video |
| 33 | FTV325/ ADV325/ ANM325/ MCM325 | Elective 7 | 3 | Major Elective | |
| 34 | FTV326/ ADV326/ ANM326/ ART413 | Elective 8 | 3 | Major Elective | |
| 35 | | Interdisciplinary Course 2 | 3 | Inter-disciplinary | |
| 36 | ART324 | Emerging Trends in Social Media | 3 | Major | Introduction to Multimedia |
| | | Total Semester Credit Hours | 18 | | |

| | | | | | |
|----|---|------------------------------------|------------|--------------------|--|
| 45 | FTV422/ ADV422/ ANM422/ ART422 | Elective 12 | 3 | Major | |
| 46 | FTV423/ ADV423/ ANM423/ MCM423 | Elective 13 | 3 | Major | |
| 47 | | Interdisciplinary Course 4 | 3 | Inter-disciplinary | |
| | | Total Semester Credit Hours | 16 | | |
| | | Total Credit Hours | 136 | | |

SEMESTER 7

| | | | | | |
|----|---|------------------------------------|-----------|--------------------|---------------------------------|
| 37 | ART412 | Project 1 | 3 | Major | Storyboarding |
| 38 | ART413 | Documentary Writing & Direction | 3 | Major | Emerging Trends in Social Media |
| 39 | FTV414/ ADV414/ ANM414/ FTV422 | Elective 9 | 3 | Major Elective | |
| 40 | FTV415/ ADV415/ ANM415/ ADV414 | Elective 10 | 3 | Major Elective | |
| 41 | FTV416/ ADV416/ ANM416/ FTV414 | Elective 11 | 3 | Major Elective | |
| 42 | | Interdisciplinary Course 3 | 3 | Inter-disciplinary | |
| | | Total Semester Credit Hours | 18 | | |

SEMESTER 8

| | | | | | |
|----|---------|------------|---|------------------|------------|
| 43 | ART425 | Project 2 | 4 | Capstone Project | Project 1 |
| 44 | Art 424 | Internship | 3 | Internship | Production |

Elective Courses**FILM & TV**

| | |
|--------|--|
| FTV216 | History of Film TV and Animation |
| FTV225 | Scriptwriting |
| FTV226 | Location & Sound Recording OR Sound Design |
| FTV314 | Direction |
| FTV315 | Art & Design Concepts OR Film Design |
| FTV316 | Broadcasting |
| FTV325 | Aesthetics of Editing |
| FTV326 | Art Direction |
| FTV414 | Production |
| FTV415 | Art Direction OR Screenplay Writing |
| FTV416 | CLT 2/ Virtual Production |
| FTV422 | News & TV Studio Production OR Media Portfolio |
| FTV423 | Theories of Film |

ADVERTISING

| | |
|--------|---|
| ADV216 | Principles of Advertising |
| ADV225 | Copywriting & Visualization |
| ADV226 | Brand Management |
| ADV314 | Art & Design Concepts |
| ADV315 | Image Post Processing |
| ADV316 | Media Planning & Buying |
| ADV325 | Packaging & Printing |
| ADV326 | Media Design |
| ADV414 | Event Management |
| ADV415 | Art Direction |
| ADV416 | Client Service & Acct Mgmt |
| ADV422 | TVC Production |
| ADV423 | Creative Advertising Campaign Development |

ANIMATION

| | |
|--------|--|
| ANM216 | Life Drawing |
| ANM225 | Digital Painting |
| ANM226 | 2D & Traditional Animation |
| ANM314 | Concept Art |
| ANM315 | Sculpture & 3D Modeling |
| ANM316 | 3D Camera, Lighting, Texturing & Rendering |
| ANM325 | Character Design |
| ANM326 | 3D Animation Design I |

| | |
|--------|------------------------|
| ANM414 | 3D Animation Design II |
| ANM415 | 3D Rigging & Skinning |
| ANM416 | Character Methodology |
| ANM422 | Visual Effects |
| ANM423 | Concepts and Practices |

MASS COMMUNICATION

| | |
|--------|---------------------------------|
| MCM216 | News Writing & Reporting |
| MCM225 | Online Journalism |
| MCM226 | Media & Politics |
| ADV216 | Principles of Advertising |
| FTV315 | Sound Design |
| MCM316 | Investigative Journalism |
| MCM325 | Media Research |
| ART413 | Documentary Writing & Direction |
| FTV422 | News TV & Studio Production |
| ADV414 | Event Management |
| FTV414 | Production |
| ART422 | Media Portfolio |
| MCM423 | Theories of communication |

Associate Degree Programme (Film & TV and Animation)

The primary objective of an Associate Degree is to provide students with the fundamental abilities and information needed to begin working in a given sector. It acts as the base for many individuals to build on additional educational accomplishments. ADPs can let students explore their academic talents and interests, in addition to requiring fewer completed credit hours than conventional 4-year bachelor's degree programmes. Having an ADP can increase your income potential and open growth opportunities as well as enhanced work security. In the field of media, one must possess the skills and drive to succeed in a competitive industry. Students can choose their two-year degree in either Film and TV or Animation.

Curriculum

| PROGRAMME | CR HRS |
|--|--------|
| Associate Degree Programme (Film & TV) | 67 |
| Associate Degree Programme (Animation) | 67 |

Note: The current curriculum is updated according to the guidelines of HEC Undergraduate and Graduate Education Policy 2023.

Semester Wise Plan

SEMESTER 1

| S. No. | Code | Title | Cr Hrs | Category | Pre-requisites |
|--------|--------|-------------------------------|--------|----------|----------------|
| 1 | DES111 | Introduction to Media Studies | 3 | Major | |
| 2 | ART112 | Drawing and Perspective | 3 | Major | |
| 3 | DES113 | Fundamentals of Design | 3 | Major | |

| | | | | | |
|------------------------------------|--------|---|---|-------|--|
| 4 | HUM111 | Functional English | 3 | GenEd | |
| 5 | CSC111 | Applied Info & Communication Technology | 3 | GenEd | |
| 6 | HMT231 | Ideology & constitution of Pakistan | 2 | GenEd | |
| Total Semester Credit Hours | | 17 | | | |

SEMESTER 2

| | | | | | |
|------------------------------------|------------------------|-----------------------------------|---|-------|---|
| 1 | DES124 | Introduction to Multimedia | 3 | Major | Applied Info & Communication Technology |
| 2 | DES125 | Photography | 3 | Major | Fundamentals of Design |
| 3 | FTV216/ ADV216/ ANM216 | Elective 1 | 3 | Major | |
| 4 | HMT221 | Islamic Studies | 3 | GenEd | |
| 5 | HUM121 | Academic and Professional Writing | 3 | GenEd | Fundamentals of Design |
| 6 | CSC102 | Introduction to Mathematics | 2 | GenEd | |
| Total Semester Credit Hours | | 17 | | | |

| SEMESTER 3 | | | | | |
|-------------------|------------------------------|---|-----------|-------|----------------------------|
| 1 | DES214 | Digital Illustration & Manipulation | 3 | Major | Introduction to Multimedia |
| 2 | ART215 | Camera & Lighting Techniques | 3 | Major | Photography |
| 3 | DSC101 | Environmental Studies | 3 | GenEd | |
| 4 | HUM123 | Intro to Philosophy & Critical Thinking | 2 | GenEd | |
| 5 | FTV225/ ADV225/ ANM226 | Elective 2 | 3 | Major | |
| 6 | HUM234 | Psychology | 2 | GenEd | |
| | | Total Semester Credit Hours | 16 | | |

| SEMESTER 4 | | | | | |
|-------------------|------------------------------|------------------------------------|-----------|-------|----------------------------|
| 1 | DES224 | Digital Audio Video | 3 | Major | Introduction to Multimedia |
| 2 | FTV315/ ADV226/ ANM325 | Elective 3 | 3 | Major | |
| 3 | FTV316/ ADV325/ ANM326 | Elective 4 | 3 | Major | |
| 4 | FTV325/ ADV316/ ANM414 | Elective 5 | 3 | Major | |
| 5 | BUS362 | Research Methodology | 3 | GenEd | |
| 6 | BUS241 | Entrepreneurship | 2 | GenEd | |
| | | Total Semester Credit Hours | 17 | | |

Elective Courses

ADP FILM & TV

| | |
|--------|----------------------------------|
| FTV216 | History of Film TV and Animation |
| FTV225 | Storytelling & Scriptwriting |
| FTV315 | Film Design |
| FTV316 | Broadcasting OR Direction |
| FTV325 | Aesthetics of Editing |

ADP ANIMATION

| | |
|--------|----------------------------|
| ANM216 | Life Drawing |
| ANM226 | 2D & Traditional Animation |
| ANM325 | Character Design |
| ANM326 | 3D Animation Design I |
| ANM414 | 3D Animation Design II |

Programme Objectives and Outcomes

The Media Studies department offers comprehensive education in the field of media, focusing on developing critical skills and knowledge necessary for success in today's media landscape. Our courses emphasize creativity, effective communication, and ethical considerations, empowering students to navigate the evolving media industry with confidence and contribute meaningfully to the world of communication and storytelling.

- Develop students' abilities to convey messages clearly and creatively across various media platforms.
- Instill a strong sense of ethical responsibility and awareness in media content creation.
- Encourage the ability to discern credible sources and identify bias.

es within media content.

- Provide opportunities for students to work together on projects mirroring real-world media production environments.
- Stay updated with emerging media technologies and trends, preparing students for the rapidly changing media landscape.
- Encourage research initiatives that contribute to the academic understanding of media and communication.
- Bridge the gap between theoretical knowledge and practical application through hands-on projects and assignments.

Career Opportunities

Upon completion of the respective programmes, our graduates can pursue a wide range of exciting career opportunities. Some of the potential career paths for our media students include:

- Media Production: Producers, directors, cinematographers, editors, and sound engineers for film, TV, commercials, and multimedia projects.
- Broadcasting: Presenters, reporters, anchors, radio jockeys, producers, and technicians in TV and radio, covering news, sports, entertainment, and specialized programmes.
- Advertising and Public Relations: Copywriters, media planners, account executives, brand managers, and PR specialists creating campaigns and managing media relations.
- Journalism: Reporters, journalists, news writers, editors, and investigative journalists in print, online, or broadcast media outlets.
- Digital Media and Social Media: Content creators, social media managers, digital marketers, and trend analysts in digital and social media companies.
- Media Management: Coordinators, planners, researchers, and consultants ensuring effective media planning and execution.
- Freelancing and Entrepreneurship: Graduates can establish their own media-related ventures, such as production companies, advertising agencies, or content creation platforms.

Programme Facilities and Resources

We provide state-of-the-art facilities and resources to support students in their academic journey and enhance their practical skills. From hands-on filmmaking with top-notch equipment to state-of-the-art media studios and advanced animation systems, we empower students to unleash their creative talents and technical expertise in the industry's evolving landscape. Our facilities include:

- Dedicated Media Studio for Film & TV Production with MCR
- Specialized Animation and Editing Lab
- Filmmaking Cameras/Equipment for Student Projects

Admission Requirements

For Bachelor in Media Studies programme students need to meet the following requirements:

- For Undergraduate programmes, the applicant must have completed FSc / A Levels / Equivalent with at least 45% marks as certified by IBCC. For the Associate Degree Programme minimum of 35% marks in FSc / A Levels / Equivalent are required.
- Applicants for Bachelor Programmes must take the entrance test. Applicants with acceptable SAT, NTS-NAT, MCAT, GAT General & GAT Subject scores will be exempted from the entrance test. The test will be conducted on a computer and will consist of one hundred MCQs of a two-hour duration.

Each Academic Department has its own eligibility criteria which varies depending on the programme and department. Scan the QR code for the eligibility criteria for each programme.



Collaborations and Partnerships

The programmes offer comprehensive support and engaging activities to enrich students' learning experiences. Students can take part in national media events, showcasing their talents and networking with industry professionals. They also actively contribute to the production of university promotional material, gaining hands-on experience in video production, advertisements, and campaigns. Seminars and guest lectures by industry experts provide valuable insights into the media landscape and encourage students to expand their knowledge. Moreover, collaborations with media houses offer real-world project opportunities, and internship placements facilitate hands-on experience within media organizations.



DEPARTMENT FACULTY



Dr. MAJID ALI SHAH
Head of Department
Assistant Professor

PhD (Communications & Media Management)
Girne American University, North Cyprus.

MS (Journalism & Broadcasting)
Girne American University, North Cyprus.

Master's (Journalism & Mass Communication)
Gomal University, Dera Ismail Khan, Pakistan.



MR. JAWAD ISHAQ RANA
Assistant Professor

M.Phil (International Relations)
National University of Modern Languages,
Islamabad, Pakistan
MSc (Mass Communication)
Allama Iqbal Open University, Islamabad, Pakistan
BSc (Journalism)
University of Kansas, United States of America



MR. SYED OKASHA NADEEM
Lecturer

MS (Media Arts & Production)
University of Technology,
Sydney, Australia
BS. Hons. (Media Studies)
Bahria University, Islamabad, Pakistan



MS. SHIRIN AHMED
Lecturer

MFA (Photography)
Beijing Film Academy,
Beijing, China
BS (Media Studies & Journalism)
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MR. MUHAMMAD UMAR
Lecturer

Bachelors (Fine Arts)
National College of Arts,
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MS. ZUHAA KHALID
Lecturer

MS (Media & Communication Studies)
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Pakistan
BS (Media & Communication Studies)
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MS. AMIRA KHALID
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MSc (Multimedia Arts)
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Bachelors (Fine Arts)
National College of Arts, Rawalpindi, Pakistan

**MR. ZAINULLAH KHAN**

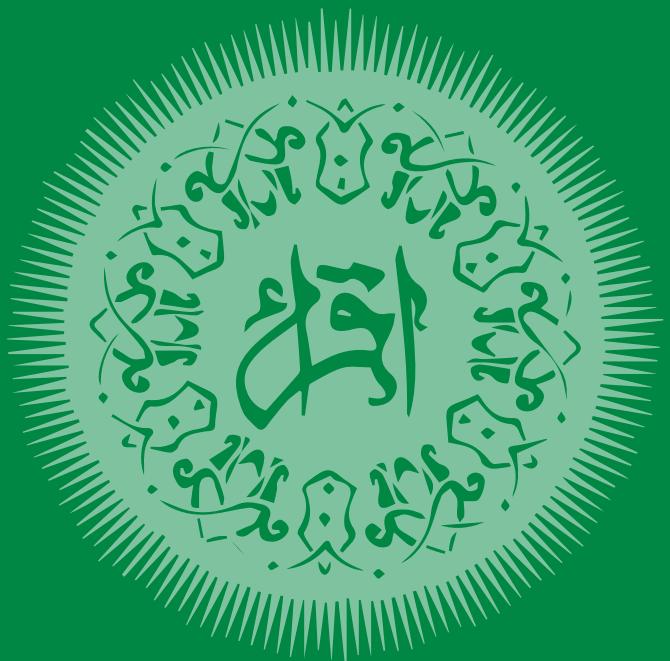
Lecturer

MS (Media Studies)Bahria University,
Islamabad, Pakistan**BS (Media Studies & Mass Communication)**Iqra National University,
Peshawar, Pakistan.**MR. HAFIZ MUHAMMAD SAAD ALTAF**

Lecturer

MS (Media Studies)Riphah International University,
Rawalpindi, Pakistan.**BS (Mass Communication)**National University of Modern Languages,
Islamabad, Pakistan.





DEPARTMENT OF SOCIAL SCIENCES

Department of Social Sciences

The Department of Social Sciences is where a world of opportunities awaits you in the fields of Development Studies, Social Sciences, International Relations, Psychology, Economics, and English.

Our undergraduate programmes provide a comprehensive and multidisciplinary approach to understanding the complexities of society, while our graduate programmes in International Relations and International Development Studies equip students with specialized knowledge and skills to tackle global challenges. Embrace a transformative educational journey with us as we empower you to make a lasting impact in the realms of social sciences and international relations.

Bachelor of Science in Development Studies / Social Sciences

The Department of Social Sciences provides the best education, preparing you for the challenges of global development. With cutting-edge resources and practical experiences, our comprehensive curriculum nurtures critical thinking, problem-solving skills, intercultural competence, and ethical awareness. Discover diverse career paths in healthcare, NGOs, government agencies, and the private sector, where you can make a positive impact and contribute to a more equitable and sustainable world. Engage in academic debates, undertake development research, and analyze policies to shape a brighter future through our BSDS programme.

Curriculum

| PROGRAMME | CR HRS |
|--|--------|
| Bachelor of Science in Development Studies / Social Sciences | 136 |
| Bachelor of Science in Development Studies / Social Sciences (2.5 yrs) | 75 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 1

| | | |
|--------|-------------------------------------|-----------|
| HUM111 | Functional English | 3 |
| DS100 | Introduction to Development Studies | 3 |
| HUM112 | Personal Development | 3 |
| | Elective | 3 |
| CSC111 | Introduction to Computer Science | 3 |
| HMT302 | Introduction to Psychology | 3 |
| | Total Semester Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 2

| | | |
|--------|--|-----------|
| HS103 | Pakistan Studies | 2 |
| HS102 | Islamic Studies | 2 |
| HUM231 | Communication Skills | 3 |
| HMT301 | Sociology | 3 |
| DS120 | Culture, Gender and Inequality: Basic Issues | 3 |
| ASC100 | Introduction to Math | 3 |
| | Total Semester Credit Hours | 16 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 3

| | | |
|--------|-----------------------------------|---|
| HUM121 | Academic and Professional Writing | 3 |
| HUM232 | Ethics and Social Responsibility | 3 |
| SSC231 | World History | 3 |

| | | |
|-------------------|--|-----------|
| | Elective | 3 |
| DS207 | Globalization and Development | 3 |
| MGT201 | Principles of Management | 3 |
| | Total Semester Credit Hours | 18 |
| Course No. | Subject | Cr. Hr. |
| SEMESTER 4 | | |
| DS132 | Pakistan Studies | 3 |
| | Islamic Studies | 3 |
| HUM241 | Communication Skills | 3 |
| HUM233 | Sociology | 3 |
| DS103 | Culture, Gender and Inequality: Basic Issues | 3 |
| BUS361 | Introduction to Math | 3 |
| | Total Semester Credit Hours | 18 |
| Course No. | Subject | Cr. Hr. |
| SEMESTER 5 | | |
| | Introduction to Statistics | 3 |
| | Elective | 3 |
| | World Literature | 3 |
| DS311 | Introduction to Philosophy & Critical Thinking | 3 |
| DS220 | Theories of Development | 3 |
| DS202 | Introduction to Entrepreneurship | 3 |
| | Total Semester Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|-------------------|--|-----------|
| SEMESTER 6 | | |
| | Elective | 3 |
| | Elective | 3 |
| DS400 | Poverty Alleviation Issues, Debates & Strategies | 3 |
| DS208 | Population and Development | 3 |
| MDS112 | Introduction to Social Media | 3 |
| FHA131 | History of Art | 3 |
| | Total Semester Credit Hours | 16 |
| Course No. | Subject | Cr. Hr. |
| SEMESTER 7 | | |
| | Elective | 3 |
| DS309 | Environment and Sustainable Development | 3 |
| BUS122 | Fundamentals of Marketing | 3 |
| MDS111 | Introduction to Mass Communication | 3 |
| | Elective | 3 |
| | Total Semester Credit Hours | 15 |
| Course No. | Subject | Cr. Hr. |
| SEMESTER 8 | | |
| | Elective | 3 |
| | Total Semester Credit Hours | 15 |

Elective Courses

| Course No. | Subject | Cr. Hr. |
|------------|--|---------|
| DS101 | Introduction to Environmental Science | 3 |
| DS102 | Issues in Sustainable Development | 3 |
| DS105 | Sociology of Development | 3 |
| DS106 | History of Development | 3 |
| DS108 | Human Resource: Development & Management | 3 |
| DS109 | Democracy and Development | 3 |
| DS122 | Women, Culture & Politics | 3 |
| DS155 | Contemporary Issues in Islam | 3 |
| DS160 | Introduction to Political Science | 3 |
| DS164 | World History | 3 |
| DS171 | Foreign Policy of Pakistan | 3 |
| DS202 | Rural Development- Issues and Perspectives | 3 |
| DS205 | Community Development: Basic Issues & Strategies | 3 |
| DS206 | Urban Development- Issues and Perspectives | 3 |
| DS207 | Globalization & Development | 3 |
| DS210 | Governance and Development | 3 |
| DS211 | Development Planning: Issues & Perspectives | 3 |
| DS231 | International Trade | 3 |
| DS233 | Economic issues in Dev Countries | 3 |
| DS241 | Conflict & Conflict Resolution | 3 |
| DS242 | International & regional Organizations | 3 |
| DS243 | Foreign Policy Analysis | 3 |

| | | |
|-------|---|---|
| DS250 | Foundations of Social Science | 3 |
| DS252 | Social Development: Issues, Debates & Experiments | 3 |
| DS255 | Rural Sociology | 3 |
| DS260 | Religion, Politics & Development | 3 |
| DS261 | Political Development: Issues & Perspectives | 3 |
| DS265 | International Environmental Politics | 3 |
| DS305 | Globalization & Developing Countries | 3 |
| DS311 | Development Project: Planning, Implementation & Mgt | 3 |
| DS321 | Gender Issues: rural & urban contexts | 3 |
| DS331 | Statistical Tools for Social Sciences | 3 |
| DS332 | Econometrics | 3 |
| DS334 | Comparative Economic Systems | 3 |
| DS335 | International Economics | 3 |
| DS340 | Modern History of International Relations | 3 |
| DS345 | Foreign Policy of Dev. Countries | 3 |
| DS350 | Social & Political Movements | 3 |
| DS360 | Politics of Developing Countries | 3 |
| DS402 | Developing Countries & Governance Issues | 3 |
| DS403 | Comparative Development | 3 |
| DS406 | Development Aid: Theory & Practice | 3 |
| DS410 | Global Environmental Governance | 3 |
| DS413 | Project Appraisal & Evaluation | 3 |
| DS430 | W.T.O. & Developing Countries | 3 |
| DS440 | Global Security in the Post-Cold War Era | 3 |
| DS470 | American Foreign Policy | 3 |

| | | |
|-------|--------------------------------|---|
| DS480 | International Law | 3 |
| DS483 | International Human Rights Law | 3 |

Bachelor of Science in International Relations

Equipping the current and future leaders with the skills to thrive in the ever-evolving global landscape. Our programme explores interactions among states and non-state actors, covering traditional issues like war and trade, as well as non-traditional topics like human rights and global development. With experienced faculty and rigorous research opportunities, our students gain expertise in critical analysis and research methods.

Curriculum

| PROGRAMME | CR HRS |
|--|--------|
| Bachelor of Science in International Relations | 136 |
| Bachelor of Science in International Relations (2.5 yrs) | 75 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course No. | Subject | Cr. Hr. |
|-------------------|---|---------|
| SEMESTER 1 | | |
| HUM111 | Functional English | 3 |
| --- | Elective | 3 |
| HUM112 | Personal Development | 3 |
| IR101 | Introduction to International Relations Introduction to Computer Science | 3 |
| CSC111 | Introduction to Psychology | 3 |

| | | |
|--------|------------------------------------|-----------|
| HMT302 | Introduction to Psychology | 3 |
| | Total Semester Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 2

| | | |
|---------|------------------------------------|-----------|
| HS103 | Pakistan Studies | 3 |
| HS102 | Islamic Studies | 3 |
| HUM 231 | Communication Skills | 3 |
| HMT301 | Sociology | 3 |
| --- | Elective | 3 |
| ASC100 | Introduction to Math | 3 |
| | Total Semester Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 3

| | | |
|--------|---|-----------|
| HUM121 | Academic and Professional Writing | 3 |
| HUM232 | Ethics and Social Responsibility | 3 |
| SSC231 | World History | 3 |
| IR201 | Modern History of International Relations | 3 |
| --- | Elective | 3 |
| MGT201 | Principles of Management | 3 |
| | Total Semester Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 4

| | | |
|-------|----------------------------|---|
| DS132 | Introduction to Statistics | 3 |
| IR480 | International Law | 3 |

| | | |
|------------------------------------|--|-----------|
| HUM241 | World Literature | 3 |
| HUM233 | Introduction to Philosophy & Critical Thinking | 3 |
| --- | Elective | 3 |
| BUS361 | Introduction to Entrepreneurship | 3 |
| Total Semester Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 5

| | | |
|------------------------------------|-----------------------------------|-----------|
| DS330 | International Political Economy | 3 |
| IR103 | Introduction to Political Science | 3 |
| HMT401 | Research Methods & Skills | 3 |
| --- | Elective | 3 |
| --- | Elective | 3 |
| --- | Elective | 3 |
| Total Semester Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 6

| | | |
|------------------------------------|------------------------------|-----------|
| IR342 | Global Security | 3 |
| IR234 | Foreign Policy of Pakistan | 3 |
| --- | Elective | 3 |
| --- | Elective | 3 |
| MDSI12 | Introduction to Social Media | 3 |
| FHA131 | History of Art | 3 |
| Total Semester Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 7

| | | |
|------------------------------------|---|-----------|
| IR338 | Global Development, Human Rights and IR | 3 |
| --- | Elective | 3 |
| BUS122 | Fundamentals of Marketing | 3 |
| MDS111 | Introduction to Mass Communication | 3 |
| IR320 | Women and Politics | 3 |
| Total Semester Credit Hours | | 15 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 8

| | | |
|-----|------------------------------------|-----------|
| --- | Elective | 3 |
| --- | Total Semester Credit Hours | 15 |

Elective Courses

| Course No. | Subject | Cr. Hr. |
|------------|--|---------|
| IR 230 | Foreign Policy Analysis | 3 |
| IR 240 | Foreign Policy of Developing Countries | 3 |
| IR 242 | Foreign Policy of Developing Countries | 3 |
| IR 262 | Contemporary Political Ideologies | 3 |
| IR 264 | Global Issues | 3 |

| | | |
|--------|--|---|
| IR 301 | Theories of Development | 3 |
| IR 302 | Politics of Developing Countries | 3 |
| IR 303 | Government and Politics in Pakistan | 3 |
| IR 306 | Politics of Development | 3 |
| IR 305 | Globalization in Developing Countries | 3 |
| IR 320 | Women and Politics | 3 |
| IR 321 | American Foreign Policy | 3 |
| IR 334 | Political Economy of Development | 3 |
| IR335 | Conflict & Conflict Resolutions | 3 |
| IR 341 | Islam and International Relations | 3 |
| IR 342 | Global Security | 3 |
| IR 343 | World Peace, Issues and Perspectives | 3 |
| IR 344 | US Foreign Policy: Post-Cold War Era | 3 |
| IR 345 | International Terrorism | 3 |
| IR 350 | Social and Political Movements | 3 |
| IR 355 | Public Sector Reforms | 3 |
| IR 362 | International Trade | 3 |
| IR 430 | W.T.O & Developing Countries | 3 |
| IR 441 | Foreign Policies of Great Power | 3 |
| IR 444 | Globalization & Regional Cooperation | 3 |
| IR 442 | Issues in North-South Relation | 3 |
| IR 463 | Global Governance | 3 |
| IR 464 | Politics of International Financial Issues | 3 |
| IR 465 | Human Right & International Relations | 3 |
| IR 466 | International Environment Politics | 3 |

| | | |
|--------|--|---|
| IR 470 | State and Society in South Asia | 3 |
| IR 472 | International Politics of South Asia | 3 |
| IR 474 | Government and Politics in the Middle East | 3 |
| IR 475 | International Politics of Middle East | 3 |
| IR 478 | Government and Politics in Central Asia | 3 |
| IR 479 | International Politics of Central Asia | 3 |
| IR 481 | International Human Rights Law | 3 |
| IR 482 | Human Right and Development | 3 |
| IR 483 | Advanced Research Techniques | 3 |
| IR 485 | International Sustainable Development | 3 |
| IR 486 | Selected Readings | 3 |
| IR 487 | Independent Study I | 3 |
| IR 488 | Independent Study II | 3 |
| IR 489 | Special Topics | 3 |
| DS430 | W.T.O. & Developing Countries | 3 |
| DS440 | Global Security in the Post-Cold War Era | 3 |
| DS470 | American Foreign Policy | 3 |
| DS480 | International Law | 3 |
| DS483 | International Human Rights Law | 3 |

Bachelor of Science in Psychology

The undergraduate degree provides the essential knowledge and skills to pursue a rewarding career in this field. We provide quality education, meet the mental health care needs of humanity, and foster a multi-disciplinary approach to learning. Our cutting-edge facilities and resources ensure students gain both theoretical knowledge and practical experience, preparing them for diverse career opportunities offering a range of opportunities in various sectors such as mental health clinics, human

resource departments, community outreach, rehabilitation centres, sales and marketing departments, education sector and research departments of both public and private sector organizations.

Curriculum

| PROGRAMME | CR HRS |
|-----------------------------------|--------|
| Bachelor of Science in Psychology | 136 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| BS-PSY Semester Plan | | | | |
|------------------------------------|--------|------------------------------------|-----------|---------|
| S.No | Code | Title | | Pre-Req |
| SEMESTER 1 | | | | |
| 1 | PFC311 | Introduction to Psychology | 3 | None |
| 2 | SSC311 | Introduction to Future Studies | 3 | None |
| 3 | HUM232 | Ethics and Social Responsibility | 3 | None |
| 4 | FQR311 | General Mathematics | 3 | None |
| 5 | HUM111 | Functional English - (English -I) | 3 | None |
| 6 | HS103 | Pakistan Studies | 2 | None |
| Total Semester Credit Hours | | | 17 | |

SEMESTER 2

| | | | | |
|----|--------|---------------------------------------|---|--------|
| 7 | CSC111 | Introduction to Computers | 3 | |
| 8 | HUM231 | Communication Skills - English II | 3 | HUM111 |
| 9 | HS102 | Islamic Studies/Ethics | 2 | |
| 10 | HUM112 | Personal Development | 3 | |
| 11 | HUM233 | Philosophy & Critical Thinking Skills | 3 | |

| | | | | |
|------------------------------------|---------|------------------|---|-----------|
| 12 | NSC 422 | Food & Nutrition | 3 | |
| Total Semester Credit Hours | | | | 17 |

SEMESTER 3

| | | | | |
|------------------------------------|--------|--|---|-----------|
| 13 | HUM121 | Academic & Professional Writing | 3 | HUM231 |
| 14 | SSC231 | World History | 3 | HUM231 |
| 15 | PFC412 | Social Psychology | 3 | PDC321 |
| 16 | PFC413 | Applied Areas of Psychology | 2 | PFC311 |
| 17 | PFC414 | Schools and Perspectives in Psychology | 2 | PFC311 |
| 18 | DS100 | Introduction to Developmental Studies | 3 | |
| 19 | PFC415 | Theories of Personality | 2 | PFC311 |
| Total Semester Credit Hours | | | | 18 |

SEMESTER 4

| | | | | |
|------------------------------------|--------|----------------------------------|---|-----------|
| 20 | PDC616 | Sociology/Guidance & Counseling | 3 | PFC412 |
| 21 | PFC426 | The Ethical Issues in Psychology | 3 | PFC413 |
| 22 | PPC422 | Positive Psychology | 3 | PFE311 |
| 23 | PPR511 | Statistics in Psychology | 3 | |
| 24 | PDC422 | Public Speaking | 3 | FEW311 |
| 25 | PPR512 | Research Methods - I | 3 | FEW413 |
| Total Semester Credit Hours | | | | 18 |

SEMESTER 5

| | | | | |
|----|--------|------------------------------|---|--------|
| 26 | HUM241 | World Literature | 3 | HUM121 |
| 27 | PPC423 | Developmental Psychology | 3 | PFC415 |
| 28 | NSC321 | Biological Bases of Behavior | 3 | |
| 29 | PPR513 | Research Methods - II | 3 | PPR512 |

| | | | | |
|------------------------------------|--------|---|---|--------|
| 30 | PPR514 | Data Analysis Using Statistical Software | 3 | PPR511 |
| 31 | PFC527 | Psychopathology | 3 | PPC421 |
| 32 | | Active Citizenship, Volunteerism/Community Work (Mandatory) | 0 | |
| 33 | PFE511 | Experimental Psychology I | 3 | PFC412 |
| Total Semester Credit Hours | | 21 | | |

SEMESTER 6

| | | | | |
|------------------------------------|--------|-----------------------------------|---|--------|
| 34 | PPC514 | Health Psychology | 3 | PPC423 |
| 35 | PPC525 | Environmental Psychology (Maj) | 3 | PPC422 |
| 36 | PPC526 | Gender Issues in Psychology (Maj) | 3 | PPC422 |
| 37 | PPC527 | Cross Cultural Psychology | 3 | PPC422 |
| 38 | PFE522 | Experimental Psychology-II | 3 | PFE511 |
| Total Semester Credit Hours | | 15 | | |

SEMESTER 7

| | | | | |
|------------------------------------|--------|--------------------------------------|---|--------|
| 39 | PFE613 | Psychological Assessment - theory | 2 | PFC527 |
| 40 | PFE614 | Psychological Assessment - Practical | 2 | PFC527 |
| 41 | PPR615 | Research Project (Pass/Fail) | 2 | PPR513 |
| 42 | PPC618 | Peace Psychology (Maj) | 3 | PPC527 |
| 43 | BUS241 | Introduction to Entrepreneurship | 3 | |
| 44 | PPC421 | Cognitive Psychology | 3 | PPC423 |
| Total Semester Credit Hours | | 15 | | |

| Six Weeks Internship (Mandatory) | | | | |
|---|--------|------------------------------|-----------|--------|
| SEMESTER 8 | | | | |
| 45 | PEC621 | Elective I | 3 | PFC527 |
| 46 | PEC622 | Elective II | 3 | PFC527 |
| 47 | PEC623 | Elective III | 3 | PFC527 |
| 48 | PEC624 | Elective IV | 3 | PFC527 |
| 49 | PPR626 | Group Research | 1 | PPR513 |
| 50 | PPR626 | Research Project (Pass/Fail) | 2 | PPR513 |
| Total Semester Credit Hours | | | 15 | |

Elective Courses

| S.No | Course | Cr.Hrs |
|------|--------------------------------|--------|
| 1 | Clinical Psychology | 3 |
| 2 | Counseling Psychology | 3 |
| 3 | Organizational Psychology | 3 |
| 4 | Educational Psychology | 3 |
| 5 | Forensic Psychology | 3 |
| 6 | Neuropsychology | 3 |
| 7 | Psychology of Aging | 3 |
| 8 | Sports Psychology | 3 |
| 9 | Military Psychology | 3 |
| 10 | Disaster and Trauma Management | 3 |
| 11 | Family Psychology | 3 |

Bachelor of Science in Economics

Over four years, the students are immersed in a well-coordinated curriculum that equips them with specialized skills for both private and public sector organizations, development sectors, banks, and research institutions. Through a range of courses, they learn to explore diverse approaches to economics, while engaging in research projects that apply quantitative tools to economic and financial datasets. Upon graduation, they are fully prepared to address real-time challenges and make a meaningful impact in their chosen career path.

Curriculum

| PROGRAMME | CR HRS |
|--|--------|
| Bachelor of Science in Psychology | 136 |
| Bachelor of Science in Economics (2.5 yrs) | 75 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course No. | Subject | Cr. Hr. |
|---------------------------|----------------------------------|-----------|
| SEMESTER 1 | | |
| HUM111 | Functional English | 3 |
| DS130 | Principles of Microeconomics | 3 |
| HUM112 | Personal Development | 3 |
| | Elective | 3 |
| CSC111 | Introduction to Computer Science | 3 |
| HMT302 | Introduction to Psychology | 3 |
| Total Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 2

| | | |
|---------------------------|------------------------------|-----------|
| HS103 | Pakistan Studies | 2 |
| HS102 | Islamic Studies | 2 |
| HUM231 | Communication Skills | 3 |
| HMT301 | Sociology | 3 |
| ECON102 | Principles of Macroeconomics | 3 |
| ASC100/ | Introduction to Math/ | |
| ASC101 | Introduction to Calculus | 3 |
| Total Credit Hours | | 16 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 3

| | | |
|---------------------------|--|-----------|
| HUM121 | Academic and Professional Writing | 3 |
| HUM232 | Ethics and Social Responsibility | 3 |
| SSC231 | World History | 3 |
| | Elective | 3 |
| ECON201 | Intermediate Microeconomics | 3 |
| MGT201/ ACT202 | Principles of Management/ Financial Accounting | 3 |
| Total Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 4

| | | |
|--------|---|---|
| DS132 | Introduction to Statistics + (2.5 year) | 3 |
| | Elective | 3 |
| HUM241 | World Literature | 3 |

| | | |
|---------|--|-----------|
| HUM233 | Introduction to Philosophy & Critical Thinking | 3 |
| ECON202 | Intermediate Macroeconomics | 3 |
| BUS361 | Introduction to Entrepreneurship | 3 |
| | Total Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 5

| | | |
|---------|---------------------------|-----------|
| ECON304 | Mathematical Economics | 3 |
| ECON315 | International Economics | 3 |
| | Elective | 3 |
| | Total Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 6

| | | |
|-------------------|---|-----------|
| ECON330 | Labour Economics | 3 |
| ECON405 | Econometrics | 3 |
| | Elective | 3 |
| | Elective | 3 |
| MDS112/ MMT211 | Introduction to Social Media/ Introduction to Multimedia | 3 |
| FHA131/ FPE141 | History of Art/ Principles of Design | 3 |
| | Total Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 7

| | | |
|-------------------|--|-----------|
| ECON440 | Development Economics | 3 |
| ECON471 | Public Economics | 3 |
| DS309 | Elective | 3 |
| US122/ BUS352 | Fundamentals of Marketing/ Principles of Finance | 3 |
| MDS111/ MMT211 | Introduction to Mass Communication/ Social Media and Internet Marketing | 3 |
| | Total Credit Hours | 15 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 8

| | | |
|---------|---------------------------|-----------|
| ECON462 | Monetary Theory | 3 |
| ECON471 | Public Economics | 3 |
| | Elective | 3 |
| | Elective | 3 |
| | Elective | 3 |
| | Total Credit Hours | 15 |

Elective Courses

| Course No. | Subject | Cr. Hr. |
|------------|------------------------------|---------|
| ECON 310 | History of Economic Thought | 3 |
| ECON 325 | Comparative Economic Systems | 3 |
| ECON 411 | Managerial Economics | 3 |
| ECON 433 | Introduction to Game Theory | 3 |

| | | |
|----------|---|---|
| ECON 415 | International Finance | 3 |
| ECON 412 | Industrial Organization | 3 |
| ECON 445 | Governance and Economic Development | 3 |
| ECON 435 | Political Economy of Development | 3 |
| ECON 320 | Environment Economics | 3 |
| ECON 480 | Institutional Economics | 3 |
| ECON 442 | Theories of Economic Development | 3 |
| ECON 443 | Growth Strategy of Pakistan | 3 |
| ECON 335 | Economics of Education and Health | 3 |
| ECON 331 | Agriculture and Food Security | 3 |
| ECON 486 | Regulatory Economics | 3 |
| ECON 360 | Population and Economy | 3 |
| ECON 488 | Regional and Urban Economics | 3 |
| ECON 365 | Poverty and Development | 3 |
| ECON 375 | International Political Economy | 3 |
| ECON 374 | Economic Issues in Developing Countries | 3 |
| ECON 414 | Law and Economics | 3 |
| ECON 350 | Women and Development | 3 |
| ECON 461 | Money, Banking and Financial Institutions | 3 |
| ECON 460 | Community Development | 3 |
| ECON 418 | Financial Economics | 3 |
| ECON406 | Applied Econometrics | 3 |
| ECON441 | Sustainable Development | 3 |
| ECON455 | Development Aid: Theory and Practice | 3 |
| ECON466 | Financial Derivatives | 3 |

| | | |
|----------|--|---|
| ECON470 | Economic Globalization | 3 |
| ECON481 | Philosophy and Economics | 3 |
| ECON483 | Participatory Development | 3 |
| ECON489 | Public Policy Formulation and Analysis | 3 |
| ECON490 | Special Topics in Economics | 3 |
| ECON491 | Selected Readings in Economics | 3 |
| ECON492 | Independent Study | 3 |
| ECON 498 | Research Project | 6 |

Bachelor of Science in English

BS English (Applied Linguistics) is a four-year degree programme that has been designed with a special focus on advancing the academic and professional development of students who want to gain knowledge of applied linguistics and apply it to practical problems related to language in use and language teaching. The graduates will have the potential to serve various fields such as academia, the publishing industry, journalism, communication and public relations, marketing and advertising, national and international NGOs, and content writing, among others.

Curriculum

| PROGRAMME | CR HRS |
|--------------------------------|--------|
| Bachelor of Science in English | 136 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course No. | Subject | Cr. Hr. |
|------------------------------------|------------------------------------|-----------|
| SEMESTER 1 | | |
| HUM111 | Functional English | 3 |
| CSC111 | Introduction to Computer Science | 3 |
| HUM113 | Introduction to Sociology | 3 |
| | Common Optional 1 | 3 |
| LIT111 | Introduction to English Literature | 3 |
| LIN112 | Introduction to Linguistics | 3 |
| Total Semester Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|------------------------------------|-----------------------------------|-----------|
| SEMESTER 2 | | |
| HUM121 | Academic and Professional Writing | 3 |
| HMT221 | Islamic Studies | 2 |
| HMT231 | Pakistan Studies | 2 |
| HUM112 | Personal Development | 3 |
| LIT121 | Contemporary Literature | 3 |
| | Common optional 2 | 3 |
| LIN122 | Phonetics and Phonology | 3 |
| Total Semester Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|------------------------------------|--|-----------|
| SEMESTER 3 | | |
| HUM231 | Communication Skills | 3 |
| HUM232 | Ethics and Social Responsibility | 3 |
| HUM233 | Introduction to Philosophy and Critical Thinking | 3 |
| | Common Optional 3 | |
| | Drama | 3 |
| LIT211 | Literary Movements | 3 |
| Total Semester Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|------------------------------------|--------------------|-----------|
| SEMESTER 4 | | |
| SSC231 | World History | 3 |
| HUM241 | World Literature | 3 |
| LIT221 | Fiction | 3 |
| | Common Optional 4 | 3 |
| LIT222 | Poetry | 3 |
| LIT223 | Literary Movements | 3 |
| Total Semester Credit Hours | | 18 |

| Course No. | Subject | Cr. Hr. |
|-------------------|-------------------------------|---------|
| SEMESTER 5 | | |
| LIT311 | Literary Criticism and Theory | 3 |
| LIN312 | Semantics | 3 |
| LIN313 | Morphology and Syntax | 3 |
| LIT314 | American Literature | 3 |
| | Common Optional 5 | 3 |

| | | |
|--|------------------------------------|-----------|
| | Common Optional 6 | 3 |
| | Total Semester Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 6

| | | |
|--------|------------------------------------|-----------|
| LIT321 | Non-Fiction | 3 |
| LIN322 | Research Methods | 3 |
| LIN323 | Pragmatics | 3 |
| LIT324 | Women Writers | 3 |
| LIN325 | Sociolinguistics | 3 |
| LIN326 | Psycholinguistics | 3 |
| | Total Semester Credit Hours | 18 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 7

| | | |
|--------|------------------------------------|-----------|
| LIN411 | Research Project 1 | 3 |
| LIN412 | Second Language Acquisition | 3 |
| LIN413 | Language Teaching Methodology | 3 |
| | Common Optional 7 | 3 |
| | Common Optional 8 | 3 |
| | Total Semester Credit Hours | 15 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 8

| | | |
|--------|----------------------------------|---|
| LIN421 | Research Project II | 3 |
| BUS241 | Introduction to Entrepreneurship | 3 |

| | | |
|--------|------------------------------------|-----------|
| LIN422 | TESL Internship | 3 |
| LIT423 | Pakistani Literature | 3 |
| LIT424 | Translation Studies | 3 |
| | Total Semester Credit Hours | 15 |

Master of Philosophy in International Development Studies

The 1.5-year rigorous journey integrates social and natural sciences, encompassing Economics, International Relations, Political Science, Sociology, Anthropology, and Gender Studies. Whether you come from a social science, humanities, or basic sciences background, this programme opens doors to further studies and thriving careers in national and international organizations. Become a catalyst for positive change in global development and embrace a rewarding path of comprehending and addressing complex development issues.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Master of Philosophy in International Development Studies | 30 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 1

| | | |
|--------|----------------------------------|---|
| HUM111 | Functional English | 3 |
| CSC111 | Introduction to Computer Science | 3 |
| HUM113 | Introduction to Sociology | 3 |

| | | |
|--------|------------------------------------|-----------|
| | Common Optional 1 | 3 |
| LIT111 | Introduction to English Literature | 3 |
| LIN112 | Introduction to Linguistics | 3 |
| | Total Credit Hours | 12 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 2

| | | |
|--------|--|-----------|
| IDS610 | Advanced Research Methods | 3 |
| IDS614 | Global Poverty: Alleviation Strategies | |
| | Elective | 3 |
| | Elective | 3 |
| | Total Credit Hours | 12 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 3

| | | |
|--------|---------------------------|----------|
| IDS640 | THESIS | 6 |
| | Total Credit Hours | 6 |

Elective Courses

| Course No. | Subject | Cr. Hr. |
|------------|--|---------|
| IDS612 | International Relations | 3 |
| IDS613 | Contemporary International Systems | 3 |
| IDS615 | Public Policy, Governance and Development | 3 |
| IDS616 | Globalization and Developing Countries | 3 |
| IDS617 | Global Political Economy | 3 |
| IDS618 | Social Development in Developing Societies | 3 |

| | | |
|--------|--|---|
| IDS619 | Conflict, Peace and Development | 3 |
| IDS620 | Global Human Security | 3 |
| IDS621 | Politics of Development | 3 |
| IDS622 | Global Civil Society | 3 |
| IDS623 | Women and Development | 3 |
| IDS624 | Human Rights and Development | 3 |
| IDS625 | Issues in Rural Development | 3 |
| IDS626 | Transnational Migration and Development | 3 |
| IDS627 | Global Sustainable Development | 3 |
| IDS628 | Urbanization and Development | 3 |
| IDS629 | Culture and Community Development | 3 |
| IDS631 | Seminar: International Development Studies | 3 |
| IDS632 | Development Research: Survey Techniques | 3 |
| IDS633 | Statistical Analysis and Interpretation | 3 |
| IDS634 | Special Topics | 3 |
| IDS635 | Selected Readings | 3 |
| IDS636 | Independent Study – I | 3 |
| IDS637 | Independent Study – II | 3 |
| IDS640 | Thesis | 6 |

Master of Philosophy in International Relations

The programme has been designed to offer essential analytical tools to navigate the intricate interplay between national and international political landscapes. With an interdisciplinary approach drawing on social and natural sciences, this programme provides a holistic understanding of global political processes. Prepare for higher studies and broaden career prospects in various sectors such as teaching, research, consultancy, governance, human rights, education, business, and development. Whether

you're a fresh graduate or a mid-career professional, this programme promises intellectual and professional growth, empowering you for leadership roles in national and international organizations.

Curriculum

| PROGRAMME | CR HRS |
|---|--------|
| Master of Philosophy in International Relations | 30 |

Note: The curricula are subject to change because of the promulgation of HEC Undergraduate and Graduate Policy 2023

Semester Wise Plan

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 1

| | | |
|------------------------------------|-------------------------------------|-----------|
| IR610 | Advanced Research Methods | 3 |
| IR611 | Theories of International Relations | 3 |
| --- | Elective | 3 |
| --- | Elective | 3 |
| Total Semester Credit Hours | | 12 |

| Course No. | Subject | Cr. Hr. |
|------------|---------|---------|
|------------|---------|---------|

SEMESTER 2

| | | |
|------------------------------------|--------------------------------------|-----------|
| IR612 | Globalization, Philosophical Issues, | 3 |
| --- | Theories | |
| --- | Elective | 3 |
| --- | Elective | 3 |
| --- | Elective | 3 |
| Total Semester Credit Hours | | 12 |

| Course No. | Subject | Cr. Hr. |
|-------------------|------------------------------------|----------|
| SEMESTER 3 | | |
| IR699 | THESIS | 6 |
| | Total Semester Credit Hours | 6 |

Elective Courses

| Course No. | Subject | Cr. Hr. |
|------------|--|---------|
| IR614 | International Systems: Rise and Expansion | 3 |
| IR615 | Global Security | 3 |
| IR616 | Global Political Economy | 3 |
| IR620 | Foreign Policy of Pakistan | 3 |
| IR621 | US Foreign Policy | 3 |
| IR622 | International Relations of Developing Countries | 3 |
| IR630 | Politics of Developing Nations | 3 |
| IR631 | Global Development: Theory and Evidence | 3 |
| IR632 | Politics of Development | 3 |
| IR633 | Global Poverty: Alleviation Strategies | 3 |
| IR634 | International Institutions and Global Governance | 3 |
| IR640 | Conflict and Conflict Resolution | 3 |
| IR641 | International Negotiation: Theory and Practice | 3 |
| IR642 | International Terrorism and World Politics | 3 |
| IR643 | Civil Society and World Politics | 3 |
| IR644 | Islam and World Politics | 3 |
| IR645 | Feminism and International Relations | 3 |

| | | |
|-------|---|---|
| IR646 | International Migration | 3 |
| IR647 | Environment and World Politics | 3 |
| IR648 | International Law | 3 |
| IR649 | Politics of International Human Rights | 3 |
| IR650 | Seminar: International Relations | 3 |
| IR651 | Political Research: Survey Techniques | 3 |
| IR652 | Political Data: Statistical Analysis and Interpretation | 3 |
| IR660 | Special Topics | 3 |
| IR661 | Selected Readings | 3 |
| IR662 | Independent Study – I | 3 |
| IR698 | Independent Study – II | 3 |
| IR699 | Thesis | 6 |

Programme Objectives and Outcomes

The programmes offer students a wealth of knowledge and skills to excel in various dynamic fields. Graduates emerge equipped with practical expertise to assess development needs, design, and implement projects, and critically analyze global issues. With a strong emphasis on professional ethics and intercultural competence, students are well-prepared to make a positive impact in their respective industries, be it in international relations, policy analysis, development work, business, journalism, academia, or various other global affairs-related fields.

- Comprehensive understanding of global development theories, social dynamics, economic principles, and environmental factors influencing development processes.
- Practical skills in assessing development needs, designing and implementing projects, and evaluating their impact.
- Effective communication and collaboration skills for working with diverse stakeholders and promoting intercultural understanding.

- Emphasis on professional ethics, integrity, and social responsibility in development work.
- Global awareness of development issues and advocacy for positive change towards sustainable development goals.
- Strong academic foundations in International Relations, analytical and critical thinking skills, intercultural competence, research, and communication skills

Career Opportunities

Upon completion of the respective programmes, you will have a wide range of career opportunities available to you. Some of the potential career paths include:

- Development sector, International NGOs, and United Nations agencies for social and economic development projects.
- Mental health care Centres and hospitals as Clinical Psychologists and Counsellors prioritizing psychotherapy and client safety. Government jobs as Psychologists, Clinical Psychologists, and Educational Psychologists.
- International organizations such as the United Nations (UN), World Bank, IMF, and WTO for policy analysis, development projects, and global governance.
- Government jobs in international relations and diplomacy, engaging in policy analysis, research, and programme management.
- Media and journalism careers, reporting on international affairs and global events.
- International business and trade roles in multinational corporations and consulting firms.
- Education and academia for teaching and research in social sciences and international relations.
- Research and think tanks, focusing on development issues, policy analysis, and global affairs.

Programme Facilities and Resources

We take pride in our well-equipped laboratories and facilities that provide an ideal environment for practical training and research. Our facilities include:

- Up-to-date, fully equipped and modern lecture rooms, seminar hall/auditorium, library, and computer labs.
- Special access to various globally recognized virtual academic research resources.
- Strong networking and collaboration with industry and organizations which provide our students with opportunities for internships, volunteer work and job opportunities.

Admission Requirements

To be eligible for admissions students must have:

- For Undergraduate programmes, the applicant must have completed FSc / A Levels / Equivalent with at least 45% marks as certified by IBCC.
- Applicants for Bachelor Programmes must take the entrance test. Applicants with acceptable SAT, NTS-NAT, MCAT, GAT General & GAT Subject scores will be exempted from the entrance test. The test will be conducted on a computer and will consist of one hundred MCQs of a two-hour duration.

Each Academic Department has its own eligibility criteria which varies depending on the programme and department. Scan the QR code for the eligibility criteria for each programme.



Collaborations and Partnerships

We have established MOUs for research and internships, providing students with valuable opportunities to collaborate with research institutions, organizations, and industry experts. This partnership aims to enrich their academic journey and equip them with practical skills for impactful careers in social sciences.



DEPARTMENT FACULTY



DR. MUHAMMAD KHAN
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Ph.D (Macroeconomics)
Laboratoire d'Economie d'Orleans,
Université d'Orléans, France

Master (Economics & Financial Engineering)
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MA (Econometrics, microeconomics, macroeconomics, international economics, monetary economics)
McMaster Canada
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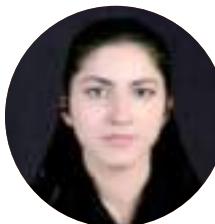
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MS. ANUM ILYAS
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M.A (English Language & Literature)
National University of Modern Languages, Islamabad, Pakistan





EVENTS



TECTIQS

This is Iqra University's signature event which is held in the winter. The event invites students from various schools, colleges, and universities. TectiQs is an annual mega-event that takes place in the twin cities, attracting participants from many different cities. This interactive three-day event offers a wide range of over 40 competitions, including computer science, business, e-games, sports, general knowledge, singing, media, debates, sports etc. Participants have the opportunity to showcase their skills, learn from each other, and have fun in a supportive and competitive environment.



SCHOLARSHIP CEREMONY

The scholarship ceremony is held bi-annually. On the basis of each semester's performance students of various programmes are offered Performance-Based Scholarships for their academic performance. This scholarship provides students with a relief in their fee based on their GPA. Parents are also invited on this merit-based scholarship.





DEGREE AWARDING CEREMONY

The degree awarding ceremony is a significant event that symbolizes the culmination of years of dedication and effort. It is a momentous occasion in a student's life, one that they eagerly wish to celebrate with their loved ones. Recognizing the immense significance of graduation day, it holds a special place in the hearts of students and their families. Ira University takes immense pride in holding this prestigious event every year and prominent Chief guests like the President of Pakistan have been invited in the past to grace the occasion.



ENTREPRENEURSHIP GALA

It's a vibrant gathering where students showcase their innovative ideas and entrepreneurial ventures. This exciting event features a variety of student stalls, highlighting their creative projects, IT startups, and captivating artwork. The Entrepreneurship Gala serves as a platform for budding entrepreneurs to present their business concepts, engage with potential investors, and gain valuable feedback from industry professionals. From groundbreaking technological innovations to stunning works of art, the Gala celebrates the spirit of entrepreneurship and fosters a culture of creativity and innovation within our institute.





JOB FAIR

A job fair hosted within an institute is an exceptional opportunity for students and job seekers to connect with potential employers and explore various career prospects. This highly anticipated event serves as a bridge between academic institutions and the corporate world, providing a platform for mutual benefit and growth. The job fair brings together a diverse range of companies and organizations, spanning multiple industries and sectors. These employers are actively seeking talented individuals to fill their job openings and contribute to their success. With such a wide array of participating companies, attendees have the chance to explore various career paths and gain valuable insights into different industries.



GRADUATE FASHION SHOW, TEXTILE AND FASHION COLLECTION THESIS DISPLAY

This is a Bi-annual event where the Fashion and Design Department holds its Graduate Fashion Show , Textile Thesis Exhibition and Final Collection Exhibition separately. Creative talent and workmanship of graduating students from the Textile Design program and Fashion design program are show-cased. This exhibition is a culmination of four years of dedicated work by the graduating class. Both students and faculty take pride in displaying and explaining their work to various visitors, including media representatives, foreign dignitaries, leaders from the fashion and textile industries, corporate recruiters, and government officials.



CONTACT INFORMATION

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