

UNIVERSITY OF KAMALIA

Transforming Potential into Excellence

PROSPECTUS 2025-2026



www.ukm.edu.pk



University of Kamalia



University of Kamalia

Where Heritage Meets Higher Education

Nestled in the heart of southern Punjab, the University of Kamalia stands as a beacon of knowledge, innovation, and community development. More than just an institution of higher learning, it is a symbol of continuity between the region's ancient legacy and its modern aspirations.

Kamalia's roots run deep into antiquity. Located just 48 kilometers from Harappa—one of the principal urban centers of the Indus Valley Civilization—the region bears the quiet testimony of ancient settlements, rural agrarian societies, and trade routes that once connected the great civilizations of South Asia. Archaeological findings from the surrounding areas—such as terracotta figurines, pottery shards, and copper tools—suggest Kamalia's inclusion in the Late Harappan cultural sphere, linking its soil to one of the world's earliest and most advanced civilizations.

As centuries passed, Kamalia evolved into a vibrant agro-economic hub during the Delhi Sultanate, flourished under Mughal patronage, and continued its prominence through the Sikh and British periods. It became widely known for its handwoven khaddar, a symbol of the local craftsmanship and self-reliant economy. Its fertile plains, crisscrossed by the Ravi and Sutlej rivers, nourished both crops and culture, producing a resilient, hardworking community with a strong connection to land, heritage, and learning.

Today, the University of Kamalia carries this historical depth forward into the 21st century. Chartered in 2022 by the Government of Punjab, the university is envisioned as a regional engine of transformation, bridging tradition with technology, and local strength with global vision. With programs in computer science, business, sciences, humanities, and allied health and textiles, the university is committed to producing graduates who are job-ready, community-focused, and globally competent.

In honoring Kamalia's rich past, the university builds a future rooted in research, innovation, and inclusive growth—ensuring that the legacy of this ancient land continues to shape lives and ideas for generations to come.

Table of Contents

Vision and Mission	1
Chancellor's Message	2
Pro-Chancellor's Message	3
Chancellor's Message	4
Kamalia: City of Khadar	5
Administration	6
Directorate of Quality Enhancement Cell	8
Directorate ORIC	10
International Adjunct Faculty	12
International Advisory Board	14
Community Advisory Board	15
Admission Rules and Regulations	19
Department of Computer Science	37
Faculty of Commerce & Business	62
Department of Management Science	63
Department of Economics and Trade	78
Faculty of Arts and Humanities	
Department of English	85
Department of Textile and Fashion Design	92
Faculty of Science	99
Department of Nutrition	100
Department of Physics	107
Department of Chemistry	115
Department of Mathematics	122
Scholarships	129
Digital Classrooms	130
Computer Lab	131
Medical Center	132
Library	133

Vision and Mission

VISION

To be a globally respected institution of learning and innovation shaping a transformative future through academic excellence, regional leadership, and societal impact, while empowering individuals and advancing sustainable and technological solutions for the world

MISSION

To empower individuals and society through education, research, and innovation—advancing knowledge, entrepreneurship, and sustainable development to drive regional prosperity and contribute to global progress.

Key Principles

- **Quality Education**

Emphasizing a rigorous academic framework and comprehensive Learning experiences.

- **Research & Innovation**

Driving advancements in science, technology, arts, and humanities

- **Community Service**

Building strong ties with local and global communities for development.



UNIVERISTY OF KAMALIA



CHANCELLOR'S MESSAGE



SARDAR SALEEM HAIDER KHAN

**Chancellor
University of Kamalia**

It is with great pride and enthusiasm that I welcome you to the University of Kamalia – a beacon of knowledge, innovation, and excellence. As Chancellor, I am honored to lead an institution committed to academic distinction, character building, and societal progress.

At the University of Kamalia, we believe that education is more than the transmission of knowledge; it is the shaping of responsible, enlightened citizens who will contribute meaningfully to their communities and the world at large. Our dedicated faculty,

modern facilities, and dynamic academic programs ensure that students are equipped with the skills and values needed for the challenges of the 21st century. As we continue to grow, we remain rooted in our mission: to foster critical thinking, nurture creativity, and uphold integrity. I encourage our students to take full advantage of the opportunities offered here, both inside and outside the classroom and to become active participants in their own learning journey.

Let us work together to build a future where education serves as a powerful force for transformation and unity.

Warm regards

UNIVERSITY OF KAMALIA



Pro-Chancellor's Message



Rana Sikandar

Pro-Chancellor's Message University of Kamalia

It is my distinct pleasure to extend a heartfelt welcome to the University of Kamalia – a place where curiosity meets commitment, and where future leaders are nurtured through knowledge, innovation, and purpose.

At the University of Kamalia, we offer a transformative academic environment that empowers talented individuals to succeed in a rapidly evolving global landscape. Our mission is to cultivate not only academic excellence but also social responsibility, leadership, and a lifelong passion for learning.

positions us as a rising centre of academic and research excellence.

The University of Kamalia hosts four vibrant faculties, fostering a rich, multidisciplinary academic environment. We are committed to innovation in AI, data science, and digital entrepreneurship.

Our student-centered campus promotes critical thinking, ethical leadership, and inclusive learning.

Through strong partnerships, we bridge academia, industry, and society for real-world impact.

As Pro-Chancellor, I proudly welcome you to join our journey of excellence and growth.

UNIVERSITY OF KAMALIA



VICE CHANCELLOR'S MESSAGE



Prof. Dr. Yasir Nawab

**Vice Chancellor
University of Kamalia**

At the University of Kamalia, Toba Tek Singh, we are dedicated to empowering our graduates with advanced knowledge, critical thinking, and professional skills that are essential in a highly competitive national and global job market. Our educational approach goes beyond the traditional classroom setup; we strive to instill in our students the rich cultural and religious values inherited from our forebears.

Our objective is to develop not only proficient professionals but also conscientious citizens.

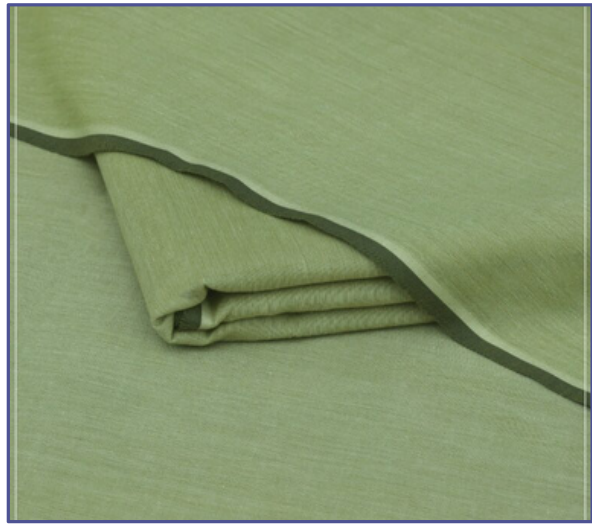
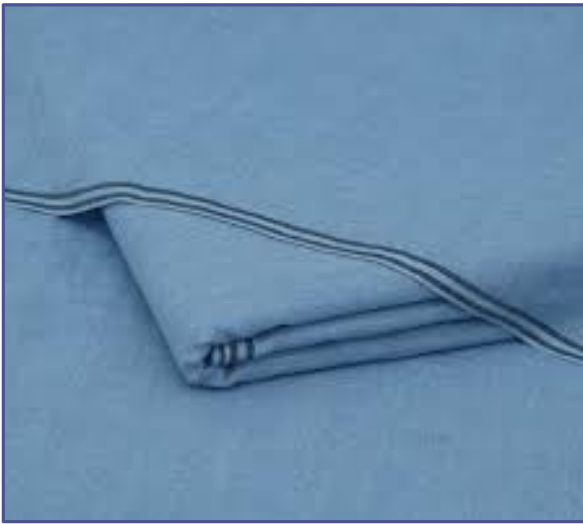
We are unwavering in our commitment to providing top-notch education by continually enhancing our teaching methodologies and research facilities. To all our new students, I extend my best wishes for an inspiring and fulfilling journey. I am confident that each of you will contribute to the illustrious legacy of excellence in education at this esteemed institution.

UNIVERSITY OF KAMALIA



KAMALIA: CITY OF KHADDAR

Kamalia is a historic town located in the Toba Tek Singh District of Punjab, Pakistan. Known for its rich cultural heritage and vibrant textile industry, Kamalia has long been famous for its traditional hand-woven "Khaddar" fabric, which remains popular across the country. The town features a blend of rural charm and developing urban life, with agriculture playing a central role in the local economy. Kamalia also holds significance for its educational institutions and growing infrastructure, making it an important center in the region. Its people are known for their hospitality, strong community values, and deep connection to tradition.



UNIVERISTY OF KAMALIA



Registrar Office

Welcome to the University of Kamalia. Our mission is to provide you with exceptional education that prepares you for professional success and personal growth. We combine rigorous academic training with cultural values, ensuring you develop not just technical skills, but also ethical leadership. Our innovative curriculum and modern facilities are designed to equip you for the challenges of a competitive global job market. We are committed to your comprehensive development as skilled professionals and responsible citizens. Best wishes for your academic journey.



Ms. Saima Farman

Registrar University of Kamalia

Examination Office



Dr. Muhammad Ishtiaq

Examination Controller
University of Kamalia

Please be reminded to review the examination schedules, instructions, and rules carefully. All details regarding your exam times, locations, and necessary documents will be available on your admit card. For any queries or assistance, feel free to contact our office. We wish you the best of luck and success in your exams!



Treasurer Office

This is a reminder to ensure that all fees and payments are made on time as per the university's schedule. Detailed information regarding fee structures, deadlines, and payment methods is available on the university portal and at the Treasurer's Office. If you have any questions or require assistance, please don't hesitate to contact us.

Mr. Sarfaraz Ahmad

Directorate of Information Technology

The Directorate of Information Technology is here to support your digital needs throughout your academic journey. Please ensure that you have activated your university email and are familiar with the online learning platforms, student portal, and other IT services. For any technical issues or assistance, feel free to contact our helpdesk or visit the IT office.

Directorate of Information Technology

IT TEAM



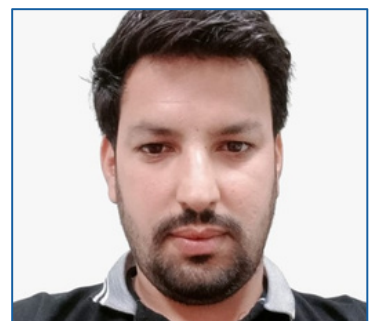
Ahmad Shoukat



Imran Hussain



M.Nasir



Imran Afzal



Directorate of Quality Enhancement Cell

The Quality Enhancement Cell (QEC) is an essential unit within higher education institutions, established to ensure and promote high standards in academic programs, teaching, learning, and research. Its primary role is to develop and implement internal quality assurance mechanisms that align with national and international benchmarks. The QEC monitors and evaluates academic performance through processes like self-assessment, feedback collection, and periodic reviews. By fostering a culture of continuous improvement, the QEC plays a vital role in enhancing the overall educational experience, supporting faculty development, and maintaining institutional accreditation and accountability.



Directorate of Quality Enhancement Cell

Director

Dr. Sarmad Masood Shaheen.

Ph.D Physics (Institute of High Energy Physics,
Chinese Academy of Sciences, Beijing)

Email: qec@uok.edu.pk

Ph: +92 312 6917758



PA To Director

Mr. Muhammad Imran

Email: mimran5757@gmail.com

Ph:+92 308 6285202



Senior Computer Operator

Mr. Muhammad Faizan

Ph:+92 308 6444766

Email: faizee511@gamil.com



UNIVERISTY OF KAMALIA



Directorate of Office of Research, Innovation and Commercialization

The Office of Research, Innovation and Commercialization (ORIC) at the University of Kamalia was established in May 2025 in line with the policies of the Higher Education Commission (HEC), Islamabad, to implement its goal of prioritizing research for a future knowledge-based economy and sustainable economic growth.

At the University of Kamalia, ORIC supports both teaching and non-teaching staff in promoting their research activities by building capacity through events, training sessions, and technical guidance for securing project grants from national and international donors. With a specific focus on Sustainable Development Goals (SDGs), ORIC is expanding the university's research horizon by developing strong partnerships with national and global organizations.

ORIC ensures that research at the University of Kamalia aligns with international standards and strives for excellence in innovation and impact. The office is playing a pivotal role in positioning the university among emerging research-focused institutions. Committed to cultivating a strong research culture, ORIC works across all academic disciplines to elevate the university's research capabilities. It supports both student and faculty research, addresses commercialization challenges, and provides comprehensive services for R&D, innovation, patents, collaborations, trainings, seminars, symposiums, conferences, and workshops.



Directorate of Office of Research, Innovation and Commercialization

Deputy Director

Dr. Atteeq ur Rahman

PhD Business Management (University of
International Business and Economic, Beijing)

Email: atteequrrahman@gmail.com

Ph: +92 0302 7734464



Assistant

Anwaar Fareed

Email: anwaarfareed0@gmail.com

Ph:+92 0302 7734464



UNIVERISTY OF KAMALIA



International Adjunct faculty



Dr. Nadeem Abbas
Professor (Adjunct)
PhD in Software Engineering
Linnaeus University



Dr. Muhammad Taimoor
Professor (Adjunct)
Software, System and AI Security
University of Greenwich



Dr. Muhammad Asif Habib
Professor (Adjunct)
Computer Networks, Blockchain
Al Imam Mohammad Ibn Saud
Islamic University



Dr. Asif Ali Safeer
Professor (Adjunct)
PhD in Business Administration
Business School, Huanggang
Normal University,



Dr. Malik Aamir Shahzad
Professor (Adjunct)
Associate Professor (Adjunct)
Ph.D Human Nutrition



Dr. John Arthur
Professor (Adjunct)
PhD in Business Administration
Unilever (Ex) Northumbria University

UNIVERSITY OF KAMALIA



International Adjunct faculty



Dr. Alana James

Professor (Adjunct)



Dr. Shahid Rasool

Assistant Professor (Adjunct)
Software, System and AI
Security
University of Greenwich



Dr. Abdel Fattah Seyam

Professor (Adjunct)
PhD in Textile
North Carolina State University



Prof. Josphat Igadwa

Professor (Adjunct)
PhD in Textile and Fashion
Open University of Kenya- Konza



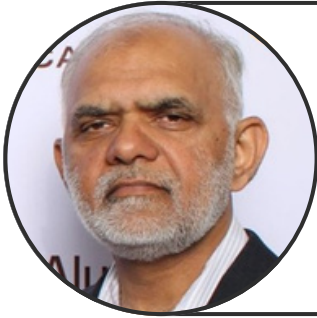
Prof. Abdelghani Saouab

Professor (Adjunct)
Ph.D Mathematics
University of Le Havre

UNIVERISTY OF KAMALIA



International Advisory Board



DR. SAJJAD ALI RAO

Member PHD Natural Sciences committee
Research Advisor Canadian Plant Breeder
Canada



TANZEEL UR REHMAN KHAN

Software Test-Consulting & Management -Test
Lead Mall, Siemens-evosoft
Germany



DR. ALI ASGHAR

Senior Auditor Certifications, SGS, North America
USA



MOHD SOPUNTIK

Professor of Composite Materials
University of Putra Malaysia



ABUBAKAR SIDDIQUI

Chief Security Advisor at Cywift, UK (Cybersecurity)

UNIVERISTY OF KAMALIA



COMMUNITY ADVISORY BOARD

The University of Kamalia has formally constituted its Community Advisory Board to strengthen its societal engagement and enhance its contribution to community development.

The decision was approved during the 5th Syndicate meeting held on April 7, 2025, and officially notified by the Office of the Registrar.

The establishment of the Community Advisory Board reflects the University's commitment to fostering meaningful linkages with the broader society. The Board is tasked with advising the University on community educational needs, supporting socially responsive and inclusive initiatives, and mobilizing local support for scholarships, infrastructure development, and fundraising. It will serve as a strategic bridge between the University and the local community, ensuring that academic planning aligns with regional development priorities. The appointed members of the Community Advisory Board are:



UNIVERSITY OF KAMALIA



COMMUNITY MEMBERS



DR. ARSHAD HANIF

(Abdullah Poultries, Kamalia)

Chairman Community Advisory Board
University of Kamalia



MR. MUHAMMAD ASLAM ANSARI

(UK - Overseas Pakistani)
Member

Community Advisory Board
University of Kamalia



DR. MAIN ARIF SALEEM ARIF

(Educationist, Pirmahal)
Member

Community Advisory Board
University of Kamalia



DR. MUHAMMAD RIAZ

(Kent Feeds Kamalia)
Member

Community Advisory Board
University of Kamalia



MR. AHMAD FARAZ SINDHU

(Sindhu Agriculture Farms, Kamalia)
Member

Community Advisory Board
University of Kamalia

UNIVERSITY OF KAMALIA



COMMUNITY MEMBERS



CHAUDHARY TANVEER AKHTAR

(Ayaan Mall, Kamalia)

Member

Community Advisory Board

University of Kamalia



MR. AMJAD ISLAM AMJAD

(President, Ghala Mandi, Kamalia)

Member

Community Advisory Board

University of Kamalia



SHAIKH. AMIR SHABBIR

(Lasani Khadar, Kamalia)

Member

Community Advisory Board

University of Kamalia



MR. ABDULQADEER CHAUDHARY

(Advance Progressive Agri-Farmer)

Member

Community Advisory Board

University of Kamalia



MALIK MOHSIN ALI

(Abdullah Poultries, Kamalia)

Member

Community Advisory Board

University of Kamalia

UNIVERISTY OF KAMALIA



COMMUNITY MEMBERS



MR. MUHAMMAD NAWAZ

(Assistant)

Secretary

Community Advisory Board

University of Kamalia

UNIVERISTY OF KAMALIA



ADMISSION RULES AND REGULATIONS FOR BS DEGREE PROGRAM 2025



www.ukm.edu.pk



University of Kamalia

Admission Procedure

Eligibility:

Eligibility: Male/Female students having domicile of Punjab and at least 45% marks (50% for Computer Science/Information Technology/Human Nutrition and Dietetics) marks in intermediate (excluding 20 marks of Hifz-e-Quran) eligible for admission.

Age Limit:

The maximum age limit for eligibility is 24 years on the closing date of the application. However, the age may be relaxed up to four years by the Competent Authority.

Admission Procedure:

The following provisions will be followed for admissions from Fall 2025.

A candidate who has passed all subjects 1st year exam, with at least 45% marks or minimum percentage marks as may be required for any degree program, may apply for admission with condition that the candidate will have to pass 2nd year exams to fulfil minimum marks required for admission in concerned degree program.

The admissions based on 1st year exam will be made provisionally. If a candidate fails in 2nd year exam or failed to maintain minimum marks meant for degree program in which he / she has already secured admission based on 1st year result, his / her admission will be cancelled.



Admission Procedure

- His/her fee will be refunded as per policy of the University of Kamalia Any departments, where admissions could not be completed due to a smaller number of qualified candidates or admissions are cancelled due to above mentioned circumstances, may fill vacant seats after declaration of results of 2nd year. Such admissions will be made based on merit amongst newly passed candidates provided they had already applied admissions based on 1st year result. However, no admissions will be made after two weeks from commencement of classes.
- A candidate may also apply for admission based on 2nd year result if he / she has already completed his / her intermediate exams before the closing date of admissions by the University. The merit for such candidates will be determined based on percentage marks obtained in intermediate exams viz-a-viz students who have applied on 1st year exam. No student can claim admission based on 2nd year result merely because he / she has secured more marks than the students already admitted.
- The merit lists will not be revised based on 2nd year results. The students, if admitted after 2nd year result, will stand below in merit lists even if they secure more marks than already admitted students.
- A student once admitted will not be moved from evening to morning or morning to evening program after 2nd year result.
- Applications for admission will be submitted online.



Admission policy

Submit attested photocopies of the following documents:

- Matriculation Certificate
- FA/F.Sc/Equivalent Certificate
- CNIC/B-Form of the candidate
- CNIC of Father/Guardian of the candidate
- Three (3) passport size pictures (in blue background) of the candidate (attested from back side)
- Hafiz-e-Quran certificate issued from relevant authority (if applicable)
- Disability certificate issued by the Social Welfare Department

No student will have right to claim change in section or class or shift after finalization of admissions and formation of classes by the concerned department.

All the merit lists will be displayed on the university website and notice boards of the concerned departments as per notified schedule

- No candidate will be informed personally. Minimum requirement for starting the class in any discipline/program is 20 students per class/section.
- All educational certificates/degrees will be verified by the University.
- Presentation of incorrect/false/forged/fraudulent information or document(s) in connection with admission is a criminal offense and the University reserves the right to initiate appropriate legal action against the candidate.



Admission policy

- Any person who has attained the age of twenty-four years or more on the last date fixed for the receipt of the applications for admissions shall not be admitted to BS or equivalent undergraduate programmes. However, there shall be no age limit for Disable/Special Students.

(Vide Notification No.S.O.(A-III)1-83/2012 dated 7/11/2013 issued by Punjab Higher Education Department).

- If there is a tie between two or more candidates having equal merit in BS/LLB or equivalent programs, their merit shall be determined based on the marks obtained by them in the FA/FSc or equivalent examination. If that is also equal, then marks in Matriculation shall be considered.
- There after, if the candidates have equal merit, the candidate older in age shall be given preference over the younger in age.
- An authenticated certificate in respect of **Hafiz-e-Quran** must be attached with the original admission application, failing which no credit shall be given.
- A student will get credit of Hafiz-e-Quran after passing oral Hafiz test conducted by the committee to be formed by the Vice Chancellor. Any reserved seat which remains unfilled other than nominees from Azad Kashmir / Northern Areas / Baluchistan / FATA, may, with the approval of the Vice- Chancellor, be transferred to the Merit Quota.
- Such seats may be considered and included preferably in first merit list with the approval of the Vice-Chancellor on the recommendation of the Chairman, Admissions Committee.



Refund of Fees under Regular Program

- Fees and Funds (University and Departmental dues) of a student are transferable to any other Department of University of Kamalia subject to the approval of Chairman, Admissions Committee.
- If a student withdraws or cancels his / her admission after closing of admissions in a regular program, no fee will be refunded except amount of security and examination fee.
- All dues shall be refundable in case of cancellation of admission granted due to mistake, miscalculation, neglect, or omission by University of Kamalia.
- Dues shall not be refundable in case of cancellation of admission based on
 - (i) miss statements
 - (ii) incorrect information
 - (iii) concealment of facts
 - (iv) fake certificates
 - (v) use of any other unfair means on the part of an applicant.
- Any over payment shall be refundable after the fulfilment of all official formalities.
- The amount of security shall be refundable within three years after the final result announcement.
- Refund of Fee under Self-Supporting Programs: If a student does not intend to continue his studies due to death/disability of his / her father/guardian, full fee may be refunded.
- In case of death or physical or mental incapacity of the student, fee may be refunded. However, the amount of refund shall be determined by the Vice-Chancellor according to the circumstances of the case.



Refund of Fees under Regular Program

Where a student withdraws his / her admission, the following rules shall be followed for refund of fee according to the HEC Policy for self-supporting programmes:

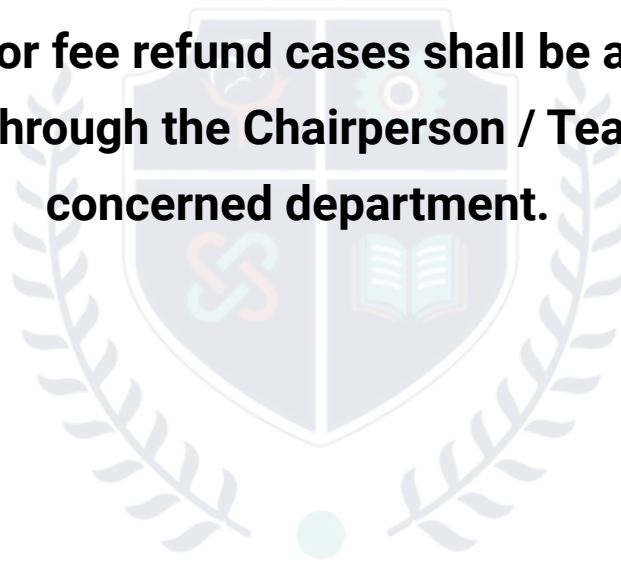
Tuition Fee Refund Timeline for Semester System

Full (100%) Up to 7th day of convene of classes

Half (50%) From 8th -15th day of convene of classes

No Fee (0%) From 16th day of convene of classes

All applications for fee refund cases shall be addressed to the Treasurer Office through the Chairperson / Teacher Incharge of concerned department.



University of Kamalia



Admission policy

Authority of Admission:

The admission to Bachelor's degree programs shall be made by Director Academics.

- The Competent Authority may refuse admission to a candidate without assigning any reason.
- Admission will be granted strictly on merit i.e. 30% weightage marks obtained in matric and 70% weightage marks in FA/F.Sc./I.Com/ICS or equivalent examinations (30:70 for Matriculation: Intermediate) in 2023 and 2025 respectively for morning programs only.
- Admission will be granted provisionally subject to verification of the certificates of the candidates from the relevant Secondary Board. Equivalence certificate is required from IBCC Islamabad/Lahore (where applicable).
- For all the programs 20 marks for Hafiz e Quran will be granted to those candidates who will be declared successful after evaluation by the Admission Committee constituted.
- Students who want to change the program will be allowed if one falls under merit of that program with the permission of Competent Authority.
- If a student gets admission by mistake (human error/computer etc.) and does not full fill the criteria of admission mentioned in the prospectus, his/her admission shall stand cancel automatically and there will be no liability on the part of the institution.
- Each student will submit a "Declaration" on a judicial paper of Rs:-50/- at the time of enrolment. Besides the open merit, the candidates may apply against the reserved seats for different programmes as explained under:
- For Morning Programmes: Besides the open merit the candidates may apply against the reserved seats as per University of kamalia rules.

UNIVERISTY OF KAMALIA



Admission policy

Note: There will be no reserved seats in Balochistan, FATA, FANA (Gilgit Baltistan), Kashmir, and Gawadar quota where entry test is mandatory to qualify for seeking admission. **Note:** Admission on the reserved/quota seats will be completed by the admission committee (s) in accordance with the admission rules for reserved seats.

Change of Department:

Form Transfer:

After display of the merit lists subject to the availability of seats, the transfer of forms from one department to another department in the morning program may be allowed through admission committee subject to deposit of amount as per processing fees/Prospectus fee decided, in University account as transfer fee if all eligible applicants are exhausted and the seats are vacant in the desired department.

Admission to BS Arts and Design, Fashion Designing program will be granted on the basis of Aptitude Test (50% qualifying marks) conducted under the Directorate of Academics. 10. Pre-requisites: The following pre-requisites have been proposed for the respective undergraduate programs with the condition that the candidates must have studied these subjects at secondary or higher secondary level for respective programs:



Admission policy

Sr #	Department	Eligibility Criteria
1	Human Nutrition & Dietetics/ Medical Lab Technology/	F.Sc (Pre medical) or equivalent* with at least 45 % marks (2nd Division)
2	Chemistry, Physics	F.Sc (Pre medical)/ (Pre engineering) or equivalent* with at least 45 % marks (2nd Division)
3	Computer Science , Information Technology	F.Sc (Pre-Medical + additional Mathematics subject), F.Sc (Pre-Engineering) ICS, (Mathematics or Computer Science or Statistics, Physics, Economics is mandatory), F.A (with Mathematics or Computer Science), Matric with Science DAE, at least 50% marks in intermediate examination
4	Mathematics, Physics	F.Sc (Pre-Engineering)/ ICS with Physics/ A-Level/F.Sc (Pre-Medical)/ with Math as additional paper or equivalent* with at least 45% marks (2nd Division)
5	Fashion Design, English	F.A/F.Sc (Pre-Medical/ Pre-Engineering) or equivalent* with at least 45 % marks (2nd Division)
6	Business Administration/ Commerce/ English	F.A/F.Sc/I.Com/I.CS/A-Level or equivalent with at least 45 % marks (2nd Division)
7	Fine Arts/BFA/BGD/Fas hion Designing	F.A/F.Sc/I.Com/I.CS/A-Level or equivalent with at least 45 % marks (2nd Division). Candidates have to qualify an Aptitude Test securing at least 50% marks



Rules and Regulations

MEDIUM OF INSTRUCTION The medium of instruction and examination shall be English.

DURATION OF THE COURSE: The duration for the BS(H)/BBA all not be less than eight and more than 12 semesters.

DURATION OF THE SEMESTER: There shall Fall and Spring semesters of 18 weeks each in an Academics year and a summer semester of 08 weeks. The commencement of semesters shall be regulated by the Academics Council. (Explanation: Out of 18 weeks, 16 weeks shall be actual teaching time; the rest may be utilized for enrolment, conduct of examinations and declaration of results, etc.).

SCHEMES OF STUDIES: The schemes of study for the various degree programs are given in the Prospectus which may be amended from time to time.

CREDIT HOURS REQUIREMENT FOR VARIOUS DEGREES: The credit hour requirement for various degree programs shall be as following: BS (4 years): 120-144

ROUTING OF ACADEMICS MATTERS: All the Academics matters shall be routed through proper channel i.e. through the Chairperson /Incharge of the Department/Director/Principal/ Dean/Coordinator of the concerned faculty.

ENROLLMENT REQUIREMENT: A candidate admitted to the course shall enrol for each semester, as long as he/she has not completed all the requirements for the degree, subject to the maximum admissible limit of semesters



Rules and Regulations

ENROLMENT:

- An application for enrolment on the prescribed Course Registration Form (UG-1) accompanied by proof of fee paid (bank receipt) shall be presented to the office of the Directorate of Academics on the day(s) notified for enrolment. 7 Fine Arts/BFA/BGD/Fashion Designing F.A/F.Sc/I.Com/I.CS/A-Level or equivalent with at least 45 % marks (2nd Division). Candidates have to qualify an Aptitude Test securing at least 50% marks 8
- The office of the Dean/Coordinator under special circumstances and on payment of late fee of Rs. 200/- may permit a student to submit Course Registration Form within 5 working days after the commencement of the classes.
- The Vice Chancellor may allow a student to submit Course Registration Form till the last day of the 4th week after the commencement of classes, with fee of Rs. 500/-
- Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.
- Enrollment will only be considered complete when Course Registration Form (UG1) is submitted to the office of the Director Academics and it is mandatory for the completion of the enrollment process.
- A candidate admitted to a degree program shall, for so long as the student has not submitted thesis / Research report / Research paper/Internship report (whichever is applicable), have to enroll for each semester.



Rules and Regulations

Maximum 8 Semesters (4- Years) 12 Semesters (6- Years) 8 Semesters (4- Years) 12 Semesters (6- Years) The students who will enroll in the first additional semester beyond the normal tenure of the program will have to pay an additional tuition fee of 50% and for rest of the additional semesters will have to pay 100%, additional tuition fee over and above the regular fee

DISCONTINUATION/FREEZING OF STUDY/SEMESTER:

- A student may discontinue enrolled semester before appearing in the final examination with the permission of the Vice Chancellor obtained through the Registrar on the recommendations of the Dean/Coordinator of respective faculty and Director/Principal/ Chairperson /incharge, on account of sickness duly certified by the MS of DHQ hospital or due to circumstances beyond his/her control subject to fulfillment of condition that the student has passed the final examination of previous semester with minimum prescribed GPA/CGPA.
- The facility of discontinuation can be availed only once during whole degree program for only one Academics year (two semesters).
- A student so permitted to discontinue is required to resume his/her studies after two semesters (one freeze and one gap with zero credit) in the same semester which he/she has freezed i.e if a student freezes his/her 4th semester, 5th will be his/her gap semester and he/she will resume his/her studies after one year (two semester) in his/her 4th semester with the next session on the recommendation of Chairperson/Incharge/ Director/Principal/Dean/Coordina- tor concerned and notified by the Registrar. He/she will pay full semester fee after defreezing/rejoining the studies. Note: However, the student will follow the scheme of studied s of his/her own session.



Rules and Regulations

- During the semester freeze, bonafide status of the student shall remain suspended.
 - The student will not be entitled to avail any privilege as that of a regular student. Student has to submit the complete fee/dues for the freezed semester and Rs: 5000/- for the gap 9 semester also along with Under Graduate Course Registration (UG-1) form to maintain his/her studentship.
 - A candidate shall not ordinarily be allowed to discontinue his/her studies during 1st semester.
 - The facility of discontinuation can be availed only once during whole degree program for only one Academics year (two semesters).
 - A student so permitted to discontinue is required to resume his/her studies after two semesters (one freeze and one gap with zero credit) in the same semester which he/she has freezed i.e if a student freezes his/her 4th semester, 5th will be his/her gap semester and he/she will resume his/her studies after one year (two semester) in his/her 4th semester with the next session on the recommendation of Chairperson/Incharge/ Director/Principal/Dean/Coordinator concerned and notified by the Registrar. He/she will pay full semester fee after defreezing/rejoining the studies. Note: However, the student will follow the scheme of studied s of his/her own session.
- 9.4 During the semester freeze, bonafide status of the student shall remain suspended.



Rules and Regulations

. REVISION OF COURSE REGISTRATION FORM:

- A student may be permitted to revise his/her Course Registration Form (UG-1) within 20 days from the commencement of classes. After this period the student may be allowed to revise UG-1 Form up to the 4th week from the commencement of classes on payment of Rs. 500/- as late Course Registration fee.
- The student of first semester may be allowed to revise his/her Course Registration Form within first four weeks of the last date of enrollment with- out any late fee.

COURSE OF STUDY:

All graduate courses will be allocated appropriate course code numbers and will be preceded by the suitable alphabets indicating the name of the respective department.

- Teachers/instructors will be required to hand over detailed course outline to the students within 7 days of the beginning of semester and will send a copy of course outline and work plan to the chairperson of the concerned department
- A full time student can enroll up to 24 credit hours in a regular semester including regular plus repeat courses. However, the Vice Chancellor may relax enrollment rules up to 1extra Course for the last year (either odd or even semester) in special cases.
- A course can be repeated two times (maximum three times enrollment) at the most. The Controller of Examinations office will mention corresponding repetitions in the result notification and the student shall mention repetition status in the Course Registrations Form (UG-1) at the time of enrollment.



Rules and Regulations

- The Dean/Coordinator may consider credits earned by a student at another recognized Institution, subject to a maximum of 50 percent of the minimum credits requirements for the degree, on the recommendations of Equivalence Committee provided that: The contents of the course(s) for which credit is claimed, are identical or similar to the course included in his/her planned course work and the courses for which credit is claimed have not been used for another degree.
- A course studied to qualify a degree will not be taken/ considered for any other and higher degree program. 12.7 Credit earned for a course shall lapse on the expiry of five years for regular student and seven years for part time student from the end of the semester in which the course was qualified. The Vice Chancellor may revalidate the lapsed courses for special reasons to be recorded. 12.8 No course shall carry more than 4 credits.

EXAMINATIONS:

- Examination Fee: University examination fee shall be charged at the time of enrollment of each semester.

Tests and Examinations:

a) There shall be two examinations 'mid and final' in each semester. In addition to these examinations the teacher shall give home assignments and quizzes etc. to the students. The mode of these examinations will be left to the teacher, who will be solely responsible for the conduct of examination as well as evaluation in his/her course. The grade awarded in the course by the teacher shall be final.

b) Only those students, who have at least 75% attendance in theory and practical classes (where applicable) separately in each course, shall be eligible to appear in the final examination.



Rules and Regulations

- A teacher shall report to the Dean/Coordinator/Director/Principal concerned through the Chairperson of the respective Department the names of students who are absent from the lectures/ practical's (where applicable) continuously for seven days to enable the office of the Dean/Coordinator to strike off names of such students. The student may be readmitted under the university rules or may be refused admission if the reasons provided for readmission are not convincing.

Final examination:

The final examination for a semester shall be held on a schedule notified by the teacher in advance.

- The answer scripts of each examination shall be discussed with the students.
- The mid-semester examination shall be held during 9th week of the semester which shall carry 30 percent of the total allocated marks for the course. This examination shall be conducted by the teacher concerned who shall proceed according to the University rules.
- The following weightage shall be given to the examinations, home assignments, etc
- Student have to appear separately in Mid-term, Final Term and Practical Examination in each course.
- The teacher shall send the final award list along with answer scripts of mid, final and practical (where applicable) of the course to the office of the Controller of Examinations within 10 days after the end of a semester.
- The Dean/Coordinator may condone the delay in result submission. A soft copy of the award list should also be sent to the office of the Director/Principal/ Chairperson and the Dean/Coordinator concerned.

UNIVERSITY OF KAMALIA



Rules and Regulations

On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the office of the Dean/Coordinator, Director/Principal and the Chairperson/ Incharge of the concerned Department.

GRADE POINT AVERAGE:

- Grade point and equivalence between letter grading and numerical grading shall be as follows: Grade Value Marks (%) Remarks
A 4 80 -100 Excellent
B 3 65 -79.99 Good
C 2 50 -64.99 Satisfactory
D 1 40 -49.99 Poor
F 0 Below 40% Fail
- If a student fails to obtain CGPA of 1.75 at the end of each Academics year (after three consecutive Fall, Spring and Summer Semesters) his/her admission shall stand cancelled. However the student may seek fresh admission.
- A student is allowed to improve only those number of D grades required to get 2.50 CGPA for obtaining his/her degree, failing which the students shall cease to be on the rolls provided that he/she has availed the maximum permissible repetitions. CGPA of 2.5 out of 4.0 is required to qualify for the award of degree.
- Student is allowed to improve his/her D grades in any course of previous semesters during his/her course of study but only once. A student, who obtains **CGPA of 1.75** or more but less than **2.50** upon the completion of entire approved course work may be allowed to repeat once the courses of the previous semesters in which the students had obtained the lowest grades in order to improve the CGPA so as to obtain the minimum of 2.50, failing which the students shall cease to be on the rolls.



Rules and Regulations

THESIS / RESEARCH PROJECT/ INTERNSHIP:

- A student shall be required to submit a thesis/project research report and present it in a seminar /viva for evaluation conducted by an external examiner or committee of department examiners. The student has to clear all the courses before appearing in the final seminar/viva of research project/thesis.
- The supervisor through the respective Chairperson shall send the award list of thesis/paper/internship report in sealed envelope to the office of the Controller of Examinations. The Controller of Examinations shall notify the final result of the student.
- Original plagiarism report along with the Certificate from Supervisor and Declaration by the student must be submitted while submitting the thesis to the Director of Academics. The Director of Academics shall notify the dates for the semifinal and Final phases of thesis submission.
- The thesis evaluation should be completed within one month from the date of submission of thesis to the Controller of Examinations. The Controller of the Examinations shall get the approval of two external examiners (one an alternative in case of regret of the examiner) from the Vice Chancellor and the thesis shall be dispatched to that examiner.
- Supervisor, after consultation with the external examiner shall write to the Controller Examination notifying the date, time and venue of thesis evaluation.
- The colour of hard bound cover of BS Program should be black with title superimposed in golden



Rules and Regulations

General:

- The student who will enroll beyond his/her minimum limit of the semesters will have to pay an additional tuition fee of 50% and for rest of the additional semesters will have to pay 100%, additional tuition fee over and above the regular fee.
- After submission of the thesis, the students will not be allowed to reside in the University hostels.
- Office of the Dean/Coordinator will maintain student record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of the Vice Chancellor.
- Office of the Controller of Examinations shall keep scripts of student's examinations for whole session (4 years).
- The minimum number of students to start a class is 15. However, the Competent Authority may grant approval to start a class which is not fulfilling the above-mentioned number in special cases during regular and summer semesters. The policy is not applicable for the fail/re-sit students improving the lower grades.

University of Kamalia





University of Kamalia



FACULTY OF COMPUTING AND EMERGING SCIENCES

Visit Our Website
<https://ukm.edu.pk/>



Department of Computer Science

Introduction

The Department of Computer Science is a center of academic excellence and technological advancement, dedicated to cultivating a strong foundation in computing, software development, and innovative problem-solving. Our programs equip students with in-demand skills in algorithms, data structures, software engineering, and emerging technologies. By integrating theoretical knowledge with real-world applications, we prepare graduates to design cutting-edge solutions and excel in diverse fields such as software development, cybersecurity, data science, and cloud computing.

Our Mission

We envision the Department of Computer Science as a premier hub for education and research, developing future-ready professionals and thought leaders. Our goal is to push the boundaries of computing through interdisciplinary collaboration, cutting-edge research, and a commitment to ethical practices—enabling our graduates to make a meaningful impact in the digital economy and shape the future of technology.

Our Mission

Our mission is to provide a transformative learning environment that fosters technical expertise, critical thinking, and innovation. We strive to empower students with the knowledge and skills to advance the field of computer science, practice ethical and responsible computing, and tackle complex technological challenges—preparing them to become leaders and innovators in the global technology landscape.

Faculty



Dr. Muhammad Ahmad

Assistant Professor (Incharge)

Ph.D

The Islamia University of Bahawalpur,
Pakistan



Dr. Nadeem Abbas

Professor (Adjunct)

PhD in Software Engineering

Linnaeus University



Dr. Muhammad Taimoor

Professor (Adjunct)

Software, System and AI Security

University of Greenwich



Dr. Muhammad Asif Habib

Professor (Adjunct)

Computer Networks, Blockchain

Al Imam Mohammad Ibn Saud Islamic University





University of Kamalia

BS

COMPUTER SCIENCE

Visit Our Website
<https://ukm.edu.pk/>



BS Computer Science

SEMESTER - I

S.N.	Course Title	Credit Hours	Category
1	Programming Fundamentals	4(3-1)	Major
2	Digital Logic Design	3(2-1)	Major
3	Functional English	3(3-0)	General Education
4	Islamic Studies/Ethics (for Non-Muslim Students in lieu of Islamic Studies)	2(2-0)	General Education
5	Application of Information and Communication Technology	3(2-1)	General Education
6	Teaching of The Holy Quran-I	1(1-0)	
Total Credit Hrs 16			

SEMESTER - II

S.N.	Course Title	Credit Hours	Category
1	Object Oriented Programming	4(3-1)	Major
2	Computer Organization & Assembly Language	3(2-1)	Major
3	Computer Networks	3(2-1)	Major
4	Expository Writing	3(3-0)	General Education
5	Ideology and Constitution of Pakistan	2(2-0)	General Education
6	Discrete Structures	3(3-0)	General Education
Total Credit Hrs 18			



BS Computer Science

SEMESTER - III			
S.N.	Course Title	Credit Hours	Category
1	Data Structures	4(3-1)	Major
2	Artificial Intelligence	3(2-1)	Major
3	Software Engineering	3(3-0)	Major
4	Applied Physics	3(2-1)	General Education
5	Introduction to Management	2(2-0)	General Education
6	Calculus and Analytic Geometry	3(3-0)	General Education
7	Teaching of The Holy Quran-II	1(1-0)	
Total Credit Hrs 19			

SEMESTER - IV			
S.N.	Course Title	Credit Hours	Category
1	Analysis of Algorithms	3(3-0)	Major
2	Database Systems	4(3-1)	Major
3	Operating Systems	3(2-1)	Major
4	Professional Practices	2(2-0)	General Education
5	Entrepreneurship	2(2-0)	General Education
6	Civics and Community Engagement	2(2-0)	General Education
Total Credit Hrs 16			



BS Computer Science

SEMESTER - V			
S.N.	Course Title	Credit Hours	Category
1	Computer Architecture	3(2-1)	Major
2	Advance Database Mar	3(2-1)	Major
3	Object Oriented Analysis	3(2-1)	Major
4	Web Engineering	3(2-1)	Major
5	Multivariable Calculus	3(3-0)	Interdisciplinary
6	Teaching of The Holy Q	1(1-0)	
Total Credit Hrs 16			

SEMESTER – VI			
S.N.	Course Title	Credit Hours	Category
1	Theory of Automata	3(3-0)	Major
2	Visual Programming	3(2-1)	Major
3	Information Security	3(2-1)	Major
4	Mobile Application Development	3(2-1)	Major
5	Probability & Statistics	3(3-0)	Interdisciplinary
6	Internship (6-8 weeks)	3(0-3)	Internship
Total Credit Hrs 18			



BS Computer Science

SEMESTER - VII

S.N.	Course Title	Credit Hours	Category
1	Compiler Construction	3(2-1)	Major
2	Software Testing & Quality Assurance	3(2-1)	Major
3	Cyber Security	3(2-1)	Major
4	Human Computer Interaction	3(2-1)	Major
5	Linear Algebra	3(3-0)	Interdisciplinary
6	Teaching of The Holy Quran-IV	1(1-0)	

Total Credit Hrs:16

SEMESTER – VIII

S.N.	Course Title	Credit Hours	Category
1	Parallel and Distributed Computing	3(2-1)	Major
2	Digital Image Processing	3(2-1)	Major
3	Introduction to Marketing (Management Sciences)	3(3-0)	Interdisciplinary
4	Technical & Business Writing	3(3-0)	Interdisciplinary
5	Capstone Project	3(0-3)	Capstone Project

Total Credit Hrs:15



BS Computer Science

Fee Structure Morning

Semester I 52,000	Semester II 42,000	Semester III 42,000	Semester IV 42,000
Semester V 42,000	Semester VI 42,000	Semester VII 42,000	Semester VIII 50,000

Fee Structure Evening

Semester I 67,000	Semester II 57,000	Semester III 57,000	Semester IV 57,000
Semester V 57,000	Semester VI 57,000	Semester VII 57,000	Semester VIII 65,000



BS

SOFTWARE ENGINEERING



Visit Our Website
<https://ukm.edu.pk/>



BS Software Engineering

Introduction

The Program of Software Engineering is a center of academic excellence and technological innovation, dedicated to building strong foundations in software design, development, and engineering principles. Our programs equip students with in-demand skills in software architecture, agile methodologies, cloud computing, and emerging technologies. By integrating theoretical knowledge with practical, real-world projects, we prepare graduates to engineer reliable, scalable, and efficient software solutions and excel in diverse fields such as software development, DevOps, mobile and web applications, and enterprise systems.

Our Mission

Our mission is to provide a transformative learning environment that fosters technical expertise, critical thinking, and creativity. We strive to empower students with the knowledge and skills to advance the field of software engineering, practice ethical and responsible development, and tackle complex technological challenges—preparing them to become leaders and innovators in the global software industry.

Our Vision

Our Vision

We envision the Program of Software Engineering as a premier hub for education and research, developing future-ready professionals and thought leaders. Our goal is to push the boundaries of software engineering through interdisciplinary collaboration, cutting-edge research, and a commitment to ethical practices—enabling our graduates to make a meaningful impact in the digital economy and shape the future of software technologies.



BS Software Engineering

SEMESTER-I		
S.N.	Course	Credit Hours
1	Programming Fundamentals	3 (2-1)
2	Functional English	2 (2-0)
3	Calculus & Analytical Geometry	3 (3-0)
4	Information and Communication Technologies	3 (2-1)
5	Applied Physics	4 (3-1)
6	Pakistan Studies and Global Perspective	2 (2-0)
7	Occupational Health and Safety	1 (1-0)
TOTAL CREDIT HOURS: 18		
SEMESTER-II		
S.N.	Course	Credit Hours
1	Discrete Structure	3 (3-0)
2	Computer Architecture and Logic Design	4 (3-1)
3	Linear Algebra	3 (3-0)
4	Object Oriented Programming	4 (3-1)
5	Communication Skills	2 (2-0)
6	Islamic Studies and Ethics	2 (2-0)
TOTAL CREDIT HOURS: 18		



BS Software Engineering

SEMESTER-III		
S.N.	Course	Credit Hours
1	Data Structure and Algorithm	4 (3-1)
2	Database Systems	4 (3-1)
3	Software Engineer Fundamentals	3 (3-0)
4	Probability and Statistics	3 (3-0)
5	Operating Systems	4 (3-1)
TOTAL CREDIT HOURS: 17		
SEMESTER-IV		
S.N.	Course	Credit Hours
1	Complex Variables and Transforms	3 (3-0)
2	Numerical Analysis	3 (2-1)
3	Computer Networks	4 (3-1)
4	Software Design and Architecture	3 (2-1)
5	Design and Analysis of Algorithms	3 (3-0)
6	Sociology Elective - I	2 (2-0)
TOTAL CREDIT HOURS: 18		



BS Software Engineering

SEMESTER-V		
S.N.	Course	Credit Hours
1	Engineering Elective - I	3 (3-0)
2	Cloud Computing	3 (2-1)
3	MDEE – I (Embedded Systems)	3 (2-1)
4	Soft Construction and Development	3 (2-1)
5	Technical Writing and Presentation Skills	3 (3-0)
6	Management Sciences Elective- I (Engg Management /Project Management)	3 (3-0)
TOTAL CREDIT HOURS: 18		
SEMESTER-VI		
S.N.	Course	Credit Hours
1	Engineering Elective - II	3 (3-0)
2	Management Science Elective – II (Entrepreneurship & Marketing)	2 (2-0)
3	Former Methods in Software Engg	3 (3-0)
4	Software Project Management	3 (3-0)
5	Human Computer Interaction	3 (2-1)
6	Software Quality Engg	3 (3-0)
TOTAL CREDIT HOURS: 17		



BS Software Engineering

SEMESTER-VII		
S.N.	Course	Credit Hours
1	Engineering Elective - III	3 (3-0)
2	Engineering Elective - IV	3 (3-0)
3	Information Security	3 (3-0)
4	Social Science – II (Engg Economics)	2 (2-0)
5	FYDP (Part – I)	3 (0-3)
TOTAL CREDIT HOURS: 14		
SEMESTER-VIII		
S.N.	Course	Credit Hours
1	Engineering Elective - V	3 (3-0)
2	Engineering Elective - VI	3 (3-0)
3	MDEE -II (Internet of Things)	3 (3-0)
4	FYDP (Part – II)	3 (0-3)
TOTAL CREDIT HOURS: 12		



BS Software Engineering

Fee Structure Morning

Semester I 52,000	Semester II 42,000	Semester III 42,000	Semester IV 42,000
Semester V 42,000	Semester VI 42,000	Semester VII 42,000	Semester VIII 50,000

Fee Structure Evening

Semester I 67,000	Semester II 57,000	Semester III 57,000	Semester IV 57,000
Semester V 57,000	Semester VI 57,000	Semester VII 57,000	Semester VIII 65,000



BS

Artificial Intelligence



Visit Our Website
<https://ukm.edu.pk/>



BS Artificial Intelligence

Introduction

The BS of Artificial Intelligence is a hub of innovation and technological excellence, nurturing a deep understanding of machine learning, data science, and intelligent systems. Our programs inspire students to explore cutting-edge AI techniques, master computational tools, and develop impactful solutions to real-world problems. By blending theoretical foundations with practical applications, we prepare students to make meaningful contributions in AI, data-driven industries, and emerging technologies.

Our Mission

Our mission is to foster a dynamic learning environment that promotes innovation, technical proficiency, and critical thinking. We aim to empower students with the skills to advance artificial intelligence, engage with ethical and responsible AI practices, and confidently solve complex challenges—preparing them to become leaders and innovators shaping the future of intelligent technologies.

Our Vision

We envision the BS of Artificial Intelligence as a leading center of AI excellence, cultivating the next generation of creative problem-solvers, entrepreneurs, and thought leaders. Our goal is to expand the frontiers of AI education and research by championing ethical practices, interdisciplinary collaboration, and global impact—equipping our graduates to thrive in a rapidly evolving digital world.



BS Artificial Intelligence

Semester I		
S.N.	Course Title	Credit Hours
1	Probability and Statistics	3(3-0)
2	Programming Fundamentals	4(3-1)
3	Functional English	3(3-0)
4	Introduction to ICT	3(2-1)
5	Discrete Structures	3(3-0)
6	Fehm-e-Quran-I	1(0-1)
7	*Math Foundation-1	0(0-0)
Total Credit Hrs:17		

Semester II		
S.N.	Course Title	Credit Hours
1	Physics for Computing	3(2-1)
2	Fundamentals of Management	2(2-0)
3	Database Systems	4(3-1)
4	Digital Logic Design	3(2-1)
5	Object Oriented Programming	4(3-1)
6	Fehm-e-Quran-II	1(0-1)
7	*Math Foundation-2	0(0-0)
Total Credit Hrs:17		



BS Artificial Intelligence

Semester III		
S.N.	Course Title	Credit Hours
1	Calculus and Analytic Geometry	3(3-0)
2	Data Structures	4(3-1)
3	Data Communication and Networks	3(2-1)
4	Introduction to Artificial Intelligence	3(2-1)
5	Software Engineering Fundamentals	3(3-0)
6	Islamic Studies	2(2-0)
Total Credit Hrs:18		

Semester IV		
S.N.	Course Title	Credit Hours
1	Linear Algebra	3(3-0)
2	Programming for Artificial Intelligence	3(2-1)
3	Information Security	3(2-1)
4	Computer Organization & Assembly Language	3(2-1)
5	Knowledge Representation and Reasoning	3(2-1)
6	Expository Writing	(3-0)
Total Credit Hrs:18		



BS Artificial Intelligence

Semester V		
S.N.	Course Title	Credit Hours
1	Multivariable Calculus	3(3-0)
2	Machine Learning	2(2-1)
3	Operating Systems	3(2-1)
4	Design And Analysis of Algorithms	3(3-0)
5	AI Elective I	3(3-0)
6	AI Elective II	3(3-0)
Total Credit Hrs:18		

Semester VI		
S.N.	Course Title	Credit Hours
1	Artificial Neural Networks and Deep Learning	3(2-1)
2	Parallel and Distributed Computing	3(2-1)
3	AI Elective III	3(3-0)
4	AI Elective IV	3(3-0)
5	Financial Accounting	3(3-0)
6	Introduction to Textiles	2(2-0)
Total Credit Hrs:17		



BS Artificial Intelligence

Semester VII		
S.N.	Course title	Credit Hours
1	BS Final Project-I (FYP-1)	2(0-2)
2	Computer Vision	3(2-1)
3	AI Elective V	3(3-0)
4	AI Elective VI	3(3-0)
5	Technical and Business Writing	3(3-0)
6	Entrepreneurship	2(2-0)
7	Ideology and Constitution of Pakistan	2(2-0)
Total Credit Hrs:18		

Semester VIII		
S.N.	Course title	Credit Hours
1	BS Final Project-II	4(0-4)
2	AI Elective VII	3(3-0)
3	Civics & Community Engagement	2(2-0)
4	Professional Practices	2(2-0)
Total Credit Hrs:11		



BS Artificial Intelligence

Fee Structure Morning

Semester I 52,000	Semester II 42,000	Semester III 42,000	Semester IV 42,000
Semester V 42,000	Semester VI 42,000	Semester VII 42,000	Semester VIII 50,000

Fee Structure Evening

Semester I 67,000	Semester II 57,000	Semester III 57,000	Semester IV 57,000
Semester V 57,000	Semester VI 57,000	Semester VII 57,000	Semester VIII 65,000





University of Kamalia



BS



INFORMATON TECNOLOGY

Visit Our Website
<https://ukm.edu.pk/>



Introduction

The Program of Information Technology empowers students with a comprehensive understanding of modern computing, networking, and digital innovation. Our curriculum emphasizes practical skills in software development, systems administration, and IT project management, preparing graduates to address real-world challenges in a rapidly evolving technological landscape. Through hands-on learning and industry collaboration, we nurture adaptable professionals ready to excel in fields such as cloud computing, cybersecurity, and data analytics.

Our Mission

Our mission is to cultivate a dynamic learning environment that inspires creativity, technical proficiency, and ethical responsibility. We aim to equip students with the expertise and confidence to drive technological progress, solve complex problems, and contribute positively to society as IT professionals and innovators.

Our Mission

We aspire to be a leading center for Information Technology education and research, recognized for producing skilled graduates and pioneering solutions. By fostering interdisciplinary collaboration and embracing emerging technologies, we seek to shape the future of IT and empower our students to become leaders in the digital world.



BS Informaton Technology

Semester-I		
Sr. No.	Course Title	Cr. Hrs
1	Applications of Information & Communication Technologies	2
2	Applications of Information & Communication Technologies	1
3	Applied Physics	3
4	Digital Logic Design	2
5	Digital Logic Design Lab	1
6	Islamic Studies	2
7	Ideology and Constitution of Pakistan	2
8	Functional English	3
9	Math Deficiency – I	3*
10	Quran Translation – I	0.5
Total Credit Hrs :16.5		

Semester-II		
Sr. No.	Course Title	Cr. Hrs
1	Programming Fundamentals	2
2	Programming Fundamentals Lab	1
3	Computer Networks	3
4	Discrete Structures	2
5	Expository Writing	1
6	Introduction to Marketing	2
7	Math Deficiency – II	2
8	Quran Translation – II	3
Total Credit Hrs :16.5		



BS Informaton Technology

Semester-III		
Sr. No.	Course Title	Cr. Hrs
1	Object Oriented Programming	3
2	Object Oriented Programming Lab	1
3	Computer Organization & Assembly Language	3
4	Database Systems	3
5	Database Systems Lab	1
6	Software Engineering	3
7	Calculus & Analytical Geometry	3
8	Quran Translation – III	0.5
Total Credit Hrs :17.5		

Semester-IV		
Sr. No.	Course Title	Cr. Hrs
1	Data Structures	3
2	Data Structures Lab	1
3	Operating Systems	3
4	Information Security	3
5	Multivariable Calculus	3
6	Probability and Statistics	3
7	Introduction to Management	2
8	Quran Translation – IV	0.5
Total Credit Hrs :18.5		



BS Informaton Technology

Semester-v		
Sr. No.	Course Title	Cr. Hrs
1	Artificial Intelligence	3
2	Analysis of Algorithms	3
3	Web Technologies	3
4	Parallel & Distributed Computing	3
5	Linear Algebra	3
6	Professional Practices	2
7	Quran Translation – V	0.5
Total Credit Hrs :17.5		

Semester-Vi		
Sr. No.	Course Title	Cr. Hrs
1	Software Project Management	3
2	Mobile Application Development	3
3	Machine Learning	3
4	Software Quality Engineering	3
5	Software Construction & Development	3
6	Entrepreneurship	2
7	Quran Translation – VI	0.5
Total Credit Hrs :17.5		



BS Information Technology

Semester-vii		
Sr. No.	Course Title	Cr. Hrs
1	Final Year Project – I	2
2	Database Administration and Management	3
3	System and Network Administration	3
4	Global IT Services and Workspace	3
5	Cloud Computing	3
6	Quran Translation – VII	0.5
Total Credit Hrs :14.5		

Semester-VIII		
Sr. No.	Course Title	Cr. Hrs
1	Final Year Project – II	4
2	Information Technology Infrastructure	3
3	Cyber Security	3
4	Technical and Business Writing	3
5	Civics and Community Management	2
6	Quran Translation – VIII	0.5
Total Credit Hrs :15.5		



Fee Structure Morning

Semester I 52,000	Semester II 42,000	Semester III 42,000	Semester IV 42,000
Semester V 42,000	Semester VI 42,000	Semester VII 42,000	Semester VIII 50,000

Fee Structure Evening

Semester I 67,000	Semester II 57,000	Semester III 57,000	Semester IV 57,000
Semester V 57,000	Semester VI 57,000	Semester VII 57,000	Semester VIII 65,000





University of Kamalia

FACULTY OF COMMERCE & BUSINESS



Visit Our Website
www.ukm.edu.pk

Introduction

The Faculty of Commerce & Business stands as a leading hub for academic excellence, leadership development, and industry-relevant education in the fields of commerce, management, and business studies. With a forward-looking curriculum and a strong emphasis on innovation, ethics, and global engagement, the faculty prepares students to thrive in today's dynamic and competitive business environment. Our programs span a wide spectrum of disciplines including accounting, finance, marketing, human resource management, international business, entrepreneurship, and economics. These are designed to equip students with both theoretical insight and practical expertise, ensuring they are well-prepared to meet the evolving needs of the corporate world and public sector.





University of Kamalia



DEPARTMENT OF MANAGEMENT SCIENCE



Visit Our Website
www.ukm.edu.pk

Introduction

The Program of Business Administration is a hub of leadership and entrepreneurial excellence, nurturing a deep understanding of management, finance, marketing, and organizational strategy. Our programs inspire students to explore modern business practices, master analytical tools, and develop impactful solutions to real-world challenges. By blending theoretical foundations with practical applications, we prepare students to make meaningful contributions in corporate, entrepreneurial, and global business environments.

Our Mission

Our mission is to foster a dynamic learning environment that promotes innovation, business acumen, and critical thinking. We aim to empower students with the skills to advance business practices, engage with ethical and responsible leadership, and confidently solve complex organizational challenges—preparing them to become leaders and innovators shaping the future of business and industry.

Our Vision

We envision the Program of Business Administration as a leading center of business excellence, cultivating the next generation of creative problem-solvers, entrepreneurs, and thought leaders. Our goal is to expand the frontiers of business education and research by championing ethical practices, interdisciplinary collaboration, and global impact—equipping our graduates to thrive in a rapidly evolving economic landscape.



Faculty



Dr. Atteeq ur Rahman

PhD Business Management (University of International Business and Economic, Beijing)



Dr. John Arthur

Professor (Adjunct)
PhD in Business Administration
Unilever (Ex) Northumbria University



Dr. Asif Ali Safeer

Professor of practice
PhD in Business Administration
Business School, Huanggang Normal University,



Dr. Shahid Rasul

Assistant Professor (Adjunct)CEO
PhD in Business Administration
Northumbria University



Faculty



Mr. Shahzad Ahmad

Professor of practice
Managing Partner
M/S Ahmad Weaving



Mr. Shabbir Halai

Professor of practice
CEO
S.Halai Enterprises



Mr. Bilal Jamil

Professor of practice
CEO
M/S ABM Textiles



Bachelor of Business Administration

SEMESTER - I

S.N.	Course Title	Credit Hours	Category
1	Functional English	3 (3-0)	General Education
2	Applications of Information and Communication	3 (2-1)	General Education
3	Introduction to Business Management	3 (3-0)	Major
4	Financial Accounting- I	3 (3-0)	Major
5	Introduction to Psychology	3 (2-1)	Interdisciplinary
6	Ideology and Constitution of Pakistan	2 (2-0)	General Education
7	Teaching of Holy Quran I	1(1-0)	
Total Credit Hrs :18			

SEMESTER – II

S.N.	Course Title	Credit Hours	Category
1	Islamic Studies	2 (2-0)	General Education
2	Principles of Marketing	3 (3-0)	Major
3	Financial Accounting- II	3 (3-0)	Major
4	Expository Writing	3 (3-0)	General Education
5	Principles of Management	3 (3-0)	Major
6	Social Sciences	2 (2-0)	General Education
Total Credit Hrs :16			



Bachelor of Business Administration

SEMESTER – III		
S.N.	Course Title	Credit Hours
1	Quantitative Reasoning-1	3 (3-0)
2	Business Communication	3 (3-0)
3	Natural Sciences	3 (2-1)
4	Introduction to HRM	3 (3-0)
5	Cost and Management Accounting	3 (3-0)
6	Business Economics	3 (3-0)
7	Teaching of Holy Quran II	1(1-0)
Total Credit Hrs: 19		

SEMESTER – IV		
S.N.	Course Title	Credit Hours
1	Quantitative Reasoning-II	3 (2-1)
2	Financial Management	3 (3-0)
3	Civics and Community Engagement	2 (2-0)
4	Business Taxation	3 (3-0)
5	Arts and Humanities	2 (2-0)
6	Entrepreneurship	2 (2-0)
7	Pakistan Study	2 (2-0)
Total Credit Hrs: 17		



Bachelor of Business Administration

SEMESTER – V		
S.N.	Course Title	Credit Hours
1	International Business	3 (3-0)
2	Organizational Behavior	3 (3-0)
3	E-commerce	3 (3-0)
4	Elective-I	3 (3-0)
5	Elective-II	3 (3-0)
6	Teaching of Holy Quran III	1(1-0)
Total Credit Hrs: 16		

SEMESTER – VI		
S.N.	Course Title	Credit Hours
1	Business Laws	3 (3-0)
2	Managerial Economics	3 (3-0)
3	Elective-III	3 (3-0)
4	Elective-IV	3 (3-0)
Total Credit Hrs:12		



Bachelor of Business Administration

SEMESTER – VII		
S.N.	Course Title	Credit Hours
1	Internship (Report based on Internship)	3 (3-0)
2	Innovation & Business Venturing	3 (3-0)
3	Research Methods in Business	3 (3-0)
4	Elective-V	3 (3-0)
5	Elective-VI	3 (3-0)
6	Teaching of Holy Quran IV	1(1-0)
Total Credit Hrs:16		

SEMESTER – VIII		
S.N.	Course Title	Credit Hours
1	Strategic Management	3 (3-0)
2	Elective-VII	3 (3-0)
3	Elective-VIII	3 (3-0)
4	Business Capstone Project	3 (3-0)
Total Credit Hrs:12		



Bachelor of Business Administration

Fee Structure Morning

Semester I 47,500	Semester II 37,500	Semester III 37,500	Semester IV 37,500
Semester V 37,500	Semester VI 37,500	Semester VII 37,500	Semester VIII 45,500

Fee Structure Evening

Semester I 62,500	Semester II 52,500	Semester III 52,500	Semester IV 52,500
Semester V 52,500	Semester VI 52,500	Semester VII 52,500	Semester VIII 60,500





University of Kamalia



BS ACCOUNTING & FINANCE



Visit Our Website
www.ukm.edu.pk



BS Accounting & Finance

Introduction

The Bachelor of Accounting and Finance program is a hub of financial expertise and strategic insight, nurturing a deep understanding of financial reporting, auditing, taxation, corporate finance, and investment analysis. Our programs inspire students to explore modern financial practices, master analytical and technological tools, and develop impactful solutions for effective financial management and wealth creation. By blending theoretical foundations with real-world applications, we prepare students to make meaningful contributions in accounting firms, financial institutions, corporations, and global markets.

Our Mission

Our mission is to foster a dynamic learning environment that promotes critical thinking, financial proficiency, and ethical decision-making. We aim to empower students with the skills to manage finances effectively, engage with regulatory and sustainability standards, and confidently solve complex financial challenges—preparing them to become leaders and innovators shaping the future of accounting and financial management.

Our Vision

We envision the Bachelor of Accounting and Finance program as a leading center of financial excellence, cultivating the next generation of accountants, financial analysts, managers, and thought leaders. Our goal is to expand the frontiers of accounting and finance education and research by championing ethical practices, technological advancement, and global impact—equipping our graduates to thrive in the rapidly evolving world of finance and international business.



Faculty



Mr. Shahzad Ahmad

Professor of practice
Managing Partner
M/S Ahmad Weaving



Mr. Shabbir Halai

Professor of practice
CEO
S.Halai Enterprises



Mr. Bilal Jamil

Professor of practice
CEO
M/S ABM Textiles



BS Accounting & Finance

Semester I

S.N.	Course Title	Credit Hours
1	Islamic Studies	2
2	English I	3
3	Introduction to Computer	3
4	Business Mathematics	3
5	Fundamentals of Financial Accounting	3
6	Introduction to Business	3

Total Credit Hrs:17

Semester II

S.N.	Course Title	Credit Hours
1	English II	3
2	Pakistan studies	2
3	Intermediate Accounting	3
4	Statistics in Business	3
5	Fundamentals of Business Finance	3
6	Economic Analysis	3

Total Credit Hrs:17



BS Accounting & Finance

Semester III		
S.N.	Course Title	Credit Hours
1	Introduction to Sociology	3
2	Oral Communication & Writing skills	3
3	Financial and Regulatory Institutions	3
4	Principles of Management	3
5	Economic Issues of Pakistan	3
6	Advanced Accounting-I	3
Total Credit Hrs:18		
Semester IV		
S.N.	Course Title	Credit Hours
1	Introduction to Psychology	3
2	Managerial Finance	3
3	Principles of Marketing	3
4	Inferential Statistics	3
5	Auditing	3
6	Advanced Accounting-II	3
Total Credit Hrs:18		



BS Accounting & Finance

Semester V		
S.N.	Course Title	Credit Hours
1	Human Resource Management	3
2	Entrepreneurship	3
3	Business taxation	3
4	Financial Statement Analysis	3
5	Cost Accounting	3
6	Financial Reporting and Disclosure	3
Total Credit Hrs:17		
Semester VI		
S.N.	Course Title	Credit Hours
1	Investment Analysis and Portfolio Management	3
2	Conventional Banking and Practices	3
3	Management information system	3
4	Business Law	3
5	Business Research	3
6	Managerial Accounting	3
Total Credit Hrs:18		



BS Accounting & Finance

Semester VII		
S.N.	Course Title	Credit Hours
1	Credit Management	3
2	Fundamentals of Corporate Finance	3
3	Organizational Behavior	3
4	Managerial Economics	3
5	Research Methods	3
Total Credit Hrs:15		
Semester VIII		
S.N.	Course Title	Credit Hours
1	Islamic Finance	3
2	International Finance	3
3	Production and Operations Management	3
4	Research Project	6
Total Credit Hrs:15		



BS Accounting & Finance

Fee Structure Morning

Semester I 47,500	Semester II 37,500	Semester III 37,500	Semester IV 37,500
Semester V 37,500	Semester VI 37,500	Semester VII 37,500	Semester VIII 45,500

Fee Structure Evening

Semester I 62,500	Semester II 52,500	Semester III 52,500	Semester IV 52,500
Semester V 52,500	Semester VI 52,500	Semester VII 52,500	Semester VIII 60,500





DEPARTMENT OF ECONOMICS & TRADE



Visit Our Website
www.ukm.edu.pk

Department of Economics & Trade

Introduction

The BS of E-Commerce and Digital Marketing is a hub of innovation and digital business excellence, nurturing a deep understanding of online commerce, digital branding, social media strategy, and data-driven marketing. Our programs inspire students to explore cutting-edge digital platforms, master analytical and marketing tools, and develop impactful solutions for the global digital marketplace. By blending theoretical foundations with hands-on digital applications, we prepare students to make meaningful contributions in e-commerce, digital marketing agencies, and tech-driven business environments.

Our Mission

Our mission is to foster a dynamic learning environment that promotes creativity, digital proficiency, and strategic thinking. We aim to empower students with the skills to advance e-commerce and digital marketing practices, engage with ethical and responsible digital strategies, and confidently solve complex challenges—preparing them to become leaders and innovators shaping the future of online business and marketing.

Our Vision

We envision the Department of E-Commerce and Digital Marketing as a leading center of digital business excellence, cultivating the next generation of creative marketers, digital entrepreneurs, and thought leaders. Our goal is to expand the frontiers of digital education and research by championing ethical practices, interdisciplinary collaboration, and global impact—equipping our graduates to thrive in the rapidly evolving world of e-commerce and digital marketing.



Faculty



Dr. Atteeq ur Rahman

PhD Business Management (University of International Business and Economic, Beijing)



Mr. Shahzad Ahmad

Professor of practice
Managing Partner
M/S Ahmad Weaving



Mr. Shabbir Halai

Professor of practice
CEO
S.Halai Enterprises



Mr. Bilal Jamil

Professor of practice
CEO
M/S ABM Textiles



BS Ecommerce & Digital Marketing

SEMESTER - I		
S.N.	Course Title	Credit Hours
1	Business Communication	3
2	Introduction to Psychology	3
3	Quantitative Reasoning-I	3
4	Functional English	3
5	Financial Accounting-I	3
6	IT, Business and Society	3
7	Teaching of Holy Quran I	1(1-0)
Total Credit Hrs:19		

SEMESTER – II		
S.N.	Course Title	Credit Hours
1	Natural Sciences (GE Cluster)	3 (2+1)
2	Quantitative Reasoning-II	3
3	Expository Writing	3
4	Financial Accounting-II	3
5	Business Economics	3
6	Programming Fundamentals	3
Total Credit Hrs: 18		



BS Ecommerce & Digital Marketing

SEMESTER – III		
S.N.	Course Title	Credit Hours
1	Islamic Studies/Ethics	2
2	Ideology and Constitution of Pakistan	2
3	Civics and Community Engagement	2
4	Principles of Management	3
5	Business Finance	3
6	Principles of Marketing	3
7	Teaching of Holy Quran II	1(1-0)
Total Credit Hrs :16		

SEMESTER – IV		
S.N.	Course Title	Credit Hours
1	Applications of Information and Communication	3 (2+1)
2	Arts and Humanities	2
3	Entrepreneurship	2
4	Pakistan Studies	2
5	Data Base Systems	3(2+1)
6	Managerial Economics	3
7	E-Taxation in Pakistan	3
Total Credit Hrs:18		



BS Ecommerce & Digital Marketing

SEMESTER – VI

S.N.	Course Title	Credit Hours
1	Business Research	3
2	Digital Marketing Communications	3
3	Online Consumer Behavior & Markets	3
4	Elective-III	3
5	Elective-IV	3
Total Credit Hrs: 15		

SEMESTER – VI

S.N.	Course Title	Credit Hours
1	Managerial Accounting	3(3-0)
2	Human Resource Management	3(3-0)
3	Corporate Law and Secretarial Practices	3(3-0)
4	Principles of Marketing	3(3-0)
5	Managerial Economics	3(3-0)
Total Credit Hrs :15		



BS Ecommerce & Digital Marketing

SEMESTER – VII		
S.N.	Course Title	Credit Hours
1	Internship	3
2	Social Media Marketing	3
3	Brand Strategy	3
4	Elective-V	3
5	Elective-VI	3
6	Teaching of Holy Quran IV	1(1-0)
Total Credit Hrs:16		

SEMESTER – VIII		
S.N.	Course Title	Credit Hours
1	Project	3
2	Contemporary Issues in Digital Marketing	3
3	Marketing Intelligence & Analytics	3
4	Elective-VII	3
5	Elective-VIII	3
Total Credit Hrs :15		



BS Ecommerce & Digital Marketing

Fee Structure Morning

Semester I 47,500	Semester II 37,500	Semester III 37,500	Semester IV 37,500
Semester V 37,500	Semester VI 37,500	Semester VII 37,500	Semester VIII 45,500

Fee Structure Evening

Semester I 62,500	Semester II 52,500	Semester III 52,500	Semester IV 52,500
Semester V 52,500	Semester VI 52,500	Semester VII 52,500	Semester VIII 60,500





University of Kamalia

FACULTY OF ARTS AND HUMANITIES



<https://ukm.edu.pk/faculties/arts/>

INTRODUCTION

The Faculty of Arts and Humanities is dedicated to fostering critical thinking, creativity, and a deeper understanding of human society and culture. Our distinguished team of scholars and researchers provides a dynamic and inclusive environment where students can explore diverse perspectives, engage in meaningful discourse, and develop their intellectual capabilities. Through our comprehensive programs, we prepare students to become thoughtful leaders and contributors in their chosen fields.



UNIVERISTY OF KAMALIA





University of Kamalia

DEPARTMENT OF ENGLISH

www.ukm.edu.pk



Department of English

Introduction:

The Department of English is a center of academic excellence, fostering a deep understanding of literature, language, and critical theory. Our programs encourage students to explore literary traditions, develop strong communication skills, and engage with diverse cultural narratives. Through a balance of scholarly rigor and creative expression, we prepare students for meaningful contributions in academia, media, public service, and beyond.

Our Mission

Our mission is to cultivate a learning environment that promotes analytical thinking, effective communication, and intellectual curiosity. We aim to empower students with the tools to critically engage with texts, articulate complex ideas, and become ethically grounded individuals who can influence society through the power of language.

Semester-I

Sr. No.	Title of the Course	Credit Hours
1	Functional English	3(3-0)
2	Introduction to Linguistics	3(3-0)
3	Fundamentals of Human Psychology	3(3-0)
4	Introduction to Education	3(2-1)
5	Introduction to the Geography of Pakistan	3(3-0)
6	Islamic Studies / Ethics	2(2-0)
7	Principles of Entrepreneurship	2(2-0)
8	Translation Study of the Holy Quran	N.C
Total		19

Semester-II

<u>Sr No</u>	Title of the Course	Credit Hours
1	Expository Writing	3(3-0)
2	Fables, Wisdom Literature and Epic	2(2-0)
3	A Science of Society	2(2-0)
4	Application of Information and Communication Technology (ICT)	3(2-1)
5	Civics and Community Engagement	2(2-0)
5	Fundamentals of Natural Sciences	3(2-1)
6	Ideology and Constitution of Pakistan	2(2-0)
7	Seerat of the Holy Prophet Muhammad (SAW)	2(2-0)
Total		19

UNIVERSITY OF KAMALIA



Semester-III

Sr. No.	Title of the Course	Credit Hours
1	Communication and Presentation Skills	3(3-0)
2	Introduction to Literary Studies	3(3-0)
3	Introduction to Phonetics & Phonology	3(3-0)
4	History of English Literature	3(3-0)
5	Exploring Quantitative Skills	3(3-0)
6	Urdu Adab (Buniyadi Mubahs)	3(3-0)
7	Translation Study of the Holy Quran	N.C
TOTAL CREDIT HOURS: 18		

Semester-IV

Sr. No.	Title of the Course	Credit Hours
1	Introduction to Morphology	3(3-0)
2	Global Poetry	3(3-0)
3	Short Fictional Narratives	3(3-0)
5	Classical Poetry	3(3-0)
6	Rise of the Novel (18th to 19th Century)	3(3-0)
7	Tools for Quantitative Reasoning	3(3-0)
8	Environmental Sciences	1(1-0)
TOTAL CREDIT HOURS: 19		



Semester-V		
Sr. No.	Title of the Course	Credit Hours
1	Literary Criticism	3(3-0)
2	Sociolinguistics	3(3-0)
3	Romantic and Victorian Poetry	3(3-0)
4	Classical & Renaissance Drama	3(3-0)
5	Human Rights & Citizenship	3(3-0)
6	American Literature	3(3-0)
7	Translation Study of the Holy Quran	N.C
TOTAL CREDIT HOURS: 16		

Semester-VI		
Sr. No.	Title of the Course	Credit Hours
1	Literary Theory and Practice	3(3-0)
2	Discourse Studies	3(3-0)
3	Modern Poetry	3(3-0)
4	Modern Novel	3(3-0)
5	Modern Drama	3(3-0)
TOTAL CREDIT HOURS: 15		



Semester-vi

Sr. No.	Title of the Course	Credit Hours
1	Stylistics	3(3-0)
2	Popular Fiction	3(3-0)
3	Pakistani Literature in English	3(3-0)
4	Research Methods and Term Paper Writing	3(3-0)
5	Fieldwork/Internship	3(0-3)
6	Seminar	1(0-1)
7	Translation Study of the Holy Quran	N.C
TOTAL CREDIT HOURS: 16		

Semester-viii

Sr. No.	Title of the Course	Credit Hours
1	Applied Linguistics	3(3-0)
2	Translation Studies	3(3-0)
3	Women's Writings	3(3-0)
4	Postcolonial Literature	3(3-0)
5	Capstone Project	3(0-3)
6	Entrepreneurial Skill Development	1(0-1)
TOTAL CREDIT HOURS: 16		



Fee Structure Morning

Semester I 42,000	Semester II 32,000	Semester III 32,000	Semester IV 32,000

Fee structure Evening

Semester I 57,000	Semester II 47,000	Semester III 47,000	Semester IV 47,000
Semester V 47,000	Semester VI 47,000	Semester VII 47,000	Semester VIII 55,000



DEPARTMENT OF TEXTILE & FASHION DESIGN



www.ukm.edu.pk

Department of Textile & Fashion Design

Introduction

The Department of Textile and Fashion Design is a hub of creative innovation and technical excellence, nurturing a deep understanding of fabric, form, and fashion aesthetics. Our programs inspire students to explore global design traditions, master contemporary techniques, and express their artistic vision through sustainable and impactful creations. By blending craftsmanship with cutting-edge technology, we prepare students to make meaningful contributions in fashion, textiles, design industries, and beyond.

Our Mission

Our mission is to foster a dynamic learning environment that promotes creativity, technical proficiency, and critical thinking. We aim to empower students with the skills to innovate in design, engage with sustainable practices, and confidently articulate their ideas—preparing them to become responsible designers and thought leaders who shape the future of the global fashion and textile industries.

Our Vision

We envision the Department of Textile and Fashion Design as a leading center of design excellence, shaping the next generation of creative innovators, entrepreneurs, and cultural influencers. Our goal is to expand the frontiers of textile and fashion education by championing diversity, sustainability, and interdisciplinary collaboration—equipping our graduates to thrive in a competitive and evolving global landscape.

UNIVERSITY OF KAMALIA



Faculty



Prof. Dr. Yasir Nawab

Professor

PhD in Material Science

Université de Nantes, France



Prof. Josphat Igadwa

Professor (Adjunct)

PhD in Textile and Fashion

Open University of Kenya- Konza



Prof. Dr. Abdel Fattah Seyam

PhD in Textile

North Carolina State University



Dr. Alana James

Professor (Adjunct)

PhD in Fashion & Design

Northumbria University Newcastle upon Tyne



BS Textile & Fashion Design

Semester I		
Sr. No	Course Title	Credit Hours
1	Functional English	3(3-0)
2	Basic Drawing-I	2(0-2)
3	Digital Communication-I	2(1-1)
4	Fundamentals of Design	2(0-0)
5	History of Visual Arts & Culture-I	2(0-0)
6	Mathematics for Designers	2(1-1)
7	Sculpture-I	3(1-2)
TOTAL CREDIT HOURS: 16		

Semester II		
Sr. No	Course Title	Credit Hours
1	Communication & Presentation Skills-I	3(3-0)
2	Sculpture-II	2(0-2)
3	Pakistan Studies	2(2-0)
4	Basic Drawing-II	2(0-2)
5	Digital Communication-II	2(1-1)
6	Design Developments	3(1-2)
7	History of Visual Arts and Culture-II	1(1-0)
	Drafting	3(1-2)
TOTAL CREDIT HOURS: 18		

UNIVERSITY OF KAMALIA



BS Textile & Fashion Design

Semester III		
Sr. No	Course Title	Credit Hpurs
1	Textile Basics & Fibers	2(2-0)
2	History of Design-I	2(2-0)
3	Weave Design Studio-I	2(1-1)
4	Drawing -I	2(2-0)
5	Textile Design Foundation	3(1-2)
6	Fashion Illustration	2(1-1)
7	Oral Communication	2(2-0)
8	CAD-I	2(1-1)
TOTAL CREDIT HOURS: 17		

Semester IV		
Sr. No	Course Title	Credit Hpurs
1	Yarn Manufacturing	2(2-0)
2	Weave Design Studio-II	2(2-0)
3	Design Studio-I	3(1-2)
4	CAD-II	2(1-1)
5	Drawing-II	2(0-2)
6	Development in Textile Design	2(0-2)
7	Introduction to Pattern Making	3(1-2)
TOTAL CREDIT HOURS: 17		

UNIVERISTY OF KAMALIA



BS Textile & Fashion Design

Semester V		
Sr. No	Course Title	Credit Hours
1	Basic Sewing Techniques	2(0-2)
2	Technical Writing	3(3-0)
3	Design Fashion Designing	2(2-0)
4	Draping Based Design Construction	2(0-2)
5	Drawing-III	2(0-2)
6	CAD-III	2(1-1)
7	Embroidery & Embellishment Techniques	1(0-1)
TOTAL CREDIT HOURS: 14		

Semester VI		
Sr. No	Course Title	Credit Hours
1	Design Studio-II	2
2	Print Design	2
3	Drawing-III	2
4	Research Methodology & Dissertation	3
5	Textile Product Design	3
6	Textile Surface Developments	1
7	Product Detail & Development	2
	Pattern Collection-I	2
TOTAL CREDIT HOURS: 17		

UNIVERSITY OF KAMALIA



BS Textile & Fashion Design

Semester VII		
Sr. No	Course Title	Credit Hours
1	Photography	2
2	Marketing & Merchandizing	3
3	Experimental Textiles	2
4	Visual Merchandizing	4
5	Digital Textile Design	2
6	Design Execution	2
7	Products Planning & Costing	2
TOTAL CREDIT HOURS: 17		

Semester VII		
Sr. No	Course Title	Credit Hours
1	Introduction to Sociology	2
2	Final project Drawing Development	2
3	Final project Product Development	4
4	Final project Construction Development	4
5	Islamic Studies/Ethics	4
6	Foreign Language	2
7	Introduction to Sociology	2
TOTAL CREDIT HOURS: 14		

UNIVERISTY OF KAMALIA



BS Textile & Fashion Design

Fee Structure Morning

Semester I 49,500	Semester II 39,500	Semester III 39,500	Semester IV 39,500
Semester V 39,500	Semester VI 39,500	Semester VII 39,500	Semester VIII 47,500

Fee structure Evening

Semester I 64,500	Semester II 54,500	Semester III 54,500	Semester IV 54,500
Semester V 54,500	Semester VI 54,500	Semester VII 54,500	Semester VIII 62,500

UNIVERISTY OF KAMALIA





University of Kamalia

FACULTY OF SCIENCE

2025-2026

www.ukm.edu.pk



Introduction

The Faculty of Sciences at the University of Kamalia stands as a cornerstone of academic excellence, innovation, and intellectual discovery. Dedicated to advancing scientific knowledge, our faculty is committed to high-quality teaching, cutting-edge research, and meaningful community outreach.

We nurture curiosity, critical thinking, and problem-solving skills among our students, preparing them to tackle the grand scientific challenges of the 21st century. Our faculty strives to equip future scientists, researchers, educators, and innovators with the tools and knowledge necessary to make impactful contributions both nationally and globally

OUR VISION

To become a leading hub of scientific education and research in Pakistan, fostering a culture of academic rigor, innovation, and integrity.

OUR MISSION

To provide a dynamic and supportive learning environment. To promote interdisciplinary research and collaboration.

To contribute to the socio-economic development of the region through science-based solutions.

To prepare graduates for leadership roles in academia, industry, and government.

DEPARTMENT OF NUTRITION



Visit Our Website
www.ukm.edu.pk

Department of Nutrition

Introduction

The Department of Nutrition at the University of Kamalia is committed to promoting health through quality education, research, and service. Our BS program develops skilled and ethical nutrition professionals with expertise in clinical dietetics, public health, and food service management. Students gain hands-on experience through labs and fieldwork. Graduates are prepared to deliver evidence-based care in hospitals, communities, and global health settings.

Our Mission

Our mission is to provide a transformative educational experience that fosters nutritional expertise, ethical integrity, and a commitment to lifelong learning. We aim to equip students with the scientific knowledge, critical thinking, and practical skills needed to improve individual and community health. Through evidence-based practice, research, and public engagement, we strive to prepare professionals who will lead in promoting nutrition, preventing disease, and enhancing well-being locally and globally.

Our Vision

We envision the Department of Nutrition as a leading center for nutrition education, research, and community health. By fostering innovation, collaboration, and lifelong learning, we aim to prepare professionals who promote wellness and prevent disease. Our graduates will lead in advancing nutritional practices locally and globally.

UNIVERSITY OF KAMALIA



Faculty



Dr. Malik Aamir Shahzad

Associate Professor (Adjunct)

Ph.D Human Nutrition



BS Human Nutrition and Dietetics

Semester I		
Sr.No	Title of the Course	Credit Hour
1	GEN(NS)	3
2	Functional English	3
3	Civics and Community Engagement	2
4	Islamic Studies / Ethics (for Non-Muslims)	2
5	Human Anatomy and Histology	3
6	Fundamentals of Human Nutrition	3
7	Tarjuma-e-Quran	0
TOTAL CREDIT HOURS 16		

Semester II		
Sr.No	Title of the Course	Credit Hours
1	GEN(AH)	2
2	Quantitative Reasoning (I)	3
3	Entrepreneurship	2
4	Ideology and Constitution of Pakistan	2
5	Human Physiology-I	3
6	Macro-nutrients in Human Nutrition	3
7	Tarjuma-e-Quran	1
TOTAL CREDIT HOURS :16		

UNIVERSITY OF KAMALIA



BS Human Nutrition and Dietetics

Semester III		
Sr. No	Title of the Course	Credit Hours
1	Applications of Information & Communication Tech	3
2	Expository Writing	3
3	Micro-nutrients in Human Nutrition	3
4	Food Microbiology	3
5	Biostatistics	3
6	Tarjuma-e-Quran	0
7	Human Physiology II	3
8	Pakistan Studies	2
9	Applications of Information & Communication Tech	3
TOTAL CREDIT HOURS :20		

Semester IV		
Sr.No	Title of the Course	Credit Hours
1	GEN(SS)	2
2	Quantitative Reasoning (II)	3
3	Nutritional Education and Awareness	3
4	Dietetics I	3
5	General Pathology	3
6	Tarjuma-e-Quran	1
7	Food Safety and Quality Management	3
TOTAL CREDIT HOURS :19(19-0)		



BS Human Nutrition and Dietetics

Semester V		
Sr. No	Title of the Course	Credit Hours
1	Functional Foods and Nutraceuticals	3
2	Nutritional Intervention Planning	3
3	Dietetics II	3
4	Nutrition and Psychology	3
5	Fundamentals of Public Health	3
6	Tarjuma-e-Quran	0
7	Sports Nutrition	3
TOTAL CREDIT HOURS: 18		

Semester VI		
Sr. No	Title of the Course	Credit Hours
1	Biotechnology in Nutrition and Dietetics	3
2	Clinical Biochemistry	3
3	Nutrition through the Life Cycle	3
4	Nutritional Practices in Clinical Care	3
5	Dietetics III	3
6	Tarjuma-e-Quran	1
7	Meal Planning and Management	3
TOTAL CREDIT HOURS: 19		

UNIVERSITY OF KAMALIA



BS Human Nutrition and Dietetics

Semester VII		
Sr. No	Title of the Course	Credit Hours
1	Fieldwork / Internship	3
2	Public Health Nutrition	3
3	Research Methods in Nutrition	3
4	Recent Advances in Clinical Nutrition	3
5	Proteomics and Nutrigenomics	3
6	Tarjuma-e-Quran	0
TOTAL CREDIT HOURS: 15		

Semester VIII		
Sr. No	Title of the Course	Credit Hours
1	Capstone Project	3
2	Research Thesis	3
3	Food and Drug Laws	3
4	Global Food Issues	3
5	Infant and Young Child Feeding	3
6	Tarjuma-e-Quran	1
TOTAL CREDIT HOURS: 16		



BS Human Nutrition and Dietetics

Fee Structure Morning

Semester I 47,500	Semester II 37,500	Semester III 37,500	Semester IV 37,500
Semester V 37,500	Semester VI 37,500	Semester VII 37,500	Semester VIII 45,500

Fee Structure Evening

Semester I 62,500	Semester II 52,500	Semester III 52,500	Semester IV 52,500
Semester V 52,500	Semester VI 52,500	Semester VII 52,500	Semester VIII 60,500

UNIVERSITY OF KAMALIA





University of Kamalia

DEPARTMENT OF PHYSICS



2025



Visit Our Website
www.ukm.edu.pk

Department of Physics

Introduction

The Department of Physics is a vibrant hub of academic excellence and innovation, dedicated to fostering a deep understanding of the physical universe. Our programs are designed to build strong foundations in classical and modern physics, experimental methods, and computational modeling. Students gain hands-on experience and analytical skills in areas such as mechanics, quantum theory, electromagnetism, thermodynamics, and advanced materials. Through a balanced integration of theory and experimentation, we prepare graduates to contribute to scientific discovery, technological advancement, and impactful careers in research, engineering, space science, and sustainable energy.

Our Mission

Our mission is to provide an engaging and transformative educational environment that cultivates curiosity, precision, and creativity in the physical sciences. We are committed to equipping students with the knowledge, problem-solving abilities, and ethical mindset required to advance physics, contribute to innovation, and address the scientific and technological challenges of the modern world.

Our Vision

We envision the Department of Physics as a leader in scientific education and research, shaping the next generation of physicists and innovators. Through interdisciplinary collaboration, cutting-edge research, and a commitment to academic integrity and societal relevance, we aim to expand the boundaries of knowledge and empower our graduates to make lasting contributions to science, industry, and global progress.



Faculty



Dr. Sarmad Masood Shaheen

Assistant Professor (Adjunct)

Ph.D Physics

Institute of High Energy Physics, Chinese
Academy of Sciences, Beijing



BS Physics

SEMESETER-I

S.N.	Course	Credit Hours	Category
1	Introductory Mechanics	3 (2-1)	Major
2	Calculus – I	3 (3-0)	Major
3	Quantitative Reasoning – I *	3 (3-0)	General Education
4	Physical Chemistry **	3 (2-1)	General Education
5	Functional English *	3 (3-0)	General Education
6	Applications of Information & Communication Technologies (ICT) *	3 (2-1)	General Education

TOTAL CREDIT HOURS: 18

SEMESETER-II

S.N.	Course	Credit Hours	Category
1	Waves & Optics	3 (2-1)	Major
2	Calculus – II	3 (3-0)	Major
3	Quantitative Reasoning – II *	3 (3-0)	General Education
4	Expository Writing *	3 (3-0)	General Education
5	Pakistan Studies *	2 (2-0)	General Education
6	Applied Psychology ***	2 (2-0)	General Education
7	Islamic Studies * (Ethics for non-Muslim students)	2 (2-0)	General Education

TOTAL CREDIT HOURS: 18



BS Physics

SEMESTER- III

S.N.	Course	Credit Hours	Category
1	Electricity & Magnetism	3 (2-1)	Major
2	Heat & Thermodynamics	3 (2-1)	Major
3	Differential Equations	3 (3-0)	Major
4	Linear Algebra	3 (3-0)	Interdisciplinary
5	Philosophy ****	2 (2-0)	General Education
6	Ideology & Constitution of Pakistan *	2 (2-0)	General Education

TOTAL CREDIT HOURS: 16

SEMESTER-IV

S.N.	Course	Credit Hours	Category
1	Modern Physics	3 (2-1)	Major
2	Vector Calculus	3 (3-0)	Major
3	Classical Mechanics	3 (3-0)	Major
4	Environmental Physics	3 (3-0)	Interdisciplinary
5	Civics & Community Engagement *	2 (2-0)	General Education
6	Entrepreneurship *	2 (2-0)	General Education

TOTAL CREDIT HOURS: 16

UNIVERSITY OF KAMALIA



BS Physics

SEMESETER-V

S.N.	Course	Credit Hours	Category
1	Electronics – I	3 (2-1)	Major
2	Mathematical Methods of Physics – I	3 (3-0)	Major
3	Electromagnetic Theory	3 (3-0)	Major
4	Medical Physics	3 (3-0)	Interdisciplinary
5	Computational Physics	3 (2-1)	Interdisciplinary
6	Scientific Inquiry & Research Methods	3 (3-0)	Interdisciplinary

TOTAL CREDIT HOURS: 18

SEMESETER-VI

S.N.	Course	Credit Hours	Category
1	Electronics – II	3 (2-1)	Major
2	Quantum Mechanics – I	3 (3-0)	Major
3	Mathematical Methods of Physics – II	3 (3-0)	Major
4	Electrodynamics & Special Relativity	3 (3-0)	Major
5	Condensed Matter Physics	3 (3-0)	Major

TOTAL CREDIT HOURS: 15

UNIVERISTY OF KAMALIA



BS Physics

SEMESTER-VII

S.N.	Course	Credit Hours	Category
1	Atomic & Molecular Physics	3 (2-1)	Major
2	Quantum Mechanics – II	3 (3-0)	Major
3	Nuclear Physics	3 (2-1)	Major
4	Elective – I *****	3	Major
5	Elective – II *****	3	Major

TOTAL CREDIT HOURS: 15

SEMESTER-VIII

S.N.	Course	Credit Hours	Category
1	Statistical Mechanics	3 (3-0)	Major
2	Elective – III *****	3	Major
3	Elective – IV *****	3	Major
4	Artificial Intelligence in Physics	3 (2-1)	Interdisciplinary
5	Capstone	3	Capstone

TOTAL CREDIT HOURS: 15



BS Physics

- HEC designed model courses may be adopted and used by
- The university / concerned department may offer any course in the broader category of “Natural Sciences” which should have relevance to the purpose of the degree program.
- The university / concerned department may offer any course in the broader category of “Social Sciences” including but not limited to a course of Psychology, Sociology, Anthropology etc
- The university / concerned department may offer any course in the broader category of “Arts & Humanities” including but not limited to a course of regional or international language such as Chinese, Arabic, French, Spanish etc.
- The university / concerned department may offer any advanced course in the field of Physics as an elective, where required as per the available academic, human and infrastructural resources. Credit combination (reflecting balance of theory and lab / field work) must be arranged in accordance with the nature of the course.



BS Physics

Fee Structure Morning

Semester I 47,500	Semester II 37,500	Semester III 37,500	Semester IV 37,500
Semester V 37,500	Semester VI 37,500	Semester VII 37,500	Semester VIII 45,500

Fee Structure Evening

Semester I 62,500	Semester II 52,500	Semester III 52,500	Semester IV 52,500
Semester V 52,500	Semester VI 52,500	Semester VII 52,500	Semester VIII 60,500





University of Kamalia

DEPARTMENT OF CHEMISTRY



2025



Visit Our Website
www.ukm.edu.pk

Department of Chemistry

Introduction

The Department of Chemistry is a center of academic excellence and innovation, dedicated to building strong foundations in chemical sciences, research methodologies, and practical problem-solving. Our programs equip students with in-demand skills in analytical chemistry, organic and inorganic synthesis, spectroscopy, and materials science. By integrating theoretical knowledge with laboratory experience, we prepare graduates to explore chemical phenomena, drive innovation, and excel in diverse fields such as pharmaceuticals, environmental science, biotechnology, and industrial chemistry.

Our Mission

Our mission is to provide a transformative learning environment that fosters scientific curiosity, critical thinking, and innovation in the chemical sciences. We strive to empower students with the knowledge and skills to advance the field of chemistry, promote safe and ethical laboratory practices, and address complex scientific challenges—preparing them to become leaders and innovators in research, industry, and education.

Our Vision

We envision the Department of Chemistry as a premier hub for education and research, developing future-ready chemists and scientific thinkers. Our goal is to push the boundaries of chemical knowledge through interdisciplinary collaboration, pioneering research, and a strong commitment to sustainability and ethical practices—enabling our graduates to make a lasting impact in science and society.



Faculty



Dr. Muhammad Ahmad

Assistant Professor

Ph.D Chemistry

The Islamia University of Bahawalpur,
Pakistan



Dr. Muhammad Asif

Associate Professor (Adjunct)

Ph.D Chemistry

Shanxi University (SXU), Taiyuan, China



BS Chemistry

SEMESTER-I			
S.N.	Course	Credit Hours	Category
1	Fundamentals of Chemistry	3 (2-1)	Major
2	Principles of Biochemistry	3 (2-1)	Interdisciplinary
3	Quantitative Reasoning – I *	3 (3-0)	General Education
4	Natural Science **	3 (2-1)	General Education
5	Functional English *	3 (3-0)	General Education
6	Applications of ICT *	3 (2-1)	General Education
TOTAL CREDIT HOURS: 18			
SEMESTER-II			
S.N.	Course	Credit Hours	Category
1	Principles of Organic Chemistry	3 (2-1)	Major
2	Principles of Inorganic Chemistry	3 (2-1)	Major
3	Principles of Physical Chemistry	3 (2-1)	Major
4	Quantitative Reasoning – II *	3 (3-0)	General Education
5	Expository Writing *	3 (3-0)	General Education
6	Pakistan Studies *	2 (2-0)	General Education
TOTAL CREDIT HOURS: 17			



BS Chemistry

SEMESETER-III

S.N.	Course	Credit Hours	Category
1	Fuel Chemistry	3 (2-1)	Major
2	Principles of Analytical Chemistry	3 (2-1)	Major
3	Principles of Polymer Chemistry	3 (2-1)	Major
4	Introduction to Nano-chemistry	3 (2-1)	Major
5	Ideology & Constitution of Pakistan *	2 (2-0)	General Education
6	Islamic Studies * (Ethics for non-Muslim students)	2 (2-0)	General Education
7	Arts & Humanities ***	2 (2-0)	General Education

TOTAL CREDIT HOURS: 18

SEMESETER-IV

S.N.	Course	Credit Hours	Category
1	Forensic Chemistry	3 (2-1)	Major
2	Industrial Chemistry	3 (2-1)	Major
3	Environmental Chemistry	3 (2-1)	Major
4	Pharmaceutical Chemistry	3 (2-1)	Major
5	Social Sciences ****	2 (2-0)	General Education
6	Civics & Community Engagement *	2 (2-0)	General Education
7	Entrepreneurship *	2 (2-0)	General Education

TOTAL CREDIT HOURS: 18



BS Chemistry

SEMESETER-V

S.N.	Course	Credit Hours	Category
1	Advanced Organic Chemistry	3 (2-1)	Major
2	Advanced Inorganic Chemistry	3 (2-1)	Major
3	Advanced Physical Chemistry	3 (3-0)	Major
4	Advanced Analytical Chemistry	3 (2-1)	Major
5	Soil Chemistry	3 (2-1)	Major
6	Computational Chemistry	3 (2-1)	Major

TOTAL CREDIT HOURS: 18

SEMESETER-VI

S.N.	Course	Credit Hours	Category
1	Agricultural Chemistry	3 (2-1)	Major
2	Elective – I *****	3	Major
3	Elective – II *****	3	Major
4	Scientific Writing & Research Methods	3 (3-0)	Interdisciplinary
5	Statistics for Chemists	3 (3-0)	Interdisciplinary

TOTAL CREDIT HOURS: 15



BS Chemistry

SEMESETER-VII

S.N.	Course	Credit Hours	Category
1	Chemical Safety & Risk Management	3 (3-0)	Major
2	Elective – III *****	3	Major
3	Elective – IV *****	3	Major
4	Elective – V *****	3	Major
5	Materials Science *****	3 (2-1)	Interdisciplinary

TOTAL CREDIT HOURS: 15

SEMESETER-VIII

S.N.	Course	Credit Hours	Category
1	Elective – VI *****	3	Major
2	Elective – VII *****	3	Major
3	Artificial Intelligence in Chemistry *****	3 (2-1)	Interdisciplinary
4	Quality Control & Assurance	3 (2-1)	Interdisciplinary
5	Capstone	3	Capstone

TOTAL CREDIT HOURS: 15



BS Chemistry

Fee Structure Morning

Semester I 47,500	Semester II 37,500	Semester III 37,500	Semester IV 37,500
Semester V 37,500	Semester VI 37,500	Semester VII 37,500	Semester VIII 45,500

Fee Structure Evening

Semester I 62,500	Semester II 52,500	Semester III 52,500	Semester IV 37,500
Semester V 52,500	Semester VI 37,500	Semester VII 37,500	Semester VIII 45,500

UNIVERSITY OF KAMALIA



University of Kamalia

DEPARTMENT OF MATHEMATICS



2025



Visit Our Website
www.ukm.edu.pk

Department of Mathematics

Introduction

The Department of Mathematics is dedicated to academic excellence, innovative teaching, and rigorous training in mathematical sciences. Our programs offer students a solid foundation in key areas such as algebra, calculus, statistics, and applied mathematics. Through a blend of theory and practical problem-solving, we prepare graduates to think critically, adapt to emerging technologies, and contribute effectively in sectors like education, finance, research, and data analytics.

Our Mission

Our mission is to deliver high-quality education that encourages logical reasoning, analytical thinking, and creative problem-solving. We aim to develop skilled professionals equipped to explore mathematical frontiers, apply ethical practices, and address real-world challenges across diverse industries and academic disciplines.

Our Vision

We aspire to be a leading center of mathematical learning and research, known for developing forward-thinking problem-solvers and academic leaders. Through innovation, interdisciplinary collaboration, and a commitment to excellence, the Department of Mathematics seeks to inspire discovery and drive progress in mathematics and its applications.



Faculty



Dr. Sarmad Masood Shaheen

Assistant Professor

Ph.D Physics

Institute of High Energy Physics,
Chinese Academy of Sciences, Bei



Prof. Abdelghani Saouab

Professor (Adjunct)

Ph.D Mathematics

University of Le Havre



BS Mathematics

SEMESTER - I

S.N.	Course Title	Credit Hours	Category
1	Programming Fundamentals	4(3-1)	Major
2	Digital Logic Design	3(2-1)	Major
3	Functional English	3(3-0)	General Education
4	Islamic Studies/Ethics (for Non-Muslim Students in lieu of Islamic Studies)	2(2-0)	General Education
5	Application of Information and Communication Technology	3(2-1)	General Education
6	Teaching of The Holy Quran-I	1(1-0)	
Total Credit Hrs: 16			

SEMESTER - II

S.N.	Course Title	Credit Hours	Category
1	Object Oriented Programming	4(3-1)	Major
2	Computer Organization & Assembly Language	3(2-1)	Major
3	Computer Networks	3(2-1)	Major
4	Expository Writing	3(3-0)	General Education
5	Ideology and Constitution of Pakistan	2(2-0)	General Education
6	Discrete Structures	3(3-0)	General Education
	Total Credit Hrs :18		



BS Mathematics

	SEMESTER - III		
S.N.	Course Title	Credit Hours	Category
1	Data Structures	4(3-1)	Major
2	Artificial Intelligence	3(2-1)	Major
3	Software Engineering	3(3-0)	Major
4	Applied Physics	3(2-1)	General Education
5	Introduction to Management	2(2-0)	General Education
6	Calculus and Analytic Geometry	3(3-0)	General Education
7	Teaching of The Holy Quran-II	1(1-0)	
Total Credit Hrs: 19			

	SEMESTER IV		
S.N.	Course	Credit Hours	Category
1	Abstract Algebra	3 (3-0)	Major
2	Numerical Methods	3 (3-0)	Major
3	Data Structure & Algorithms	3 (3-0)	Major
4	Ordinary Differential Equations	3 (3-0)	Major
5	Civics & Community Engagement *	2 (2-0)	General Education
6	Entrepreneurship *	2 (2-0)	General Education
Total Credit Hrs: 16			



BS Mathematics

SEMESTER V			
S.N.	Course	Credit Hours	Category
1	Real Analysis – I	3 (3-0)	Major
2	Topology	3 (3-0)	Major
3	Partial Differential Equations	3 (3-0)	Major
4	Advanced Programming	3 (3-0)	Interdisciplinary
5	Introduction to Mechanics	3 (2-1)	Interdisciplinary
6	Teaching of Holy Quran III	1 (1-0)	
TOTAL CREDIT HOURS: 16			

SEMESTER VI			
S.N.	Course	Credit Hours	Category
1	Real Analysis – II	3 (3-0)	Major
2	Complex Analysis	3 (3-0)	Major
3	Elective – I *****	3 (3-0)	Major
4	Introduction to Machine Learning	3 (2-1)	Interdisciplinary
5	Introduction to Classical Mechanics	3 (3-0)	Interdisciplinary
TOTAL CREDIT HOURS: 15			



BS Mathematics

SEMESTER VII

S.N.	Course	Credit Hours	Category
1	Differential Geometry	3 (3-0)	Major
2	Elective – II *****	3 (3-0)	Major
3	Elective – III *****	3 (3-0)	Major
4	Elective – IV *****	3 (3-0)	Major
5	Scientific Writing & Research Methods	3 (3-0)	Interdisciplinary
6	Teaching of Holy Quran I	1 (1-0)	
TOTAL CREDIT HOURS: 16			

SEMESTER VIII

S.N.	Course	Credit Hours	Category
1	Elective – V *****	3 (3-0)	Major
2	Elective – VI *****	3 (3-0)	Major
3	Elective – VII *****	3 (3-0)	Major
4	Elective – VIII *****	3 (3-0)	Major
5	Capstone	3 (3-0)	Capstone
TOTAL CREDIT HOURS: 15			



BS Mathematics

Fee Structure Morning

Semester I 47,500	Semester II 37,500	Semester III 37,500	Semester IV 37,500
Semester V 37,500	Semester VI 37,500	Semester VII 37,500	Semester VIII 45,500

Fee Structure Evening

Semester I 62,500	Semester II 52,500	Semester III 52,500	Semester IV 52,500
Semester V 52,500	Semester VI 52,500	Semester VII 52,500	Semester VIII 60,500



LIST OF SCHOLARSHIPS

Students at the University of Kamalia are proudly eligible to apply for a range of prestigious scholarship opportunities.

1. Need-Based Scholarship
2. Merit-based Scholarship
3. Honhaar Scholarship Program
4. PEEF Scholarship scheme
5. Rehmatul lil Alameen Scholarship
6. Bait Ul Mall Scholarship
7. Pakistan Usher Zakat Scholarship
8. Community Advisory Board Scholarship

The logo of the University of Kamalia is a shield-shaped emblem. It features a central gear-like symbol with a sunburst in the center, flanked by two stylized trees or branches. The entire emblem is encircled by a laurel wreath. Below the emblem, the text "University of Kamalia" is written in a serif font.

University of Kamalia

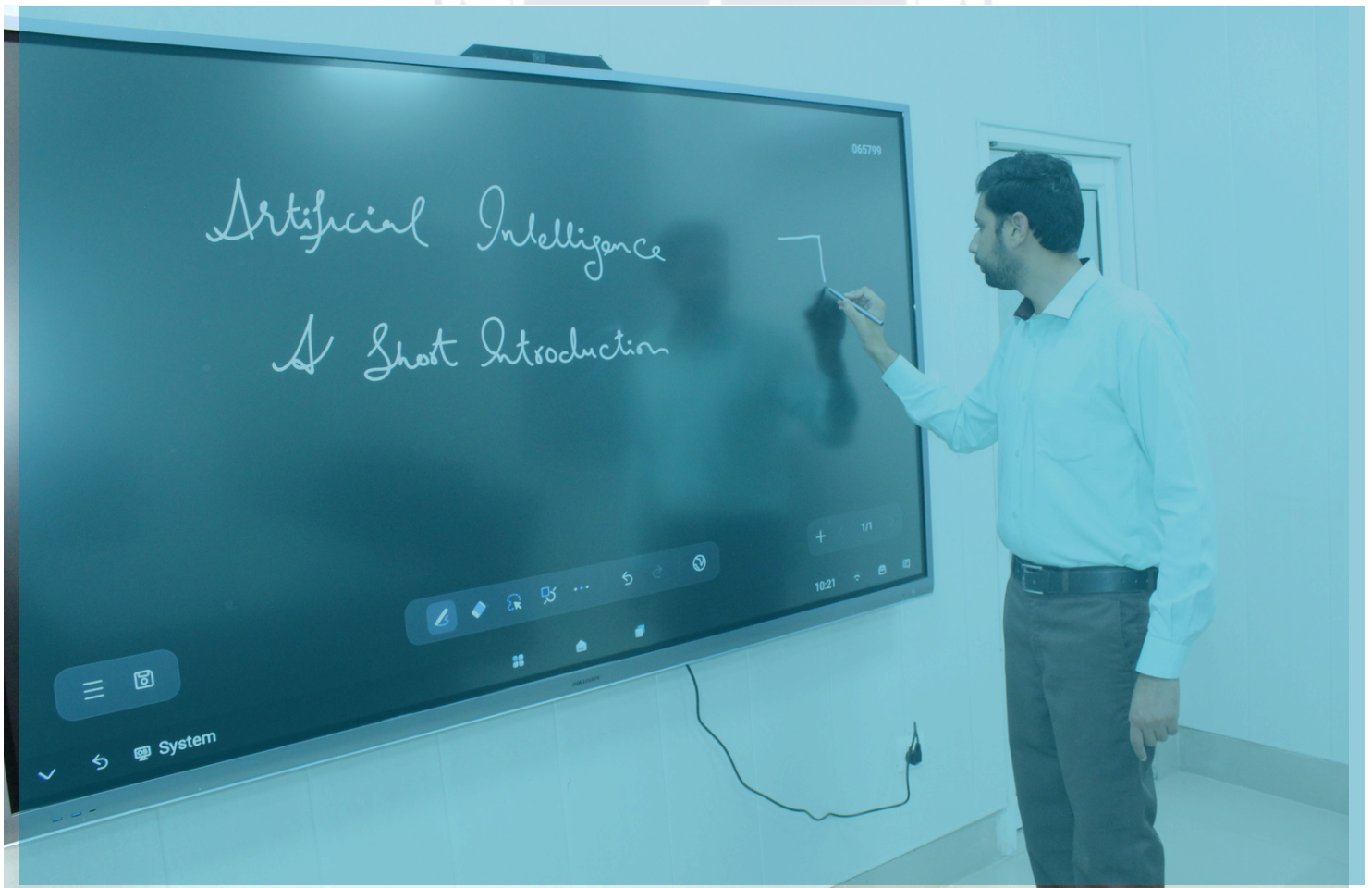


Modern Campus Facilities

Digital Classrooms

Modern, Interactive, and Engaging Learning Environment

The University of Kamalia is proud to offer state-of-the-art digital classrooms equipped with 85-inch LED touch displays, enabling real-time interaction and enhanced multimedia learning. These smart classrooms support hands-on practice sessions, especially in science and technology subjects, ensuring students not only learn but also apply their knowledge practically.



Modern Campus Facilities

Computer Lab

The university's computer lab is fully equipped with the latest computers, high-speed internet, and modern software tools. Students gain practical skills in coding, research, and digital productivity. The lab is supervised by experienced instructors, ensuring a well-rounded tech education



Modern Campus Facilities

Medical Center

On-Campus Health and Wellness Support

The University of Kamalia offers a dedicated medical center with trained staff available during university hours. Students and faculty can access first-aid, basic treatment, and health consultations in a safe and confidential environment. Health and wellness are a top priority.



Modern Campus Facilities

Auditorium & Multipurpose Hall

Spacious Venue for Seminars, Events, and Workshops

Our fully furnished auditorium and multipurpose hall is the heart of university activities. It hosts seminars, workshops, conferences, cultural events, and guest lectures. The hall is equipped with professional sound systems, lighting, and seating for large audiences.



Modern Campus Facilities

University Library

Knowledge Hub for Research and Learning

The University of Kamalia is home to a well-organized and resource-rich library, providing a quiet and stimulating environment for students and faculty. The library offers:

- A vast collection of textbooks, reference books, journals, and research papers
- Digital library access with e-books and academic databases
- Comfortable seating for individual and group study
- Library management system for easy search and borrowing
- Supportive staff to assist in academic and research needs

It serves as the academic heartbeat of the campus, promoting a str



Modern Campus Facilities

Guest House

Comfortable Stay for Visitors and Academicians

The university maintains a well-furnished guest house for visiting faculty, guest speakers, and dignitaries. It includes air-conditioned rooms, dining facilities, and all essential amenities, ensuring a pleasant and professional stay experience.



Disclaimer

This prospectus provides information about the academic programs offered by various faculties of the University of Kamalia. It is intended to guide prospective students but should not be considered as legally binding on the University. The contents, including details related to curricula, admission procedures, examination rules, discipline regulations, fee structure, and other financial matters, are subject to periodic review and revision by the Competent Authority. The University reserves the right to make changes whenever deemed necessary or appropriate, without prior notice.

ERRORS AND OMISSIONS EXCEPTED





UNIVERISTY OF KAMALIA

