



PROSPECTUS 2023-24



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

Honouring our commitment to providing quality education at an affordable price. We claim, and we claim loudly, that IU has been playing a pivotal role in the development of the higher education sector of the country, and Iqra University amplifies our claim.

During the last half-decade, the overwhelming response from the student body and intelligentsia has encouraged and prompted us to expand ourselves. Keeping this in mind, Iqra University will continue to win academic laurels in the times to come.

I hope and pray that Iqra University upholds IU's tradition of producing leaders for tomorrow, who go on to serve their nation in a befitting manner.

Welcome to Iqra University

Dr. Wasim Qazi
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

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.

VISION STATEMENT

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



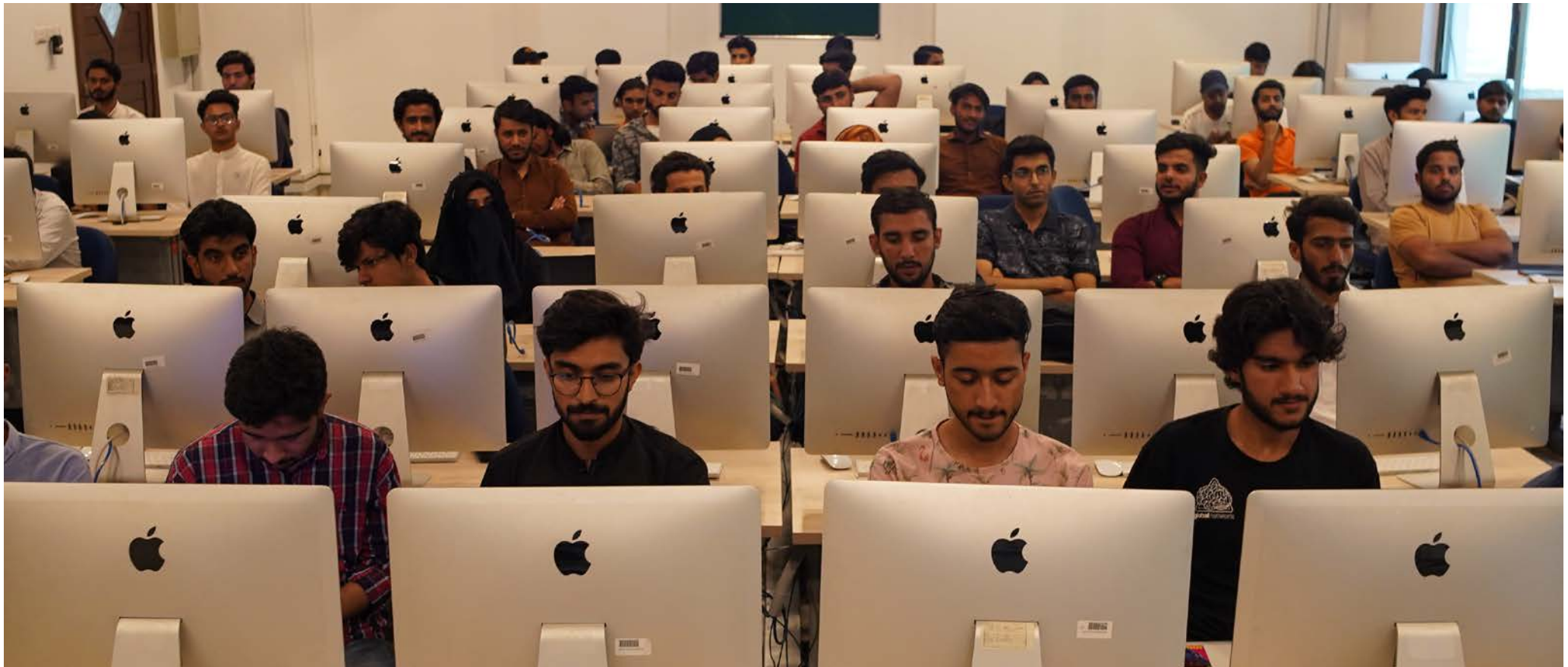
Dramatics Club

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.





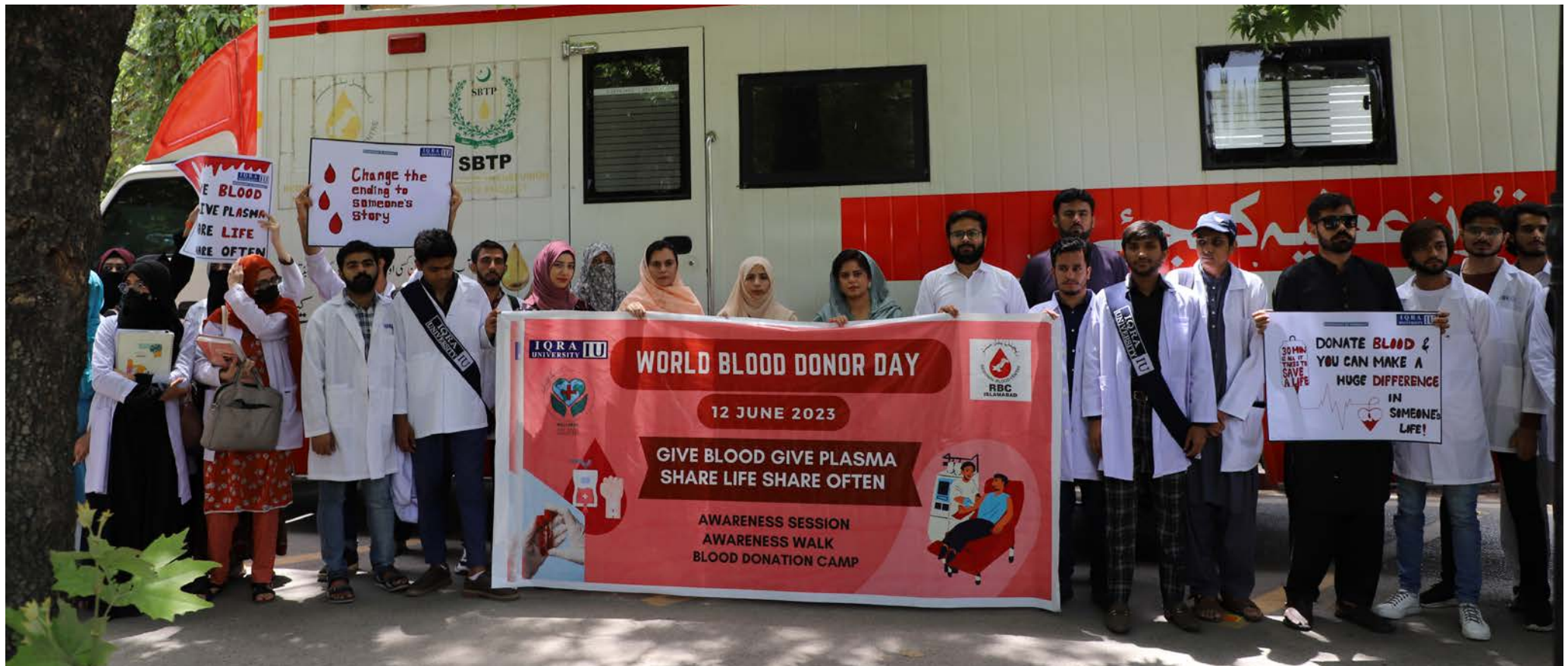
Debate Club

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:

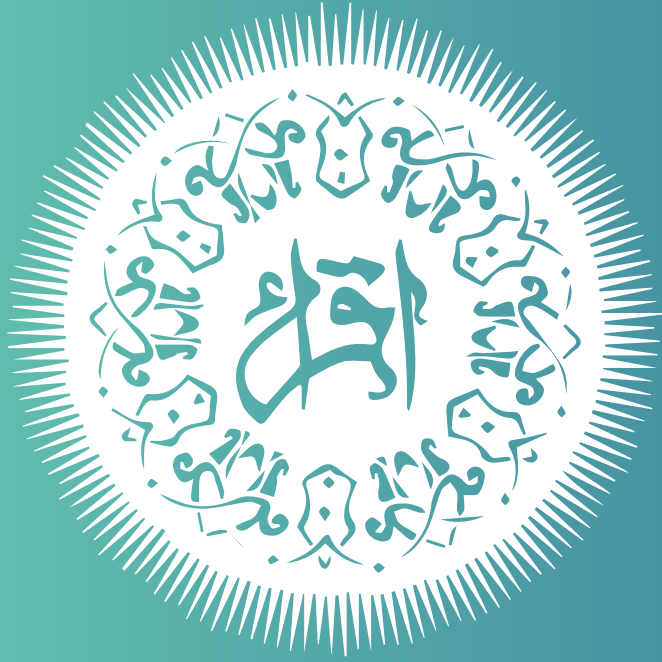
GPA	CGPA	Scholarship Amount
4	3.5 & more	60% of the semester fee
3.75 - 3.99	3.5 & more	40% of the semester fee
3.50 - 3.74	3.5 & more	20% of the semester fee

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	ENG 301	English-B (Communication & Writing skills)	4
PD 310	Pharmaceutics-IA (Physical	3+1	PD 315	Pharmaceutics-IB (Physical Pharmacy)	3+1
PD 311	Pharmacy) Pharmaceutical	3+1	PD 316	Pharmaceutical Chemistry-IB (Organic)	3+1
PD 312	Chemistry-IA (Organic)				
	Pharmaceutical Chemistry-IIA	3+1	PD 317	Pharmaceutical Chemistry- IIB	3+1
PD 313	(Biochemistry) Physiology-A	3+1			
PD 314	Anatomy & Histology		PD 318	(Biochemistry) Physiology-B	3+1
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	PS 403	Pakistan Studies	2
		3+1	PHARM 415	Pharmaceutics-IIIB (Dosage Forms Science)	3+1
PHARM 410	Pharmaceutics-IIA (Dosage Forms Science)			Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	
	Pharmaceutics-IIIA	3+1	PHARM 416		3+1
PHARM 411	(Pharmaceutical Microbiology & Immunology)	3+1	PHARM 417	Pharmacology and Therapeutics-IB	3+1
	Pharmacology and	3+1	PHARM 418	Pharmacognosy-IB (Basic) Pharmacy Practice-IB	3+1
PHARM 412	Therapeutics-IA Pharmacognosy-IA (Basic)	3	PHARM 419	(Bio- statistics)	3
PHARM 413	Pharmacy Practice-IA				
PHARM 414	(Pharmaceutical Mathematics)				
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	3+1	PHARM 518	Pharmacognosy-IIB (Advanced) Pharmacy	3+1
PHARM 514	(Advanced) Pathology	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	3+1
PHARM 612	Pharmaceutics- IVA (Industrial Pharmacy)	3+1	PHARM 617	(Industrial Pharmacy)	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



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M.Phil (Pharmaceutical Chemistry)
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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
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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 carriers 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

1. 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

2. 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

3. 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
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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

1. 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

2. 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

3. 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
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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	Islamiat and Pakistan Studies	3 + 0	---
Total Semester Credit Hours		(15 + 2)	

SEMESTER 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
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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
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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
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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
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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 Courses

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)
Bahria University, Islamabad, Pakistan

BSc (Computer Science)
Punjab University, Lahore, Pakistan



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Associate Professor

Ph.D (Electrical & Computer Engineering)
North Dakota State University, Fargo, North
Dakota, United States of America

MS (Computer Software Engineering)
National University of Science & Technology,
Rawalpindi, Pakistan

BS (Computer Science)
COMSATS Institute of Information Technology,
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DR. SYED IRFAN SOHAIL
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PhD (Frequency Selective Surfaces)
Macquarie University, Sydney, Australia

MS (Communication)
Ghulam Ishaq Khan Institute of Engineering
Sciences, Swabi, Pakistan

BE (Electrical & Electronics)
Islamic University of Technology,
Dhaka, Bangladesh



DR. MUHAMMAD BILAL BASHIR
Assistant Professor

Ph.D (Computer Science)
Capital University of Science and Technology,
Islamabad, Pakistan

MSE (Software Engineering)
Muhammad Ali Jinnah University,
Islamabad, Pakistan

BCS (Computer Science)
University of Central Punjab,
Lahore, Pakistan



DR. NABEELA KAUSER (On Leave)
Assistant Professor

Ph.D (Computer Science-Image Processing)
Pakistan Institute of Engineering and Applied
Sciences (PIEAS), Islamabad, Pakistan

MS (Computer Science)
University of Management & Technology (UMT),
Lahore, Pakistan

MSc.(Computer Science)
University of Agriculture, Faisalabad, Pakistan
Bachelor of Arts
Government College for Women, Gojra, Pakistan



MS. SANA YOUSUF
Assistant Professor (Adjunct)

MS (Computer Software Engineering)
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(NUST), MCS College, Islamabad, Pakistan

BS (Software Engineering)
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MS (Electrical Engineering)
Abasyn University, Pakistan

BE (Electrical)
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University of Technology, Malaysia

MS ((Information System)

Central Queensland University, Australia.

Master (Economics)

University of Peshawar, Pakistan.

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MS (Computer Science)

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MSc (Information Technology)

Quaid-e-Azam University, Islamabad, Pakistan

BSc (Engineering Science)

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BS (Software Engineering)

Mirpur University of Engineering & Technology,

Mirpur, Pakistan.





DEPARTMENT OF BUSINESS ADMINISTRATION

Department of Business Administration

The Department of Business Administration, offering undergraduate, post-graduate, and doctoral programmes offers a comprehensive curriculum which covers key areas such as Accounting, Finance, Management, Marketing, and Human Resource Management, empowering students to excel in any business organization.

Through interactive teaching methods, practical experiences, and mandatory internships, our graduates emerge as well-rounded individuals ready to thrive in the dynamic business world. Join us and embark on a transformative educational journey that prepares you for success in the competitive landscape of business and management.

Bachelor of Business Administration (Honours)

Students joining this programme will be taught and trained in the areas of Accounting, Finance, Management, Marketing, Human Resource Management, and Information Technology, which will enable them to become successful members of any business organization. This is a broad-based, four-year degree programme, which has been specifically designed to train students to cope with an ever-changing business world. Teaching methodologies include interactive class discussions, case studies, articles, presentations, projects, reports, industrial trips, seminars, workshops, and guest speakers. Mandatory internships offer students an opportunity to experience the real world of business. Thus, the students will emerge as well-rounded individuals with experience not only in the intricacies of the business world but in the practicalities of life as well.

Curriculum

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

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
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SEMESTER 1

1	HUM111	Functional English	3	Mandatory	
2	CSC111	Introduction to Computer Science	3	Mandatory	
3	HUM112	Personal Development	3	Mandatory	
4	BUS111	Fundamentals of Management	3	Core	
5	CSC104	Introduction to Mathematics (CO1)	3	Common Optional	
6	BUS121	Microeconomics	3	Core	
Total Semester Credit Hours			18		

SEMESTER 2

7	HUM231	Communication Skills	3	Mandatory	HUM111
8		Islamic Studies	2	Mandatory	
9		Pakistan Studies	2	Mandatory	
10	BUS122	Fundamentals of Marketing	3	Core	
11		Introduction to Philosophy & Critical Thinking	3	Mandatory	
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	ANFI11	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	HUM232	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	BUS354	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	BAF362	Audit and Assurance	3	Core	ACT321
34	BUS474	Islamic Banking & Finance	3	Core	BUS352
35	MISS222	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
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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 institutes 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
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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
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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.



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.

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.



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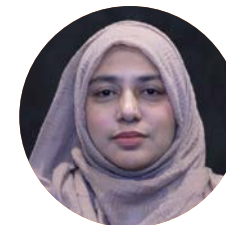
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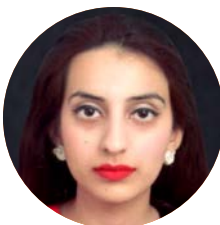
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DEPARTMENT OF FASHION AND DESIGN

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
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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	HMT121	Islamic Studies	2	Mandatory	
12	HMT122	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 1 (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 1 (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	HUM 113	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	HMT121	Islamic Studies	2	Mandatory	
12	HMT122	Pakistan Studies	2	Mandatory	
13	HUM123	Introduction to Philosophy & Critical Thinking	3	Mandatory	
Total Semester Credit Hours			19		

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 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 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

Bachelors (Fashion Design)
Iqra University, Karachi, Pakistan



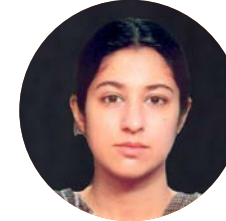
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DEPARTMENT OF MEDIA STUDIES

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 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-requisites
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SEMESTER 1

1	MDS111	Introduction to Mass Communication	3	Core	
2	MDS112	Introduction to Multimedia	3	Core	
3	MDS113	Fundamentals 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	MDS121	Photography	3	Core	
8	MDS122	Drawing and Perspective	3	Core	Fundamentals of Design (MDS113)
9	HUM231	Communication Skills	3	Mandatory	Functional English (HUM111)
10	HMT121	Islamic Studies	2	Mandatory	
11	HMT122	Pakistan Studies	2	Mandatory	

12	HUM113	Introduction to Sociology	3	Mandatory	
		Total Semester Credit Hours	16		

SEMESTER 3

12	MDS231	Digital Illustration & Manipulation	3	Core	Introduction to Multimedia (MDS112)
13	HUM121	Academic & Professional Writing	3	Mandatory	Communication Skills (HUM231)
14	HUM232	Ethics and Social Responsibility	3	Mandatory	
15	SSC231	World History	3	Mandatory	
16		Common Optional 1 - Other Departments	3	Common Optional	
17		Common Optional 2 - Other Departments	3	Common Optional	
		Total Semester Credit Hours	18		

SEMESTER 4

18	MDS241	Digital Audio & Video	3	Core	Digital Illustration & Manipulation (MDS231)
19	MDS242	Camera & Lighting Techniques	3	Core	Photography (MDS121)
20	BUS241	Introduction to Entrepreneurship	3	Mandatory	

21	HUM123	Introduction to Philosophy & Critical Thinking	3	Mandatory	
22	HUM241	World Literature	3	Mandatory	
23		Common Optional 3 - Other Departments	3	Common Optional	
		Total Semester Credit Hours	18		

SEMESTER 5

24	MDS351	Social Media & Internet Marketing	3	Core	
25	MDS352	Aesthetics of Editing	3	Core	Digital Audio & Video (MDS241)
26	MDS353	Acting	3	Core	Camera and Lighting (MDS242)
27		Elective 1	3	Elective	
28		Common Optional 4 - Other Departments	3	Common Optional	
29		Common Optional 5 - Other Departments	3	Common Optional	
		Total Semester Credit Hours	18		

SEMESTER 6

30	MDS361	Media Research	3	Core	Social Media & Internet Marketing (MDS351)
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31	MDS362	Internship*	3	Core	Aesthetics of Editing (MDS352)
32		Elective 2	3	Elective	
33		Elective 3	3	Elective	
34		Elective 4	3	Elective	
35		Common Optional 6 - Other Departments	3	Common Optional	
		Total Semester Credit Hours	18		

SEMESTER 7

36	MDS471	Project I*	3	Core	Aesthetics of Editing (MDS352)
37	MDS472	Writing for Mass Media	3	Core	Social Media & Internet Marketing (MDS351)
38	MDS473	Media Culture and Law	3	Core	Media Research (MDS361)
39		Elective 5	3	Elective	
40		Elective 6	3	Elective	
41		Elective 7	3	Elective	
		Total Semester Credit Hours	18		

SEMESTER 8

42	MDS481	Project II*	3	Core	Project 1 (MDS471)
43		Elective 8	3	Elective	

44		Common Optional 7 - Other Departments	3	Common Optional	
45		Common Optional 8 - Other Departments	3	Common Optional	
		Total Semester Credit Hours	12		
		Total Credit Hours	136		

Specialization and Elective Courses

Film and TV	Animation	MassComm (Journalism)
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SEMESTER 1

Intro to Mass Communication	Intro to Mass Communication	Intro to Mass Communication
Intro to Multimedia	Intro to Multimedia	Intro to Multimedia
Fundamentals of Design	Fundamentals of Design	Fundamentals of Design
Functional English	Functional English	Functional English
Intro to Computer Science	Intro to Computer Science	Intro to Computer Science
Personal Development	Personal Development	Personal Development

SEMESTER 2

Photography	Photography	Photography
Drawing and Perspective	Drawing and Perspective	Drawing and Perspective

Communication Skills	Communication Skills	Communication Skills
Islamic Studies	Islamic Studies	Islamic Studies
Pakistan Studies	Pakistan Studies	Pakistan Studies
Intro to Sociology	Intro to Sociology	Intro to Sociology

SEMESTER 3

Digital Illustration & Manipulation	Digital Illustration & Manipulation	Digital Illustration & Manipulation
Academic & Professional Writing	Academic & Professional Writing	Academic & Professional Writing
Ethics and Social Responsibility	Ethics and Social Responsibility	Ethics and Social Responsibility
World History	World History	World History
Common Optional 1 - Other Departments	Common Optional 1 - Other Departments	Common Optional 1 - Other Departments
Common Optional 2 - Other Departments	Common Optional 2 - Other Departments	Common Optional 2 - Other Departments

SEMESTER 4

Digital Audio & Video	Digital Audio & Video	Digital Audio & Video
Camera & Lighting Techniques	Camera & Lighting Techniques	Camera & Lighting Techniques
Intro to Entrepreneurship	Intro to Entrepreneurship	Intro to Entrepreneurship
Intro to Philosophy & Critical Thinking	Intro to Philosophy & Critical Thinking	Intro to Philosophy & Critical Thinking
World Literature	World Literature	World Literature

Common Optional 3 - Other Departments	Common Optional 3 - Other Departments	Common Optional 3 - Other Departments
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SEMESTER 5

Social Media & Internet Marketing	Social Media & Internet Marketing	Social Media & Internet Marketing
Aesthetics of Editing	Aesthetics of Editing	Aesthetics of Editing
Acting	Acting	Acting
Scriptwriting (Elective1)	Life Drawing (Elective 1)	News Writing & Reporting (Elective 1)
Common Optional 4 - Other Departments	Common Optional 4 - Other Departments	Common Optional 4 - Other Departments
Common Optional 5 - Other Departments	Common Optional 5 - Other Departments	Common Optional 5 - Other Departments

SEMESTER 6

Media Research	Media Research	Media Research
Internship*	Internship*	Internship*
Storyboarding (Elective 2)	Storyboarding (Elective 2)	Media & Politics (Elective 2)
Sound Design (Elective 3)	Sound Design (Elective 3)	Sound Design (Elective 3)
Direction (Elective 4)	Character Design (Elective 4)	Documentary Writing (Elective 4)
Common Optional 6 - Other Departments	Common Optional 6 - Other Departments	Common Optional 6 - Other Departments

SEMESTER 7

Project I*	Project I*	Project I*
Writing for Mass Media	Writing for Mass Media	Writing for Mass Media
Media Culture and Law	Media Culture and Law	Media Culture and Law
Production (Elective 5)	Traditional Animation (Elective 5)	Production (Elective 5)
Digital Compositing (Elective 6)	Digital Compositing (Elective 6)	Online Journalism (Elective 6)
Film Design (Elective 7)	Concept Art (Elective 7)	News TV Studio Production (Elective 7)

SEMESTER 8

Project II*	Project II*	Project II*
TVC Production (Elective 8)	3D Animation (Elective 8)	Investigative Journalism (Elective 8)
Common Optional 7 - Other Departments	Common Optional 7 - Other Departments	Common Optional 7 - Other Departments
Common Optional 8 - Other Departments	Common Optional 8 - Other Departments	Common Optional 8 - Other Departments

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 and Animation)	67

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

Semester Wise Plan

			ADP Film and TV		ADP Animation	
S#	Semester	Type	Code	Course Title	Code	Course Title
1	Semester-1	UM	HUM111	Functional English	HUM111	Functional English
2	Semester-1	UM	CSC111	Information and Communication Technology	CSC111	Information and Communication Technology
3	Semester-1	UM	HMT221	Islamic Studies	HMT221	Islamic Studies
4	Semester-1	Core	MDS111	Introduction to Media Sciences	MDS111	Introduction to Media Sciences
5	Semester-1	Core	MDS113	Fundamentals of Design	MDS113	Fundamentals of Design

6	Semester-2	UM	HUM121	Academic & Professional Writing	HUM121	Academic & Professional Writing
7	Semester-2	UM	HUM232	Ethics and Social Responsibility	HUM232	Ethics and Social Responsibility
8	Semester-2	UM	HMT231	Pakistan Studies	HMT231	Pakistan Studies
9	Semester-2	Core	MDS122	Drawing and Perspective	MDS122	Drawing and Perspective
10	Semester-2	Core	MDS121	Photography	MDS121	Photography
11	Semester-2	Core	MDS241	Digital Audio and Video	MDS241	Digital Audio and Video
12	Semester-3	UM	HUM231	Communication Skills	HUM231	Communication Skills
13	Semester 3	UM	HUM112	Personal Development	HUM112	Personal Development
14	Semester 3	Core	ART231	Life Drawing OR Social Media Internet Marketing	ART231	Life Drawing
15	Semester 3	Core	MDS231	Digital Illustration and Manipulation	MDS231	Digital Illustration and Manipulation
16	Semester 3	Core	MDS242	Camera and Lighting Techniques	MDS242	Camera and Lighting Techniques

17	Semester 3	Core	FTV221	Storyboarding	FTV221	Storyboarding
18	Semester-4	UM	BUS241	Introduction to Entrepreneurship	BUS241	Introduction to Entrepreneurship
19	Semester-4	UM	HUM233	Philosophy and Critical Thinking	HUM233	Philosophy and Critical Thinking
20	Semester-4	Core	MDS353	Acting	MDS353	Acting
21	Semester-4	PM	FTV271	Film Design	ANN231	Sculpture and 3D Modeling
22	Semester-4	PM	FTV361	History of Film, TV and Animation	ANN366	2D & Traditional Animation
23	Semester-4	PM	FTV365	Production	ANN364	3D Animation Design I

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 re-quired.
- 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



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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.
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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.
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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.
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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.
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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.
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SEMESTER 8

	Elective	3
	Elective	3
	Elective	3
	Elective	3
	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.
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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.
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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.
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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.
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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.
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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.
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SEMESTER 6

IR342	Global Security	3
IR234	Foreign Policy of Pakistan	3
---	Elective	3
---	Elective	3
MDS112	Introduction to Social Media	3
FHA131	History of Art	3
Total Semester Credit Hours		18

Course No.	Subject	Cr. Hr.
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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.
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SEMESTER 8

---	Elective	3
---	Elective	3
---	Elective	3
---	Elective	3
---	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.
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SEMESTER 5

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

Course No.	Subject	Cr. Hr.
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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.
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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.
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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
ECON375	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.
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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.
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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.
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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.
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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.
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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.
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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.
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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.
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SEMESTER 2

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

Course No.	Subject	Cr. Hr.
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SEMESTER 3

IR699	THESIS	6
Total Semester Credit Hours		6

Elective Courses

Course No.	Subject	Cr. Hr.
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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
Head of Department
Associate Professor

Ph.D (Macroeconomics)
Laboratoire d'Economie d'Orleans,
Universite d'Orleans, France

Master (Economics & Financial Engineering)
GREQUAM, Universite de AIX-MARSEILLE II, France

M.Phil (Economics)
Quaid-e-Azam University, Islamabad, Pakistan

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



DR. EATJAZ AHMAD
Professor

PhD (Economic dynamics and growth,
quantitative economics, mathematical
economics, microeconomics, monetary
economics)

McMaster Canada

MA (Econometrics, microeconomics,
macroeconomics, international
economics, monetary economics)

McMaster Canada

MSc (Econometrics, mathematical
economics, microeconomics,
macroeconomics, economic growth, international
economics, monetary economics)

Quaid-e-Azam University, Islamabad, Pakistan



DR. SIAMAH MEHMOOD QURESHI
Professor

Ph.D (Psychology)

University of Peshawar, Pakistan

Masters (Applied Psychology)

University of The Punjab, Lahore, Pakistan

Bachelors (Economics & Applied Psychology)

Kinnaird College, Lahore, Pakistan



DR. MUHAMMAD SHEHARYAR KHAN
Associate Professor

Ph.D (International Relations)

Ankara University, Ankara, Turkey

MA (Journalism)

Ateneo de Manila University,

Philippines

MA (English)

National University of Modern

Languages, Islamabad, Pakistan

BA (Social Sciences)

University of the Punjab,

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DR. TASAWAR HUSSAIN (On Leave)
Assistant Professor

Ph.D (Foreign Policy Analysis)

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M.Phil (Foreign Policy Analysis)

Quaid-e-Azam University, Islamabad, Pakistan

MA (Theories of IR)

Quaid-e-Azam University, Islamabad, Pakistan



DR. SADIA KHANUM
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PhD (International Relations)

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M.Phil (International Relations)

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MSc (International Relations)

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DR. MUHAMMAD SAAD
Assistant Professor

PhD (Global Political Economy)

Hubei University, International

College, Wuhan

M.Phil (American Studies)

Quaid-e-Azam University, Islamabad, Pakistan

MS (Defence & Strategic Studies)

Quaid-e-Azam University, Islamabad, Pakistan



MS. SARWAT ASLAM
Senior Lecturer

M.Phil (Linguistic Literature)
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Languages, Islamabad, Pakistan

MA (English Literature)
Punjab University, Lahore, Pakistan



MS. ROMA ZIMRAN
Lecturer

MA (English Literature)
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BA (English Literature)
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MR. MUHAMMAD USMAN
Lecturer

M.Phil (Islamic Studies-Hadith)
International Islamic University, Islamabad,
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BA-Hons. (Islamic Studies(Hadith & Tafseer))
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Pakistan



MS. SADIA JAMIL
Lecturer

MA (Sociology & Global Change)
Manchester Metropolitan University, United
Kingdom.

MA (Gender Studies)
Fatima Jinnah Women University, Rawalpindi,
Pakistan

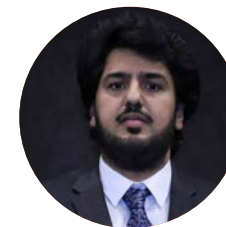
**BSc (Mathematics, Statistics,
Economics)**
GC Women University, Sialkot, Pakistan



MS. KINZA NADEEM
Lecturer

M.Phil (Development Studies)
Iqra University, Karachi, Pakistan

BS (Development Studies)
Iqra University, Karachi, Pakistan



MR. MUHAMMAD ABDULLAH
Lecturer

MS (History of South Asia)
International Islamic University,
Islamabad, Pakistan

BS (World History)
International Islamic University,
Islamabad, Pakistan



MS. UME-RUBBAB
Lecturer

M.Phil (Counseling Psychology)
Fatima Jinnah Women University, Rawalpindi,
Pakistan

BS (Psychology)
Government Post Graduate College for Women ,
Rawalpindi, Pakistan



MS. RAFIA JALIL
Lecturer

MS (Development Studies)
Pakistan Institute of Development Economics,
Islamabad, Pakistan

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



MS. AYESHA KINZ UL EMAN
Lecturer

MS (Linguistics & Literature)
COMSATS University, Islamabad,
(Lahore Campus), Pakistan

BS (English)
The Islamia University of Bahawalpur, Pakistan



MS. NARMEEN HANIF
Lecturer

M.Phil (Clinical Psychology)
Bahria University, Islamabad, Pakistan

BS (Psychology)
International Islamic University,
Islamabad, Pakistan

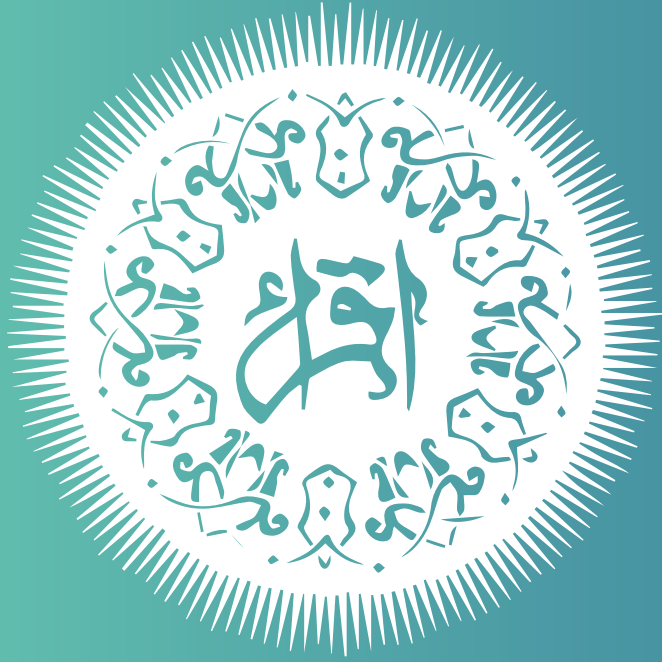


MS. ANUM ILYAS
Lecturer

M.Phil (English Literature)
National University of Modern
Languages, Islamabad, Pakistan

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

ADMINISTRATION		
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HoD Pharmacy	Dr. Kishwar Sultan	hod.pharm@iqraisb.edu.pk

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Social Sciences	Mr. Nadeem Ashraf Ms. Sidra Mufti	manager.ss@iqraisb.edu.pk
Fashion and Design	Ms. Jiza Zainab	manager.fd@iqraisb.edu.pk
Media Studies	Mr. Faraz Hayat	manager.media@iqraisb.edu.pk
Pharmacy	Ms. Sana Nigar	manager.pharm@iqraisb.edu.pk



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