UNIVERSITY OF SARGODHA

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PROSPECTUS 2026





HEC'S ANNUAL
UNIVERSITY RANKING FOR
RESEARCH PRODUCTIVITY
2024-25

TOP 1

General Public
Sector University
in Punjab

THE TIMES HIGHER EDUCATION WORLD UNIVERSITY RANKINGS 2026

1201-1500

UOS is X-Category University in Research
(as per HEC Evaluation 2025)

SARGODHA UNIVERSITY
PATHWAY TO PROGRESS



PROSPECTUS 2026

Disclaimer

The Prospectus for 2026-27 admissions at University of Sargodha is issued on the express condition that it shall not form part of any contract between the University and the student(s). Every effort has been made to ensure the accuracy of its contents; however, errors and omissions are excepted. This prospectus has no legal value; it is only a document for information and shall not be binding on the University in any case, whatsoever. The University reserves the right to withdraw and/or amend rules, regulations, policies, structure of fee and nature of courses at any time without prior notice. The admission to the University of Sargodha shall be subject to fulfilment of all requirements of preconditions by the students in terms of registration procedure and adherence to the Ordinance, Statutes, Rules and Regulations of the University. All admissions made in contravention to the laws of the University shall be subject to cancellation, irrespective of the time spent and progress made in academics/studies.

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QUAID'S MESSAGE



You know that the importance of education and the right type of education cannot be over-emphasized. Under foreign rule for over a century, in the very nature of things, I regret, sufficient attention has not been paid to the education of our people, and if we are to make any real, speedy and substantial progress, we must earnestly tackle this question and bring our educational policy and program on the lines suited to the genius of our people, consonant with our history and culture, and having regard to the modern conditions and vast developments that have taken place all over the world.

There is no doubt that the future of our State will and must greatly depend upon the type of education and the way in which we bring up our children as the future servants of Pakistan. Education does not merely mean academic education, and even that appears to be of a very poor type. What we have to do is to mobilize our people and build up the character of our future generations. There is immediate and urgent need for training our people in the scientific and technical education in order to build up future economic life, and we should see that our people undertake scientific commerce, trade and particularly, well planned industries. But do not forget that we have to compete with the world, which is moving very fast in this direction.

In short, we have to build up the character of our future generations which means highest sense of honor, integrity, selfless service to the nation, and sense of responsibility, and we have to see that they are fully qualified or equipped to play their part in the various branches of economic life in a manner which will do honor to Pakistan.

— Quaid-e-Azam Muhammad Ali Jinnah's message at the First National Education Conference, Karachi, 27 Nov-1 Dec1947

پیغامِ اقبال



کھول آنکھ ، زمیں دیکھ ، فلک دیکھ ، فضا دیکھ!
مشرق سے اُبھرتے ہوئے سورج کو ذرا دیکھ
اس جلوۂ بے پردہ کو پردوں میں چھپا دیکھ!
ایّامِ جُدائی کے ستم دیکھ ، جفا دیکھ!
بے تاب نہ ہو ، معرکۂ بیم و رجا دیکھ!

ہیں تیرے تصرّف میں یہ بادل ، یہ گھٹائیں
یہ گنبدِ افلاک ، یہ خاموش فضائیں
یہ کوہ ، یہ صحرا ، یہ سمندر ، یہ ہوائیں
تھیں پیشِ نظر کل تو فرشتوں کی ادائیں
آئینہ ایّام میں آج اپنی اَدا دیکھ!

سمجھے گا زمانہ تری آنکھوں کے اشارے!
دیکھیں گے تجھے دور سے گردُوں کے ستارے!
ناپید ترے بحرِ تخیل کے کنارے
پہنچیں گے فلک تک تری آہوں کے شرارے
تعمیرِ خودی کر ، اثرِ آہِ رسا دیکھ!

MESSAGE FROM THE CHANCELLOR



It is with great pleasure that I observe the University of Sargodha's remarkable and progressive journey, marked by its active engagement across diverse professional arenas at both national and international levels.

In an era defined by rapid transformations and technological advancements, the educational landscape is undergoing significant evolution. Digitalization has redefined traditional pedagogical paradigms, opening new avenues for innovation, accessibility, and enhancement of learning. Within this dynamic context, universities stand as vital institutions in the advancement of knowledge, serving as epicenters of research and innovation across a multitude of disciplines. As an emerging nation, we must equip our youth with the skills and critical thinking necessary to navigate the complexities of the modern world. Strengthening our research capacity is essential to maintaining a competitive global presence.

I am pleased to acknowledge that the University of Sargodha has not only embraced digital transformation but has also cultivated a robust research culture, ensuring its relevance and leadership in this evolving academic landscape.

I take great pride in the University's notable accomplishments and its concerted efforts to elevate its international standing, an affirmation of its enduring commitment to academic excellence, innovation, and adherence to global standards. Its rising trajectory in international rankings indicates its growing stature as a leading institution of higher learning, both within Pakistan and globally.

As Chancellor, I reaffirm my full support for the University's mission to nurture an enabling academic environment and to enhance its educational and research capacities for students and faculty alike. I remain confident that, under the capable leadership of the Vice-Chancellor, the University of Sargodha will continue to expand its global footprint and make significant contributions to higher education and community service.

Sardar Saleem Haider Khan

Governor Punjab

MESSAGE FROM THE VICE CHANCELLOR



Welcome to the University of Sargodha, where excellence meets opportunity, and dreams find wings to soar above the zenith of Olympia. As the Vice-Chancellor, it is my privilege to extend a warm welcome to my students who aspire to embark on this transformative journey of higher education at the University of Sargodha during the academic year 2025-26.

Our institution fosters a culture of creativity, critical inquiry, innovation, and collaborative learning, providing students with a rich academic experience. Our faculty members are dedicated to nurturing graduates with innovative and productive skills essential for success in the competitive global world. Aligned with the University's mission, we place special emphasis on fostering the holistic development of our students, instilling in them a sense of civic responsibility and human values.

In a remarkably short period, the University of Sargodha has garnered international recognition, achieving top rankings such as being placed among the top 311+ Young Universities worldwide, 351+ Emerging Economics University Rankings and 301+ Universities in Asia by Times Higher Education Rankings 2023. Additionally, in 2023, the University was ranked 701st in the UI Green Metric World University Rankings and among the 601-800 universities globally by Times Higher Education World Ranking 2024 in subjects including Life Sciences, Physical Sciences, Clinical and Health Sciences and Engineering. Looking ahead, we are dedicated to further enhancing our international standing and global outlook. The successful Research Arena organized by the University in March 2024 was a testimony to this mission of fostering a dynamic research ecosystem. We are constantly working, expanding and strengthening international collaborations with the reputable international institutions all around the world to develop a globally academic culture at the University.

In invite you to experience exceptional learning and research under the guidance of our devoted faculty in an inclusive and nurturing environment. I trust that your time at the University shall be both enriching and enjoyable.

Professor Dr Qaisar Abbas

MESSAGE FROM THE
PRO VICE CHANCELLOR



It gives me immense pleasure to welcome you to the University of Sargodha, a vibrant institution committed to academic excellence, innovation, and societal progress. As one of Pakistan's leading public-sector universities, the University of Sargodha continues to strengthen its position as a center of higher learning by providing quality education, promoting impactful research, and fostering an environment that nurtures intellectual curiosity and personal growth.

In today's rapidly evolving world, universities are entrusted with the responsibility of preparing graduates who possess not only disciplinary knowledge but also critical thinking, problem-solving abilities, ethical values, and the capacity to adapt to emerging challenges. At the University of Sargodha, we remain dedicated to creating opportunities that enable our students to develop these competencies and emerge as responsible citizens and future leaders.

The University has made significant progress in advancing academic quality, research productivity, international collaboration, digital transformation, and community engagement. Through the collective efforts of our faculty, researchers, students, and administrative teams, we continue to strengthen academic support systems, enhance learning experiences, and create pathways for innovation, entrepreneurship, and professional development.

As Pro Vice Chancellor, I am committed to supporting initiatives that promote academic excellence, strengthen research culture, and ensure an inclusive and student-centered learning environment. We firmly believe that education serves as a catalyst for social and economic development, and our efforts are directed toward equipping students with the knowledge and skills necessary to contribute meaningfully to society at local, national, and global levels.

I invite prospective students to become part of the University of Sargodha family and take advantage of the diverse academic opportunities, modern learning resources, and enriching campus life that our institution offers. I am confident that your journey here will be intellectually rewarding, professionally enriching, and personally transformative.

I wish you every success in your academic pursuits and look forward to welcoming you to the University of Sargodha.

Professor Dr Masood Sarwar Awan

UNIVERSITY INTRODUCTION

THE WORLD UNIVERSITY RANKINGS 2026

Ranking by Subject:

Life Sciences	601-800
Physical Sciences	601-800
Medical & Health Science	501-600
Engineering	601-800
Social Sciences	801-1000

Ranked at

301-350

in Young World University Ranking

Global Linkages with China, USA, Malaysia, Turkey, Saudi Arabia and Australia

Established Pakistan's **Fifth Confucius Institute**



VISION

To contribute to society through the pursuit of quality education, creative learning and productive research

MISSION

- To provide students with a healthy learning experience based on critical thinking, innovation, commercialization and leadership skills
- To ensure a collaborative work environment for faculty and staff to achieve professional excellence and institutional growth
- To improve global visibility by enhancing mutually beneficial linkages with international organizations and partner universities
- To contribute to knowledge economy, social transformation and community services through advanced studies and interdisciplinary research
- To become an acclaimed university to act as an agent of change to overcome the vagaries of environmental challenges.

VALUES

INTEGRITY

Practising Work Ethics

Fostering uncompromised ethical standards to keep merit intact

INCLUSIVENESS

Nurturing Pluralism

Inculcating the culture of acceptance through inclusive teamwork

TRANSPARENCY

Breaking Opacity

Dare to act for Transparency and Accountability

COMPASSION

Exhibiting Empathy

Advocating respect and rights of others

PROFESSIONALISM

Adherence to Professional Standards

Imparting proficient competency and expertise

SOCIAL RESPONSIBILITY

Serving Community

Making Sustainable Development Goals possible for common good



We are proud to introduce the University of Sargodha as a major public sector University in the province of Punjab, Pakistan. It started its journey in 1929 with the establishment of De'Montmorency College, later renamed as Government College, which was awarded the University Charter in 2002.

With its main campus located in Sargodha city and College of Agriculture, College of Law and College of Engineering and Technology, Department of Allied Health Sciences in its three campuses, the University presently has around 25,000+ students and 600+ faculty members, including 350+ PhDs, in 41 departments, four institutes, one school, and five constituent colleges that come under the eight faculties of Social Sciences, Arts and Humanities, Sciences, Agriculture, Pharmacy, Medical and Health Sciences, Computing and Information Technology, Engineering and Technology. They are assisted by around 1,700 administrative staff. The University also has 250+ affiliated government and private colleges spread across the province.

Sargodha University offers modern teaching and research facilities, including well-equipped classrooms, laboratories, and a vast collection of library material with online access to books and journals. Over a dozen hostels accommodate all female students and a limited number of male students. With an affordable fee structure, the University provides a host of scholarships, internships and business opportunities to the needy and meritorious students. While the Internship Program and Career Development Centre prepare the students for competitive future careers through hands-on training, two E-Rozgaar centres located at the main campus enable them to earn through online freelance entrepreneurship. The Incubation Centre offers the creative students with an opportunity to start productive careers before graduation. Human Resource Development Center (HRDC) is a transformative initiative by the University. HRDC is serving as dynamic hub of skills development, professional growth and innovation – equipping faculty, staff and students with the tools they need to thrive in an ever-evoling job market.

Its main campus, located in the heart of Sargodha city, is green and serene. The University prioritizes the promotion of critical learning and scholarship among its students and young faculty. Each semester, it remains abuzz with a variety of scholarly, co-curricular and sports activities, including seminars and conferences, sports gala and literary festival. The University also runs an FM radio station, offering infotainment and education to students and people of the region.

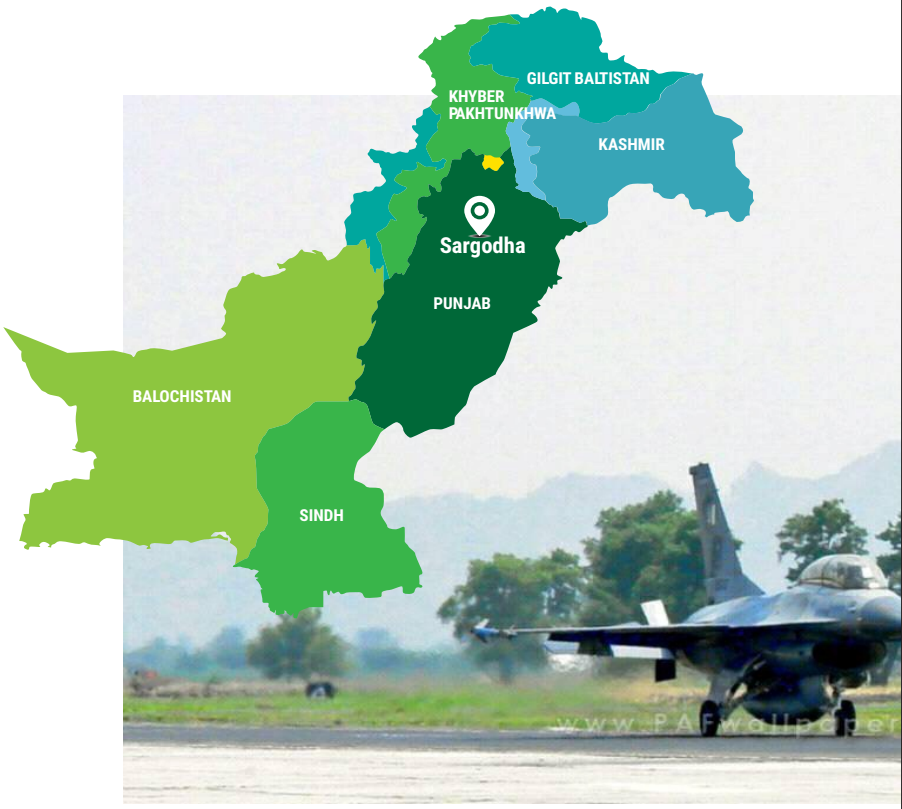
To ensure productive research, the University has established vibrant institutions, including the Office of Research, Innovation and Commercialization, and Quality Enhancement Cell, which have helped register several international patents for faculty in sciences and agriculture, besides funding research projects and publications and linking academic research with the local economy. The University runs a Citrus Nursery and produces its own mineral water, KhusAab, for faculty, staff and students. It also has a strong tradition of community service, with its Medical Complex and Research Centre offering telemedicine, OPD, pharmacy and diagnostic services to university students and staff as well as the people of the city.

The University has an ambitious agenda of quality-centric academic growth in the foreseeable future. It ultimately aims to become a hub of higher education in Pakistan and South Asia.

THE CITY OF EAGLES

Sargodha holds great significance due to its strategic location.

Sargodha means pond of "Godha" or Adobe of the Fighter. Hence, it is not a mere coincidence that the city has made a name for itself for fighting valiantly against the Indian Air Force during the wars of 1965 and 1971, thereby winning the title of the City of Eagles.



CALIFORNIA OF PAKISTAN

Sargodha region is popularly known as the California of Pakistan because of being a hub of cultivation and production of a delicious variety of citrus called *Kinno.*





PAF BASE MUSHAF

Sargodha air base hosts the Headquarters of the Central Air Command.



COMPANY BAGH

A beautiful garden with grassy fields filled with flowers and trees. Jinnah Hall is a historic building located inside the Company Bagh.



KIRANA HILLS

Kirana Hills, or the black mountains, having sacred attributes in ancient Hindu mythology.

CAMPUS AT A GLANCE

26000+
STUDENTS

AROUND
600+
FACULTY
PhDS **300+**

225+
ACADEMIC PROGRAMS

24:1
STUDENT TEACHER RATIO

5 CONSTITUENT COLLEGES

3 CAMPUSES

4 INSTITUTES

1 SCHOOL

41 DEPARTMENTS

14
Undergraduate and Postgraduate Diplomas

113
Undergraduate Programs

101
Graduate Programs

8 FACULTIES

- FACULTY OF AGRICULTURE
- FACULTY OF ARTS AND HUMANITIES
- FACULTY OF COMPUTING AND INFORMATION TECHNOLOGY
- FACULTY OF ENGINEERING AND TECHNOLOGY
- FACULTY OF MEDICAL AND HEALTH SCIENCES
- FACULTY OF PHARMACY
- FACULTY OF SCIENCES
- FACULTY OF SOCIAL SCIENCES

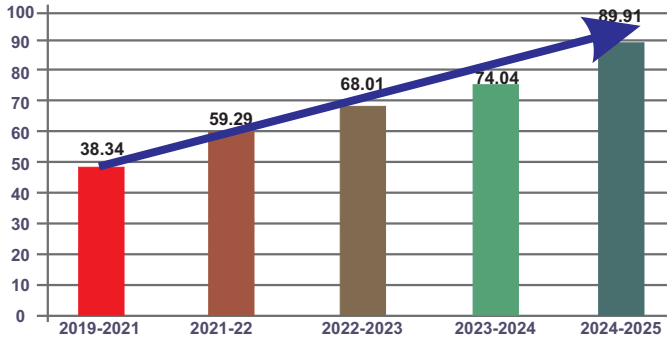
OUR GLOBAL RANKINGS

Sargodha University is making a mark in its global academic profile through impressive performance each year in the world's prestigious Times Higher Education, QS rankings and other rankings on sustainability.

HIGHER EDUCATION COMMISSION

YEARLY PROGRESS REPORT

Provisional YPR Score in 2024-2025 : 89.91



W Category

86% increase since 2021

THE Young Ranking 2024
301-350

THE World University Ranking 2026
1201-1500

THE Asian Ranking 2025
401-500

QS Sustainability Ranking 2026
1101-1150

University of Sargodha 1929

UI Green World University Ranking 2025
In World = 676

QS Asian Ranking 2026
564

QS Asia 2026 Southern Asia
152

THE Interdisciplinary Science Ranking 2026
401-500

The Impact Ranking 2025
1001-1500

HEC'S ANNUAL UNIVERSITY RANKING FOR RESEARCH PRODUCTIVITY 2024-25

TOP 1

General Public Sector University in Punjab

SETTING NEW TRENDS IN HIGHER EDUCATION

ACADEMIC REFORMS

First public sector university to join China's Belt Road Agriculture Education, Science and Technology Innovation League.

Prioritizing synergy between industry and academia through regular outreach with local farmers, provision of citrus nursery plants across Punjab and liaison with Chamber of Commerce and Industries.

Consolidating academics by merging and renaming overlapping faculties and departments, while non-accredited and non-productive degree programs have been closed down.

Over 800 foreign referees from top 500 world universities have been taken on board for selecting qualified faculty and assessing advanced research.

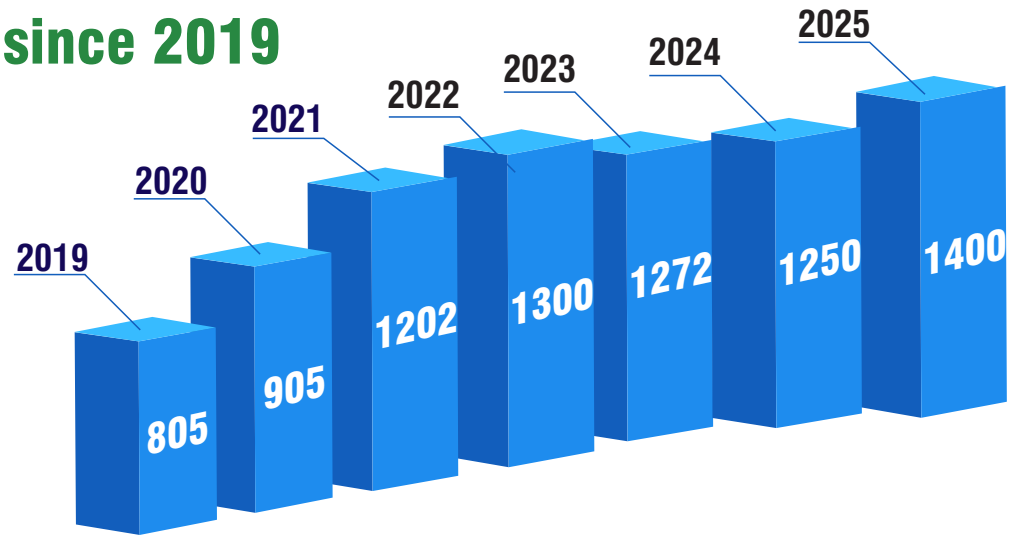
RESEARCH PRODUCTIVITY

Revamping the Office of Research, Innovation and Commercialization by providing international travel grants, creating inter-disciplinary research groups, and organizing 230+ international and national conferences, seminars and workshops during 2024-25.

Accelerating research productivity through research incentives based on quality publications and SU-funded multiple research projects, which led to the publication of 1400+ research papers during 2024-2025.

Establishing global linkages through research collaborations with several reputed international institutions, including three leading agriculture universities of China in precision agriculture, citrus and sugarcane research, and dryland agriculture.

Research Publications since 2019



GRADUATES PRODUCED



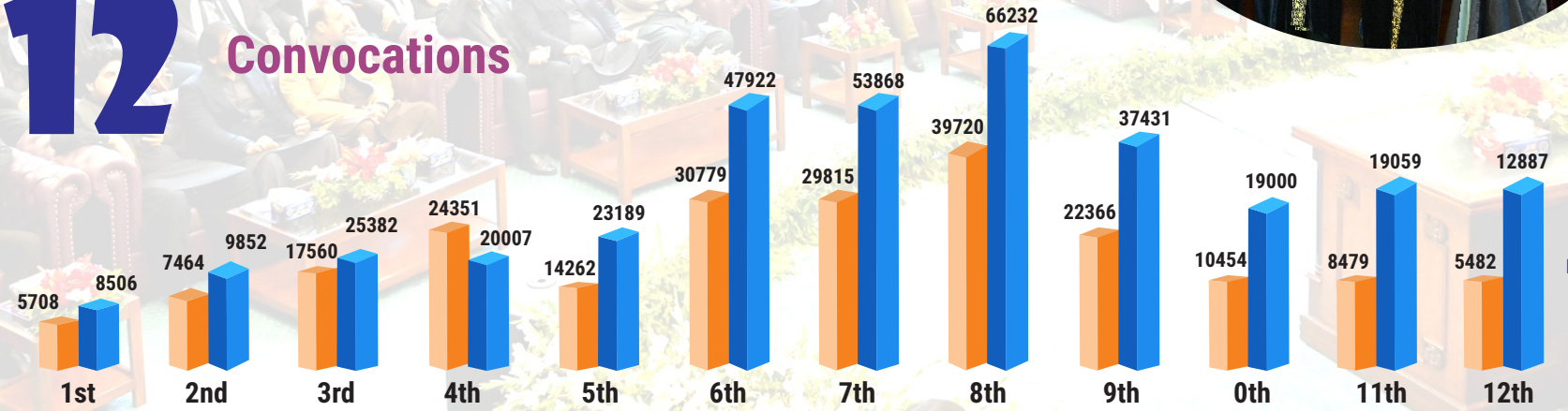








12 Convocations



Degree Conferred:

Male	216440
Female	343335
Total	**559775**









4 REASONS TO CHOOSE SU



1 ACADEMIC EXCELLENCE

NEARLY **600** FACULTY

OVER **350+** PhDs

AROUND **25000** STUDENTS

1201-1500 IN TIMES HIGHER EDUCATION **WORLD UNIVERSITY RANKINGS 2026**

24:1 STUDENT TO ACADEMIC STAFF RATIO

MORE THAN **220+** DEGREE PROGRAMS



2 RESEARCH PRODUCTIVITY

15 RESEARCH **CONFERENCES** 2025-2026

13 **RESEARCH** JOURNALS

15 **INTERDISCIPLINARY** RESEARCH GROUPS

MORE THAN **1400+** RESEARCH **PUBLICATIONS 2025-2026**

7 JOINT **INTERNATIONAL** RESEARCH PROJECTS





3 KNOWLEDGE SHARING

1 E-ROZGAAR CENTER FOR **FREELANCE ENTREPRENEURSHIP**

49 NATIONAL MOUs NURTURING **ACADEMIA INDUSTRY LINKAGES**

30 INTERNATIONAL MOUs SIGNED IN 2024-25 FORMALIZING **PARTNERSHIP WITH INTERNATIONAL INSTITUTIONS**

INTERNATIONAL CENTER FOR PUNJAB STUDIES
PROMOTING **RICH ETHNIC HERITAGE** OF THE PROVINCE

OUTREACH AND AGRICULTURE EXTENSION PROGRAM
ENGAGING **LOCAL FARMERS** AND **COMMUNITY**

WAHEED WAIN INCUBATION CENTER (WWIC)
PROVIDING **YOUNG ENTREPRENEURS** WITH **ADEQUATE RESOURCES** AND **SERVICES** TO **NURTURE** AND **COMMERCIALIZE** THEIR **INNOVATIVE IDEAS**

AREA STUDY CENTER FOR REGIONAL STUDIES
PROMOTING RESEARCH AND DEVELOPMENT FOR GENERATING HIGHLY QUALIFIED EXPERTS INTELLECTUALS AND POLICY MAKERS

CENTER OF EXCELLENCE IN RESEARCH FOR SOCIAL AND BEHAVIORAL SCIENCES
PROMOTING AND IMPROVING THE QUALITY AND STANDARD OF RESEARCH IN SOCIAL AND BEHAVIORAL SCIENCES

CONFUCIUS INSTITUTE
FOSTERING **PEOPLE**-TO-**PEOPLE** CONNECTION BETWEEN **PAKISTAN** AND **CHINA**

LINCOLN CORNER
LARGEST CORNER IN THE **JURISDICTION** OF **US CONSULATE GENERAL LAHORE**

CAREER DEVELOPMENT CENTER
EMPOWERING YOUTH BUILDING CAPACITY AND **PROVIDING CAREER COUNSELING**

DIRECTORATE OF EXTERNAL LINKAGES
MANAGES PROGRESS AND EXPANSION OF EFFECTIVE STRATEGY FOR THE ACHIEVEMENT OF THE UNIVERSITY'S GLOBAL MISSION

HUMAN RESOURCE DEVELOPMENT CENTER
DYNAMIC HUB OF SKILLS DEVELOPMENT, PROFESSIONAL GROWTH AND INNOVATION

4 GLOBAL OUTLOOK

PARTICIPATED IN OVER
30+
INTERNATIONAL EVENTS
AND **CONFERENCES in 2024-25**

MORE THAN
45
INTERNATIONAL MOUS

ORGANIZED MORE THAN
12
INTERNATIONAL EVENTS IN **2024-2025**

PIONEER IN JOINING **CHINA'S BELT AND ROAD AGRICULTURE** EDUCATION **SCIENCE** AND **TECHNOLOGY INNOVATION LEAGUE**

95+
FOREIGN QUALIFIED PHD FACULTY MEMBERS
FROM USA, UK, CANADA, AUSTRIA, DENMARK, GERMANY, AUSTRALIA, NEW ZEALAND, FRANCE, SOUTH KOREA, MALAYSIA AND CHINA

MORE THAN
800
FOREIGN REFEREES FROM **TOP**

500
UNIVERSITIES



SCHOLARSHIPS AND FINANCIAL AID



We believe that no one should be denied the right to education due to financial constraints and that students who secure distinctions in examinations are duly rewarded. Each year, the University of Sargodha offers a large number of scholarships and financial assistance to deserving and meritorious students in the following categories:

- **HEC Need Based Scholarship**
- **CM Honhaar Scholarship**
- **PEEF Scholarship**
- **FTO Scholarship for Baluchistan Students**
- **Children and Family of Shuhuda (Martyrs of Armed Forces) scholarship**
- **Pakistan Bait-ul-Mall Scholarship**
- **BEEF Scholarship**
- **Quaid E Azam Scholarship**
- **FATA/ Balochistan Merit Scholarship**
- **Hafiz-e-Quran Fee Waiver**
- **Fee Waiver/Scholarship for IDPs**
- **HEC Employee Fee Waiver**
- **Board University Position Holder in FA/ F.Sc/ BA/ B.Sc 1st, 2nd, 3rd**
- **Free Education for Disabled Students**
- **Fee Waiver for University Employees/Spouse/Children**
- **Waiver/ Concession for Baluchistan students (admitted on Provincial Quota/Nomination basis).**
- **MORA Scholarship**
- **Kinship Based Fee Waiver**
- **Chinese Ambassador's Scholarship**
- **Dia Pak Scholarship**
- **National Talent Scholarship**
- **Afghan Students Scholarship**
- **SOS Children`s Scholarship**
- **Sports Based Fee Waiver for Outstanding Players only**
- **Fee Waiver for Orphans / Deserving Students**
- **1st, 2nd, 3rd Position in each Semester Base**

OUR PROUD ALUMNI

The Sargodha University is proud of its alumni, the Falcons. We look forward to further expanding the community of our graduates playing a leading role in many walks of professional life in the country and across the world. Here are some of our most prominent Falcons:



Lt. General Moeen Ud Deen Haider, HI(M), (a distinguished UOS Alumnus) is a retired three-star general of the Pakistan Army who made significant contributions to both military and civil services. He served as the Governor and Chief Executive of Sindh and later as the Federal Interior Minister of Pakistan. Beyond his military and political roles, he has been the Chairman of Askari Bank and was frequently chosen by the Inter-Services Public Relations (ISPR) for the media representation.



Mr. Amir Wain, (a distinguished UOS Alumnus) through the Wain Foundation's i2c company, generously donated 120 million to creat the Waheed Wain Incubation Center at University of Sargodha. Established in 2023, this center is a testament to the collaborative efforts between the University of Sargodha and the Wain Foundation, dedicated to advancing innovation and entrepreneurship.



Muhammad Ismail Qureshi: A proud University of Sargodha alumnus has worked as the Chairperson of the Board of Sui Norther Gas Pipeline Limited. He has over 35 years of experience in public service and development, and has served in many positions in the Government of Pakistan including: Secretary, Establishment Division/Chairman, Board of Trustees, Federal Benevolent Fund & Group Insurance, Secretary, Ministry of Water and Power; Secretary, Ministry. of Food, Agriculture and Livestock; Additional Finance Secretary (External Finance and Policy), Ministry of Finance, Trade Minister, Embassy of Pakistan; Paris.



A proud UOS alumnus, **Mr. Liaqat Ali Kamra** (President UOS Alumni Association) completed his BA in Arts (Session 1982–1983) from the University of Sargodha (former Government College Sargodha). His success serves as an inspiration for current students and young graduates. Mr. Kamra's achievements reflect the University of Sargodha's commitment to nurturing individuals who, through education, dedication, and practical experience, go on to make meaningful contributions to society and become role models for future generations.

CAMPUSLIFE



The University of Sargodha offers its students an ideal environment for academic excellence and professional growth. Life at its main campus and sub-campus is conducive for advanced studies. Students are also provided with ample social avenues to refine their personalities and skills. The University faculty and staff have affable bond with students, and the mode of learning involves both formal and informal processes. The infrastructure is very well developed with modern buildings, well-equipped classrooms and research labs, congenial hostel environment, wide pathways, green and serene parks, and first-class sports facilities. During each semester, the campus life remains abuzz with academic events such as conferences, seminars and workshops as well as co-curricular activities, including debates and other youthful activities.

SAFE AND SMART CAMPUS

The University of Sargodha is among the first few public sector universities where Smart University Project of the Higher Education Commission has been deployed successfully. The project has enabled us to experience an advanced WiFi Technology providing wireless coverage across the main campus, enabling the users (including students and teachers) to freely access wireless internet services both indoor and outdoor. Eduroam services are part of this project, aimed at enabling the users to freely access wireless internet services with the same credentials while visiting any other university in the country or abroad offering same services. Secure environment through Security Wing of the University, with alarms system, CCTV cameras and gated security.



WAZIR AGHA LIBRARY

Our main library, named after a prominent literary figure and SU alumnus, is known for its long history, magnificent architecture and pleasant environment. It holds a collection of 100,000 books, a number of foreign and local journals, several online full text databases of books and periodicals, a computer lab comprising 50 computers with internet connectivity and a valuable collection of 25,000 digital resources and a MARC based Library Management System.



E-RESOURCES

Besides the in-house collection of digital resources, the University Library provides online access to renowned global databases of digital content. These include access to the E-Library USA provided by the American Information Resource Centre through the Lincoln Corner situated at the Library. The HEC National Digital Library provides online access to peer-reviewed journals, databases, articles and e-books across a wide range of disciplines, including ISI Web of Science, Pro-Quest, Springer-Link, Emerald Insight and several other online databases.

LINCOLN CORNER

Our Lincoln Corner is one of the largest corners in the jurisdiction of US Consulate General Lahore. It promotes experiential and interactive learning through its diverse programming which makes it to the 'Golden Category' of the American Spaces around the world.
Our Lincoln Corner is multi-media resource centre, where visitors can connect, practice their English language, and learn about America in many different ways. It aims to strengthen people to people connection between US and Pakistan through better understanding of cultural values.



STUDENT SUPPORT SERVICES

A variety of services are available to the students for comfortable and healthy living as well as educational and skillful learning.



ACCOMMODATION

The University has **seven female and four male students hostels**, providing comfortable residential facilities to more than 5000 students. It is the only public sector university which provides hostel facility to most of the female students who apply for residence. The accommodation in each of these hostels comprises both cubicles and dormitories. Each hall contains a well-furnished dining hall, a TV lounge, a common room, a reading room, electricity generators and emergency medical facilities.

TRANSPORT

The University provides **pick and drop service**s to the students within the radius of 30-km in the city and in five tehsils Shahpur, Bhera, Kotmomin, Sahiwal, Sillanwali and two other areas like Jhawarian and Sial Mor. 21 buses and several vans comprise the fleet of university transport. Similar facilities are available to students of sub-campus.

HEALTHCARE

Our University Health Center at the main campus provides **round the clock** healthcare facilities to the students, faculty, staff and the local community. Medical consultants from Sargodha Medical College are available to take care of patients in the morning and evening. The ambulance service is available 24/7 to deal with emergency cases. The students are also provided SU's own mineral water, *Khush Aab*, at plants located on campus and in hostels.

IT LABS

Well-equipped IT labs are available in the library and most of the departments to provide **digital services** to students and researchers.

VOICE OF VARSITY

Our FM 98.2 radio station offers education and **infotainment** to students and local community.

SPORTS & CO-CURRICULAR

The University of Sargodha offers a variety of sports facilities and co-curricular opportunities to its students. It is enriched with lush green playgrounds for cricket, hockey, football, athletics and other indoor and outdoor games. The Riaz Shad Co-Curricular Forum, with over a dozen student societies, prepares the students for winning national competitions in debates and other youthful contests.



ON-CAMPUS INTERNSHIP PROGRAM

Providing work opportunities through On-Campus Internship Program for meritorious fresh graduates and enrolled students and various international and national exchange programs.

E-ROZGAAR

One E-Rozgaar Center, established by the Punjab Information Technology Board, are operational, offering online freelance business opportunities to the students.

CAREER DEVELOPMENT CENTER

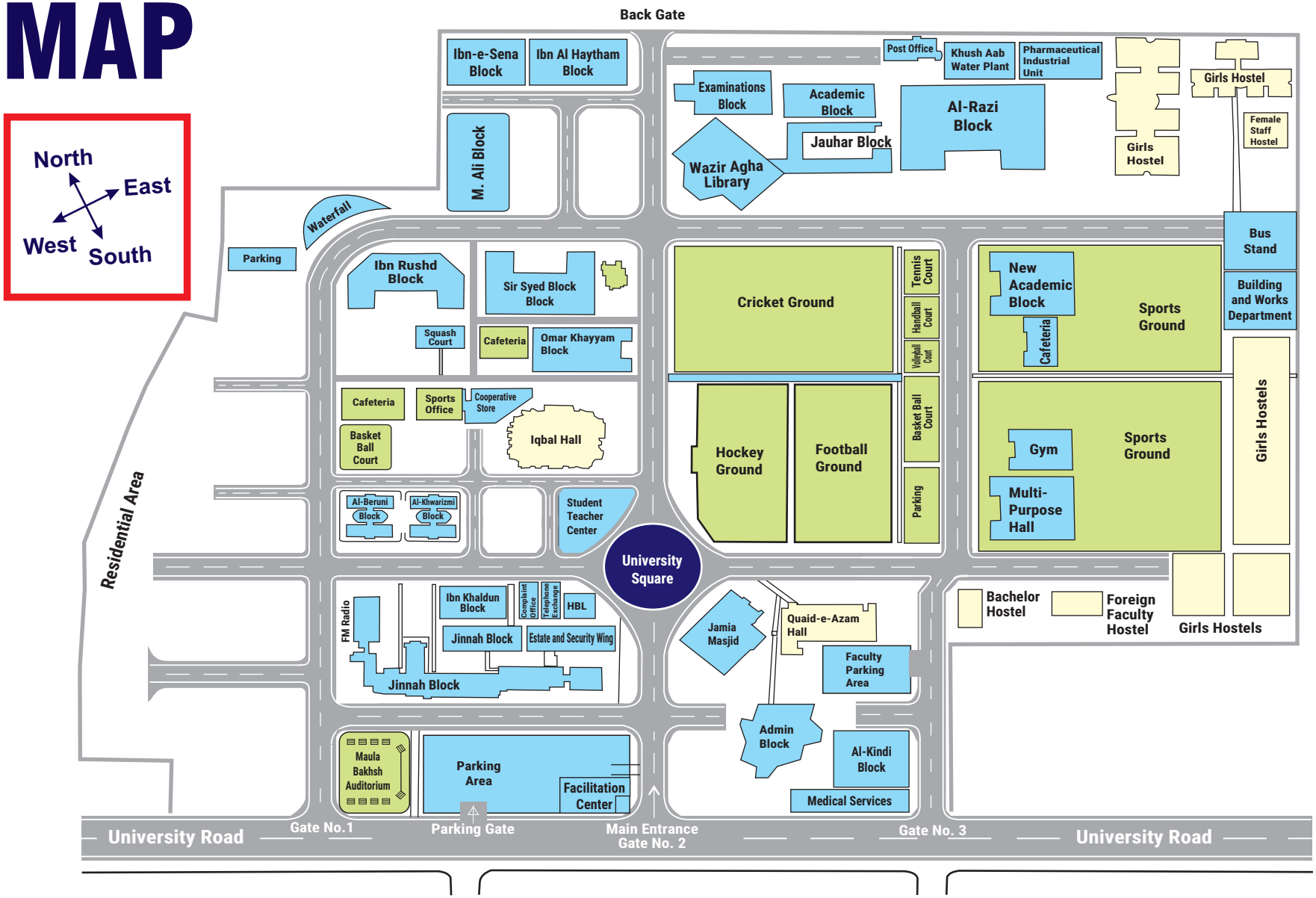
Career Development Center (CDC) empowers youth, builds capacity and provides career counselling through interactive sessions with professionals, and workshops. To harness work ethics and equip students with modern and updated skills required for professional life, CDC organizes various activities including Skill Development Program, On-Campus Internship Program and opens international avenues through scholarships and exchange programs.

Waheed Wain Incubation Center (WWIC)

For providing young entrepreneurs with adequate resources and services to nurture and commercialize their innovative ideas, the University has established the Sargodha University Incubation Center. It is also providing an intense six to eight months 'Business Acceleration Program' to support passionate students to launch their own startups.



UNIVERSITY MAP



FACULTY OF
AGRICULTURE



Prof. Dr. Muhammad Ashraf
Dean, Faculty of Agriculture

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0333-6873259
Lahore - Khushab Bypass, Sargodha

List of College/Institute/Departments

- **College of Agriculture**
  - Agricultural Economics
  - Agricultural Extension and Development Studies
  - Agronomy
  - Animal Sciences
  - Entomology
  - Forestry
  - Horticulture
  - Plant Breeding And Genetics
  - Plant Pathology
  - Soil and Environmental Sciences
- **Institute of Food Science and Nutrition**

Agriculture is one of the most ancient and basic productive sectors of human activity. Food production and conservation are inextricably linked as they provide the raw material to down the line industries and help in poverty alleviation. Agriculture sector contributes 22.90% to GDP and was the major employer absorbing 37.40% of labor force in 2022-23. The Faculty of Agriculture is one of the largest faculties of the university with a mission to produce trained and skilled work force, having focus on innovation and entrepreneurship. The faculty comprises College of Agriculture and Institute of Food Science and Nutrition. Under the umbrella of College of Agriculture, Departments of Agricultural Economics, Agricultural Extension and Rural Studies, Agronomy, Entomology, Forestry, Horticulture, Plant Breeding and Genetics, Plant Pathology and Soil and Environmental Sciences offer BSc (Hons) Agriculture and MSc (Hons) in Agri. Extension, Agronomy, Animal Nutrition, Entomology, Horticulture, Plant Breeding and Genetics, Plant Pathology and Soil Science, while PhD in Agri. Extension, Agronomy, Entomology, Horticulture, Plant Breeding & Genetics, Plant Pathology, and Soil Science. Whereas, Department of Animal Sciences offers BSc (Hons) Animal Sciences and MSc (Hons) Animal Nutrition. Moreover, Institute of Food Science and Nutrition offers BSc (Hons) Home Economics, BSc (Hons) Human Nutrition and Dietetics, BSc (Hons) Food Science and Technology, MSc (Hons) Food Science and Technology, MSc (Hons) Food and Nutrition, PhD Food Science and Technology and PhD Food and Nutrition. The Faculty of Agriculture is equipped with highly qualified staff, latest equipments and farm land to cater the needs/research requirements of students and staff in the field of agriculture. The faculty is promoting collaborations with national and international universities that would be a great benefit to the students and staff to exchange innovations with different countries.

COLLEGE OF AGRICULTURE



Prof Dr Ijaz Rasool Noorka
Principal College of Agriculture

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principal.agriculture@uos.edu.pk
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Lahore - Khushab Bypass, Sargodha

DEPARTMENT OF AGRICULTURAL ECONOMICS



Nadeem Anwar
Assistant Professor / Incharge

Contact
economics.agriculture@uos.edu.pk
0333-8363351
Lahore - Khushab Bypass, Sargodha

FACULTY (Agricultural Economics)

Nadeem Anwar
Assistant Professor

Dr. Muazzam Sabir
Assistant Professor

Dr. Muhammad Waqar
Assistant Professor

Dr. Moula Bux
Lecturer

Zulqarnain Haider
Lecturer

GENERAL FACULTY (Applied Statistics)

Dr. Sami Ullah
Lecturer

BSc (Hons) Agriculture (Agricultural Economics)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. & Communication Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Introduction to Agriculture Extension & Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Introduction to Rangelands & Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
		Total 21(17-4)

Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)
PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)
Semester-5		
AGEC-6503	Microeconomics – I	3(3-0)
AGEC-6504	Macroeconomics – I	3(3-0)
AGEC-6505	Mathematics for Economists	3(3-0)
AGEC-6506	Food and Agricultural Marketing	3(3-0)
AGEC-6507	Economics of Climate Change	3(3-0)
AGEC-6508	Statistical Methods for Economists	3(2-1)
		Total 18(17-1)
Semester-6		
AGEC-6509	Microeconomics –II	3(3-0)
AGEC-6510	Macroeconomics – II	3(3-0)
AGEC-6511	Econometrics – I	3(2-1)
AGEC-6512	Development Economics	3(3-0)
AGEC-6513	Mathematical Economics	2(2-0)
AGEC-6514	Environment and Sustainable Development	3(3-0)
AGEC-6515	Institutional Economics	3(3-0)
		Total 20(19-1)
Semester-7		
AGEC-6516	Econometrics – II	3(2-1)
AGEC-6517	Natural Resource Economics	3(3-0)
AGEC-6518	Agricultural Finance	3(3-0)
AGEC-6519	Agricultural Production Economics	3(3-0)
AGEC-6520	Research Methods in Social Sciences	3(2-1)
AGEC-6521	International Economics	3(3-0)
AGEC-6522	Agricultural issues and Policies of Pakistan	3(3-0)
		Total 21(19-2)
Semester-8		
AGEC-6523	Internship	3(0-3)
AGEC-6524	Capstone Project	3(0-3)
		Total 6(0-6)

BS in Agricultural and Resource Economics

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or equivalent qualification
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)
MATH-5128	Mathematics (for Pre-Medical students)	
AGRE-5101	Principles of Agricultural and Resource Economics	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest & Watershed Management	2(1-1)
		Total 21(16-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
AGRE-5102	Microeconomics I	3(3-0)
AGRE-5103	Statistical Methods in Economics	3(2-1)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(19-2)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
AGRE-5104	Microeconomics II	3(3-0)
AGRE-5105	Logical and Critical Thinking	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
		Total 20(16-4)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)

URCG-5125	Civic and Community Engagement	2(2-0)
AGRE-5106	Macroeconomics I	3(3-0)
AGRE-5107	Mathematics for Economist	3(3-0)
AGRE-5108	Agribusiness Management and Marketing	2(2-0)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
HORT-5601	Introductory Horticulture	2(2-0)
		Total 20(18-2)

Semester-5

AERE-6101	Macroeconomics II	3(3 0)
AERE-6102	Production Economics	3(3 0)
AERE-6103	Econometrics I	3(2 1)
AERE-6104	Project Management and Evaluation	3(3 0)
AERE-6105	Introduction to Environmental Economics	3(3 0)
AERE-6106	Human Recourse Management	3(3 0)
		Total 18(17-1)

Semester-6

AGRE-6107	Econometrics II	3(2 1)
AGRE-6108	Development Economics	3(3-0)
AGRE-6109	Agricultural Policies of Pakistan	3(3-0)
AGRE-6110	Management of Natural Resources	3(3-0)
AGRE-6111	Research Methods for Economist	3(2-1)
AGRE-6112	Economics of Climate Change	3(3-0)
		Total 18(16-2)

Semester-7

AGRE-6113	Land Use and Urbanization	3(3-0)
AGRE-6114	Agricultural Finance	3(3-0)
AGRE-6115	Data Collection and Analysis	3(0-3)
AGRE-6116	Environment and Sustainable Development	3(3-0)
AGRE-6117	International Economics	3(3-0)
AGRE-6118	Institutional Economics	3(3-0)
		Total 18(15-3)

MPhil Agricultural Economics

Eligibility: BS / BSc(Hons) in Agriculture with major in Agricultural Economics OR BS Agriculture & Resource Economics or equivalent (16-years education) minimum CGPA 2.00/4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Deficiency Courses of Level 6		
AGEC-6503	Microeconomics-I	3(3-0)
AGEC-6504	Macroeconomics-I	3(3-0)
AGEC-6511	Econometrics-I	3(3-0)
AGEC-6512	Development Economics	3(3-0)
AGEC-6505	Research Methods in Social Science	3(2-1)
AGEC-6520	Agricultural Production Economics	3(3-0)
AGEC-6519	Agricultural Production Economics	3(3-0)
AGEC-6506	Food and Agricultural Marketing	3(3-0)
AGEC-6518	Agricultural Finance	3(3-0)
AGEC-6522	Agricultural Issues and Policies of Pakistan	3(3-0)
List of Mandatory/Compulsory/Core Courses		
AGEC-7101	Microeconomics	3(3-0)
AGEC-7102	Econometrics	3(3-0)
AGEC-7107	Macroeconomics	3(3-0)
STAT-7152	Statistical Methods for Social Research	3(3-0)
AGEC-7112	Special Problem	1(0-1)
AGEC-7113	Sminar	1(0-1)
List of Elective Courses		
AGEC-7103	Adv. Topics in Mathematical / Linear Programming	3(2-1)
AGEC-7104	Food and Agricultural Policy	3(3-0)
AGEC-7105	Agricultural Growth and Poverty	3(3-0)
AGEC-7106	Water Law, Policy and Institutions	3(2-1)
AGEC-7108	Production Economics	3(3-0)
AGEC-7109	International Economics	3(3-0)
AGEC-7110	International Economics	3(3-0)
AGEC-7111	Political Economy for Agriculture	3(3-0)

PhD Agricultural Extension

Eligibility: MSc(Hons) Agricultural Economics with any major in Agricultural with minimum CGPA 3.00/4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Deficiency Courses of Level 6		
AGEC-7101	Microeconomics	3(3-0)
AGEC-7102	Econometrics	3(3-0)
AGEC-7107	Macroeconomics	3(3-0)
AGEC-7104	Food and Agricultural Policy	3(3-0)
AGEC-7105	Agricultural Growth and Poverty	3(2-1)
AGEC-7106	Water Law, Policy and Institutions	3(3-0)
AGEC-7108	Production Economics	3(3-0)
List of Mandatory/Compulsory/Core Courses		
AGEC-8101	Advanced Microeconomics	3(2-1)
AGEC-8105	Advanced Macroeconomics	3(3-0)
AGEC-8132	Advanced Statistical Methods for Social Research	3(3-0)
AGEC-8108	Special Problem	3(3-0)
AGEC-8109	Seminar-I	3(2-1)
AGEC-8110	Seminar-II	3(3-0)
List of Elective Courses		
AGEC-8102	Advanced Econometrics	3(2-1)
AGEC-8103	Advances in Agricultural Policy Analysis	3(3-0)
AGEC-8104	Spatial Economics	3(3-0)
AGEC-8106	Agricultural Pricing Analysis	3(3-0)
AGEC-8107	Economics of Food System	3(3-0)

DEPARTMENT OF AGRICULTURAL EXTENSION & RURAL STUDIES



Dr Muhammad Luqman
Associate Professor / Chairperson

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FACULTY

Dr. Muhammad Luqman
Associate Professor

Dr. Muhammad Arshed Javed
Assistant Professor

Dr. Saima Sadaf
Assistant Professor

Dr. Muhammad Yaseen
Assistant Professor

Dr. Humaira Ameen
Assistant Professor

Dr. Muhammad Usman
Assistant Professor

Bsc (Hons) Agriculture (Agricultural Extension)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)

PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)
Semester-5		
AEXT-6401	Extension Program Development	3(2-1)
AEXT-6402	History and Philosophy of Agricultural Extension Education	3(3-0)
AEXT-6403	Rural Development Programs in Pakistan	3(2-1)
AEXT-6404	Rural Youth in Agricultural Development	3(2-1)
AEXT-6405	Leadership Skills in Agricultural Extension	3(3-0)
AEXT-6406	Community Development Issues and Strategies	3(3-0)
AEXT-6407	Food Security through Precision Agri. Technology	2(2-0)
		Total 20(17-3)
Semester-6		
AEXT-6408	Agricultural Extension Methods	3(2-1)
AEXT-6409	Computer Applications in Agricultural Extension	3(1-2)
AEXT-6410	Psychology for Adult Learning	3(3-0)
AEXT-6411	Human Resources Development	3(2-1)
AEXT-6412	Gender Studies in Agricultural Extension	3(3-0)
AEXT-6413	Preparation of Research Project and Scientific Writing	3(2-1)
AEXT-6414	Participatory Approaches in Agri. Extension	3(2-1)
		Total 21(15-6)
Semester-7		
AEXT-6415	Interviewing Skills	3(2-1)
AEXT-6416	Agricultural Technology Transfer	3(2-1)
AEXT-6417	Agricultural Journalism	3(2-1)
AEXT-6418	Research Methods in Agricultural Extension	3(2-1)
AEXT-6419	Poverty Alleviation and Sustainable Development	3(3-0)
AEXT-6420	Program Evaluation in Agricultural Extension	3(2-1)
		Total 18(13-5)
Semester-8		
AEXT-6421	Research Project / Internship	3(0-3)
AEXT-6422	Capstone Project	3(0-3)
		Total 6(0-6)

BS in Development Studies

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) (FA, FSc (Pre-Medical & Pre-Engineering), ICS, I.Com, D.Com), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
DEVS-5101	Introduction to Development Studies	3(3-0)
DEVS-5102	Socio-Economic Development of Pakistan	3(3-0)
DEVS-5103	History and Philosophy of Development	3(3-0)
AGRE-6110	Management of Natural Resources	3(3-0)
SOCI-5101	General Sociology-1	3(3-0)
		Total 21(19-2)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
DEVS-5104	Issues and perspectives of Rural Development	3(3-0)
DEVS-5105	Public Policy & Governance	3(3-0)
DEVS-5106	Poverty, Livelihood & Development	3(3-0)
AGRE-6116	Environment & Sustainabe Development	3(3-0)
		Total 20(20-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
STAT-5128	Statistical Techniques for Development Studies-I	3(3-0)
DEVS-5107	Environment and Development	3(3-0)
DEVS-5108	Local Government System and Rural Development	3(3-0)
DEVS-5109	Community Development Issues and Strategies	3(3-0)
		Total 21(20-1)
Semester-4		
URCG-5115	Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
DEVS-5110	Development Theories and Practices	3(3-0)
DEVS-5111	Communication for Development	3(3-0)
DEVS-5112	Introduction to Development Economics	3(3-0)
DEVS-5113	Anthropology	3(3-0)
		Total 21(20-1)
Semester-5		
DEVS-5114	Development Project Planning & Management	3(3-0)
DEVS-5115	Leadership and Management Skills	3(3-0)
DEVS-5116	Microfinance and Poverty Reduction	3(3-0)
DEVS-5117	Political Economy & Development	3(3-0)
DEVS-5118	Natural Resources & Sustainable Development	3(3-0)
STAT-5129	Statistical Techniques for Development Studies-II	3(3-0)
		Total 18(18-0)
Semester-6		
DEVS-5119	Research Methods in Development Studies	3(2-1)
DEVS-5120	Disaster Management and Development	3(3-0)
DEVS-5121	Development and Governing Issues in Developing Countries	3(3-0)

DEVS-5122	Non-Governmental Organizations and Development	3(3-0)
DEVS-5123	Rural-Urban Divide and Development	3(3-0)
DEVS-5124	Human Resource Management	3(3-0)
		Total 18(17-1)
Semester-7		
DEVS-5125	Gender and Development	3(3-0)
DEVS-5126	Religion and Development Politics	3(3-0)
DEVS-5127	Special Techniques for Development Studies	3(3-0)
DEVS-5128	Agrarian Reforms and Rural Development	3(3-0)
DEVS-5129	Structure and Issues of Rural Economy	3(3-0)
DEVS-5130	Technical and Scientific Report Writing	3(2-1)
		Total 18(17-1)
Semester-8		
DEVS-5131	Capstone Project	3(0-3)
DEVS-5132	Internship/Research Project and Report Writing	3(0-3)
		Total 6(0-6)

Postgraduate Diploma in Gerontology

Eligibility: At least Second division or CGPA-2.00 out of 4.00 in BSc (Hons) in Agricultural Sciences, Sciences and Health Sciences, MSc (Hons.) in any discipline of Agriculture, MSc (Hons.) or MS in ural Development, MPhil in Sociology, Social Work, Economics, Psychology, Mass Communication, Mathematics, Statistics, Education, Anthropology and Oriental Languages, Computer Science, Management Sciences and Development Studies or equivalent qualification.
Duration: 1 Years
Semesters: 2
Degree Requirements: 20 credit hours + a short research project

Code	Course Title	C/Hr.
Semester-1		
GERN-6101	Introduction to Social Gerontology	3(3-0)
GERN-6102	Social Rehabilitation in later life	3(2-1)
GERN-6103	Educational Gerontology	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
		Total 10(9-1)
Semester-2		
GERN-6104	Research Methods in Gerontology	3(2-1)
GERN-6105	income, Social Protection and Poverty Prevention for Older Persons	3(3-0)
GERN-6106	Mental Health Issues in Later Life	3(2-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
		Total 10(9-2)

MSc (Hons) (Agricultural Extension)

Eligibility: BSc(Hons) in Agriculture or equivalent (16-years education) with any major in Agriculture with minimum CGPA 2.50/ 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Mandatory/Compulsory/Core Courses		
AEXT-7101	Agricultural Extension Methods	
AEXT-7102	Program Planning	3(2-1)
AEXT-7103	Preparation of Research Project and Scientific Writing	3(2-1) 3(2-1)
AEXT-7152	Statistical Methods for Social Research	
AEXT-7113	Special Problem	3(2-1)
AEXT-7114	Seminar	1(1-0)
List of Deficiency Courses		1(1-0)
AEXT-6401	Extension Program Development	3(2-1)
AEXT-6403	Rural Development Programs in Pakistan	3(2-1)
AEXT-6406	Community Development Issues & Strategies	3(3-0)
AEXT-6420	Program Evaluation in Agricultural Extension	3(2-1)

Note: Deficiency courses will be offered from BSc (Hons) Agricultural Extension Scheme of Studies

List of Elective Courses		
AEXT-7104	Human Resource Development	3(3-0)
AEXT-7105	Monitoring and Evaluation in Agricultural Extension	3(2-1)
AEXT-7106	Communication Strategies in Agricultural Extension	3(2-1)
AEXT-7107	Application of ICTs in Agricultural Extension	3(3-0)
AEXT-7108	Psychology of Adult Learning	3(3-0)
AEXT-7109	Gender Studies in Agricultural Extension	3(3-0)
AEXT-7110	Participatory Approaches to Agricultural Extension & Rural Development	3(2-1)
AEXT-7111	Agricultural Technology Transfer	3(2-1)
AEXT-7112	Advanced Research Methodologies in Agricultural Extension & Rural Development	3(2-1)
Thesis		
AEXT-7115	Thesis	6(0-6)

PhD Agricultural Extension

Eligibility: MPhil/MSc(Hons) Agricultural Extension or with any discipline / major of Agriculture from HEC recognized institution with minimum CGPA 3.00/4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Mandatory/Compulsory/Core Courses		
AEXT-8101	Extension Management and Administration	3(3-0)
AEXT-8102	Qualitative and Quantitative Research Methods	3(2-1)
AEXT-8112	Advanced Statistical Methods for Social Research	3(2-1)

AEXT-8115	Special Problem	1(0-1)
AEXT-8116	Seminar-I	1(0-1)
AEXT-8116	Seminar-II	1(0-1)
List of Deficiency Courses		
AEXT-7104	Human Resource Development	3(3-0)
AEXT-7105	Monitoring and Evaluation in	3(2-1)
	Agricultural Extension	
AEXT-7106	Communication Strategies in	3(2-1)
	Agricultural Extension	
AEXT-7110	Participatory Approaches to Agricultural	3(2-1)
	Extension and Rural Development	
List of Elective Courses		
AEXT-8103	Food Security Issues and Role of	3(3-0)
	Agricultural Extension	
AEXT-8104	International Agricultural Extension System	3(3-0)
AEXT-8105	Managing Learning Experience in	3(3-0)
	Agricultural Extension Education	
AEXT-8106	Sustainable Agricultural & Rural Development	3(3-0)
Thesis	Thesis	



MS Rural Development

Eligibility: BS/BSc(Hons) or equivalent (16 years of education) in any discipline of Agriculture, Social, Biological, Environmental & Allied Health Sciences with minimum CGPA 2.50/4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Mandatory/Compulsory/Core Courses		
RDVP-7101	Introduction to Development Studies	3(3-0)
RDVP-7102	Dynamics of Growth, Income Distribution	3(3-0)
	and Poverty	
RDVP-7103	Food, Agriculture and Rural Dev. in Pakistan	3(3-0)
RDVP-7154	Statistical Methods for Development Studies	3(3-0)
RDVP-7112	Special Problem	1(1-0)
RDVP-7113	Seminar	1(1-0)
List of Deficiency Courses		
RDVP-6401	Extension Program Development	3(2-1)
RDVP-6403	Rural Development Program in Pakistan	3(2-1)
RDVP-6406	Community Development Issues & Strategies	3(2-1)
RDVP-6429	Program Evaluation in Agricultural Extension	3(3-0)
List of Elective Courses		
RDVP-7104	Research Methodology for Rural Development	3(2-1)
RDVP-7105	Sustainable Rural Development	3(3-0)
RDVP-7105	ICTs and Rural Development	3(3-0)
RDVP-7107	Scientific and Academic Writing	3(2-1)
RDVP-7108	Poverty Alleviation and Sustainable Development	3(3-0)
RDVP-7109	Sustainable Agriculture & Rural Development	3(3-0)
RDVP-7110	Participatory Approaches in Rural Development	3(2-1)
RDVP-7111	Monitoring and Evaluation in Dev. Programs	3(2-1)
Thesis	Thesis	

PhD Rural Development

Eligibility: MPhil/MSc(Hons)/ MS or equivalent degree (18 years of education) in any discipline of Agriculture, Social, Biological, Environmental & Allied Health Sciences with minimum CGPA 3.00/4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Mandatory/Compulsory/Core Courses		
RDVP-8101	Rural Development Theory, Policy and Practice	3(3-0)
RDVP-8102	Dynamics of Rural Development	3(3-0)
RDVP-8103	Globalization and Rural Development	3(3-0)
RDVP-8134	Advanced Statistical Methods for Dev. Studies	3(3-0)
RDVP-8111	Special Problem	1(1-0)
RDVP-8112	Seminar	1(1-0)
List of Deficiency Courses		
RDVP-7102	Dynamics of Growth, Income Distribution & Poverty	3(3-0)
RDVP-7103	Agricultural and Rural Development in Pakistan	3(3-0)
RDVP-7105	Sustainable Rural Development	3(3-0)
RDVP-7110	Participatory Approach in	3(2-1)
	Agricultural Extension & Rural Development	
List of Elective Courses		
RDVP-8104	Structure and Issues of Rural Economy	3(3-0)
RDVP-8105	Economics of Rural Land and Water Resources	3(3-0)
RDVP-8106	Rural Institution and Development	3(3-0)
RDVP-8107	Research Methodologies for Rural Development	3(2-1)
RDVP-8108	Agrarian Reforms and Rural Development	3(3-0)
RDVP-8109	Public Policy and Governance	3(3-0)
RDVP-8110	Religion, Politics and Rural Development	3(3-0)
Thesis		
	Thesis	

DEPARTMENT OF **AGRONOMY**



Dr Muhammad Ather Nadeem
Professor / Chairperson

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Dr. Muhammad Ehsan Safdar
Associate Professor

Dr. Abdul Rehman
Associate Professor

Dr. Muhammad Rafi Qamar
Assistant Professor

Dr. Muhammad Asif
Assistant Professor

Dr. Amjed Ali
Assistant Professor

Dr. Muhammad Kamran
Assistant Professor

Dr. Muhammad Yasin
Lecturer

BSc (Hons) Agriculture (Agronomy)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)

PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)
Semester-5		
AGRO-6903	Agro-Technology of Major Crops	3(2-1)
AGRO-6904	Aid and Rainfed Agriculture	3(2-1)
AGRO-6905	Concepts of Crop Physiology	3(2-1)
AGRO-6906	Irrigation Agronomy	3(2-1)
AGRO-6907	Agro-Ecology	2(2-0)
AGRO-6908	Organic Farming	3(3-0)
AGRO-6909	Plant and Soil Analysis	3(2-1)
		Total 20(15-5)
Semester-6		
AGRO-6910	Biological Nitrogen Fixation	3(2-1)
AGRO-6911	Plant Nutrients and Growth Regulators	3(2-1)
AGRO-6912	Farming Systems and Farm Records	3(2-1)
AGRO-6913	Seed Production Technology	3(2-1)
AGRO-6914	Forage and Fodder Production	3(2-1)
AGRO-6915	Biological Data Science	3(1-2)
AGRO-6916	Agro Technology of Minor Field Crops and Medicinal Plant	3(2-1)
		Total 21(13-8)
Semester-7		
AGRO-6917	Principles of Weed Science	3(2-1)
AGRO-6918	Smart Farming	3(2-1)
AGRO-6919	Conservation Agronomy	3(2-1)
AGRO-6920	Crop Modeling in Agriculture	3(2-1)
AGRO-6921	Environment and Crop Production	3(2-1)
AGRO-6922	Research and Scientific Writing	3(2-1)
		Total 18(12-6)
Semester-8		
AGRO-6923	Research Project / Internship	3(0-3)
AGRO-6924	Capstone Project	3(0-3)
		Total 6(0-6)

BS in Climate Change

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) or Equivalent "Quota for Diploma in Engineering (DAE) or Diploma in Agricultural Sciences = 2+2 seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
CLCH-5101	Introduction to Climate Change	3(2-1)
CLCH-5102	Agriculture and Climate Change	3(2-1)
URCG-5129/31	Understanding of Holy Quran-i/Ethics-I	1(0-1)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
CLCH-5103	Global Warming	3(2-1)
CLCH-5104	Atmospheric Chemistry and Climate	3(2-1)
GEOG-5109	Climatology	3(2-1)
		Total 19(16-3)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
CLCH-5106	Climate Change Impact on Ecosystems	3(2-1)
CLCH-5106	International Climate Agreements and Diplomacy	3(2-1)
CLCH-5107	Climate Change and Global Politics	3(2-1)
GEOG-6113	Oceanography	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(1-0)
		Total 21(17-4)
Semester-4		
URCG-5115	The Science of Global Challenge	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
CLCH-5108	Biodiversity and Climate Change	3(2-1)
CLCH-5109	Climate Smart Agricultural Technologies	3(2-1)
GEOG-6115	Remote Sensing	3(2-1)
STAT-5102	Applied Statistics	3(3-0)
		Total 19(15-4)
Semester-5		
CLCH-6110	Climate Change and Farming Community	3(2-1)
CLCH-6111	Climate Resilient Crop Management	3(2-1)
SAES-6816	Environmental Pollution and Management	3(2-1)
CLCH-6112	Sustainability and climate Solutions	3(2-1)
CLCH-6113	Climate Change Risks and Food Security	3(2-1)
CLCH-6114	Carbon Sequestration & Environmental Footprints	3(2-1)
CLCH-6115	Human Response and Climate Change	3(3-0)
		Total 21(16-5)
Semester-6		
CLCH-6116	Climate Change Modelling Impact and Adaptation	3(2-1)
CLCH-6117	Renewable Energy and Climate	3(2-1)
CLCH-6118	Climate and Human Health	3(2-1)
CLCH-6119	Research Methodology and Scientific Writing	3(2-1)

CLCH-6120	Industrialization and Climate Change	3(2-1)
CLCH-6121	Climate Change Mitigation Technologies	3(2-1)
		Total 18(12-6)
Semester-7		
CLCH-6122	Climate Data Analysis and Visualization	3(2-1)
CLCH-6123	Climate Change Resilience and Adaptation	3(2-1)
CLCH-6124	Climate Change Impact to Terrestrial and Aquatic Animals	3(2-1)
CLCH-6125	AI Solutions for Climate Change Issues	3(2-1)
CLCH-6126	Water and Environmental Governance	3(2-1)
CLCH-6127	Agroforestry and Climate Resilience	3(3-0)
		Total 18(13-5)
Semester-8		
CLCH-6128	Research Project / Internship	3(0-3)
CLCH-6129	Capstone Project	3(0-3)
		Total 6(0-6)



BS in Farm Management

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) or Equivalent OR Diploma in Agricultural.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5903	Introductory Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-6705	Agroforestry	3(2-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 21(16-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
ANSC-5111	Introduction to Animal Husbandary	3(2-1)
AGRO-5904	Field Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(1-0)
		Total 20(17-3)
Semester-3		
URCG-5119	Expository Writing	3(2-1)
URCG-5121	Tools for Quantitative Reasoning	3(2-1)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 20(15-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-6111	Stored Products Pest and Their Management	3(2-1)
PLPT-6315	Plant Disease Management	3(2-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
		Total 20(16-4)
Semester-5		
FRMT-6101	Sustainable Agriculture & Organic Farming	3(2-1)
FRMT-6102	Production Technologies of Major Vegetables	3(2-1)
FSAT-6114	Fruit and Vegetable Processing	3(2-1)
FRMT-6103	Farm Planning and Budgeting	3(3-0)
ANSC-6131	Poultry Farm Management	3(2-1)
AGRO-6914	Forage and Fodder Production	3(2-1)
FRMT-6104	Circular Economy for Farm Management	3(3-0)
		Total 21(16-5)
Semester-6		
AGRO-6903	Agro-Technology of Major Crops	3(2-1)
FMRT-6105	Agricultural Pests and Weeds Management	3(2-1)
FMRT-6106	Agronomy of Fruit Production	3(2-1)
AGRO-6917	Principles of Weed Science	3(2-1)

ANSC-6116	Management of Dairy Animals	3(2-1)
FRMT-6107	Vertical Farming Systems	3(2-1)
		Total 18(12-6)
Semester-7		
AGRO-6916	Agro Technology of Minor Field Crops and Medicinal Plants	3(2-1)
AGRO-6919	Conservation Agronomy	3(2-1)
FRMT-6108	Preparation of Research Proj. & Scientific Writing	2(1-1)
AGRO-6912	Farming Systems and Farm Records	3(2-1)
FRMT-6109	Agrochemicals and Disease Management	3(2-1)
FRMT-6110	Harvest and Handling of Crops	3(2-1)
ANSC-6134	Feed Evaluation, Formulation and Processing Technology	3(2-1)
		Total 20(13-7)
Semester-8		
FRMT-6111	Research Project/Internship	3(0-3)
FRMT-6112	Capstone Project	3(0-3)
		Total 6(0-6)



MSc (Hons) Agronomy

Eligibility: BSc (Hons) / BSc 4 Years or equivalent (16 Years of Education) with any major in Agriculture with minimum CGPA 2.50/4.00 - Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Postgraduate Courses		
AGRO-7101	Applied Crop Ecology	3(3-0)
AGRO-7102	Agro-Environment Conservation	3(2-1)
AGRO-7103	Agro-meteorology	3(3-0)
AGRO-7104	Allelopathy and Crop Productivity	3(2-1)
AGRO-7105	Applied Conservation Agronomy	3(3-0)
AGRO-7106	Sustainable Agriculture	3(3-0)
AGRO-7107	Crop Management on Problem Soils	3(3-0)
AGRO-7108	Crop Nutrition Management	3(2-1)
AGRO-7109	Special Problem	1(1-0)
AGRO-7110	Seminar	1(1-0)
AGRO-7111	Farming and Cropping Systems	3(3-0)
AGRO-7112	Field Crop Experimentation	3(2-1)
AGRO-7113	Seed Science and Technology	3(2-1)
AGRO-7114	Stress Physiology	3(2-1)
AGRO-7115	Water Relations in Plants	3(2-1)
AGRO-7116	Weed Management	3(2-1)
AGRO-7117	Climate Change and Agriculture	3(3-0)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

PhD Agronomy

Eligibility: MSc (Hons) Agronomy or with any major in Agriculture with minimum CGPA 3.00/4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Postgraduate Courses		
AGRO-8101	Advanced Agronomy	3(2-1)
AGRO-8102	Advanced Irrigation Agronomy	3(2-1)
AGRO-8103	Dry land Agronomy	3(3-0)
AGRO-8104	Biological Crop Potential	3(2-1)
AGRO-8105	Crop Modeling	3(2-1)
AGRO-8106	Herbicides and Crop Production	3(2-1)
AGRO-8107	Seed Physiology	3(2-1)
AGRO-8108	Modern Concepts in Crop Productivity	3(2-1)
AGRO-8109	Special Problem	1(1-0)
AGRO-8110	Seminar	1(1-0)
AGRO-8111	Crop and Environment	3(3-0)
AGRO-8112	Postharvest Technology of Crops	3(2-1)
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

DEPARTMENT OF ANIMAL SCIENCES



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Associate Professor

Dr. Imtiaz Hussain Sial
Assistant Professor

Abd-ur-Rehman
Lecturer (on study leave)

Atia Iram
Lecturer

Laiba Idrees
Lecturer

BSc (Hons) Animal Sciences

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical or Pre-Engineering or equivalent. "Quota for Diploma in Livestock Assistant (LAD)/Veterinary Assistant = 2 Seats
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Communication Tech. (ICT)	3(2-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering students)	3(3-0)
MATH-5128	OR Mathematics (for Pre-Medical students)	3(3-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
ANSC -5102	Fundamentals of Animal Nutrition	2(1-1)
ANSC -5103	Fundamentals of Livestock Production	3(2-1)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
AGRO-5903	Introductory Agriculture	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
AEXT-5401	Introduction to Agricultural Extension and Rural Dev.	2(2-0)
ANSC -5104	Principles of Animal Nutrition	3(2-1)
ANSC -5105	Principles of Heredity	2(1-1)
		Total 21(17-4)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
ANSC -5106	Introduction to Veterinary Anatomy	3(2-1)
ANSC -5107	Behaviour and Welfare of Farm Animals	3(2-1)
ANSC -5108	Introduction to Veterinary Preventive Medicine	2(1-1)
ANSC -5109	Introduction to Poultry Science	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
AGRO-6912	Forage and Fodder Production	3(2-1)
ANSC -5110	Principles of Animal Breeding	2(1-1)
ANSC -5111	Management of Dairy Animals	2(1-1)
ANSC -5112	Poultry Housing and Equipment	2(1-1)

ANSC -5113	Principles of Poultry Nutrition	3(2-1)
		Total 21(15-6)
Semester-5		
ANSC -6114	Basic Microbiology	3(2-1)
ANSC -6115	Introduction to Animal Physiology	3(2-1)
ANSC -6116	Animal Breeding Plans and Policies	3(2-1)
ANSC -6117	Introductory Molecular Genetics	2(1-1)
ANSC -6118	Metabolism of Primary Nutrients	2(2-0)
ANSC -6119	Incubation Principles and Hatchery Management	2(1-1)
ANSC -6120	Range Livestock Production	2(1-1)
ANSC -6121	Minerals and Vitamins in Nutrition	2(1-1)
		Total 19(12-7)
Semester-6		
ANSC -6122	Poultry Hygiene and Disease Prevention	2(1-1)
ANSC -6123	Introductory Population Genetics	2(1-1)
ANSC -6124	Introduction to Farm Animal Health	3(2-1)
ANSC -6125	Principles of Small Ruminant Production	2(1-1)
ANSC -6126	Nutrient Requirements of Farm Animals	3(2-1)
ANSC -6127	Rural Poultry Farming	3(2-1)
ANSC -6128	Principles of Milk Production	2(1-1)
ANSC -6129	Poultry Feeding Practices	3(2-1)
		Total 20(12-8)
Semester-7		
ANSC -6130	Animal Breeding Practices	3(2-1)
ANSC -6131	Poultry Farm Management	3(2-1)
ANSC -6132	Selection for Economic Traits in Farm Animals	2(1-1)
ANSC -6133	Feed Evaluation, Formulation and Processing Tech.	3(2-1)
ANSC -6134	Principles of Meat Production	3(2-1)
ANSC -6135	Physiology of Reproduction	3(2-1)
		Total 17(11-6)
Semester-8		
ANSC -6136	Research Project / Internship	3(0-3)
ANSC -6137	Capstone Project	3(0-3)
		Total 6(0-6)

MSc (Hons) Animal Nutrition

Eligibility: BSc(Hons) Animal Sciences, Animal Nutrition, Poultry Science, DVM, Dairy Science, Animal Breeding and Genetics and Livestock Manager (16 years of education) in the relevant field with CGPA 2.50/4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
ANNU-7101	Physiological and Biochemical Basis of Nutrition	3(3-0)
STAT-7153	Statistical Method for Animal Sciences Research-I	3(3-0)
ANNU-71xx	To be selected from the list	3(x-x)/4(x-x)
ANNU-71xx	To be selected from the list	3(x-x)/4(x-x)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13-14
Semester-2		
ANNU-7105	Analytical Techniques in Nutrition	4(0-6)
ANNU-7106	Research Methods in Nutrition	3(2-1)
ANNU-71xx	To be selected from the list	2(x-x)/3(x-x)
ANNU-71xx	To be selected from the list	3(x-x)/4(x-x)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13-14
Semester-3		
ANNU-7119	Special Problem	1(1-0)
ANNU-7120	Seminar	1(1-0)
		Total 2
Semester-4		
	Thesis	6(0-6)
		Total 6(0-6)

List of Elective Courses

ANNU-7102	Feed Resources and their Nutritive Value	3(2-1)
ANNU-7103	Vitamin in Nutrition	3(3-0)
ANNU-7104	Minerals Nutrition	3(2-1)
ANNU-7107	Protein Metabolism	3(3-0)
ANNU-7108	Energy Metabolism	3(3-0)
ANNU-7109	Lipids in Nutrition	3(3-0)
ANNU-7110	Advanced Analytical Techniques in Nutrition	3(0-3)
ANNU-7111	Poultry Feeds and Nutrition	4(3-1)
ANNU-7112	Ruminant Nutrition	4(3-1)
ANNU-7113	Feed Ingredient Storage and Processing	2(2-0)
ANNU-7114	Advanced Animal Feed Industry	3(2-1)
ANNU-7115	Molecular Nutrition and Nutrigenomics	2(2-0)
ANNU-7116	Metabolic Disorders	2(2-0)
ANNU-7117	Recent Advances in Nutrition	2(2-0)
ANNU-7118	Toxin and Antinutritional Factors in Feedstuffs	3(2-1)
ANNU-7121	Nutrition of Broilers	3(2-1)
ANNU-7122	Nutrition of Layers	3(2-1)
ANNU-7123	Nutrition of Dairy Animals	3(2-1)
ANNU-7124	Nutrition of Calves	3(2-1)
ANNU-7125	Nutrition of Small Ruminants	2(2-0)
ANNU-7126	Nutrition of Laboratory Animals	3(2-1)
ANNU-7127	Nutrition of Laboratory Animals	2(1-1)
ANNU-7128	Camel and Equine Nutrition	2(2-0)
ANNU-7129	Nutrition of Pet and Zoo Animals	3(3-0)
ANNU-7130	Fish Nutrition	2(2-0)

DEPARTMENT OF
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Dr. Muhammad Zeeshan Majeed
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Dr. Muhammad Arshad
Lecturer



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BSc (Hons) Agriculture (Entomology)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)

PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)
Semester-5		
ENTO-6103	Insect Morphology	3(2-1)
ENTO-6104	Principles of Insect Taxonomy	3(2-1)
ENTO-6105	Insect Ecology	3(2-1)
ENTO-6106	Insect Pests of Household, Man and Animals	3(2-1)
ENTO-6107	Insect Behavior	3(2-1)
ENTO-6108	Apiculture	3(2-1)
		Total 18(12-6)
Semester-6		
ENTO-6109	Insect Physiology	3(2-1)
ENTO-6110	Classification of Adult Insects	3(2-1)
ENTO-6111	Agricultural Pests and Their Management	3(2-1)
ENTO-6112	Stored Product Pests and Their Management	3(2-1)
ENTO-6113	Beneficial Insects	3(2-1)
ENTO-6114	Biological Control of Insect Pests	3(2-1)
ENTO-6115	Range and Forest Entomology	2(1-1)
		Total 20(13-7)
Semester-7		
ENTO-6116	Integrated Pest Management	3(2-1)
ENTO-6117	Plant Resistance to Insect Pests	3(2-1)
ENTO-6118	Insecticides and their Application	3(2-1)
ENTO-6119	Insects as Vectors of Diseases	3(2-1)
ENTO-6120	Agriculture & Environmental Pollution	3(2-1)
ENTO-6121	Scientific Writing and Presentation	3(2-1)
ENTO-6122	Citrus Entomology	3(2-1)
		Total 21(14-7)
Semester-8		
ENTO-6123	Field Experience / Internship	3(0-3)
ENTO-6124	Capstone Project	3(0-3)
		Total 6(0-6)

Post Graduate Diploma in Medical Entomology and Disease Vector Control (PGD-MEDVC)

Eligibility: The candidate should possess one of the following qualifications or an equivalent degree from a recognized university or accrediting body.
i. M.Sc./BSc/B.Sc (Hons)/MSc(Hons)/BS Degree in Agriculture/ Biology/ Zoology/ Microbiology/ Biochemistry/ Environmental Health Sciences/ Entomology/Agriculture Entomology / Nursing
ii. MBBS/DVM/D. Pharmacy
iii. Relevant MS Degree (In Biological and Bio Medical Sciences) + Departmental Test (at least 50% marks)
Duration: 9 Months
Semesters: 2
Diploma Requirements: 21 C/Hr.

Code	Course Title	C/Hr.
List of Coures		
ENTO-7117	Introduction to Medical Entomology	3(2-1)
ENTO-7118	Vector Biology and Ecology	3(2-1)
ENTO-7119	Vector-borne Disease Epidemiology	3(2-1)
ENTO-7120	Vector Control Strategies	3(2-1)
ENTO-7121	Public Health Entomology	3(2-1)
ENTO-7122	Internship and Project report	4(0-4)
		Total 19(10-9)
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

MSc (Hons) Entomology

Eligibility: BSc (Hons) Agriculture/ BS 4 Years or equivalent with major in Entomology/Agriculture Entomology (16 years of education) OR BS Zoology OR with any major in BSc (Hons) / BS Agriculture with minimum CGPA 2.50/4.00 + Departmental Test (at least 50% marks)
Duration: 1.5-4 Years
Semesters: 3-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
List of Deficiency Courses		
ENTO-6103	Insect Morphology	3(2-1)
ENTO-6105	Insect Ecology	3(2-1)
ENTO-6109	Insect Physiology	3(2-1)
ENTO-6110	Classification of Adult Insects	3(2-1)
ENTO-6111	Agricultural Pests and their Management	3(2-1)
ENTO-6112	Stored Product Pest and their Management	3(2-1)
ENTO-6116	Integrated Pest Management	3(2-1)
ENTO-6118	Insecticides and their Application	3(2-1)
List of Mandatory/Compulsory/Core Courses		
ENTO-7101	Research Methods in Entomology	3(2-1)
ENTO-7102	Insects in Relation to Plant Diseases	3(2-1)
ENTO-7103	Special Problem	1(1-0)
ENTO-7104	Seminar	1(1-0)
ENTO-7105	Insecticide Toxicology	3(2-1)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)
List of Elective Courses		
ENTO-7106	Environmental Entomology	3(2-1)
ENTO-7107	Insecticide Resistance and Management	3(2-1)
ENTO-7108	Molecular Entomology	3(2-1)
ENTO-7109	Medical and Veterinary Entomology	3(2-1)
ENTO-7110	Acarology	3(2-1)
ENTO-7111	Insecticide and Public Health	3(2-1)
ENTO-7112	Insect Biochemistry	3(2-1)

ENTO-7113	Pesticides Application Equipments	3(2-1)
ENTO-7114	Forensic Entomology	3(2-1)
ENTO-7115	Insect Rearing Techniques	3(2-1)
ENTO-7116	Insect Biotechnology	3(2-1)
ENTO-7117	Chemical Ecology of Insects	3(2-1)
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

PhD Entomology

Eligibility: MSc (Hons) Agriculture or equivalent with major in Entomology / Agriculture Entomology OR MS Zoology or with any major in MSc (Hons) Agriculture with minimum CGPA 3.00/4.00 (18 year of education) + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of Deficiency Courses		
ENTO-7101	Research Methods in Entomology	3(2-1)
ENTO-7102	Insects in Relations to Plant Diseases	3(2-1)
ENTO-7105	Insecticides Toxicology	3(2-1)
ENTO-7106	Environmental Entomology	3(2-1)
ENTO-7107	Insecticide Resistance and Management	3(2-1)
ENTO-7108	Molecular Entomology	3(2-1)
ENTO-7109	Medical and Veterinary Entomology	3(2-1)
ENTO-7110	Acarology	3(2-1)
ENTO-7111	Insecticide and Public Health	3(2-1)
ENTO-7112	Insect Biochemistry	3(2-1)
ENTO-7113	Chemical Ecology of Insects	3(2-1)
ENTO-7114	Forensic Entomology	3(2-1)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)
List of Mandatory/Compulsory/Core Courses		
ENTO-8101	Advances in Pest Management Research	3(2-1)
ENTO-8102	Advances in Insect Behavior	3(2-1)
ENTO-8103	Special Problem	1(1-0)
ENTO-8104	Seminar-I	1(1-0)
ENTO-8105	Seminar-II	1(1-0)
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)
List of Elective Courses		
ENTO-8106	Advanced Insect Ecology	3(2-1)
ENTO-8107	Advanced Insect Morphology	3(2-1)
ENTO-8108	Advanced Insect Physiology and Embryology	3(2-1)
ENTO-8109	Insect Nutrition	3(2-1)
ENTO-8110	Advances in Biological Control of Insect Pests	3(2-1)
ENTO-8111	Insect Pathology	3(2-1)
Thesis		
	Research and Thesis	
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)



DEPARTMENT OF
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Assistant Professor

Dr. Tariq Mahmood
Assistant Professor

Dr. Muhammad Talha bin Yousaf
Assistant Professor

BSc (Hons) Agriculture (Forestry)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)

PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)
Semester-5		
FWRW-6703	Silviculture-I	3(3-0)
FWRW-6704	Tree Eco-Physiology	3(2-1)
FWRW-6705	Agroforestry	3(2-1)
FWRW-6706	Wood Scientific and Technology	3(2-1)
FWRW-6707	Forest Accounts and Procedure	3(2-1)
FWRW-6708	Ecotourism and Park Management	2(2-0)
FWRW-6709	Forest Ecology	2(2-0)
		Total 18(15-3)
Semester-6		
FWRW-6710	Silviculture-II	3(2-1)
FWRW-6711	Forest Management	3(2-1)
FWRW-6712	Watershed Management	3(2-1)
FWRW-6713	Forestry and Climate Change	3(3-0)
FWRW-6714	Forest Utilization	3(3-0)
FWRW-6715	Biodiversity Conservation	3(2-1)
FWRW-6716	Forest Resource Economics	2(2-0)
		Total 25(16-4)
Semester-7		
FWRW-6717	Range Management	3(2-1)
FWRW-6718	Wildlife Management	3(2-1)
FWRW-6719	Forest Biometrics	3(2-1)
FWRW-6720	Introduction to GIS and Remote Sensing	3(2-1)
FWRW-6721	Forest Policy and Law	3(3-0)
FWRW-6722	Forest Protection	3(2-1)
FWRW-6723	Research Methods in Forestry	3(2-1)
		Total 21(16-6)
Semester-8		
FWRW-6724	Capstone Project	3(0-3)
FWRW-6725	Field Experience / Internship	3(0-3)
		Total 6(0-6)

BS in Forestry

Eligibility: At least 45% marks in SSC & HSSC/F.Sc (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent.
Duration: 4 Years
Semesters: 8
Degree Requirements: 146 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FRST-5701	Introduction to Forestry & Watershed Management	2(1-1)
FRST-5702	Introduction to Range and Wildlife Management	2(1-1)
		Total 21(16-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
BOTN-5102	Plant Systematics, Anatomy and Dev./ Embryology	4(3-1)
FRST-5703	Forest Economics	2(2-0)
FRST-5704	Fundamentals of Agroforestry	3(2-1)
FRST-5705	Sustainable Land Management	3(3-0)
		Total 20(18-2)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
AGRO-5901	Basic Agriculture	2(1-1)
FRST-5706	Introductory Forest Ecology	2(2-0)
FRST-5707	Forest Entomology	3(2-1)
FRST-5708	Forest Pathology	3(2-1)
FRST-5709	Field Tours	2(0-2)
		Total 21(15-6)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
FRST-5710	Basic Plant Physiology and Morphology	3(2-1)
FRST-5711	Essentials of Rangeland Management	3(2-1)
FRST-5712	Forest Genetics	3(3-0)
FRST-5713	Forestry Extension	3(3-0)
		Total 19(16-3)
Semester-5		
FRST-6714	Forest Survey and Levelling	3(2-1)
FRST-6715	Landscaping and Urban Forestry	3(2-1)
FRST-6716	Basic Silviculture	3(3-0)
FRST-6717	Forest Hydrology	3(2-1)
FRST-6718	Utilization of Forest Produce	3(3-0)
FRST-6719	Biodiversity and Environment	3(2-1)
FRST-6720	Agroforestry Systems	2(2-0)
		Total 20(17-3)

Semester-6		
FRST-6721	Wood Science	3(2-1)
FRST-6722	Forest Accounting and Office Management	2(2-0)
FRST-6723	Applied Silviculture	3(2-1)
FRST-6724	Environmental Forestry	3(3-0)
FRST-6725	Wildlife Conservation	3(2-1)
FRST-6726	Forest Measurements	3(2-1)
FRST-6727	Forest, Range and Wildlife: Policies and Laws	3(3-0)
		Total 20(16-4)
Semester-7		
FRST-6728	Remote Sensing and GIS in Forestry	3(2-1)
FRST-6729	Research Methods and Scientific Writing	3(2-1)
FRST-6730	Sustainable Forest Management	3(3-0)
FRST-6731	Forest Working Plan	4(2-2)
FRST-6732	Forest Engineering	3(2-1)
FRST-6733	Range Vegetation-Livestock Interactions	3(3-0)
		Total 19(14-5)
Semester-8		
FRST-6734	Capstone Project	3(0-3)
FRST-6325	Field Experience / Internship	3(0-3)
		Total 6(0-6)

MSc (Hons) in Forestry

Eligibility: BSc (Hons) / BS (4 Years) or equivalent (16 Years of Education) in the relevant discipline with minimum CGPA 2.50/4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
List of Deficiency Courses		
FWRW-6703	Silviculture-I	3(3-0)
FWRW-6726	Agroforestry Systems	2(2-0)
FWRW-6710	Silviculture-II	3(2-1)
FWRW-6727	Sustainable Forest Management	3(3-0)
FWRW-6714	Forest Utilization	3(3-0)
FWRW-6719	Forest Biometrics	3(2-1)
List of Mandatory/Compulsory/Core Courses		
FWRW-7101	Forest Resource Management	3(3-0)
FWRW-7103	Silviculture of Farm Trees	3(2-1)
FWRW-7121	Forestry and Range Research Methods	3(2-1)
STAT-7151	Statistical Methods for Agriculture Research-I	3(3-0)
FWRW-7109	Special Problem-I	1(1-0)
FWRW-7110	Seminar-I	1(1-0)
FWRW-7122	Research and Thesis	6(0-6)

List of Elective Courses		
FWRW-7102	Advances in Forest Ecology	3(3-0)
FWRW-7104	Forestry and Environment	3(3-0)
FWRW-7105	Grazing Management of Rangelands	3(3-0)
FWRW-7106	Free Crop Volume Measurement	3(2-1)
FWRW-7107	Advances in Forest Utilization	3(3-0)
FWRW-7108	Advances in Wood Science	3(2-1)
FWRW-7111	Advances in Agroforestry	3(2-1)
FWRW-7112	Agroforestry as a Business Enterprise	3(2-1)
FWRW-7113	Range Vegetation Manipulation and Management	3(3-0)
FWRW-7114	Developments in Watershed Management	3(3-0)
FWRW-7115	Forest Soil and Water Conservation	3(2-1)
FWRW-7116	Forest Diseases and Pest Management	3(2-1)
FWRW-7117	Ecosystems resilience to Changing Climate	3(3-0)
FWRW-7118	Forest and Wildlife Conservation	3(3-0)
FWRW-7119	Urban Wildlife	3(2-1)
FWRW-7120	Biofuel and Bioenergy	3(3-0)
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)





PhD in Forestry

Eligibility: MS/MSc (Hons)/MPhil (18 years of education) in the relevant discipline with minimum CGPA 3.00/4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of Deficiency Courses		
FWRW-7101	Forest Resource Management	3(3-0)
FWRW-7102	Advances in Forest Ecology	3(3-0)
FWRW-7103	Silviculture of Farm Trees	3(2-1)
FWRW-7104	Forestry and Environment	3(3-0)
FWRW-7105	Grazing Management of Rangelands	3(3-0)
FWRW-7106	Tree Crop Volume Management	3(2-1)
FWRW-7107	Advances in Forest Utilization	3(3-0)
FWRW-7111	Advances in Agroforestry	3(2-1)
FWRW-7114	Developments in Watershed management	3(3-0)
FWRW-7115	Forest Soil and Water Conservation	3(2-1)
FWRW-7116	Forest Diseases and Pest Management	3(2-1)
FWRW-7117	Ecosystem Resilience to Changing Climate	3(3-0)
FWRW-7118	Forest and Wildlife Conservation	3(3-0)
FWRW-7121	Forestry and Range Research Methods	3(2-1)
List of Mandatory/Compulsory/Core Courses		
FWRW-8102	Forest and Climate Change: Adaptation & Mitigation	3(3-0)
FWRW-8121	Research methods and Communication in Forestry	3(3-0)
FWRW-8131	Statistical methods for Agricultural Research-II	3(3-0)
FWRW-8109	Special Problem	1(1-0)
FWRW-8110	Seminar-I	1(1-0)
FWRW-8124	Seminar-II	1(1-0)
List of Elective Courses		
FWRW-8101	Forest Silviculture for Planting on Special Sites	3(2-1)
FWRW-8103	Range Vegetation Ecology	3(2-1)
FWRW-8104	Protected Areas Management	3(2-1)
FWRW-8105	Precision Forestry	3(3-0)
FWRW-8106	Advanced Agroforestry	3(2-1)
FWRW-8107	Value-added Agroforetry Products	3(2-1)
FWRW-8108	Pastoral Communities and Rage Development	3(3-0)
FWRW-8111	Drought Management in Rangelands	3(3-0)
FWRW-8112	Techniques for Carbon Stocks and Flux Assessments in Forests	3(2-1)
FWRW-8113	Global Environmental Policies	3(3-0)
FWRW-8114	Forest and Range Resource Evaluation	3(2-1)
FWRW-8115	Principles of Forest Genetics	3(2-1)
FWRW-8116	Advanced Forest Genetics	3(2-1)
FWRW-8117	Forest Microbiology	3(2-1)
FWRW-8118	Wood Anatomy and Properties	3(2-1)
FWRW-8119	Wetland Wildlife Management	3(2-1)
FWRW-8120	Applications of GIS and Remote Sensing in Forestry	3(2-1)
FWRW-8122	Forest Recreation and Park Management	3(3-0)
Thesis	Thesis	
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)



DEPARTMENT OF
HORTICULTURE



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Shahid Iqbal
Assistant Professor (on deputation)

Dr. Tehseen Ashraf
Assistant Professor

Shahla Rashid
Lecturer

Dr. Muhammad Zubair
Lecturer

BSc (Hons) Agriculture (Horticulture)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)

PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)
Semester-5		
HORT-6603	Principles of Fruit Production	3(2-1)
HORT-6604	Principles of Vegetables Production	3(2-1)
HORT-6605	Principles of Ornamental Crop Production	3(2-1)
HORT-6606	Propagation and Nursery Management	3(1-2)
HORT-6607	In Vitro Propagation	3(2-1)
HORT-6608	Protected Horticulture	3(2-1)
		Total 18(11-7)
Semester-6		
HORT-6609	Tropical and Sub-Tropical Fruits	3(2-1)
HORT-6610	Summer Vegetables	3(2-1)
HORT-6611	Landscape Horticulture	3(2-1)
HORT-6621	Project Planning and Scientific Writing	2(1-1)
HORT-6613	Post-Harvest Horticulture	3(2-1)
HORT-6614	Business Management in Horticulture	2(2-0)
HORT-6615	Indoor Plant Culture and Interior-scaing	3(2-1)
		Total 19(13-6)
Semester-7		
HORT-6616	Research Methods in Horticulture	3(1-2)
HORT-6617	Temperate Fruits	3(2-1)
HORT-6618	Winter Vegetables	3(2-1)
HORT-6619	Commercial Flower Production	3(2-1)
HORT-6620	Breeding of Horticultural Crop	3(2-1)
HORT-6622	Vegetables and Flower Seed Production	3(2-1)
HORT-6612	Medicinal and Aromatic Plants	3(2-1)
		Total 21(13-8)

Semester-8		
HORT-6623	Capstone Project	3(0-3)
HORT-6624	Field Experience / Internship	3(0-3)
		Total 6(0-6)

MSc (Hons) Horticulture

Eligibility: BSc (Hons) / BSc 4 Years or equivalent (16 Years of Education) with any major in Agriculture with minimum CGPA 2.50/4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Postgraduate Courses		
HORT-7101	Mineral Nutrition of Horticultural Crops	3(2-1)
HORT-7102	Plant Tissue Culture	3(1-2)
HORT-7103	Prospective Horticultural Crops	3(2-1)
HORT-7104	Rootstocks for Horticultural Crops	3(2-1)
HORT-7105	Citriculture	3(2-1)
HORT-7106	Mango and Date Palm Culture	3(2-1)
HORT-7107	Minor Fruits	3(2-1)
HORT-7108	Solanaceous Crops	3(2-1)
HORT-7109	Special Problem	1(1-0)
HORT-7110	Seminar	1(1-0)
HORT-7111	Spices and Condiments	3(2-1)
HORT- 7112	Mushroom Biology and Technology	3(2-1)
HORT-7113	Landscape Designs	3(2-1)
HORT-7114	Horticultural Seed Science and Technology	3(2-1)
HORT-7115	Physiology of Horticultural Crops	3(2-1)
HORT-7116	Post-Harvest Physiology	3(2-1)
HORT-7117	Nursery Management of Horticultural Plants	3(2-1)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

PhD Horticulture

Eligibility: MSc (Hons) Horticulture with any major in Agriculture with minimum CGPA 3.00/4.00 + + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Postgraduate Courses		
HORT-8101	Plant Growth Regulators	3(2-1)
HORT-8102	Environmental Horticulture	3(2-1)
HORT-8103	Fruit Breeding	3(2-1)
HORT-8104	Vegetable Breeding	3(2-1)
HORT-8105	Vegetable Seed Production and Marketing	3(2-1)
HORT-8106	Turf Grass Management	3(2-1)
HORT-8107	Advanced Fruit Science	3(2-1)
HORT-8108	Advanced Vegetable Science	3(2-1)
HORT-8109	Special Problem	1(1-0)
HORT-8110	Seminar	1(1-0)
HORT-8111	Landscape Ecology	3(2-1)
HORT-8112	Biotechnology of Horticulture Crops	3(2-1)
HORT-8113	Horticultural Production Under Abiotic Stresses	3(2-1)
STAT-8131	Statistical methods for Agriculture Research-II	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

DEPARTMENT OF PLANT BREEDING AND GENETICS



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Assistant Professor

Dr. Samrin Gul
Assistant Professor

Dr. Saba Tabasum
Assistant Professor

Muhammad Shehzad
Lecturer

BSc (Hons) Agriculture (Plant Breeding & Genetics)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)

PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)
Semester-5		
PLBG-6203	Principles of Genetics	3(2-1)
PLBG-6204	Breeding Field Crops	3(2-1)
PLBG-6205	Cytogenetics	3(2-1)
PLBG-6206	Fundamentals of Plant Biometry	3(2-1)
PLBG-6207	Breeding Cereal Crops	3(2-1)
PLBG-6208	Breeding Cibre Crop	3(2-1)
		Total 18(12-6)
Semester-6		
PLBG-6209	Breeding Sugar Crops	3(2-1)
PLBG-6210	Breeding Maize and Millets	3(2-1)
PLBG-6211	Biodiversity and Plant Genetics Resources	3(3-0)
PLBG-6212	Molecular Genetics	3(2-1)
PLBG-6213	Breeding Oilseed Crops	3(2-1)
PLBG-6214	Breeding Pulse Crops	3(2-1)
PLBG-6215	Breeding Vegetables Crops	3(2-1)
		Total 21(15-6)
Semester-7		
PLBG-6216	Modern Techniques in Plant Breeding	3(2-1)
PLBG-6217	Experimentation in Plant Breeding	3(2-1)
PLBG-6218	Fundamentals of Research & Scientific Writing	3(2-1)
PLBG-6219	Breeding Fodder and Forage Crops	3(2-1)
PLBG-6220	Breeding Minor Crops	3(2-1)
PLBG-6221	Crop Variety Registration and Intellectual Property Rights	2(2-0)
PLBG-6222	Genetics in Agriculture	3(2-1)
		Total 20(14-6)
Semester-8		
PLBG-6223	Research Project / Internship	3(0-3)
PLBG-6224	Capstone Project	3(0-3)
		Total 6(0-6)

BSc (Hons) Seed Science and Technology

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 2 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)
PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)
Semester-5		
SDST-6101	Principles Seed Science & Technology	3(2 1)
SDST-6102	Physiology of Seed Development	3(2 1)
SDST-6103	Seed Production in Various Crops	3(2 1)
SDST-6104	Seed Health and Vigor	3(2 1)
SDST-6105	Seed Production of Transgenic Crops	3(2 1)
ENTO-6112	Stored Product Pest and their Management	3(2 1)

AGRO-6903	Agro-Technology of major crops	2(1 1)
		Total 20(13-7)
Semester-6		
SDST-6106	Principals of Seed Technology	3(2 1)
SDST-6107	Seed Germination and Dormancy	3(2 1)
SDST-6108	Seed Certification and Registration	3(2 1)
SDST-6109	Biological Potential of Various Crops	3(2 1)
PLBG-6221	Crop Variety Reg. & Intellectual Property Rights	2(2 0)
PLBG-6211	Biodiversity and Plant Genetic Resources	3(3-0)
PLBG-6212	Molecular Genetics	3(2-1)
		Total 20(15-5)
Semester-7		
SDST-6110	Seed Testing	3(2-1)
SDST-6111	Seed Storage	3(2 1)
SDST-6112	Seed Enhancement	3(2 1)
SDST-6113	Bio-Safety Measures in Crop Management	3(2-1)
SDST-6114	Research Methods & Scientific Writing	2(1-1)
PLBG-6222	Genomics in Agriculture	2(1 1)
PLBG-6216	Modern Techniques in Plant Breeding	3(2-1)
		Total 19(12-7)
Semester-8		
SDST-6115	Field Experience / Internship	3(0-3)
SDST-6116	Capstone project	3(0-3)
		Total 6(0-6)

MSc (Hons) Plant Breeding and Genetics

Eligibility: BSc (Hons) / BSc 4 Years or equivalent (16 Years of Education) with any major in Agriculture with minimum CGPA 2.50/4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Core Courses		
PLBG 7101	Principles of Plant Breeding	3(2-1)
PLBG 7102	Advanced Genetics	3(3-0)
PLBG 7103	Molecular Plant Breeding	3(2-1)
PLBG 7104	Cytogenetics of Crop Plants	3(2-1)
PLBG-7105	Breeding and Genetics of Fodder Crops	3(2-1)
PLBG-7106	Mutation Breeding	3(2-1)
PLBG-7107	Cotton Genetics and Breeding	3(2-1)
PLBG-7108	Genetics and Breeding of Sugar Crops	3(2-1)
PLBG-7109	Special Problem	1(1-0)
PLBG 7110	Seminar	1(1-0)
PLBG-7111	Genetic Engineering in Plants	3(2-1)
PLBG-7112	Genetics of Plant Disease and Insect Resistance	3(2-1)
PLBG-7113	Development of Hybrid and Seed Production	3(2-1)
PLBG-7114	Biometrical Techniques in Plant Breeding	3(2-1)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

PhD Plant Breeding and Genetics

Eligibility: MSc (Hons) Plant Breeding and Genetics or with any major in Agriculture with minimum CGPA 3.00/4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Core Courses		
PLBG-8101	Breeding for Stress Environments	3(2-1)
PLBG-8102	Population Genetics	3(3-0)
PLBG-8103	Cereal Genetics and Breeding	3(2-1)
PLBG-8104	Genetics and Breeding of Oilseed Crops	3(2-1)
PLBG-8105	Evolution of Field Crops	3(3-0)
PLBG-8106	Advanced Cytogenetics	3(3-0)
PLBG-8107	Plant Genomics	3(2-1)
PLBG-8108	Advanced Methods in Plant Breeding	3(2-1)
PLBG-8109	Special Problem	1(1-0)
PLBG 8110	Seminar (twice for PhD course work)	1(1-0)
STAT-8152	Statistical Methods for Agricultural Research	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

I am student of 8th semester of the Plant Breeding and Genetics in the College of Agriculture, University of Sargodha. The courses I have studied, are very interesting. These enhanced my intellectual curiosity. Teachers of our department are very dedicated professionals. We perform curriculum and co-curriculum activities in a well organized manner. Our department provides us a safe, professional and friendly learning environment.

Saba Saher, BSc (Hons) Plant Breeding and Genetics

DEPARTMENT OF PLANT PATHOLOGY



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Professor / Chairperson

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Professor

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Assistant Professor

Dr. Salman Ahmad
Assistant Professor

Dr. Hina Safdar
Assistant Professor

Dr. Muhammad Ahmad Zeshan
Assistant Professor

Dr. Asma Safdar
Assistant Professor

BSc (Hons) Agriculture (Plant Pathology)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)

PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)

Semester-5

PLPT-6303	Introductory Mycology	4(3-1)
PLPT-6304	Introduction to Plant Parasitic Nematodes	3(2-1)
PLPT-6305	Introduction to Plant Prokaryotes	3(2-1)
PLPT-6306	Introduction to Plant Virus	3(2-1)
PLPT-6307	Abiotic Diseases of Plants	2(1-1)
PLPT-6308	Diseases of Field Crops	3(2-1)
		Total 18(12-6)

Semester-6

PLPT-6309	Diseases of Fruits and Ornamentals	3(2-1)
PLPT-6310	Introductory Range and Forest Pathology	2(1-1)
PLPT-6311	Plant Diseases Epidemiology	3(2-1)
PLPT-6312	Beneficial Microorganisms for Sustainable Agriculture	3(2-1)
PLPT-6313	Diseases of Vegetables Crops	3(2-1)
PLPT-6314	Plant Quarantine and SPS Measures	3(3-0)
PLPT-6315	Seed and Postharvest Pathology	3(2-1)
		Total 20(14-6)

Semester-7

PLPT-6316	Methods and Techniques in Plant Pathology	3(1-3)
PLPT-6317	Pesticides, their Action and Application	3(2-1)
PLPT-6318	Soil-borne Plant Pathogens	3(2-1)
PLPT-6319	Microbial Culturing, Identification and Preservation	3(1-2)
PLPT-6320	Plant Microbiomes	3(2-1)
PLPT-6321	Introductory Molecular Plant Pathology	3(2-1)
PLPT-6322	Plant Resistance to Diseases	3(2-1)
		Total 21(12-9)

Semester-8

PLPT-6323	Research Project / Internship	3(0-3)
PLPT-6324	Capstone Project	3(0-3)
		Total 6(0-6)

MSc (Hons) Plant Pathology

Eligibility: Bsc (Hons) / BSc 4 Years or equivalent (16 Years of Education) with any major in Agriculture with minimum CGPA 2.50/4.00 Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Postgraduate Courses		
PLPT-7101	Mycology-I	3(2-1)
PLPT-7102	Mycology-II	3(2-1)
PLPT-7104	Fungal Plant Pathology	3(2-1)
PLPT-7105	Plant Virology	3(2-1)
PLPT-7106	Plant Bacteriology	3(2-1)
PLPT-7107	Plant Nematology	3(2-1)
PLPT-7108	Seed Pathology	3(2-1)
PLPT-7109	Special Problem	1(1-0)
PLPT-7110	Seminar	1(1-0)
PLPT-7111	Integrated Plant Disease Management	3(2-1)
PLPT-7112	Vector Transmission of Plant Diseases	3(2-1)
PLPT-7113	Forest and Shade Tree Pathology	3(2-1)
PLPT-7114	Biological Control of Plant Pathogens	3(2-1)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

PhD Plant Pathology

Eligibility: MSc (Hons) Plant Pathology or with any major in Agriculture with minimum CGPA 3.00/4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Postgraduate Courses		
PLPT-8101	Ecology and Epidemiology of Plant Diseases	3(2-1)
PLPT-8102	Biochemistry and Physiology of Diseased Plants	3(2-1)
PLPT-8103	Genetics of Plant Pathogens	3(3-0)
PLPT-8104	Post-harvest Pathology	3(2-1)
PLPT-8105	Advances in Plant Pathology	3(3-0)
PLPT-8106	Molecular Plant Virology	3(2-1)
PLPT-8107	Molecular Plant Microbe Interactions	3(2-1)
PLPT-8108	Bioinformatics in Plant Pathology	3(2-1)
PLPT-8109	Special Problem	1(1-0)
PLPT-8110	Seminar-I	1(1-0)
PLPT-8111	Plant Pathology and Environmental Concerns	3(3-0)
PLPT-8112	Plant Pathology and International Obligations	3(3-0)
PLPT-8113	Seminar-II	1(1-0)
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)

DEPARTMENT OF **SOIL AND ENVIRONMENTAL SCIENCES**



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Professor

Dr. Mukkram Ali Tahir
Associate Professor

Dr. Noor-us-Sabah
Assistant Professor

Dr. Muhammad Mazher Iqbal
Assistant Professor

Dr. Syed Ayyaz Javed
Assistant Professor (IPFP)

BSc (Hons) Agriculture (Soil Science)

Eligibility: At least 50% marks in SSC & HSSC (Part-I / II) Pre-Medical / Pre-Engineering or Equivalent. "Quota for Diploma in Agricultural Sciences = 11 Seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran - I	1(0-1)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	2(1-1)
SAES-5801	Introduction to Soil Science-I	2(1-1)
FWRW-5701	Introduction to Forest and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
		Total 20(15-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ANSC-5101	Introduction to Animal Husbandry	3(2-1)
AGRO-5902	General Crop Production	2(1-1)
SAES-5802	Introduction to Soil Science-II	2(1-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 21(17-4)
Semester-3		
URCG-5130	Understanding of Holy Quran–II	1(0-1)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PLBG-5201	Introductory Genetics	2(1-1)
ENTO-5101	Introductory Entomology	2(1-1)
PLPT-5301	Introduction to Plant Pathogens	2(1-1)
AGEC-5501	Principles of Agricultural and Resource Economics	2(2-0)
HORT-5601	Introductory Horticulture	2(1-1)
		Total 21(16-5)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
PLBG-5202	Introductory Plant Breeding	2(1-1)
ENTO-5102	Applied Entomology	2(1-1)

PLPT-5302	Introductory Plant Pathology	2(1-1)
AGEC-5502	Agribusiness Management and Marketing	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
		Total 21(15-6)

Semester-5

SAES-6803	Physical Properties of Soil	3(2-1)
SAES-6804	Chemical Properties of Soil	3(2-1)
SAES-6805	Instrumentation and Laboratory Techniques	3(1-2)
SAES-6806	Soil Genesis and Morphology	3(2-1)
SAES-6807	Plant Growth under Stress Environment	2(2-0)
SAES-6808	Soil Fertility Evaluation	3(3-0)
SAES-6809	Soil and Water Conservation	3(3-0)
		Total 20(15-5)

Semester-6

SAES-6810	Soil Fertility and Fertilizer Use	3(2-1)
SAES-6811	Soil Survey and Land Evaluation	3(2-1)
SAES-6812	Salt-Affectd Soils and Water Quality	3(2-1)
SAES-6813	Nutrient Management in Degraded Soil	3(3-0)
SAES-6814	Carbon Sequestration in Soil	3(3-0)
SAES-6815	Soil Microbiology	3(2-1)
SAES-6816	Environmental Pollution and Management	3(3-0)
		Total 21(15-6)

Semester-7

SAES-6817	Research Project and Scientific Writing	3(2-1)
SAES-6818	Trace Elements in Agriculture	3(2-1)
SAES-6819	Saline Agriculture	3(3-0)
SAES-6820	Soil - Water - Plant Relationship	3(3-0)
SAES-6821	Land Degradation and Management	3(3-0)
SAES-6822	Municipal and Agro Waste Management	3(3-0)
		Total 18(16-2)

Semester-8

SAES-6823	Research Project / Internship	3(0-3)
SAES-6824	Capstone Project	3(0-3)
		Total 6(0-6)

MSc (Hons) Soil Science

Eligibility: BSc (Hons) / BSc 4 Years or equivalent (16 Years of Education) with any major in Agriculture with minimum CGPA 2.50/4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Compulsory Courses		
SAES-7101	Principles and Uses of Laboratory Equipment	3(0-3)
SAES-7102	Soil Chemistry	3(2-1)
SAES-7109	Special Problem	1(1-0)
SAES-7110	Seminar	1(1-0)
SAES-7103	Soil Fertility and Plant Nutrition	3(2-1)
SAES-7104	Soil Microbiology and Biochemistry	3(2-1)
SAES-7151	Statistical Methods for Agricultural Research-I	3(3-0)
List of Elective Courses		
SAES-7107	Soil Physics	3(2-1)
SAES-7105	Soil Classification	3(2-1)
SAES-7106	Salt-Affected and Waterlogged Soils	3(3-0)
SAES-7108	Soil Mineralogy	3(3-0)
SAES-7111	Soil-Plant Relationship	3(3-0)
SAES-7112	Principles and Application of Bioremediation	3(3-0)
SAES-7113	Soil Ecology	3(3-0)

List of Deficiency Courses

SAES-6803	Physical Properties of Soil	3(2-1)
SAES-6804	Chemical Properties of Soil	3(2-1)
SAES-6806	Soil Genesis and Morphology	3(2-1)
SAES-6810	Soil Fertility and Fertilizer Use	3(2-1)
SAES-6812	Salt-Affected Soils and Water Quality	3(2-1)
SAES-6815	Soil Microbiology	3(2-1)



PhD Soil Science

Eligibility: MSc (Hons) Soil Science or with any major in Agriculture with minimum CGPA 3.00/4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Deficiency Courses of Level-7		
SAES-7102	Soil Chemistry	3(2-1)
SAES-7103	Soil Fertility and Plant Nutrition	3(2-1)
SAES-7104	Soil Microbiology and Biochemistry	3(2-1)
SAES-7106	Salt-A Affected and Waterlogged Soils	3(3-0)
SAES-7107	Soil Physics	3(2-1)
List of Mandatory/Compulsory/Core Courses		
SAES-8101	Advanced Soil Chemistry	3(3-0)
SAES-8102	Advanced Soil Fertility	3(3-0)
SAES-8103	Advanced Soil Microbiology	3(3-0)
SAES-8105	Advanced Research Methods and Technical Writing	3(3-0)
List of Elective Courses		
SAES-8104	Advanced Soil Physics	3(3-0)
SAES-8106	Advanced Techniques in Bioremediation	3(3-0)
SAES-8107	Integrated Nutrient Management	3(3-0)
SAES-8108	Organic Agriculture	3(3-0)
SAES-8109	Special Problem	1(1-0)
SAES-8110	Seminar I & II	1(1-0)
SAES-8111	Soil Quality and Management	3(3-0)
SAES-8112	Nutrient Acquisition and Transport	3(3-0)
SAES-8113	Biochar: Concept and Application	3(3-0)
SAES-8114	Waste Water Impact on Soil Health	3(3-0)
SAES-8152	Statistical Methods for Agricultural Research-II	3(3-0)



INSTITUTE OF FOOD SCIENCE AND NUTRITION



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Dr. Kashif Ameer
Assistant Professor

Dr. Muhammad Yousaf Quddoos
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Assistant Professor

Dr. Ammara Ainee
Assistant Professor

Dr. Hafiz Rizwan Sharif
Assistant Professor

Jannat Sultan
Lecturer

Dr. Hassan Shabbir
Lecturer

Samina Kauser
Lecturer

Dr. Muhammad Awais Saleem
Lecturer

B.Sc. (Hons.) Food Science and Technology

Eligibility: At least 50% marks in SSC & HSSC (Part-I/II) Pre-Medical / Pre-Engineering or Equivalent.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information Communication Technologies (ICT)	3(2-1)
AGRO-5903	Introductory Agriculture	3(2-1)
BIOT-5111	Microbiology	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
FSAT-5102	Elements of Food and Nutrition	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 21(16-5)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epics	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
BUSB-5103	Introduction to Business	3(3-0)
ENTO-5102	Applied Entomology	2(1-1)
FSAT-5103	Food Processing and Preservation	3(2-1)
FSAT-5104	Community Nutrition	3(3-0)
		Total 21(19-2)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
HORT-5602	Horticultural Crop Production	2(1-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
FSAT-5105	Unit Operations in Food Processing	3(3-0)
FSAT-5106	Food Packaging	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 19(17-2)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
FSAT-5107	Plant Design and Food Safety	3(3-0)
FSAT-5108	Fundamental of Food Systems	3(3-0)
FSAT-5109	Food Biochemistry	3(3-0)
FSAT-5110	Confectionery and Snack Foods	2(2-0)
		Total 18(17-1)

Semester-5		
FSAT-6111	Food Analysis and Sensory Evaluation	3(1-2)
FSAT-6112	Food Microbiology	3(2-1)
FSAT-6113	Food Process Engineering	3(3-0)
FSAT-6114	Fruit and Vegetable Processing	3 (2-1)
FSAT-6115	Milk Handling and Processing	3(2-1)
FSAT-6116	Introduction to Cereal Technology	3(2-1)
		Total 18(12-6)
Semester-6		
FSAT-6117	Food Biotechnology	3(2-1)
FSAT-6118	Poultry, Egg and Sea Food Technology	3(2-1)
FSAT-6119	Baking Science and Technology	3(2-1)
FSAT-6120	Post-Harvest Technology	3(2-1)
FSAT-6121	Dairy Technology	3(2-1)
FSAT-6122	Beverage Technology	3(2-1)
		Total 18(12-6)
Semester-7		
FSAT-6123	Food Product Development and Service Management	3(2-1)
FSAT-6124	Technology of Oils and Fats	3(2-1)
FSAT-6125	Meat Technology	3(2-1)
FSAT-6126	Sugar Technology	3(2-1)
FSAT-6127	Food Quality Management	3(3-0)
FSAT-6128	Introduction to Research and Scientific Writing	2(1-1)
		Total 17(12-5)
Semester-8		
FSAT-6129	Internship	3(0-3)
FSAT-6130	Research / Capstone Project	3(0-3)
		Total 6(0-6)

M.Sc. (Hons.)
Food Science and Technology

Eligibility:
The candidate must have passed any one of the following degree with at least 2.0 CGPA - Institutional Test (at least 50% marks)

1. BSc (Hons) Food Science and Technology
2. BSc (Hons) Agriculture (Major: Food Technology)
3. BSc (Hons) Food Science and Nutrition (Major: Food Science and Technology)
4. BSc (Hons) Dairy Technology *

* Subject to take deficiency courses as per requirement

Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work - 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Major Courses		
FSAT-7101	Food Quality Assurance Management	3(3-0)
FSAT-7102	Food Additives	3(3-0)
FSAT-7103	Dairy Processing-I	3(2-1)
FSAT-7104	Meat Science	3(2-1)
FSAT-7105	Post Harvest Management	3(3-0)
FSAT-7106	Food Industrial Waste Management	3(3-0)
FSAT-7107	Food Packaging	3(2-1)
FSAT-7108	Baking Science and Technology	3(2-1)
FSAT-7109	Food Enzymology	3(3-0)
FSAT-7110	Starch Chemistry and Technology	3(3-0)
FSAT-7111	Physical Properties of Food	3(2-1)
FSAT-7112	Milling of Cereals	3(2-1)
FSAT-7113	Food Toxicology	3(3-0)
FSAT-7114	Chemistry of Edible Oils and Fats	3(2-1)
FSAT-7115	Advances in Sustainable Food System	3(3-0)
FSAT-7116	Seminar	1(1-0)
FSAT-7117	Special Problem	1(1-0)
Minor/Allied Course		
STAT-7151	Statistical Methods for Agricultural Research-I (Compulsory)	3(3-0)
General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)

1.Major courses may be offered during M. Sc. (Hons.) Food Science and Technology degree program depending upon the availability of faculty and resources.

2.Other Minor/Allied courses can be taken (as per requirement) from the following departments/subjects to be offered by the respective departments in running semester/s:

- Chemistry / Biochemistry
- Agricultural Sciences
- Biological Sciences
- Animal Sciences
- Pharmacy
- Biotechnology
- Business Management

3.A student will have to complete 2/3rd credit hours from the Major courses and 1/3rd credit hours from the Minor/Allied courses.



M.Sc. (Hons.) Food and Nutrition

Eligibility:

The candidate must have passed any one of the following degree with at least 2.0 CGPA / 1st Division - Institutional Test (at least 50% marks)

1. BSc (Hons) Food Science and Technology
2. BSc (Hons) Agriculture (Major Food Technology)
3. BSc (Hons) Food Science and Nutrition
4. MSc Food and Nutrition / Community Health and Nutrition / Human Nutrition
5. BS / BSc (Hons) Home Economics (Major: Food and Nutrition with F.Sc. Pre-Medical / Pre-Engineering)
6. BS / BSc (Hons) Food and Nutrition / Human Nutrition / Clinical Nutrition / Nutrition and Dietetics / Nutrition / B.Sc, (Hons.) Nutrition
7. BS / BSc (Hons) Human Nutrition and Dietetics / Doctor of Human Nutrition and Dietetics / BS Dietetics and Nutritional Sciences
8. Graduation in Medical Sciences (HEC approved degrees; MBBS, BHMS, BEMS) *
9. BS / BSc (Hons) Nursing (4 years degree program after FSc Pre-Medical) * * Subject to take deficiency courses as perrequirement

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 26 C/Hr. Course Work - 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Major Courses		
FANU-7101	Physiology and Biochemistry of Human Nutrition	3(3-0)
FANU-7102	Advanced Human Physiology	3(3-0)
FANU-7103	Analytical Techniques in Food and Nutrition	3(0-3)
FANU-7104	Dietetics and Applied Nutrition	3(2-1)
FANU-7105	Research Methods in Food and Nutrition	3(3-0)
FANU-7106	Metabolism of Bioactive Nutrients	3(3-0)
FANU-7107	Sociology of Food and Nutrition	3(3-0)
FANU-7108	Institutional Management and Nutrition	3(2-1)
FANU-7109	Seminar-I	1(1-0)
FANU-7110	Special Problem	1(1-0)
Minor/Allied Course		
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)
FANU-7103	Analytical Techniques in Food and Nutrition	3(0-3)
FANU-7104	Dietetics and Applied Nutrition (Compulsory)	3(2-1)
FANU-7105	Research Methods in Food and Nutrition	3(3-0)
FANU-7106	Metabolism of Bioactive Nutrients	3(3-0)
FANU-7107	Sociology of Food and Nutrition	3(3-0)
FANU-7108	Institutional Management and Nutrition	3(2-1)
FANU-7109	Seminar-I (Compulsory)	1(1-0)
FANU-7110	Special Problem (Compulsory)	1(1-0)
General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)

1.Major courses may be offered during M. Sc. (Hons.) Food and Nutrition degree program depending upon the availability of faculty and resources.

2.Other Minor/Allied courses can be taken (as per requirement) from the following departments/subjects to be offered by the respective departments in running semester/s:

- Chemistry / Biochemistry
- Agricultural Sciences
- Biological Sciences
- Animal Sciences
- Pharmacy
- Medical / Allied Health Sciences
- Biotechnology
- Business Management

3.A student will have to complete 2/3rd credit hours from the Major courses and 1/3rd credit hours from the Minor/Allied courses.

Ph.D. Food Science and Technology

Eligibility:

Any one of the following with + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)

1. MS / MSc (Hons) Food Science and Technology
2. MSc (Hons) Food Technology
3. MSc (Hons) Dairy Technology*
4. M.Sc. (Hons.) Food Safety and Quality Management*

* Subject to take deficiency courses as per requirement

Duration: 3-8 Years

Semesters: 6-16

Degree Requirements: 20 Credit Hours Course Work - Dissertation

Code	Course Title	C/Hr.
Major Courses		
FSAT-8101	Recent Advances in Food Science and Technology	3(3-0)
FSAT-8102	Advanced Food Chemistry	3(2-1)
FSAT-8103	Industrial Processing Technology of Edible Oils and Fats Products	3(2-1)
FSAT-8104	Advanced Food Biotechnology	3(2-1)
FSAT-8105	Dairy Processing-II	3(2-1)
FSAT-8106	Technology of Processed Meat	3(2-1)
FSAT-8107	Advanced Food Microbiology	3(2-1)
FSAT-8108	Advanced Beverage Technology	3(2-1)
FSAT-8109	Sustainable Food Systems: Research and Policy	3(0-3)
FSAT-8110	Seminar-I	1(1-0)
FSAT-8111	Seminar-II	1(1-0)
FSAT-8112	Special Problem	1(1-0)
Minor/Allied Course		
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)
General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)

1.Major courses may be offered during PhD Food Science and Technology degree program depending upon the availability of faculty and resources.

2.Other Minor/Allied courses can be taken (as per requirement) from the following departments/subjects to be offered by the respective departments in running semester/s:

- Chemistry / Biochemistry
- Agricultural Sciences
- Biological Sciences
- Animal Sciences
- Pharmacy
- Biotechnology
- Business Management

3.A student will have to complete 2/3rd credit hours from the Major courses and 1/3rd credit hours from the Minor/Allied courses.

Ph.D. Food and Nutrition

Eligibility:

Any one of the following with + UOS Entry Test equivalent to HEC
HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
MS / MSc (Hons) Food and Nutrition / Human Nutrition
MS / MSc (Hons) Food Technology
MS / MSc (Hons) Food Science and Technology
MS / MSc (Hons) Human Nutrition and Dietetics
MS / MSc (Hons) Community Health and Nutrition

Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work - Dissertation

Code	Course Title	C/Hr.
Major Courses		
FANU-8101	Recent Advances in Food & Nutrition	3(3-0)
FANU-8102	Public Health and Nutrition	3(3-0)
FANU-8103	Life Cycle Nutrition	3(3-0)
FANU-8104	Design Concepts in Nutrition Epidemiology	3(3-0)
FANU-8105	Nutritional Counseling and Education Methods	3(2-1)
FANU-8106	Applied Nutrigenomics	3(3-0)
FANU-8107	Nutritional Antagonism	3(3-0)
FANU-8108	Sports and Exercise Nutrition	3(2-1)
FANU-8109	Computer Application in Food and Nutrition	3(1-2)
FANU-8110	Seminar-I	1(1-0)
FANU-8111	Seminar-II	1(1-0)
FANU-8112	Special Problem	1(1-0)
Minor/Allied Course		
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)
General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)

1.Major courses may be offered during PhD Food and Nutrition degree program depending upon the availability of faculty and resources.
2.Other Minor/Allied courses can be taken (as per requirement) from the following departments/subjects to be offered by the respective departments
in running semester/s:

- Chemistry / Biochemistry
- Agricultural Sciences
- Biological Sciences
- Animal Sciences
- Pharmacy
- Medical / Allied Health Sciences
- Biotechnology
- Business Management

3.A student will have to complete 2/3rd credit hours from the Major courses and 1/3rd credit hours from the Minor/Allied courses.



B.Sc. (Hons.) Human Nutrition and Dietetics

Eligibility: At least 50 % marks in SSC & HSSC (Part-I / II) Pre-Medical, Pre-Engineering or Equivalent.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. Communication Tech. (ICT)	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
CHEM-5103	Biochemistry	4(3-1)
HNAD-5101	Fundamentals of Human Nutrition	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 19(15-4)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epics	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
BIOT-5111	Microbiology	3(2-1)
FSAT-6111	Food Analysis and Sensory Evaluation	3(0-3)
HNAD-5102	Metabolism of Basic Nutrients	3(3-0)
HNAD-5103	Human Anatomy	3(2-1)
		Total 22(17-5)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
HNAD-5104	Human Physiology-I	3(2-1)

HNAD-5105	General Pathology	3(2-1)
HNAD-5106	Nutrients in Human Nutrition	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 21(18-3)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
HNAD-5107	Human Physiology-II	3(2-1)
HNAD-5108	Food and the Allergic Reaction	3(3-0)
HNAD-5109	Assessment of Nutritional Status	3(2-1)
HNAD-5110	Nutrition and Drug Laws	3(3-0)
		Total 19(16-3)
Semester-5		
HNAD-6111	Dietetics-I	3(2-1)
HNAD-6112	Nutrition in Emergencies	3(3-0)
HNAD-6113	Fundamentals of Industrial Nutrition	3(2-1)
HNAD-6114	Global Food Issues	3(3-0)
HNAD-6115	Nutritional Education and Awareness	3(2-1)
HNAD-6116	Nutrition Through Social Protection	3(3-0)
		Total 18(15-3)
Semester-6		
HNAD-6117	Dietetics-II	3(2-1)
HNAD-6118	Drug-Nutrient Interactions	3(3-0)
HNAD-6119	Preventive Nutrition	3(3-0)
HNAD-6120	Functional Foods and Nutraceutical	3(3-0)
HNAD-6121	Research Methods and Scientific Writing in Nutrition	3(3-0)
HNAD-6122	Infant and Young Child Feeding	3(2-1)
		Total 18(16-2)
Semester-7		
HNAD-6123	Clinical Biochemistry	3(2-1)
HNAD-6124	Nutrition Policies and Programs	3(3-0)
HNAD-6125	Meal Planning and Management	3(3-0)
HNAD-6126	Dietetics-III	3(2-1)
HNAD-6127	Nutritional Practices in Clinical Care	3(2-1)
		Total 15(13-2)
Semester-8		
HNAD-6128	Internship	3(0-3)
HNAD-6129	Research / Capstone Project	3(0-3)
		Total 06(0-6)

MS Human Nutrition and Dietetics

Eligibility: The candidate must have at least 45 % marks or CGPA 2.00 / 4.00 in relevant 16-year education from HEC recognized institutions + Institutional Test (at least 50% marks). Candidate must have any of the following terminal degrees.

- BS. / B.Sc. (Hons). Human Nutrition and Dietetics
- Doctor of Human Nutrition and Dietetics
- B. Sc. (Hons). Nutrition (Human)
- BS. Dietetics and Nutritional Sciences -
- B. Sc. (Hons). Food Science and Technology
- B. Sc. (Hons). Agriculture (Major Food Technology)
- B. Sc. (Hons). Food Science and Nutrition
- M. Sc. Food and Nutrition / Community Health and Nutrition / Human Nutrition
- B.S. /B.Sc. (Hons). Home Economics (Major: Food and Nutrition with F. Sc Pre-Medical/Pre-Engineering)

Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work - 6 C/Hr. Thesis

Code	Course Title	C/Hr.
General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
List of Mandatory/Compulsory/Core Courses		
HNAD-7102	Advanced Medical Physiology	3(3-0)
HNAD-7104	Clinical Nutrition and Advanced Dietetics	3(2-1)
HNAD-7112	Seminar	1(1-0)
HNAD-7113	Special Problem	1(1-0)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)
List of Elective Courses		
HNAD-7101	Physiology, Biochemistry and Genetics of Human Nutrition	3(3-0)
HNAD-7103	Analytical Techniques in Food and Nutrition	3(0-3)
HNAD-7105	Maternal and Child Nutrition	3(3-0)
HNAD-7106	Research Methods in Human Nutrition & Dietetics	3(3-0)
HNAD-7107	Principles and Practices in Sports Nutrition	3(3-0)
HNAD-7108	Probiotics and Prebiotics in Human Nutrition	3(3-0)
HNAD-7109	Pathophysiological Basis of Metabolic Diseases	3(3-0)
HNAD-7110	Pediatric and Geriatric Nutrition	3(3-0)
HNAD-7111	Tissue Nutrition in Clinical Practice	3(3-0)
Thesis		
	Thesis	6(0-6)

Ph.D. Human Nutrition and Dietetics

Eligibility:

Any one of the following with + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Any one of the following with 3.00 CGPA
MS / M. Sc. (Hons). Human Nutrition and Dietetics
Interdisciplinary*:
M.S. / M.Sc. (Hons). Food and Nutrition
M. S. / M. Sc. (Hons). Community Health and Nutrition
MS/ M.Phil /M.Sc. (Hons.) Food Technology*
MS/ M.Phil /M.Sc. (Hons.) Food Science and Technology*
MS/ M.Phil /M.Sc. (Hons.) Biochemistry*
MS/ M.Phil /M.Sc. (Hons.) Public Health / Public Health and Nutrition*
MS/ M.Phil in Medical Sciences* [after MBBS, BDS, BEHMS, DPT]
* Subject to take deficiency courses as per requirement

Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work - Dissertation

Code	Course Title	C/Hr.
Major Courses		
HNAD-8101	Recent Advances in Human Nutrition and Dietetics	3(3-0)
HNAD-8102	Principles of Nutritional Counselling and Practices	3(2-1)

HNAD-8103	Molecular Physiology and Immunology of Nutrition	3(2-1)
HNAD-8104	Nutritional Epidemiology and Research Methods	3(2-1)
HNAD-8105	Advanced Sports and Exercise Nutrition	3(2-1)
HNAD-8106	Comp. Application in Human Nutrition & Dietetics	3(1-2)
HNAD-8107	Nutrigenomics and Nutrigenetics	3(3-0)
HNAD-8108	Nutritional Synergism and Antagonism	3(3-0)
HNAD-8109	Public Health Nutrition	3(2-1)
HNAD-8110	Advances in life Cycle Nutrition	3(3-0)
HNAD-8111	Seminar-I (Compulsory)	1(1-0)
HNAD-8112	Seminar-II (Compulsory)	1(1-0)
HNAD-8113	Special Problem (Compulsory)	1(1-0)
Minor/Allied Course		
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)
General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)

B.Sc. (Hons.) Home Economics

Eligibility: At least 50 % marks in SSC & HSSC (Part-I / II) Pre-Medical/Pre-Engineering or Equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. & Communication Tech. (ICT)	3(2-1)
HECO-5101	Introduction to Home Economics	3(3-0)
HECO-5102	Fundamentals of Food and Nutrition	3(3-0)
HECO-5103	Introduction to Art and Design	3(2-1)
MATH-5128	Mathematics	3(2-1)
URCG-5129	Understanding of Holy Quran-I OR	1(0-1)
URCG-5131	Ethics-I	
		Total 21(17-4)
Semester-2		
URCG-5112	Fables, Wisdom Literature, and Epics	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
HECO-5104	Meal Management	3(2-1)
HECO-5105	Textiles and Clothing	3(2-1)
HECO-5106	Clothing and Consumer Education	3(2-1)
HECO-5107	Life Span Development	3(2-1)
		Total 22(16-4)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
HECO-5108	Family and Community Development	3(2-1)
HECO-5109	Home Management and Housing	3(3-0)
HECO-5110	Applied Art and Design	3(2-1)
URCG-5130/32	Understanding of the Holy Quran-II/Ethics-II	1(0-1)
		Total 18(15-3)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
HECO-5111	Applied Housing and Home Management	3(2-1)
HECO-5112	Family Economics	3(3-0)
HECO-5113	Nutrition Policies and Programs	3(3-0)
HECO-5114	Health Care Promotion	3(3-0)
		Total 19(17-2)
Semester-5		
HECO-6115	Home Economics Education, Adm. & Supervision	3(3-0)
FSAT-5107	Plant Design and Food Safety	3(3-0)
FANU-6101	Applied Nutrition	3(2-1)
FANU-6102	Food Preservation	3(2-1)
FANU-6103	Experimental Foods	3(2-1)
FANU-6104	Nutritional Education and Awareness	3(2-1)
		Total 18(14-4)
Semester-6		
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
FANU-6105	Nutrition in Health and Prevention	3(3-0)
FANU-6106	Physiological Aspects of Nutrition	3(3-0)
FANU-6107	Advanced Nutrition	3(2-1)
FANU-6108	Dietetics	3(2-1)
FANU-6109	Food Microbiology	3(2-1)
		Total 18(15-3)
Semester-7		
HECO-6116	Special Children Education	3(3-0)
CHEM-5103	Biochemistry	4(3-1)
FANU-6110	Food and the Allergic Reaction	3 (3-0)
FANU-6111	Nutritional Management in Disasters	3(3-0)
HECO-6117	Internship	3(0-3)
		Total 16(12-4)
Semester-8		
HECO-6118	Research / Capstone Project	3(0-3)
HECO-6119	Methods of Research	3(3-0)
FANU-6112	Institutional Management	3(2-1)
FANU-6113	Clinical and Therapeutic Nutrition	3(2-1)
FANU-6114	Global Food Issues	3(3-0)
		Total 15(10-5)

FACULTY OF
ARTS AND HUMANITIES



Prof. Dr. Shamshad Ahmed
Dean, Faculty of Arts and Humanities

Phone: 048-9230827, 9230811-15 Ext 528
Email: dean.arts@uos.edu.pk

List of College/Institute/Departments

- **College of Law**
- **Institute of Art and Design**
- Arabic Language and Literature
- Communication and Media Studies
- English
- English Language and Linguistics
- Information Management
- Islamic Studies
- Persian Language and Literature
- Punjabi Language, Literature and Culture
- Sports Sciences
- Urdu Language and Literature

Faculty of Arts and Humanities was established immediately after the inception of the University of Sargodha. Originally known as the Faculty of Arts & Social Sciences, it was the largest faculty of the University. Over time, it has evolved into the Faculty of Arts and Humanities, now comprising twelve departments, including the Institute of Art & Design, Law, Languages, Information Management, Islamic Studies, Mass Communication, and Sports Sciences.The Faculty brings together teaching and research expertise to create a multidisciplinary hub dedicated to producing new ideas and knowledge that shape the future of individuals and society. Our carefully designed curricula inspire students to adopt a multidimensional approach to learning, fostering critical thinking and broadening their academic and professional horizons. Our deep engagement with arts, culture, and law continues to enrich the intellectual and professional outlook of our graduates, preparing them to make meaningful contributions to society and their chosen fields.

COLLEGE OF
LAW



Dr Yasir Aleem
Associate Professor / Principal

CONTACT
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Allama Iqbal Campus

Faculty

Dr Atika Lohani
Associate Professor

Gull Sher Butt
Assistant Professor

Muhammad Zahid Rafique Rana
Assistant Professor

Haroon Khalid
Assistant Professor

Syeda Tooba Akhtar
Assistant Professor

Fozia Shaheen
Lecturer

Syed Wajdan Rafay Bukhari
Lecturer (on extra-ordinary leave)

Muhammad Umar Ranjha
Lecturer

Muhammad Hamzah
Lecturer

Waheed-uz-Zaman
Lecturer

Mamoona Khalid
Lecturer

Muhammad Saqib Hameed
Lecturer (on study leave)

Saifullah Hassan
Lecturer (on study leave)

Anjum Iqbal Chattha
Lecturer

Bachelors of Laws (LL.B)

Eligibility: At least 45% marks in Intermediate or equivalent qualification. LAT test is compulsory with at least 50% marks. (eight seats are reserved for sons/daughters of advocates)
Duration: 4 Years
Semesters: 8
Degree Requirements: 146-148 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5120	Exploring Quantitative Skills-I	3(3-0)
URCG-5118	Functional English	3(3-0)
URCG-5123	Applications of Info. Communication Tech. (ICT)	3(2-1)
ULLB-5101	Introduction to Law and Legal Systems	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
PSYC-5106	Social Psychology	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5121	Tools for Quantitative Reasoning-II	3(3-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5115	The Science of Global Challenges	3(2-0)
ULLB-5102	Law of Torts	3(3-0)
URCG-5129	Understanding of Holy Quran-I/Fehm-e-Quran-I	1(0-1)
	(for Muslim students)	
URCG-5131	Ethics-I (for non-muslum students)	
LLB-5103	Criminal Law	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
		Total 19(17-2)
Semester-3		
URCG-5112	Fables, Wisdom Literature and Epic	2(2-0)
URCG-5105	Islamic Studies (Compulsory) OR	2(2-0)
URCG-5126	Ethics (for Non Muslims)	
URCG-5130	Understanding of Holy Quran-II/Fehm-e-Quran-II	1(0-1)
	(for Muslim Students)	
URCG-5132	Ethics-II (for Non-Muslim students)	
ULLB-5104	Law of Contract	3(3-0)
ULLB-5105	Jurisprudence	3(3-0)
ULLB-5106	Principles of Constitutional Law	3(3-0)
MCOM-5101	Introduction to Conventional and	3(3-0)
	Digital Communication	
		Total 17(16-1)
Semester-4		
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
ULLB-5107	Equity, trust and Specific Relief	3(3-0)
ULLB-5108	Law of Property	3(3-0)
ULLB-5109	Alternative Dispute Repopulation	3(3-0)
ULLB-5110	Islamic Jurisprudence	3(3-0)
		Total 19(19-0)

Semester-5		
ULLB-6101	Islamic Personal Law-I	3(3-0)
ULLB-6102	Law of Business Organizations-I	3(3-0)
ULLB-6103	Law of Evidence	3(3-0)
ULLB-6104	Administrative and Services Law	3(3-0)
ULLB-6105	Land Law	3(3-0)
ULLB-6106	Cyber Law	3(3-0)
		Total 18(18-0)
Semester-6		
ULLB-6107	Islamic Personal Law-II	3(3-0)
ULLB-6108	Law of Business Organizations-II	3(3-0)
ULLB-6109	Legal Drafting and Pleadings	3(3-0)
ULLB-6110	International Law	3(3-0)
ULLB-6120	Human Rights Law	3(3-0)
ULLB-6137	Public Interest Litigation	3(3-0)
		Total 18(18-0)
Summer Semester		
ULLB-6111	Internship	3(0-3)
		Total 3(0-3)
Semester-7		
ULLB-6112	Legal Ethics and Moot Cases	3(3-0)
ULLB-6113	Criminal Procedure Code-I	3(3-0)
ULLB-6114	Civil Procedure Code-I	3(3-0)
ULLB-6115	Research Methodology	3(3-0)
ULLB-6135	Media Laws	3(3-0)
ULLB-6121	Intellectual Property Laws	3(3-0)
		Total 18(18-0)
Semester-8		
ULLB-6116	Criminal Procedure Code-II	3(3-0)
ULLB-6117	Civil Procedure Code-II	3(3-0)
ULLB-6118	Environmental Law	3(3-0)
ULLB-6122	Taxation Laws	3(3-0)
ULLB-6129	International Trade Law	3(3-0)
ULLB-6119	Capstone Project	3(0-3)
		Total 18(15-3)



INSTITUTE OF
ART & DESIGN



Maryam Saif
Associate Professor / Director

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Faculty

Nadeem Afraz
Associate Professor

Bushra Gull
Assistant Professor

Nadia Abbasi
Assistant Professor

Naila Khan
Assistant Professor

Dr. Hassan Babar
Assistant Professor

Iram Shaheen
Lecturer

Ahsan Jamil
Lecturer

Shabnam Majeed
Lecturer (on medical leave)

Naveed Sharif
Lecturer

Huma Sajjad
Lecturer

Shumaila Islam
Lecturer

BS in Fine Arts

Eligibility: At least 45% marks in HSSC (Part-I / II) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information and Communication Technologies (ICT)	3(2-1)
FINA-5101	Drawing-I	3(0-3)
FINA-5102	Basics of Design	3(1-2)
FINA-5103	History of Civilizations	3(3-0)
URCG-5129/31	Understanding of the Holy Quran - I / Ethics-I	1(0-1)
		Total 18(11-7)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
RCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
FINA-5105	Drawing-II	3(0-3)
FINA-5106	Painting	3(0-3)
FINA-5107	History of Western Art-I	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 19(13-6)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
FINA-5108	Drawing-III	3(0-3)
FINA-5109	Sculpture	3(0-3)
FINA-5110	History of Western Art-II	3(3-0)
URCG-5130/32	Understanding of Holy Quran - II/Ethics-II	1(0-1)
		Total 18(11-7)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
FINA-5111	Drawing-IV	2(0-2)
FINA-5112	Miniature	3(0-3)
FINA-5113	History of Islamic Art & Architecture	3(3-0)
FINA-5114	Basics of Photography	2(0-2)
		Total 17(9-8)
Summer Semester		
FINA-6115	Internship	3(0-3)
Semester-5		
FINA-6116	Studio Practice-I* (Perspective Study)	3(0-3)
FINA-6117	Studio Practice-II *(Portraiture-I)	3(0-3)

FINA-6118	Drawing-V	2(0-2)
FINA-6119	Digital Drawing-I	3(0-3)
Semester-5		
FINA-6116	Studio Practice-I* (Perspective Study)	3(0-3)
FINA-6117	Studio Practice-II *(Portraiture-I)	3(0-3)
FINA-6118	Drawing-V	2(0-2)
FINA-6119	Digital Drawing-I	3(0-3)
FINA-6120	Print Making	3(0-3)
URCE-5101	Functional Urdu	3(3-0)
		Total 17(3-14)
Summer Semester (for student exiting program to have Associate Degree)		
Semester-6		
FINA-6121	Studio Practice-III* (Portraiture-II)	3(0-3)
FINA-6122	Studio Practice-IV *(Figurative)	3(0-3)
FINA-6123	Digital Drawing-II	4(1-3)
FINA-6124	Art Criticism	3(3-0)
SOWK-5101	Introduction to Social work and Social Welfare	3(3-0)
		Total 16(7-9)
FINA-6115	Internship	3(0-3)
Semester-7		
FINA-6125	Mini Projects*	6(0-6)
FINA-6126	Studio Practice-VI* (conceptual)	3(0-3)
FINA-6127	Research Methodology	2(2-0)
FINA-6128	Art in Pakistan-I	2(2-0)
PSYC-5101	Cognitive Psychology	3(3-0)
		Total 16(7-9)
Semester-8		
FINA-6128	Art Presentation	3(0-3)
FINA-6129	Final Project*	6(1-5)
FINA-6130	Art in Pakistan-II	2(2-0)
FINA-6131	Unconventional Mediums and Techniques in Art	2(0-2)
GRAD-5104	Calligraphy	3(0-3)
		Total 16(3-13)

BS in Graphic Design

Eligibility: At least 45% marks in HSSC (Part-I / II) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. & Comm. Tech. (ICT)	3(2-1)
GRAD-5101	Drawing – I	3(0-3)
GRAD-5102	Basics of Design	3(0-3)
GRAD-5103	History of Civilizations	2(2-0)
URCG-5129/31	Understanding of the Holy Quran -I/Ethics-I	1(0-1)
		Total 17(9-8)
Semester-2		
URCG-5112	Fables, Wisdom Literature and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
GRAD-5104	Calligraphy	2(0-2)
GRAD-5105	Communication Design	3(0-3)
GRAD-5106	Drawing – II	3(0-3)
URCG-5128	Pakistan Studies	2(2-0)
		Total 18(10-8)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
GRAD-5107	History of Western Art	2(2-0)
GRAD-5108	Drawing-III	2(0-2)
GRAD-5109	Graphic Design-I	3(0-3)
GRAD-5110	Photography – I	3(0-3)
URCG-5130/32	Understanding of the Holy Quran –II / Ethics-II	1(0-1)
		Total 19(10-9)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
GRAD-5111	Fundamental of Typography	3(1-2)
GRAD-5112	Drawing – IV	2(0-2)
GRAD-5113	Photography – II	3(0-3)
GRAD-5114	Graphic Design– II	3(0-3)
		Total 18(7-11)
Summer Semester		
GRAD-6115	Internship	3(0-3)
Semester-5		
URDU-51xx	Functional Urdu	3(3-0)
PSYC-5101	Cognitive Psychology	3(3-0)
GRAD-6116	History of Graphic Design – I	2(2-0)
GRAD-6117	*Advertising Design – I / Illustration – I	3(0-3)
GRAD-6118	Interactive Design (Web, UI/UX)	3(1-2)
GRAD-6119	Techniques of Printing	2(1-1)
GRAD-6120	Videography – I	3(0-3)
		Total 19(10-9)
Semester-6		
BUSB-6144	Advertising Management	3(3-0)
GRAD-6121	History of Graphic Design – II	2(2-0)
GRAD-6122	*Advertising Design – II / Illustration – II	3(0-3)
GRAD-6123	Game Design – I	3(1-2)
GRAD-6124	Animation & Visual Effects – I	3(1-2)
GRAD-6125	Videography-II	3(1-2)
		Total 17(8-9)
Summer Semester		
GRAD-6115	Internship	3(0-3)

Semester-7		
GRAD-6126	Game Design – II	3(0-3)
GRAD-6127	Animation & Visual Effects – II	3(0-3)
GRAD-6128	Capstone Project (Mini Project)	6(0-6)
GRAD-6129	Research Methodology	3(3-0)
URCG-5111	Translation of the Holy Quran –IV	Non Credit
		Total 15(3-12)
Semester-8		
BUSB-6148	Digital Marketing	3(3-0)
GRAD-6130	Capstone Project (Major Project)	6(0-6)
GRAD-6131	Report Writing	3(0-3)
GRAD-6132	Advertising Design Seminar	3(0-3)
		Total 15(3-12)

BS in Interior Design

Eligibility: At least 45% marks in HSSC (Part-I / II) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 143 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3+0)
URCG5105	Islamic Studies (OR)	
URCG-5126	Religious Education/Ethics	2(2+0)
URCG-5123	Applications of Info. & Comm. Tech. (ICT)	3(2+1)
URCG-5129/	Understanding of the Holy Quran-I OR	1(0-1)
URCG-5131	Ethics-I	
INTD-5101	Foundation Drawing-1	3(0+3)
INTD-5102	Drafting	3(0+3)
INTD-5103	Fundamentals of Art & Design	3(1+2)
		Total 18(8-10)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2(2+0)
URCG-5116	Science of Society-I	2(2+0)
URCG-5120	Exploring Quantitative Skills	3(3+0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1+0)
INTD-5104	Design History and Theory-I	2(2+0)
INTD-5105	Foundation Drawing-II	3(0+3)
INTD-5106	Material and Models	3(0+3)
URCG-5128	Pakistan Studies	2(2+0)
Semester-3		**Total 18(12-6)**
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
INTD-5107	Design History and Theory-II	2(2+0)
INTD-5108	Photoshop for Interior Design	3(0+3)
INTD-5109	Interior Design Studio-I	3(0+3)
URCG-5130/32	Understanding of Holy Quran –II /Ethics-II	1(0-1)
		Total 17(10-7)
Semester-4		
URCG-5114	Basic Science	3(2+1)
URCG-5124	Entrepreneurship	2(2+0)
URCG-5125	Civics and Community Engagement	2(2+0)
INTD-5110	Interior Design Studio-II	3(0+3)
INTD-5111	Perspective Drawing For Interior Design	3(0+3)
INTD-5112	History Of Art and Architecture	2(2+0)
Semester-5		**Total 15(8-7)**
INTD-6114	Interior Design Studio-III	3(0+3)
INTD-6115	Materials Study for Interior Design-I	3(0+3)
INTD-6116	Furniture and furnishing	3(1+2)
INTD-6117	Sustainable Interior Design	2(1+1)
BUSB-6144	Advertising Management	3(0+3)
INTD-6118	Computer Aided Design (Auto-Cad)	3(0+3)
		Total 17(2-15)
Semester-6		
INTD-6119	Intro to 3D Software for Interior Design-I	3(0+3)
INTD-6120	Interior Design Studio-IV	3(0+3)
INTD-6121	Understanding Interior Lightening	3(1+2)
BUSB 6145	Brand Management	3(3+0)
INTD-6122	Landscaping	3(1+2)
		Total 15(5-10)
Summer Semester		
INTD-6129	Internship	3(0+3)
Semester-7		
INTD-6123	Intro to 3D Software for Interior Design-II	3(0+3)
INTD-6124	Capstone Project-1	3(0+3)
INTD-6125	Basics of Photography	3(1+2)
INTD-6126	Research Methodology	3(3+0)
INTD-6127	Project Management	3(3+0)
PSYC-5101	Cognitive Psychology	3(3-0)
		Total 18(10-8)
Semester-8		
INTD-6129	Capstone Project-II	6(0+6)
INTD-6130	Final Project Report	3(0+3)
INTD-6131	Investment Analysis and Portfolio Management	4(2+2)
INTD-6128	Visualization(V-Ray)	3(0+3)
BUSB-6148	Digital Marketing	3(0+3)
		Total 19(2-17)

BS in Textile Design

Eligibility: At least 45% marks in HSSC (Part-I / II) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)

URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
TEXD-5101	Drawing-I	3(0+3)
TEXD-5102	Introduction to Visual Art	3(1+2)
TEXD-5103	History of Civilizations	2(2+0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 17(10-7)

Semester-2

URCG-5112	Fables, Wisdom Literature and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
TEXD-5104	Drawing-II	2(0+2)
TEXD-5105	Textile Materials and Process	3(2+1)
TEXD-5106	History of Western Art-I	2(2+0)
TEXD-5107	Textile Design Studio-I	3(0-3)
URCG-5128	Pakistan Studies	2(2-0)
		Total 20(14-6)

Semester-3

URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
TEXD-5108	Drawing-III	2(0+2)
TEXD-5109	Textile Finishing	3(1+2)
TEXD-5110	Textile Design Studio-II	3(0-3)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
TEXD-5111	History of Western Art-II	2(2-0)
		Total 19(11-8)

Semester-4

URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
TEXD-5112	Drawing-IV	2(0+2)
TEXD-5113	Textile Dyeing Techniques	3(1-2)
TEXD 5114	Fundaments of Weaving	3(1-2)
TEXD-5115	Textile Design Essentials-I	3(0-3)
		Total 18(8-10)

Summer Semester

INTD-6116	Internship	3(0+3)

Summer-5

SOCI-xxxx	Pakistani Society and Culture	3(3-0)
EXD 6117	Drawing-V (Fashion Illustration)	3(0-3)
TEXD 6118	Weave Design Studio-I	3(0-3)
TEXD 6119	Textile Design Essentials-II	3(0-3)
TEXD 6120	Textile CAD-I	3(1-2)
		Total 15(4-11)

Semester-6

GRAD-5110	Photography	3(1-2)
TEXD 6126	Weave Design Studio-II	3(0-3)
TEXD 6122	Textile Printing	3(1-2)
TEXD 6123	Textile CAD-II	3(1-2)
TEXD 6124	History of Textiles	3(3-0)
TEXD 6125	Research Methodology	3(3-0)
		Total 18(9-9)

Summer Semester

TEXD-6116	Internship	3(0-3)

Semester-7

TEXD 6126	Textile Digital Printing	3(1-2)
TEXD 6127	Textiles Merchandising	3(3-0)
TEXD 6128	Textile CAD-III (Costumes & Pattern Making)	3(0-3)
TEXD 6129	Capstone Project –I (Weaving/Dyeing & Printing/ Surface Manipulation/Clothing)	6(0-6)
BUSB-6144	Advertising Management	3(3-0)
		Total 18(7-11)

Semester-8

BUSB-6148	Digital Marketing	3(3-0)
TEXD 6130	Art Appreciation	3(0-3)
TEXD 6131	Project Research Report	3(0-3)
TEXD 6132	Capstone Project –II (Weaving/Dyeing & Printing/ Surface Manipulation/Clothing)	6(0-6)
		Total 15(3-12)





DEPARTMENT OF ARABIC LANGUAGE AND LITERATURE



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FACULTY

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Assistant Professor

Dr. Abdul Saboor
Lecturer

Dr. Shams ud Din
Lecturer

Dr. Muhammad Ans
Lecturer

BS in Arabic

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com, A-Level,) Part-I / II), DAE (1st & 2nd Year), Shahadah Khasaa or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies* (OR)	2(2-0)
URCG-5126	Religious Education/Ethics**	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
ARAB-5101	Applied Grammar(1)	3(3-0)
ARAB-5102	Functional Arabic(1)	3(3-0)
ARAB-5107	Arabic Composition(1)	3(3-0)
		Total 18(16-2)
* For Muslims Students		
** For Non-Muslims Students		
Semester-2		
URCG-5112	Fables, Wisdom Literature and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (S.A.W)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
ARAB-5103	Applied Grammar-II	3(3-0)
ARAB-5104	Functional Arabic-II	3(3-0)
ARAB-6112	Arabic Composition-II	**Total 19(19-0)**
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
ARAB-5105	Applied Grammar-III	3(3-0)
ARAB-5109	Arabic as International Language	3(3-0)
ARAB-5108	Study of the Islamic World & its Culture-I	3(3-0)
		Total 18(17-1)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
ARAB-6110	Study of the Islamic World & its Culture-II	3(3-0)
ARAB-6125	Computer & Arabic Language	3(3-0)
ARAB-6120	Islamic History	3(3-0)
		Total 16(16-0)
Semester-5		
HIST-6158	Introduction to History	3(3-0)
URDU-5109	Functional Urdu	3(3-0)
ARAB-6109	Translation (Arabic to English)	3(3-0)
ARAB-6111	History of Arabic Literature-I	3(3-0)
ARAB-6113	Arabic Poetry-I{Classical}	3(3-0)

ARAB-6114	Classical Prose	3(3-0)
		Total 18(18-0)
Semester-6		
MCOM-5101	Introduction to Conventional & Digital Communication	3(3-0)
ARAB-6122	Arabic Literature in the Sub-Continent	3(3-0)
ARAB-6115	Translation-II{English to Arabic}	3(3-0)
ARAB-6116	Modern Prose	3(3-0)
ARAB-6117	History of Arabic Literature-II	3(3-0)
ARAB-6118	Arabic Poetry-II{Modern}	3(3-0)
		Total 18(18-0)
Summer Semester		
ARAB-5109	Internship*	3(0-3)
Semester-7		
ARAB-6134	Oriental Literature	3(3-0)
ARAB-6119	Linguistics	3(3-0)
ARAB-6121	Religious Literature-I{Quran}	3(3-0)
ARAB-6123	History of Arabic Literature-III	3(3-0)
ARAB-6124	Research & Editing Methodology	3(3-0)
ARAB-6133	Capstone Project **	3(0-3)
		Total 18(15-3)
Semester-8		
ARAB-6126	Comparative Literature	3(3-0)
ARAB-6127	Religious Literature-II{Hadith}	3(3-0)
ARAB-6128	Rhetoric & Prosody	3(3-0)
ARAB-6129	Literary Criticism	3(3-0)
ARAB-6132	Islamic Literature	3(0-3)
		Total 15(15-0)

**Capstone Project may be offered during the 7th Semester and its mandatory completion by the end of 8th Semester.

BS in Arabic (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BA/ BSc/ ADA/ ADS / Shahadah Alia or equivalent qualification.

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 72 credit hours

Code	Course Title	C/Hr.
Semester-1		
ARAB-5101	Applied Grammar	3(3-0)
HIST-6158	Introduction to History	3(3-0)
URDU-5109	Functional Urdu	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
ARAB-6109	Translation-I{Arabic to English}	3(3-0)
ARAB-6111	History of Arabic Literature-I	3(3-0)
ARAB-6113	Arabic Poetry-I {Classical}	3(3-0)
ARAB-6114	Classical Prose	3(3-0)
		Total 19(18-1)
Semester-2		
ARAB-5102	Functional Arabic-I	3(3-0)
MCOM-5101	Intro. to Conventional & Digital Communication	3(3-0)
ARAB-6122	Arabic Literature in the Sub-Continent	3(3-0)
ARAB-6115	Translation-II (English to Arabic)	3(3-0)
ARAB-6116	Modern Prose	3(3-0)
ARAB-6117	History of Arabic Literature-II	3(3-0)
ARAB-6118	Arabic Poetry-II (Modern)	3(3-0)
		Total 18(18-0)
Summer Semester		
ARAB-5109	Internship	3(0-3)
Semester-3		
ARAB-5108	Study of Islamic World & Its Culture-I	3(3-0)
ARAB-6134	Oriental Literature	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
ARAB-6119	Linguistics	3(3-0)
ARAB-6121	Religious Literature-I{Quran}	3(3-0)
ARAB-6123	History of Arabic Literature-III	3(3-0)
ARAB-6124	Research & Editing Methodology	3(3-0)
ARAB-6133	Capstone Project	3(3-0)
		Total 19(18-1)
Semester-4		
ARAB-6120	Islamic History	3(3-0)
ARAB-6125	Computer & Arabic Language	3(3-0)
ARAB-6126	Comparative Literature	3(3-0)
ARAB-6127	Religious Literature-II{Hadith}	3(3-0)
ARAB-6128	Rhetoric & Prosody	3(3-0)
ARAB-6129	Literary Criticism	3(3-0)
ARAB-6132	Islamic Literature	3(3-0)
		Total 15(15-0)



MPhil Arabic

Eligibility: Candidates having minimum 2nd division in annual system or CGPA 2.0/4.0 in MA Arabic, BS Arabic (4 year), BS Arabic (after 14 years of education – 2 year), Shahadah Almia in semester system from HEC recognized institutions or Shahadah Almia with 2nd division or equivalent + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
ARAB-xxxx*		
ARAB-xxxx*		
ARAB-7101	Research Methodology	3(3-0)
ARAB-7102	Art of Translation	3(3-0)
ARAB-xxxx		
ARAB-xxxx		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
* for Intra-disciplinary admitted candidates only		
Semester-2		
ARAB-xxxx*		
ARAB-7103	New Trends of Modern Arabic Literature	3(3-0)
ARAB-7104	Methods of Editing Manuscripts	3(3-0)
ARAB-xxxx		
ARAB-xxxx		
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
* for Intra-disciplinary admitted candidates only		
Semester-3-4		
	Thesis / two courses in lieu of thesis	6(0-6)/6(6-0)
		Total 6(0-6)/6(6-0)
List of Deficiency Courses		
ARAB-5105	Arabic Grammar-III	3(3-0)
ARAB-5108	Study of Islamic World & its Culture-I	3(3-0)
ARAB-6112	Arabic Composition-II	3(3-0)
ARAB-6114	Classical Prose	3(3-0)
ARAB-6116	Modern Prose	3(3-0)
ARAB-6119	Linguistics	3(3-0)
ARAB-6122	Arabic Literature in the Sub-Continent	3(3-0)
ARAB-6123	History of Arabic Literature-III	3(3-0)
ARAB-6125	Computer & Arabic Language	3(3-0)
ARAB-6129	Literary Criticism	3(3-0)
List of Mandatory Courses		
ARAB-7101	Research Methodology	3(3-0)
ARAB-7102	Art of Translation	3(3-0)
ARAB-7103	New Trends of Modern Arabic Literature	3(3-0)
ARAB-7104	Methods of Editing Manuscripts	3(3-0)
List of Elective Courses		
ARAB-7105	Language of Thesis Writing	3(3-0)
ARAB-7106	Comparative Literature	3(3-0)
ARAB-7107	Contemporary Arabic Literature	3(3-0)
ARAB-7108	Advanced Arabic Rhetoric	3(3-0)
ARAB-7109	Arabic Prosody	3(3-0)
ARAB-7110	Arabic Islamic Sources and References	3(3-0)
ARAB-7111	Language of Arabic Press	3(3-0)
ARAB-7112	Arabic Dictation	3(3-0)
Thesis		
ARAB-7113	Thesis	6(0-6)

PhD Arabic

Eligibility: MPhil/MS in Arabic / MS in Arabic Translation & Interpretation (18 years of Education) with at least 1st Division or CGPA 3.0 out 4.0 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks)
OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
ARAB-8101	Area Study	3(3-0)
ARAB-81xx	To be selected from Elective List	3(3-0)
ARAB-81xx	To be selected from Elective List	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
Semester-2		
ARAB-8102	Arabic Media	3(3-0)
ARAB-81xx	To be selected from Elective List	3(3-0)
ARAB-81xx	To be selected from Elective List	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
Semester-3 onwards		
	Dissertation	
List of mandatory courses		
ARAB-8101	Area Study	3(3-0)
ARAB-8102	Arabic Media	3(3-0)
List of Elective Courses		
ARAB-8103	Arabic Phonetics	3(3+0)
ARAB-8104	Research & Editing Methodology	3(3+0)
ARAB-8105	Study of Sources and References	3(3+0)
ARAB-8106	Study of the Islamic World	3(3+0)
ARAB-8107	Language of Thesis Writing	3(3+0)
ARAB-8108	Advance Rhetoric	3(3+0)
ARAB-8109	Foreign Language (English)	3(3+0)
ARAB-8110	Syntactic and Lingual Issues	3(3+0)
Thesis		
ARAB-8111	Thesis	



DEPARTMENT OF COMMUNICATION AND MEDIA STUDIES



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Assistant Professor

Shajee Hassan
Lecturer

Mariam Ikram
Lecturer (on leave)

Dr Abdul Rahman Madni
Lecturer

Dr. Faisal Aziz
Lecturer

Dr. Tariq Nawaz
Lecturer

Dr. Ali Hassan
Lecturer (on deputation)

BS in Media and Communication Studies

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (Compulsory) OR	2(2-0)
URCG-5126	Ethics (For Non Muslim Students)	
URCG-5123	Applications of Info. Comm. Tech. (ICT)	3(2-1)
MCOM-5101	Conventional and Digital Communication	3(3+0)
MCOM-5103	Introduction to Social Media	3(1+2)
MCOM-5104	Contemporary World Media	3(3+0)
		Total 17(14-3)
Semester-2		
URCG-5112	Fables, Wisdom and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)*	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
MCOM-5105	Introduction to Advertising & Public Relations	3(3+0)
MCOM-5109	Fundamentals of News Reporting	3(3+0)
		Total 17(17-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
MCOM-5106	Basics of Media Production	3(3+0)
MCOM-5107	News Reporting and Sub-Editing	3(3+0)
MCOM-5108	Sub-Editing and Page Designing	3(3+0)
		Total 17(17-0)
Semester-4		
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
MCOM-5112	Media Ethics & Laws in Pakistan	3(3+0)
xxxx-xxxx	Media & Information Literacy	3(3+0)
MCOM-5133	Development Support Communication	3(3+0)
		Total 16(14-2)
Summer Semester		
MCOM-6155	Internship/Field Experience	3(0+3)
Semester-5		
MCOM-6114	Data Journalism	3(3+0)
MCOM-6116	Communication Research	3(3+0)
MCOM-6117	Op-ed Writing	3(3+0)
xxxx-xxxx	Conflict & Crisis Communication	3(3+0)
POLS-5101	Introduction to Political Science	3(3-0)
		Total 15(15-0)

Semester-6		
MCOM-5132	Communication Studies	3(2+1)
MCOM-6118	Advanced Production Techniques	3(3+0)
xxxx-xxxx	Graphic Design & Animation	3(3+0)
URDU-5102	Functional Urdu	3(3+0)
xxxx-xxxx	Elective-I (From specialization list)	3(x-x)
xxxx-xxxx	Elective-II (From specialization list)	3(x-x)
		Total 18(x-x)
Semester-7		
xxxx-xxxx	Media Advocacy	3(3+0)
xxxx-xxxx	Photography	3(3+0)
xxxx-xxxx	Elective-3 (from specialization list)	3(x-x)
xxxx-xxxx	Elective-4 (from specialization list)	3(x-x)
xxxx-xxxx	Elective-5 (from specialization list)	3(x-x)
xxxx-xxxx		**Total 15(x-x)**
Semester-8		
xxxx-xxxx	Documentary Production	x(x-x)
xxxx-xxxx	Media Enterprise Management	x(x-x)
xxxx-xxxx	AI & Data Analytics in Media	3(3+0)
MCOM-6154	Capstone Project	3(0+3)
xxxx-xxxx	Elective-4 (from specialization list)	3(0-3)
xxxx-xxxx	Elective-5 (from specialization list)	3(0-3)
		Total x(x-x)



BS in Digital and Social Media

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (Compulsory) OR	2(2-0)
URCG-5126	Ethics	
URCG-5123	Applications of Information Communication	3(2-1)
	Technologies (ICT)	
MCOM-5301	Communication in Digital Age	3(3+0)
MCOM-5302	Cyber Laws & Digital Media Rights	3(3+0)
MCOM-5303	Introduction to Digital & Social Media	3(3+0)
		Total 17(16-1)
Semester-2		
URCG-5112	Fables, Wisdom and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)*	1(1-0)
URCG-5126/31	Understanding of the Holy Quran-I*/Ethics-I	1(0-1)
MCOM-5304	Computer Applications in Digital Media	3(0+3)
MCOM-5305	Fundamentals of Digital & Social Media Research	3(3+0)
MCOM-5306	Information Security in Social Media	3(3+0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 20(19-1)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
MCOM-5307	Digital Media Ethics	3(3+0)
MCOM-5308	Digital & Social Media Theories	3(3+0)
MCOM-5309	Creative Writing for Digital & Social Media (Urdu & English)	3(3+0)
		Total 17(17-0)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5130/32	Understanding of the Holy Quran-II*/Ethics-II	1(0-1)
MCOM-5310	Urdu Language in Digital Media	3(3+0)
MCOM-5311	Fundamentals of Mobile Journalism	3(3+0)
MCOM-5312	Digital Broadcasting	3(3+0)
		Total 17(15-2)
Summer Semester		3(0-3)
MCOM-6341	Internship/Field Experience	
Semester-5		
MCOM-6313	Social Media Management & Marketing	3(3+0)
MCOM-6314	Digital Public Relations	3(3+0)
MCOM-6315	Fundamentals of Digital Journalism	3(3+0)
BUSC-6123	E-Commerce	3(3+0)
**	Course-1 from List	3(x+x)
		Total 15(x-x)
Semester-6		
MCOM-6316	Digital & Social Media Advertising	3(3+0)
MCOM-6317	Search Engine Optimization	3(1+2)
MCOM-6318	Development Communication in Digital Age	3(3+0)
ITDC-5201	Web System and Technology	3(3+0)
**	Course-2 from List	3(x-x)
		Total 15(x-x)
Semester-7		
MCOM-6319	Social Media Data Analytics	3(3+0)
MCOM-6320	International Communication in Digital Age	3(3+0)
MCOM-6321	Search Engine Marketing	3(0-3)

MCOM-6322	Economics of Digital & Social Media	3(3-0)
ITDE-6205	Mobile Application Development	3(1-2)
**	Course-3 from List	3(x-x)
		Total 18(x-x)
Semester-8		
MCOM-6323	Social Media Propaganda & Info. Warfare	3(3-0)
MCOM-6324	Integrated Marketing Communication	3(3-0)
CMPC-5201	Programing Fundamentals	3(3-0)
MCOM-6342	Capstone Project	3(0-3)
**	Course-4 from List	3(x-x)
		Total 15(x-x)

* Muslim Students only

BS in Strategic Communication

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (Compulsory) OR	2(2-0)
URCG-5126	Ethics	
URCG-5123	Applications of Info. Comm. Tec. (ICT)	3(2-1)
MCOM-5401	Introduction to Strategic Communication	3(3-0)
MCOM-5402	Comp. Applications in Strategic Comm.	3(1-2)
MCOM-5403	Fundamentals of Advertising and PR	3(3-0)
		Total 17(14-3)
Semester-2		
URCG-5112	Fables, Wisdom and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)*	1(1-0)
URCG-5129/31	Understanding of the Holy Quran-I*/Ethics-I	1(0-1)
MCOM-5404	Corporate Comm. / Structure and History	3(3-0)
MCOM-5405	Organizational Imperitives & Objectives	3(3-0)
MCOM-5406	Strategic Communication Research	3(3-0)
		Total 20(19-1)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
MCOM-5407	Contemporary Advertising Practice	3(3-0)
MCOM-5408	Theories of Strategic Communication	3(3-0)
MCOM-5409	Ethics & Laws in Strategic Communication	3(3-0)
		Total 17(17-0)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5130/32	Understanding of the Holy Quran-II*/Ethics-II	1(0-1)
MCOM-5410	Corporate Social Responsibility	3(3-0)
MCOM-5411	Corporate Identity, Image & Branding	3(3-0)
MCOM-5412	Brand Communication	3(3-0)
		Total 17(15-2)
Summer Semester		
MCOM-6437	Internship/Field Experience	3(0-3)
Semester-5		
MCOM-6413	Digital Editing (Visual Content)	3(3-0)
MCOM-6414	Social Media and Networking	3(3-0)
MCOM-6415	Brand Photography	3(3-0)
GRAD-5114	Graphic Design-II	3(0-3)
**	Course-1 from List	3(x-x)
		Total 15(12-3)
Semester-6		
MCOM-6416	Stakeholder Relations (Employee, Media and Government)	3(3-0)
MCOM-6417	Creative Strategy & Copy Writing	3(3-0)
MCOM-6418	Multimedia Development & Production	3(3-0)
GRAD-6117	Advertising Design-I	3(0-3)
**	Course-2 from List	3(x-x)
		Total 15(x-x)
Semester-7		
MCOM-6419	Strategic Political Communication	3(3-0)
MCOM-6420	Global Strategic Communication	3(3-0)
MCOM-6421	Project/Case Study	3(0-3)
MCOM-6422	Market Research & Data Analysis	3(3-0)
PSYC-5101	Social Psychology	3(3-0)
**	Course-3 from List	3(x-x)
		Total 18(x-x)
Semester-8		
MCOM-6423	Integrated Marketing Communication	3(3-0)
MCOM-6424	Contemporary Filming (TV and Film Camera Techniques)	3(3-0)
INFM-6430	Information Literacy	3(3-0)
MCOM-6438	Capstone Project	3(0-3)
**	Course-4 from List	3(x-x)
		Total 15(x-x)

* Muslim Students only



BS in Theatre, Film & Television

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (Compulsory) OR	2(2-0)
URCG-5126	Ethics	
URCG-5123	Applications of Information & Communication Technologies (ICT)	3(2-1)
MCOM-5501	Introduction to Film & TV	3(3+0)
MCOM-5502	Conventional and Digital Communication	3(3+0)
MCOM-5503	Introduction to Theatre	3(3+0)
		Total 17(16-1)
Semester-2		
URCG-5112	Fables, Wisdom and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)*	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5129/31	Understanding of the Holy Quran-I*/Ethics-I	1(0-1)
MCOM-5504	Fundamentals of Photography	3(2+1)
MCOM-5505	Audio Production & Sound Design	3(2+1)
MCOM-5506	Communication Research	3(3+0)
		Total 20(17-3)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
MCOM-5507	Audio & Video Editing	3(1+2)
MCOM-5508	Camera Skills and Techniques	3(1+2)
MCOM-5509	Script Writing	3(2+1)
		Total 17(12-5)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5130/32	Understanding of the Holy Quran-II*/Ethics-II	1(0-1)
MCOM-5510	Lighting for Film & TV-I	3(2+1)
MCOM-5511	Film Theory and Criticism	3(3+0)
MCOM-5512	Set Design, Costume and Make-up	3(2+1)
		Total 17(13-4)
Summer Semester		
MCOM-6537	Internship	3(0-3)
Semester-5		
MCOM-6513	Lighting for Film & TV-II	3(0+3)
MCOM-6514	Acting, Improvisation and Devising	3(0+3)
MCOM-6515	Direction	3(2+1)
GRAD-5102	Basics of Design	3(0+3)
**	Course-1 from List	3(x-x)
		Total 15(x-x)
Semester-6		
MCOM-6516	Visual Communication	3(3+0)
MCOM-6517	Animation and Visual Effects	3(1+2)
MCOM-6518	Short Film Production	3(0+3)
GRAD-5109	Graphic Design I	3(0+3)
**	Course-2 from List	3(x-x)
		Total 15(x-x)
Semester-7		
MCOM-6519	TV Production	3(1+2)
MCOM-6520	Communication Theory	3(3+0)
MCOM-6521	Musicology	3(2+1)
MCOM-6522	Documentary Production	3(0+3)
GRAD-5114	Graphic Design II	3(0+3)
**	Course-3 from List	3(x-x)
		Total 18(x-x)
Semester-8		
MCOM-6523	Music Video Production	3(0+3)
MCOM-6524	Marketing & Distribution for Film & TV	3(3+0)
SOCI-6108	Gender Studies	3(3+0)
MCOM-6538	Capstone/Project	3(0+3)
**	Course-4 from List	3(x-x)
		Total 15(x-x)

* Muslim Students only

BS in Media & Communication Studies (5th Semester Intake)

Eligibility: At least 45% marks in or CGPA 2.00 out of 4.00 in BA/BSc/ADA/ADP or equivalent qualification.
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 72 C/Hr.

Code	Course Title	C/Hr.
Semester-1		
UCRG-5129/31	Understanding of Quran-I or Ethics-1	1(1-0)
MCOM-5101	Conventional and Digital Communication	3(3-0)
MCOM-6114	Communication Theories-I	3(3-0)
MCOM-6116	Communication Research-I	3(3-0)
MCOM-6117	Introduction to Film and Theatre	3(3-0)
POLS-5101	Introduction to Political Science	3(3-0)
xxxx-xxxx	Course-I from the list	3(x-x)
		Total 19(x-x)
Semester-2		
MCOM-51047	News Reporting and Sub-Editing	3(3-0)
MCOM-6118	Digital Journalism	3(3-0)
MCOM-6119	Communication Theories-II	3(3-0)

MCOM-6121	Communication Research-II	3(3-0)
URDU-5102	Functional Urdu	3(3-0)
xxxx-xxxx	Course-2 from the list	3(x-x)
		Total 19(x-x)
Summer Semester		
MCOM-6155	Internship	3(0-3)
Semester-3		
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
MCOM-5133	Fundamentals of Broadcast Media	3(3-0)
MCOM-6120	Introduction to Advertising and Public Relations	3(3-0)
MCOM-6122	Opinion Writing	3(2-1)
MCOM-6124	Development Communication	3(3-0)
INFM-6430	Information Literacy	3(3-0)
xxxx-xxxx	Course-3 from List	3(x-x)
		Total 18(x-x)
Semester-4		
MCOM-6123	International Communication	3(3-0)
MCOM-6138	Media Management	3(3-0)
MCOM-6139	Research Report	3(0-3)
GRAD-5114	Graphic Design-II	3(0-3)
MCOM-6154	Capstone Project	3(0-3)
xxxx-xxxx	Course-4 from List	3(x-x)
		Total 18(x-x)
Students will opt one specialization out of the following.		
1. Digital Media		
MCOM-6126	Creative Writing for Digital Media	3(1+2)
MCOM-6127	Social Media Platforms	3(3+0)
MCOM-6142	Convergent Media	3(3+0)
MCOM-6143	Mobile Journalism Production and Broadcasting	3(1+2)
1. Broadcast Media		
MCOM-6128	Radio News Reporting and Production	3(2-1)
MCOM-6129	TV News Reporting and Production	3(2-1)
MCOM-6144	Radio Program Production	3(1+2)
MCOM-6145	TV Program Production	3(1+2)
3. Advertising & Public Relations		
MCOM-6130	Strategic Communication in Digital Age	3(3+0)
MCOM-6131	Public Relations	3(1+2)
MCOM-6146	Advertising	3(1+2)
MCOM-6147	Strategic Communication Campaign Design	3(1+2)
4. Development Support Communications		
MCOM-6132	Development Support Communication	3(3+0)
MCOM-6133	Technology and Social Change	3(3+0)
MCOM-6148	Campaign Designing	3(1+2)
MCOM-6149	Development Journalism	3(1+2)
5. Print Media		
MCOM-6134	Conflict Reporting	3(3+0)
MCOM-6135	Newspaper Production	3(1+2)
MCOM-6150	Sub-Editing and Page Designing	3(2+1)
MCOM-6151	Magazine Production	3(1+2)
5. Film and Theatre		
MCOM-6136	Film (Theory and Practice)	3(2+1)
MCOM-6137	Theatre (Theory and Practice)	3(2+1)
MCOM-6152	Film Production (Project)	3(0+3)
MCOM-6153	Theatre (Project)	3(0+3)



MS Film and TV

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 or equivalent in BS/Masters (16-years of education) in the relevant field - Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements:
For Thesis/Project Track: 26 C/Hr. Course Work + 6 C/Hr. Thesis
For Course Work Track: 26 C/Hr. Course Work + 6 C/Hr. (two courses)

Code	Course Title	C/Hr.
Semester-1		
MCOM-6117	Introduction to Film & TV*	3(3-0)
MCOM-7301	Communication Theory	3(3-0)
MCOM-7303	Cinematography	3(1-2)
MCOM-7302	TV Production	3(1-2)
MCOM-7304	Acting, Improvisation and Devising	3(1-2)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13
Semester-2		
MCOM-5133	Fundamentals of Broadcast Media*	3(3-0)
MCOM-7305	Script Writing	3(2-1)
MCOM-7306	Research Methods in Communication Studies	3(3-0)
MCOM-7307	Film Production	3(1-2)
MCOM-7308	Audio and Sound Design	3(1-2)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13
Semester-3 & 4		
MCOM-6123	International Communication*	3(3-0)
MCOM-7309	Thesis	6(0-6)
MCOM-7310	Visual Communication**	3(3-0)
MCOM-7311	Marketing & Distribution for Film & TV**	3(3-0)
		Total 6(0-6) / Total 6(6-0)
* For intra-disciplinary only		
** For Course Work Track (In lieu of thesis)		

MPhil Communication and Media Studies

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 or equivalent in BS/Masters (16-years of education) in the relevant field - Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements:
For Thesis/Project Track: 26 C/Hr. Course Work + 6 C/Hr. Thesis
For Course Work Track: 26 C/Hr. Course Work + 6 C/Hr. (two courses)

Code	Course Title	C/Hr.
Semester-1		
MCOM-6118	Digital Journalism*	3(3-0)
MCOM-7101	Communication Theories	3(3-0)
MCOM-7102	Communication Research Methods	3(3-0)
MCOM-xxx	To Select from Elective List	3(3-0)
MCOM-xxx	To Select from Elective List	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
MCOM-6122	Opinion Writing*	3(3-0)
MCOM-7103	Media Debate	3(3-0)
MCOM-7104	Academic Writing	3(3-0)
MCOM-xxx	To Select from Elective List	3(3-0)
MCOM-xxx	To Select from Elective List	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 & 4		
MCOM-6123	International Communication*	3(3-0)
MCOM-7117	Thesis	6(0-6)
MCOM-7118	Media and Cultural Studies **	3(3-0)
MCOM-7119	Digital Media Marketing and Management **	3(3-0)
		Total 6(0-6) / Total 6(6-0)

* For intra-disciplinary only

** For Course Work Track (In lieu of thesis)

PhD Media and Communication Studies

Eligibility: MPhil/MS (18 years of Education) in the relevant field with at least 1st Division or CGPA 3.0 out 4.0 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks)
OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	
Semester-1		
MCOM-8101	Advances in Communication Research	3(3-0)
MCOM-81xx	Optional - 1	3(3-0)
MCOM-81xx	Optionl - 2	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
MCOM-8102	Theories of Media, Culture and Society	3(3-0)
MCOM-81xx	Optional - 1	3(3-0)
MCOM-81xx	Optional - 2	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 to 6		
	Thesis	
Optional Courses		
MCOM-8103	Philosophy of Social Sciences	3(3-0)
MCOM-8104	Global Media System	3(3-0)
MCOM-8105	Quantitative and Qualitative Data Analysis Techniques	3(3-0)
MCOM-8106	Theories of Strategic Communication	3(3-0)
MCOM-8107	Media Policy	3(3-0)
MCOM-8108	International Communication	3(3-0)
MCOM-8109	Research Writing	3(3-0)
MCOM-8110	Social Media Analytics	3(3-0)
MCOM-8111	Political Communication	3(3-0)
MCOM-8112	Intercultural Communication	3(3-0)
MCOM-8113	Islam and Global Media	3(3-0)



DEPARTMENT OF

ENGLISH LANGUAGE & LITERATURE



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Lecturer

Imran Adeel
Lecturer

Qamar Hussain
Lecturer

Mubashir Altaf
Lecturer (on leave)

Rashid Behram Khan
Lecturer

Naveed Yousaf
Lecturer

Asad Ullah
Lecturer

BS in English (Language and Literature)

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Year
Semesters: 8
Degree Requirements: 143 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information and	3(2-1)
	Communication Technologies (ICT)	
ENGL-5201	History of English Literature	3(3-0)
ENGL-5202	Introduction to Literary Devices and Genres	3(3-0)
ENGL-5203	18th Century English Novel	3(3-0)
URCG-5129/31	Understanding of the Holy Quran-I/Ethics-I	1(0-1)
		Total 18(16-2)
Semester-2		
URCG-5112	Fables, Wisdom Literature and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)***	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
ENGL-5204	Early English Prose	3(3-0)
ENGL- 5205	Classical Poetry	3(3-0)
ENGL-5206	Literary Criticism-I	3(3-0)
		Total 19(19-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
ENGL-5207	Classical Drama	3(3-0)
ENGL-5208	Romantic Poetry	3(3-0)
ENGL-5209	Literary Criticism-II	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 18(17-1)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
ENGL-5210	Shakespearean Drama	3(3-0)
ENGL-5211	Victorian and Early Modern Novel	3(3-0)
ENGL-5212	Victorian Poetry	3(3-0)
		Total 16(15-1)
Summer Semester		
ENGL-5213	Internship	3(0-3)
Semester-5		
ENGL-6449	Introduction to Linguistics	3(3-0)
ENGL-6450	Literature & Philosophy	3(3-0)

ENGL-6414	Modern English Novel	3(3-0)
ENGL-6415	20th Century Poetry	3(3-0)
ENGL-6416	Modern Drama-I	3(3-0)
ENGL-6417	Literary Stylistics	3(3-0)
		Total 18(18-0)
Semester-6		
ENGL-6451	Introduction to Psychology	3(3-0)
ENGL-6418	Modern Critical Theories and Practices	3(3-0)
ENGL-6419	American Literature	3(3-0)
ENGL-6420	20th Century Prose	3(3-0)
ENGL-6421	Research Methodology	3(3-0)
ENGL-6422	Narratology	3(3-0)
		Total 18(18-0)
Semester-7		
ENGL-6452	Applied Linguistics	3(3-0)
ENGL-6423	Modern Drama-II	3(3-0)
ENGL-6424	Pakistani Literature in English	3(3-0)
ENGL-6425	Islam and Modern English Prose	3(3-0)
ENGL-6426	Post-Colonial Novel	3(3-0)
ENGL-6427	Capstone Project **	3(0-3)
		Total 18(15-3)
Semester-8		
ENGL-6428	Creative Writing	3(3-0)
ENGL-6429	Literature in Language Classroom	3(3-0)
ENGL-6430	Contemporary Language Teaching Methods and Practices	3(3-0)
ENGL-6431	South Asian Literature	3(3-0)
ENGL-6432	Literary Discourse Analysis	3(3-0)
		Total 15(15-0)

BS in English (Literature), 5th Semester Intake

Eligibility: At least CGPA 2.00 out of 4.00 in AD programs in English or related under the semester system. OR
At least 45% marks in BA/BSc/ADA/ADS/ADC in annual system and AD program other than AD English or equivalent in semester system.
Duration: 2 Year
Semesters: 4
Degree Requirements: 74-89 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
ENGL-6449	Introduction to Linguistics	3(3-0)
ENGL-6450	Literature & Philosophy	3(3-0)
ENGL-6414	Modern English Novel	3(3-0)
ENGL-6415	20th Century Poetry	3(3-0)
ENGL-6416	Modern Drama-I	3(3-0)
ENGL-6417	Literary Stylistics	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
ENGL-5214	18th Century and Victorian Novel	3(3-0)
		Total 19(18-1)
Semester-2		
ENGL-6451	Introduction to Psychology	3(3-0)
ENGL-6418	Modern Critical Theories and Practices	3(3-0)
ENGL-6419	American Literature	3(3-0)
ENGL-6420	20th Century Prose	3(3-0)
ENGL-6421	Research Methodology	3(3-0)
ENGL-6422	Narratology	3(3-0)
ENGL-5206	Literary Criticism-I	3(3-0)
		Total 18(18-0)
Summer Semester		
ENGL-5213	Internship	3(0-3)
Semester-3		
ENGL-6452	Applied Linguistics	3(3-0)
ENGL-6423	Modern Drama-II	3(3-0)
ENGL-6424	Pakistani Literature in English	3(3-0)
ENGL-6425	Islam and Modern English Prose	3(3-0)
ENGL-6426	Post-Colonial Novel	3(3-0)
ENGL-6425	Islam and Modern English Prose	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
ENGL-6427	Capstone Project **	3(3-0)
ENGL-5215	Classical and Shakespearean Drama	3(3-0)
		Total 19(18-1)
Semester-4		
ENGL-6428	Creative Writing	3(3-0)
ENGL-6429	Literature in Language Classroom	3(3-0)
ENGL-6430	Contemporary Language Teaching Methods and Practices	3(3-0)
ENGL-6431	South Asian Literature	3(3-0)
ENGL-6432	Literary Discourse Analysis	3(3-0)
ENGL-5204	Early English Pros	3(3-0)
ENGL-5216	Classical and Romantic Poetry	3(3-0)
		Total 15(15-0)

MPhil English Literature

Eligibility: At MA/MSc/BS 5th Intake/BS 4-Year or equivalent (16-yeas of Education) in the relevant or equivalent degree from HEC recognized institution with at least second division or CGPA 2.00 out of 4.00
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
Core/General Course		
ENGL-7201	Research Methodology	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
Elective Courses		
ENGL-7203	20th Century British Literature	

ENGL-7204	Romantic Literature	3(3-0)
ENGL-7209	American Literature	3(3-0)
ENGL-7211	Shakespeaream Studies	3(3-0)
ENGL-7214	Text and Discourse Analysis	3(3-0)
ENGL-7215	Language, Culture and Identity	3(3-0)
ENGL-7216	Greek Literature	3(3-0)
ENGL-7218	Gender Studies	3(3-0)
Semester-2		
Core/General Courses		
ENGL-7202	Modern Critical Theories	3(3-0)
URCG-5130/32	Understanding of Holy Quran - II / Ethics-II	1(0-1)
Elective Courses		
ENGL-7205	Narratology	3(3-0)
ENGL-7206	Children Literature	3(3-0)
ENGL-7207	Modern Drama	3(3-0)
ENGL-7208	Pakistani Literature in English	3(3-0)
ENGL-7210	Postcolonial Literature	3(3-0)
ENGL-7212	Modern Poetry	3(3-0)
ENGL-7217	South Asian Literature	3(3-0)
Semester-3-4		
ENGL-7219	Dissertation	6(0-6)
List of Deficiency Courses		
ENGL-5214	18th Century and Victorian Novel	3(3-0)
ENGL-5206	Literary Criticism-I	3(3-0)
ENGL-5215	Classical and Shakespeaream Drama	3(3-0)
ENGL-5204	Early English Prose	3(3-0)
ENGL-5216	Classical and Romantic Poetry	3(3-0)





PhD in English Literature

Eligibility: MPhil/MS English in the relevant field from at HEC recognized institution with at least CGPA 3.0 out 4.0 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks)
OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
Core/General Course		
ENGL-8201	Research Methods in Literature	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
Elective Courses		
ENGL-8203	Classical Literature	3(3-0)
ENGL-8205	Rewriting Classical Fiction	3(3-0)
ENGL-8206	Gothic Literature	3(3-0)
ENGL-8208	Narratology	3(3-0)
ENGL-8209	Literary Stylistics	3(3-0)
ENGL-8213	Modern Critical Theories	3(3-0)
ENGL-8214	Women Writings	3(3-0)
Semester-2		
Core/General Courses		
ENGL-8202	Perspectives in Modern and Contemporary Literary Studies	3(3-0)
URCG-5130/32	Understanding of Holy Quran - II / Ethics-II	1(0-1)
Elective Courses		
ENGL-8204	Literature in Translation	3(3-0)
ENGL-8207	Postcolonial Literature	3(3-0)
ENGL-8210	Travel Writing	3(3-0)
ENGL-8211	South Asian Literature	3(3-0)
ENGL-8212	Comparative Literature	3(3-0)
ENGL-8215	Research Seminar	3(3-0)
Semester-3 to 6	ENGL-8216 Dissertation	6(0-6)

DEPARTMENT OF

ENGLISH LANGUAGE & LINGUISTICS



Dr. Ijaz Asghar
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Aisha Umer
Lecturer

Bushra Amil
Lecturer (on ex-Pakistan leave)

Qasim Dad
Lecturer

Shaista Hassan
Lecturer

Naima Batool
Lecturer (on study leave)

Sana Nawaz
Lecturer

BS in English (Language & Linguistics)

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Year
Semesters: 8
Degree Requirements: 135 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information and Communication Technologies (ICT)	3(2-1)
URCG-5129/31	Understanding of Holy Quran-I***/Ethics-I	1(0-1)
ENGL-5301	Introduction to Linguistics	3(3-0)
ENGL-5302	Language Comprehension & Presentation Skills	3(3-0)
ENGL-5303	Introduction to Phonetics & Phonology	3(3-0)
		Total 18(16-2)
Semester-2		
URCG-5112	Fables, Wisdom Literature and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)***	1(1-0)
ENGL-5304	Introduction to Morphology	3(3-0)
ENGL-5305	Theoretical Approaches to Syntax	3(3-0)
ENGL-5306	Introduction to Semantics	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 19(19-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
ENGL-5307	Functional Approaches to Syntax	3(3-0)
ENGL-5308	Applied Linguistics	3(3-0)
ENGL-5309	Sociolinguistics	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II***/Ethics-II	1(0-1)
		Total 18(17-1)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
ENGL-5310	Studies in Pragmatics	3(3-0)
ENGL-5311	Latest Trends in Linguistics	3(3-0)
ENGL-5312	Digital Humanities	3(3-0)
		Total 16(15-1)
Summer Semester		
ENGL-5313	Internship	3(0-3)
Semester-5		
ENGL-6501	Greek & Renaissance Literature	3(3-0)
ENGL-6514	Second Language Acquisition & Development	3(3-0)
ENGL-6515	Literary Stylistics	3(3-0)

ENGL-6516	Corpus Linguistics	3(3-0)
ENGL-6517	Quantitative Research Methods in Linguistics	3(3-0)
		Total 15(15-0)
Semester-6		
ENGL-6502	Introduction to English Poetry	3(3-0)
ENGL-6518	Linguistic Stylistics	3(3-0)
ENGL-6519	Genre Analysis & Pedagogy	3(3-0)
ENGL-6520	TESOL	3(3-0)
ENGL-6521	Qualitative Research Methods in Linguistics	3(3-0)
ENGL-6522	English for Specific Purposes (ESP)	3(3-0)
		Total 18(18-0)
Semester-7		
ENGL-6503	English Fiction	3(3-0)
ENGL-6523	World Englishes	3(3-0)
ENGL-6524	Language & Gender	3(3-0)
ENGL-6525	Ethnographic Linguistics	3(3-0)
ENGL-6526	Capstone Project**	3(0-3)
		Total 15(12-3)
Semester-8		
ENGL-6504	Modern and Contemporary Literature	3(3-0)
ENGL-6527	Critical Discourse Studies	3(3-0)
ENGL-6528	Introducing Rhetoric and Literary Studies	3(3-0)
ENGL-6529	Psycholinguistics	3(3-0)
ENGL-6530	Anthropological Linguistics	3(3-0)
		Total 15(15-0)

*Internship shall be offered after 4th semester for fall intake and after 5th semester for spring intake programmes in summer break only.
**Capstone Project shall be offered in 7th or 8th semester depending upon availability of the relevant faculty.
*** Translation of the Holy Quran and Seerat of the Holy Prophet

MPhil English (Linguistics)

Eligibility: The candidate must have passed MA/MSc/BS 4-Year or equivalent (16 years of Education) in the relevant field or equivalent degree from HEC recognized institution with at least second Division or CGPA 2.00 out of 4.00 + Departmental test (at least 50% marks)
Duration: 1.5 - 4 Years
Semesters: 3-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Core Courses		
ENGL-7301	Research Methods in Linguistics (Semester-I)	3(3-0)
ENGL-7302	Applied Linguistics (Semester-II)	3(3-0)
Elective Subjects for M. Phil English Linguistics (Semester-I)		
ENGL-7303	Modern Linguistic Theories	3(3-0)
ENGL-7304	Syntactical Theories	3(3-0)
ENGL-7305	Critical Discourse Studies	3(3-0)
ENGL-7306	Corpus Linguistics	3(3-0)
ENGL-7307	Sociolinguistics	3(3-0)
ENGL-7308	Cognitive Linguistics	3(3-0)
ENGL-7309	Language and Technology	3(3-0)
ENGL-7318	English for Specific Purposes (ESP)	3(3-0)
Elective Subjects for M. Phil English Linguistics (Semester-II)		
ENGL-7310	Advanced Stylistics	3(3-0)
ENGL-7311	Anthropological Linguistics	3(3-0)
ENGL-7312	Systemic Functional Linguistics	3(3-0)
ENGL-7313	Genre Analysis	3(3-0)
ENGL-7314	Multilingualism	3(3-0)
ENGL-7315	Phonetics and Phonology	3(3-0)
ENGL-7316	Theoretical Foundations of Morphology	3(3-0)
ENGL-7317	World Englishes	3(3-0)
ENGL-7319	Humour Linguistics	3(3-0)

General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
Semester-3 and 4		
URCG-7320	Dissertation	6(0-6)

In addition to one core course in each semester, any three elective courses will be offered on the basis of availability of subject teachers and resources and will be decided by the department.



PhD English (Linguistics)

Eligibility: MPhil/MS in the relevant field or equivalent from HEC recognized institution with at least CGPA 3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Core Courses		
ENGL-8301	Theoretical Linguistics (Core) Semester-I	3(3-0)
ENGL-8302	Advanced Research Methods in Linguistics (Core)	3(3-0)
	Semester-II	
Elective Subjects for PhD English (Linguistics) Semester-I		
ENGL-8303	Cognitive Linguistics	3(3-0)
ENGL-8304	Phonetics and Phonology	3(3-0)
ENGL-8305	Sociolinguistics	3(3-0)
ENGL-8306	Applied Linguistics	3(3-0)
ENGL-8307	Discourse Analysis	3(3-0)
ENGL-8308	Syntax and Syntactical Theories	3(3-0)
ENGL-8309	Advanced Stylistics	3(3-0)
ENGL-8310	Anthropological Linguistics	3(3-0)
ENGL-8311	Systemic Functional Linguistics	3(3-0)
Elective Subjects for PhD English (Linguistics) Semester –II		
ENGL-8312	Critical Discourse Studies	3(3-0)
ENGL-8313	Genre Analysis	3(3-0)
ENGL-8314	Morphology & its Theoretical Foundations	3(3-0)
ENGL-8315	World Englishes	3(3-0)
ENGL-8316	English for Specific Purposes (ESP)	3(3-0)
ENGL-8317	Humour Linguistics	3(3-0)
ENGL-8318	Digital Humanities and Corpus Linguistics	3(3-0)
ENGL-8319	Language and Gender Studies	3(3-0)

General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
Semester 3-4		
ENGL-8111	Dissertation	

In addition to one core course in each semester, any two elective courses will be offered on the basis of availability of subject teachers and resources.



DEPARTMENT OF INFORMATION MANAGEMENT



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Dr. Waqar Ahmad Awan
Assistant Professor (on deputation)

Dr. Muhammad Asif Ali
Lecturer

Dr. Asim Mehmood Khan
Lecturer

BS in Information Management

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG- 5118	Functional English	3(3-0)
URCG-5123	Applications of Info. Comm. Tech. (ICTs)	3(2-1)
URCG-5105	Islamic Studies (Compulsory) OR	2(2-0)
UQCG-5126	Ethics (For Non-Muslim Students)	
INFM-5101	Foundation of Information based Organizations	3(3-0)
INFM-5102	Information Services and Sources	3(3-0)
INFM-5103	Personality Dev. and Communication Skills	3(3-0)
URCG-5129	Understanding of Holy Quran-I OR	1(0-1)
URCG-5131	Ethics-I	
		Total 18(16-2)
Semester-2		
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5112	Fables, Wisdom, and EPICS	2(2-0)
URCG-5116	Sciences of Society-I	2(2-0)
INFM-5104	Organization of Information	3(3-0)
INFM-5105	Human Information Behavior	3(3-0)
INFM-5106	Manag. of Libraries and Information Centers	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 19(19-0)
Semester-3		
URCG- 5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
INFM-5107	Applied Classification	3(3-0)
INFM-5108	Library and Information Services in Pakistan	3(3-0)
INFM-5109	Information Literacy Instruction	3(3-0)
URCG-5130	Understanding of Holy Quran – II OR	1(0-1)
URCG-5132	Ethics-II	
		Total 18(17-1)
Semester-4		
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics & Community Engagement	2(2-0)
URCG-5114	Course-I: Basic Science	3(2-1)
INFM-5110	Online Information Retrieval	4(3-1)
INFM-5111	Applied Cataloging	4(3-1)
		Total 15(12-3)
Semester-5		
MCOM-5101	Intro. to Conventional and Dig. Communication	3(3-0)
INFM-6113	Marketing of Library and Information Services	3(3-0)
INFM-6114	Resource Sharing and Networking	3(3-0)
INFM-6115	Quantitative Research Methods	3(3-0)

INFM-6116	Advance Management and Leadership Skills	3(3-0)
		Total 15(15-0)
Semester-6		
INFM-6117	Managing Collections and Online Access	3(3-0)
BUSB-6106	Human Resource Management	3(3-0)
INFM-6118	Indexing and Abstracting	3(3-0)
INFM-6119	Qualitative Research Methods	3(3-0)
INFM-6120	Application of Information Systems	3(3-0)
		Total 15(15-0)
Summer Semester		
INFM-6112	Field Experience/Internship	3(3-0)
Semester-7		
INFM-6121	Library Automation Systems	3(3-0)
INFM-6122	Information Sources (Humanities, Social Sciences, Scientific, and Technical)	3(3-0)
BUSM-7104	Project Management	3(3-0)
INFM-6123	Personal Information Management	3(3-0)
INFM-6124	Electronic Resources Management	3(3-0)
		Total 15(15-0)
Semester-8		
ITDC-5201	Web System and Technology	3(3-0)
INFM-6125	Knowledge Management	3(3-0)
INFM-6126	Digital Libraries	3(3-0)
INFM-6127	Information Ethics and Policy	3(3-0)
INFM-6128	*Capstone Project	3(0-3)
		Total 15(12-3)

* This project, requires faculty supervision and evaluation following department/university guidelines

BS in Information Management (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BA/BSc/ADA/ADP or equivalent qualification

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 66 Credit hours

Code	Course Title	C/Hr.
Semester-1		
MCOM-5101	Introduction to Conventional and Digital Communication	3(3-0)
INFM-6113	Marketing of Library and Information Services	3(3-0)
INFM-6114	Resource Sharing and Networking	3(3-0)
INFM-6115	Quantitative Research Methods	3(3-0)
INFM-6116	Advance Management and Leadership Skills	3(3-0)
INFM-5101	Foundation of Information Based Organization*	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 16-19
Semester-2		
BUSB-6106	Human Resource Management	3(3-0)
INFM-6117	Managing Collections and Online Access	3(3-0)
INFM-6118	Indexing and Abstracting	3(3-0)
INFM-6119	Qualitative Research Methods	3(3-0)
INFM-6120	Application of Information Systems	3(3-0)
INFM-5104	Organization of Information*	3(3-0)
INFM-5107	Applied Classification*	3(3-0)
		Total 15-21
Summer Semester		
INFM-6112	Field Experience/Internship	3(0-3)
Semester-3		
BUSM-7104	Project Management	3(3-0)
INFM-6121	Library Automation Systems	3(3-0)
INFM-6122	Information Sources (Humanities, Social Sciences, Scientific and Technical)	3(3-0)
INFM-6123	Personal Information Management	3(3-0)
INFM-6124	Electronic Resources Management	3(3-0)
URCG-5130	Understanding of Holy Quran – II OR	1(0-1)
URCG-5132	Ethics-II	
INFM-5111	Applied Catalog*	3(3-0)
		Total 16-19
Semester-4		
ITDC-5201	Web System and Technology	3(3-0)
INFM-6125	Knowledge Management	3(3-0)
INFM-6126	Digital Libraries	3(3-0)
INFM-6127	Information Ethics and Policy	3(3-0)
INFM-6128	Capstone Project**	3(0-3)
INFM-5110	Online Information Retrieval*	3(0-3)
		Total 15-18

* Deficiency Courses

** This project, requires faculty supervision and evaluation following department/university guidelines



MPhil Information Management

Eligibility: At least 2.0/4.0 CGPA or 2nd division in MA/BSLIS/BS IM MLIS or equivalent + departmental test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements:
26 C/Hr. Course Work + 6 C/Hr. Thesis
26 C/Hr. Course Work + 6-9 C/Hr. Deficiency Courses + 6 C/Hr. Thesis (For intra-disciplinary MPhil)

Code	Course Title	C/Hr.
Semester-1		
INFM-XXXX	Select any one course from deficiency courses	3(3-0)
INFM-7101	Theoretical Foundations of Library & Information Sci.	3(3-0)
INFM-7102	Quantitative Research Methods	3(3-0)
INFM-71XX	Select any one course from elective courses	3(3-0)
INFM-71XX	Select any one course from elective courses	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
INFM-XXXX	Select any one course from deficiency courses	3(3-0)
INFM-7103	Research Seminar	3(3-0)
INFM-7104	Qualitative Research Methods	3(3-0)
INFM-71XX	Select any one course from elective courses	3(3-0)
INFM-71XX	Select any one course from elective courses	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 & 4		
INFM-XXXX	Select any one course from deficiency courses	3(3-0)
INFM-7112	Thesis/ Project	6(0-6)
Courses in Lieu of Thesis		
INFM-71XX	Select any one course from elective courses	3(3-0)
INFM-71XX	Select any one course from elective courses	3(3-0)
List of Deficiency Courses		
INFM-5102	Information Services and Sources	3(3-0)
INFM-5105	Human Information Behavior	3(3-0)
INFM-5109	Information Literacy Instruction	3(3-0)
INFM-5110	Online Information Retrieval	3(3-0)
INFM-6127	Information Ethics & Policy	3(3-0)

* Select two/three courses from the list of deficiency courses of level 6.

List of Mandatory/Compulsory/Core Curses		
INFM-7101	Theoretical Foundations of Library and Information Science	3(3-0)
INFM-7102	Quantitative Research Methods	3(3-0)
INFM-7103	Research Seminar	3(3-0)
INFM-7104	Qualitative Research Methods	3(3-0)
List of Elective Courses		
INFM-7105	Communication Skills for Information Professionals	3(3-0)
INFM-7106	Development of Libraries and Information Services in Pakistan	3(3-0)
INFM-7107	Application of Emerging Technologies in Information Organizations	3(3-0)
INFM-7108	Informetrics	3(3-0)
INFM-7109	Organization of Information	3(3-0)
INFM-7110	Management Information Systems	3(3-0)
INFM-7111	Information and Knowledge Management	3(3-0)
INFM-7112	Application of Linked Data Technologies in Libraries	3(3-0)
INFM-7113	Digital Content Management	3(3-0)
INFM-7114	Independent Study	3(0-3)
Thesis		
INFM-7115	Thesis/Project	6(0-6)

PhD Information Management

Eligibility: At least 3.0/4.0 CGPA or 1st division in MPhil LIS/IM with 06 credit hour research work or equivalent + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years | **Semesters:** 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
INFM-8101	Mixed Methods Research (Core)	3(3-0)
INFM-8102	Statistical Methods for Information Professionals	3(3-0)
INFM-XXXX	To be selected from the optional courses	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I /Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
INFM-8103	Seminar in Advance Research (Core)	3(3-0)
INFM-XXXX	To be selected from the optional courses	3(3-0)
INFM-XXXX	To be selected from the optional courses	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3-10		
INFM-8114	Dissertation / Research Project / Thesis	
List of Optional Courses		
INFM-8104	Critical Thinking & Academic Writing	3(3-0)
INFM-8105	Seminar in Information Behavior	3(3-0)
INFM-8106	Information Literacy: Research & Applications	3(3-0)
INFM-8107	Professional Philosophy, Values, and Ethics	3(3-0)
INFM-8108	Digital Content Management	3(3-0)
INFM-8109	Research Data Management Services	3(3-0)
INFM-8110	Informetrics	3(3-0)
INFM-8111	Linked Data Application in Libraries	3(3-0)
INFM-8112	Global Perspectives in Library & Information Science	3(3-0)
INFM-8113	Teaching Practicum (3-6 credits)	3(3-0)

DEPARTMENT OF ISLAMIC STUDIES



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Assistant Professor

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Assistant Professor

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Assistant Professor

Dr. Misbah-ul-Hassan
Assistant Professor

BS in Islamic Studies

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4-6 Years
Semesters: 8-12
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG- 5118	Functional English	3(3-0)
URCG-5123	Applications of Info. Comm. Tech. (ICTs)	3(2-1)
URCG-5105	Islamic Studies (Compulsory) OR	2(2-0)
URCG-5126	Ethics (For Non-Muslim Students)	
ISLS-5117	History and Compilation of Hadith	3(3-0)
ISLS-5111	Introduction to the Topics of Holy Qur'an	3(3-0)
ISLS-5112	Arabic Language	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 18(16-2)
Semester-2		
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5112	Fables, Wisdom, and EPICS	2(2-0)
URCG-5116	Sciences of Society-I	2(2-0)
URCG-5127	Seerat of the Holy Prophet (SAW) **	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
ISLS- 5113	Arabic Through Qur'anic Text	3(3-0)
ISLS-6209	Study of Sirah of Holy Prophet (PBUH)	3(3-0)
ISLS -5114	Islamic Morals	3(3-0)
		Total 19(19-0)
Semester-3		
URCG- 5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
ISLS-5118	Study of Islamic Fiqh	3(3-0)
ISLS- 5115	Ulum-al-Qur'an	3(3-0)
ISLS -5116	Cultural History of Islam	3(3-0)
URCG-5130/31	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 18(17-1)
Semester-4		
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics & Community Engagement	2(2-0)
URCG-5114	Basic Science	3(2-1)
ISLS-6214	Ulum-al-Hadith	3(3-0)
ISLS-6213	Usul-al- Fiqh	3(3-0)
ISLS -6217	Ethics of Disagreement in Islam	3(3-0)
		Total 16(15-1)
Semester-5		
FINA-6104	Biginning of Islamic Art and Architecture	3(3-0)
ISLS -6215	Textual Study of Muslim Family Laws	3(3-0)
ISLS -6210	History of Tafsir and its Principles	3(3-0)
ISLS -6211	Textual Study of Al-Qur'an-I	3(3-0)
ISLS- 6222	Methodology of Research in Islamic Studies	3(3-0)
		Total 15(15-0)

Semester-6		
INFM-6430	Information Literacy	3(3-0)
ISLS- 6216	Textual Study of Al-Qur'an – II	3(3-0)
ISLS- 6212	Textual Study of Al-Hadith	3(3-0)
ISLS- 6220	Al- Dawah wal Irshad	3(3-0)
ISLS- 6221	Islam & Science	3(3-0)
ISLS-6225	Study of Islamic Fiqh I (فقہ المالیات)	3(3-0)
		Total 18(18-0)
Summer Semester		
ISLS-6229	Internship	3(0-3)
Semester 7		
PSYC-5116	Islamic Psychology & Emerging Challanges	3(3-0)
ISLS-6226	Study of Islamic Fiqh II (فقہ الجنایات)	3(3-0)
ISLS -6230	Comparative Study of World Religions-I	3(3-0)
ISLS-6231	Muslim World Resources & Problems-I	3(3-0)
ISLS- 6223	Introduction to Shurooh Kutub e Hadith	3(3-0)
ISLS-6232	Thesis/Capstone Project**	3(0-3)
		Total 18(15-3)
Semester-8		
BUSC-6216	Islamic Banking	3(3-0)
ISLS -6233	Comparative Study of World Religion-II	3(3-0)
ISLS-6234	Muslim World Resources & Problems-II	3(3-0)
ISLS- 6228	Philosophy and 'Ilm al-Kalam	3(3-0)
ISLS -6227	Objectives of Shari'ah	3(3-0)
		Total 15(15-0)

BS in Islamic Studies (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BA/BSc/ADP or equivalent.
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 68 credit hours

Code	Course Title	C/Hr.
Semester-1		
FINA-6104	Beginning of Islamic Art and Architecture	3(3-0)
ISLS-5111	Introduction to the Topics of Holy Qur'an	3(3-0)
ISLS-5117	History and Communication of Hadith	3(3-0)
ISLS-6215	Textual Study of Muslim Family Laws	3(3-0)
ISLS-6220	History of Tafsir and its Principles	3(3-0)
ISLS-6211	Textual Study of Al-Qur'an-I	3(3-0)
ISLS-6222	Methodology of Research in Islamic Studies	3(3-0)
		Total 15(15-0)
Semester-2		
INFM-6430	Information Literacy	3(3-0)
ISLS-5112	Arabic Language	3(3-0)
ISLS-6216	Textual Study of Al-Qur'an-II	3(3-0)
ISLS-6212	Textual Study of Al-Hadith	3(3-0)
ISLS-6220	Al-Dawah wal Irshad	3(3-0)
ISLS-6221	Islam and Science	3(3-0)
ISLS-6225	Study of Islamic Fish-I	2(2-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 19(18-1)
Summer Semester		
ISLS-5229	Internship	3(3-0)
Semester-3		
PSYC-5116	Islamic Psychology & Emerging Challenges	3(3-0)
ISLS-6226	Study of Islamic Fiqh-II	3(3-0)
ISLS-6230	Comparative Study of World Religions-I	3(3-0)
ISLS-6231	Muslim World Resources & Problems-I	3(3-0)
ISLS-6223	Introduction to Shurooh Kutub e Hadith	3(3-0)
ISLS-6232	Thesis/Captone Project	3(0-3)
		Total 19(15-4)
Semester-4		
BUSC-6216	Islamic Banking	3(3-0)
ISLS-6209	Study of Sirah of Holy Prophet (PBUH)	3(3-0)
ISLS-6213	Usul-al-Fiqh	3(3-0)
ISLS-6233	Comparative Study of World Religions-II	3(3-0)
ISLS-6234	Muslim World Resources & Problems-II	3(3-0)
ISLS-6228	Philosophy and Ilm al-Kalam	3(3-0)
ISLS-6227	Objectives of Shariah	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 15(15-0)

MPhil Islamic Studies

Eligibility: MA/BS 4-years/BS (5th Semester Intake after 14 years of education) in Islamic Studies / Shahadah al Almiyyah with BA/ADA (English Compulsory) etc or equivalent degree with at least 2nd division or CGPA 2.0 out of 4.0 +
Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements:
For Thesis Track: 26 C/Hr. Course Work + 6 C/Hr. Thesis
For Course Work Track: 26 C/Hr. Course Work + 6 C/Hr. (two courses)

Code	Course Title	C/Hr.
List of Deficiency Courses		
ISLS-6210	History of Tafsir and its Principles	3(3-0)
ISLS-6213	Usul-al-Fiqh	3(3-0)
ISLS-6214	Ulum-al-Hadith	3(3-0)
ISLS-6220	Al-Dawahwal Irshad	3(3-0)
ISLS-5112	Arabic Language	3(3-0)
List of Mandatory/Compulsory/Core Courses		
ISLS-7101	Uloom-ul-Quran	3(3-0)
ISLS-7102	Principles of Hadith and it Sciences	3(3-0)
ISLS-7103	Comparative Analysis of World Religions	3(3-0)
ISLS-7104	Research Methodology	3(3-0)
List of Elective Courses		
ISLS-7105	Research Methodology	3(3-0)
ISLS-7106	Tafseer-ul-Quran (Textual Study)	3(3-0)
ISLS-7107	Study of Hadith (Textual Study)	3(3-0)
ISLS-7108	Sources of Islamic Sciences	3(3-0)

ISLS-7109	Arabic Language ad Literature	3(3-0)
ISLS-7110	Modern Sources of Seerah Literature	3(3-0)
ISLS-7111	Islamic Economics System: A Comparison with	3(3-0)
	Modern Economics Thoughts	3(3-0)
ISLS-7112	Ethics of Dialogue and Assessment in Islam	3(3-0)
General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
Thesis		
	Thesis	

PhD Islamic Studies

Eligibility: MPhil/MSc(Hons)/MS (18 years of Education) or equivalent degree with at least 1st Division or CGPA 3.0 out 4.0 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of Deficiency Courses		
ISLS-7108	Sources of Islamic Sciences	3(3-0)
ISLS-7109	Arabic Language and Literature	3(3-0)
ISLS-7114	Ethics of Dialogue and Disagreement in Islam	3(3-0)
List of Core Courses		
ISLS-8101	Qura'anic Sciences and Tafseer	3(3-0)
ISLS-8102	Hadith Criticism, its Sciences	3(3-0)
ISLS-8103	Principles of Research in Islamic Studies	3(3-0)
ISLS-8104	Contemporary Muslim World and its Movements	3(3-0)
List of Elective Courses		
ISLS-8105	Islamic Jurisprudence in the Contemporary Persitves	3(3-0)
ISLS-8106	Modern Muslim Thinkers	3(3-0)
ISLS-8107	Islamic Economics in comparison with Modern Economics System	3(3-0)
ISLS-8108	Ijtihad: its Principles and Methodologies	3(3-0)
ISLS-8109	Islam and Modern: Western Thought	3(3-0)
ISLS-8110	Challenges of Eawah in the West	3(3-0)
General Education Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
Thesis		
	Thesis	



DEPARTMENT OF PERSIAN LANGUAGE AND LITERATURE

FACULTY

Dr. Hafiz Mansoor Ahmad
Assistant Professor

Dr. Qaiser Mehmood
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Muhammad Nouman Zahid
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Dr. Ali Ahmad Shirazi
Assistant Professor / Incharge

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BS in Persian

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or Equivalent qualification
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester 1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCQ-5129/31	Understanding of the Holy Quran-I/Ethics-I	1(0-1)
PERS-6151	Applied Grammar (I)	3(3-0)
PERS-6152	Iranology	3(3-0)
PERS-6122	Classical Persian Prose in Iran-I	3(3-0)
		Total 18(16-2)
Semester 2		
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
PERS-6153	Applied Grammar (II)	3(3-0)
PERS-6123	Classical Persian Poetry in Iran-I	3(3-0)
PERS-5110	Persian Prose and Poetic Genres	3(3-0)
		Total 18(18-0)
Semester 3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of the Holy Quran-II/Ethics-II	1(0-1)
PERS-5105	Rhetoric & Prosody	3(3-0)
PERS-6136	Iqbal Studies	3(3-0)
PERS-6121	Applied Grammar (III)	3(3-0)
		Total 18(17-1)
Semester 4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
PERS-6133	Classical Persian Prose in Sub-Contient	3(3-0)
PERS-6125	Persian Literary Sources-I	3(3-0)
PERS-6121	History of Persian Literature in Iran-I	3(3-0)
		Total 16(15-1)
Summer Semester		
PERS-6160	Field experience / internship	3(0-3)
Semester 5		
HIST-6158	Introduction to History	3(0-3)
PERS-6124	Persian Literary Criticism I	3(3-0)
PERS-6128	Classical Persian Prose in Iran-II	3(3-0)

PERS-6129	Classical Persian Poetry in Iran-II	3(3-0)
PERS-6155	Spoken Persian and Translation I	3(3-0)
PUNJ-5112	Introduction to Punjabi	3(0-3)
URDU-5102	Introduction to Urdu	3(0-3)
		Total 21(15-6)

Note: Students have to opt one course out of PUNJ-5112, URDU-5102

Semester 6

PERS-6156	Modern Persian Prose	3(0-3)
PERS-6157	Modern Persian Poetry	3(3-0)
PERS-6130	Persian Literary Criticism II	3(3-0)
PERS-6158	Spoken Persian and Translation II	3(3-0)
PERS-6127	History of Persian Literature in Iran-II	3(3-0)
PERS-6142	Persian Research Methodology	3(3-0)
		Total 18(15-3)

Semester 7

PERS-6131	History of Persian Literature in Sub-Continent	3(3-0)
PERS-6133	Classical Persian Prose in Sub-Continent	3(3-0)
PERS-6134	Classical Persian Poetry in Sub-Continent	3(3-0)
PERS-6155	History of Persian Literature in Iran-III	3(3-0)
PERS-6137	Persian Manuscripts Studies	3(3-0)
PERS-6138	Mysticism and Mystical Literature	3(3-0)
PERS-6139	Comparative Studies	3(3-0)
PERS-6161	Capstone Project / Research Paper**	3(0-3)
		Total 21(18-3)

Note: Students have to opt one course out of PERS-6137, PERS-6138 and PERS-6139

Semester 8

PERS-6141	Creative Writing	3(3-0)
PERS-6159	Iqbal Studies II	3(3-0)
PERS-6143	History of Persian Language	3(3-0)
PERS-6144	Persian Literary Sources II	3(3-0)
PERS-6146	Persian Folk Literature	3(3-0)
PERS-6145	Persian Research Centers	3(3-0)
		Total 18(18-0)

Note: Students have to opt one courses out of PERS-6146, PERS-6145

** Capstone Project may be offered during the 7th semester and its mandatory completion by the end of 8th semester.

BS in Persian (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in graduation (BA/BSc/ADP) or equivalent qualification
Duration: 2 Years
Semesters: 4
Degree Requirements: 74 credit hours

Code	Course Title	C/Hr.
Semester 1		
HIST-6158	Introduction to History	3(0-3)
PERS-6124	Persian Literary Criticism I	3(3-0)
PERS-6128	Classical Persian Prose in Iran-II	3(3-0)
PERS-6129	Classical Persian Poetry in Iran-II	3(3-0)
PERS-6155	Spoken Persian and Translation I	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
PUNJ-5112	Introduction to Punjabi	3(0-3)
URDU-5102	Introduction to Urdu	3(0-3)
		Total 19(18-1)

Students have to opt one course out of PUNJ-5112, URDU-5102

Semester 2

PERS-6156	Modern Persian Prose	3(0-3)
PERS-6157	Modern Persian Poetry	3(3-0)
PERS-6130	Persian Literary Criticism II	3(3-0)
PERS-6158	Spoken Persian and Translation II	3(3-0)
PERS-6127	History of Persian Literature in Iran-II	3(3-0)
PERS-6142	Persian Research Methodology	3(3-0)
		Total 18(15-3)

Summer Semester

PERS-6160	Field Experience / Internship	3(3-0)

Semester 3

PERS-6131	History of Persian Literature in Sub-Continent	3(3-0)
PERS-6133	Classical Persian Prose in Sub-Continent	3(3-0)
PERS-6134	Classical Persian Poetry in Sub-Continent	3(3-0)
PERS-6155	History of Persian Literature in Iran-III	3(3-0)
PERS-6137	Persian Manuscripts Studies	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
PERS-6138	Mysticism and Mystical Literature	3(3-0)
PERS-6139	Comparative Studies	3(3-0)
PERS-6161	Capstone Project / Research Paper**	3(0-3)
		Total 19(18-1)

Note: Students have to opt one course out of PERS-6137, PERS-6138 and PERS-6139

Semester 4

PERS-6141	Creative Writing	3(3-0)
PERS-6159	Iqbal Studies II	3(3-0)
PERS-6143	History of Persian Language	3(3-0)
PERS-6144	Persian Literary Sources II	3(3-0)
PERS-6146	Persian Folk Literature	3(3-0)
PERS-6145	Persian Research Centers	3(3-0)
		Total 15(15-0)

Note: Students have to opt one courses out of PERS-6146, PERS-6145

** Capstone Project may be offered during the 2nd semester and its mandatory completion by the end of 4th semester.

MPhil Persian*

Eligibility: AAt least 2.00 CGPA out of 4.00 in MA Persian or BS Persian in Semester System and 2nd Division in Annual System + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester 1		
PERS-7111	History of Persian Literature	3(3-0)
PERS-7112	Persian Grammar	3(3-0)
PERS-7113	Modern Persian Literature	3(3-0)
PERS-7114	Bibliographic Sources & Research Methodology	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester 2		
PERS-7121	Classical Texts	3(3-0)
PERS-7122	Rhetoric and Prosody	3(3-0)
PERS-7123	Translation, Interpretation & Spoken Persian	3(3-0)
PERS-7130	Mysticism and Mystical Literature	3(3-0)
URCG-5129/31	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester 3-4		
PERS-7109	Thesis	6(0+6)



DEPARTMENT OF

PUNJABI LANGUAGE, LITERATURE AND CULTURE

FACULTY

Ghulam Mustafa
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Muhammad Ilyas
Lecturer



Dr. Muhammad Munir
Associate Professor / Chairperson

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BS in Punjabi

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester 1		
URCG-5118	Functional English	3(3-0)
URCG-5123	Applications of Info. & Comm. Technology (ICT)	3(2-1)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5129/31	Understanding of the Holy Quran-I/Ethics-I	1(0-1)
PUNJ-5101	Genres of Punjabi Literature (پنجابی ادب دیاں صنفاں)	3(3-0)
PUNJ-5102	History of Punjabi Prose (پنجابی نثر دی تاریخ)	3(3-0)
PUNJ-5103	Modern Punjabi Poetry-I (نویں پنجابی نظم)	3(3-0)
		Total 18(16-2)
Semester 2		
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5112	Fables, Wisdom Literature and Epic	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5127	Seerat of the Holy Prophet (SAW)*	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
PUNJ-5104	Selected Punjabi Prose and Poetry (چونویں، پنجابی نثر تے نظم)	3(3-0)
PUNJ-6205	History of Poetic Literature (شعری ادب دی تاریخ)	3(3-0)
PUNJ-6213	Folk Literature (لوک ادب)	3(3-0)
		Total 17(17-0)

* For Muslim students only

Semester 3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of the Holy Quran-II/Ethics-II	1(0-1)
PUNJ-6214	Classical Poetry (کلاسیکی شاعری)	3(3-0)
PUNJ-6207	Punjabi Ghazal (پنجابی غزل)	3(3-0)
PUNJ-6208	Punjabi Linguistics (پنجابی لسانیات)	3(3-0)
		Total 19(17-1)
Semester 4		
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5114	Basic Science	3(2-1)
PUNJ-6212	Punjabi Novel (پنجابی ناول)	3(3-0)
PUNJ-6215	Punjabi Tales (پنجابی داستاناں)	3(3-0)
PUNJ-6216	Special Study of Heer Waris Shah (خصوصی مطالعہ ہیر وارث شاہ)	3(3-0)
		Total 16(16-0)
Semester 5		
URDU-5102	Functional Urdu	3(3-0)
HIST-5101	Introduction to History	3(3-0)
PUNJ-6217	Literary Translations in Punjabi (پنجابی وچ ادبی ترجمے)	3(3-0)
PUNJ-6232	Religious Literature in Punjabi (پنجابی وچ دینی ادب)	3(3-0)

PUNJ-6219	Theoretical Criticism	(نظری تنقید)	3(3-0)
			Total 15(15-0)
Semester 6			
INFM-6430	Information Literacy		3(3-0)
PUNJ-6221	Gurmukhi Script	(گورمکھی رسم الخط)	3(3-0)
PUNJ-6222	Punjabi Short Story	(پنجابی کہانی)	3(3-0)
PUNJ-6224	Literary Tradition of Eastern Punjab	(چڑھدے پنجاب دی ادبی ریت)	3(3-0)
PUNJ-6209	Special Study of Heed Damodar	(خصوصی مطالعہ ہیر دمودر)	3(3-0)
			Total 15(15-0)
Summer Semester			
PUNJ-6233	Internship		3(0-3)
Semester 7			
PEDU-5101	Introduction to Sports Science & Physical Education		3(3-0)
PUNJ-6228	Punjabi Drama	(پنجابی ٹاک)	3(3-0)
PUNJ-6210	Waars and Epics	(واراں تے جنگ نامے)	3(3-0)
PUNJ-6230	Principals of Research	(کھوج دے وصول)	3(3-0)
PUNJ-6234	Capstone Project		3(0-3)
			Total 15(12-3)
Semester 8			
MCOM-5101	Conventional and Digital Communication		3(3-0)
PUNJ-6227	Applied Criticism	(عملی تنقید)	3(3-0)
PUNJ-6228	Modern Punjabi Poetry-II	(نویں پنجابی نظم۔II)	3(3-0)
PUNJ-6210	Patriotic Literature	(قومی ادب)	3(3-0)
PUNJ-6230	History of the Punjab through Folk Literature	(لوک ادب راہیں پنجاب دی تاریخ)	3(3-0)
			Total 15(15-0)

BS Punjabi (5th Semester Intake)

Eligibility:

(i) For Same Field: 45% Marks in B.A with Punjabi as an Elective Subject (200 Marks) or Punjabi as an Optional Subject (100 Marks) *
OR
AD in Punjabi with CGPA 2.0/4.0

(ii) For Other Fields: CGPA 2.0/4.0 in AD in any field**

*Deficiency courses will be applicable
**Bridging Semester will be applicable
Duration: 2 Years
Semesters: 4
Degree Requirements: 63-84 Credit Hours

Code	Course Title	C/Hr.
Semester 1		
URDU-5102	Functional Urdu	3(3-0)
HIST-6158	Introduction to History	3(3-0)
URCG-5129	Understanding of Holy Quran-I* OR	1(0-1)
URCG-5131	Ethics-I**	
PUNJ-6217	Literary Translations in Punjabi	3(3-0)
PUNJ-6232	Religious Literature in Punjabi	3(3-0)
PUNJ-6219	Theoretical Criticism	3(3-0)
PUNJ-5101	Genres of Punjabi Literature***	3(3-0)
PUNJ-5104	Selected Punjabi Prose and Poetry ***	3(3-0)
		Total 15(14-1)
*For Muslims students only		
**For Non-Muslim students only		
***only for the students with deficiencies		
Semester 2		
INFM-6430	Information Literacy	3(3-0)
PUNJ-6221	Gurmukhi Script	3(3-0)
PUNJ-6222	Punjabi Short Story	3(3-0)
PUNJ-6224	Literary Tradition of Eastern Punjab	3(3-0)
PUNJ-6209	Special Study of Heer Damondar	3(3-0)
PUNJ-5103	Modern Punjabi Poetry-I	3(3-0)
		Total 15(15-0)
* Only for the students with deficiencies		
Summer Semester (for internship)		
PUNJ-6233	Internship	3(0-3)
Semester-3		
PEDU-6435	Introduction to Sports Sciences & Phy. Education	3(3-0)
URCG-5130	Understanding of Holy Quran-II* OR	1(0-1)
URCG-5130	Ethics-II**	
PUNJ-6225	Punjabi Drama	3(3-0)
PUNJ-6226	Waars and Epics	3(3-0)
PUNJ-6220	Principles of Research	3(3-0)
PUNJ-6213	Folk Literature ***	3(3-0)
PUNJ-6234	Capstone Project	3(3-0)
		Total 15(15-0)
Semester 4		
MCOM-5101	Conventional and Digital Communication	3(3-0)
PUNJ-6227	Applied Criticism	3(3-0)
PUNJ-6228	Modern Punjabi Poetry-II	3(3-0)
PUNJ-6210	Patriotic Literature	3(3-0)
PUNJ-6230	History of the Punjab through Folk Literature	3(3-0)
PUNJ-6214	Classical Poetry *	3(3-0)
		Total 15(15-0)
*only for the students with deficiencies		

DEPARTMENT OF SPORTS SCIENCES



Dr. Yasir Iqbal Waraich
Lecturer / Incharge

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Jinnah Block

FACULTY

Qasid Naveed
Lecturer (on study leave)

Bilal Ahmad Qureshi
Lecture

Faryal Gul
Lecturer (on leave)

Saba Arshad
Lecturer

Rashid Naeem Khan
Lecturer

Reema Aman
Lecturer

Muhammad Ijaz
Lecturer (on deputation)

BS in Physical Education

Eligibility: At least 45% marks in HSSC (Part-I / II) or equivalent.
Merit: SSC-40% + HSSC (Part-I / II)-60% + Qualify Physical Efficiency Test + 20 marks of Hafiz-e-Quran (if applicable)
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5118	Functional English	3(3-0)
URCI-5123	Information & Communication Technologies	3(2-1)
URCG-5105	Islamic Studies (Compulsory) OR	2(2-0)
URCG-5126	Ethics (For Non-Muslim Students)	
URCQ-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
EDUC-5201	Philosophical Basis of Physical Education	3(3-0)
EDUC-5202	Practical Games (Volley Ball & Hand Ball)	2(0-2)
EDUC-5203	Practical Gymnastic	2(0-2)
		Total 16(10-6)
Semester-2		
URCG-5112	Fables, Wisdom Literature and Epic	2(2-0)
URCG-5116	Sciences of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
PEDU-5204	Science of Track & Field	3(3-0)
PEDU-5205	Basics of Human Biology	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
PEDU-5206	Practical Games (Hockey & Cricket)	2(0-2)
PEDU-5207	Athletics' (Long Jumps & Triple Jumps)	2(0-2)
		Total 20(16-4)
Semester-3		
URCG- 5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of Holy Quran – II / Ethics-II	1(1-0)
PEDU-5208	Basic Human Anatomy	3(3-0)
PEDU-5209	Theory of Games	3(3-0)
PEDU-5210	Practical Athletics (Shot-put and Discus)	2(0-2)
		Total 17(14-3)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics & Community Engagement	2(2-0)
PEDU-5211	Sports Sociology	3(3-0)
PEDU-5212	Sports Medicine	3(3-0)
PEDU-5213	Practical Scouting/ Girl Guiding	2(0-2)
		Total 15(12-3)
Summer Semester		
PEDU-5216	Internship*	3(0-3)
		Total 3(0-3)
Semester-5		
COMS-5131	Sports Communication	3(3-0)

PHYS-5161	Physics	3(2-1)
PEDU-6414	Research Methodology in Physical Education	3(3-0)
PEDU-6415	Science of Sports Training	3(3-0)
PEDU-6416	Practical Athletics (Middle & Long Races)	2(0-2)
PEDU-6417	Practical Games (Foot Ball & Basket Ball)	2(0-2)
		Total 16(11-5)
Semester-6		
STAT-5101	Introductory Statistics	3(3-0)
PEDU-6418	Scientific Coaching	3(3-0)
PEDU-6419	Curriculum Development in Physical Education	3(3-0)
PEDU-6420	Sports Administration and Management	3(3-0)
PEDU-6421	Practical Athletics (Sprint Races)	2(0-2)
PEDU-6422	Practical Games (Table Tennis, Badminton)	2(0-2)
		Total 16(12-4)
Semester-7		
URDU-5102	Functional Urdu	3(3-0)
PEDU-6423	Capstone Project	3(0-3)
PEDU-6424	Sports Psychology	3(3-0)
PEDU-6425	Test, Measurement & Evaluation in Sports	3(3-0)
PEDU-6426	Exercise Physiology	3(3-0)
		Total 15(12-3)
Semester-8		
PEDU-6427	Sports Nutrition	3(3-0)
PEDU-6428	Sports Biomechanics	3(3-0)
PEDU-6429	Sports Injuries & Rehabilitation	3(3-0)
PEDU-6430	Practical Hiking & Hill Tracking	2(2-0)
PEDU-6431	Practical Athletics (Javelin and Hammer)	2(0-2)
PEDU-6432	Minor Area Games	2(0-2)
		Total 15(11-4)

BS in Physical Education

(5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BA/BSc/ADA/ ADS or equivalent.
Merit: Basic criteria + 10 marks for studying Physical Education in BA/BSc, ADA/ADS + Qualify Physical Efficiency Test + 20 marks of Hafiz-e-Quran (if applicable)
Duration: 2 Years
Semesters: 4
Degree Requirements: 66 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5129/31	Understanding of Holy Quran - I / Ethics-I	1(0+1)
COMS-5131	Sport Communication	3(3+0)
PEDU-5161	Physics	3(2+1)
PEDU-6414	Research Methodology in Physical Education	3(3+0)
PEDU-6415	Science of Sports Training	3(3+0)
PEDU-6416	Practical Athletics (Middle & Long Races)	2(0+2)
PEDU-6417	Practical Games (Foot Ball & Basket Ball)	2(0+2)
PEDU-6433	Basic Human Anatomy	3(3-0)
PEDU-6437	Practical Games (Volley Ball & Hand Ball	2(0-2)
		Total 17(11-6)
Semester-2		
STAT-5101	Introductory Statistics	3(3+0)
PEDU-6418	Scientific Coaching	3(3+0)
PEDU-6419	Curriculum Development in Physical Education	3(3+0)
PEDU-6420	Sports Administration and Management	3(3+0)
PEDU-6421	Practical Athletics (Spring Races)	2(0-2)
PEDU-6422	Practical Games(Table Tennis, Badminton)	2(0-2)
PEDU-6434	Science of Track & Field	3(3+0)
PEDU-6438	Athletics (Jump & Throws)	2(0-2)
		Total 16(12-4)
Semester-3		
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0+1)
URDU-5102	Functional Urdu	3(3+0)
PEDU-6423	Capstone Project	3(3+0)
PEDU-6424	Sports Psychology	3(3+0)
PEDU-6425	Test, Measurement & Evaluation in Sports	3(3+0)
PEDU-6426	Exercise Physiology	3(3+0)
PEDU-6435	Theory of Games	3(3+0)
		Total 16(15-1)
Semester-4		
PEDU-6427	Sports Nutrition	3(3+0)
PEDU-6428	Sport Biomechanics	3(3+0)
PEDU-6429	Sport Injuries & Rehabilitation	3(3+0)
PEDU-6430	Practical hiking & Hill Tracking	2(2+0)
PEDU-6431	Practical Athletics (Javelin and Hammer)	2(2+0)
PEDU-6432	Minor Area Games	2(2+0)
PEDU-6436	Sports Medicine	3(3+0)
		Total 15(15-0)



DEPARTMENT OF
URDU LANGUAGE AND LITERATURE



Dr. Naseem Abbas
Professor / Chairperson

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FACULTY

Dr. Muhammad Yaar Gondal
Professor Wazir Aghar Chair

Dr. Suhail Abbas Khan
Professor

Dr. Shahid Nawaz
Associate Professor

Dr. Sumaira Ijaz
Associate Professor

Dr. Sajid Javed
Associate Professor

Dr. Tariq Habib
Assistant Professor

Dr. Shoaiba Mueed
Assistant Professor

Dr. Muhammad Imran
Assistant Professor

Dr. Muhammad Shafiq
Assistant Professor

Dr. Rizwana Naqvi
Assistant Professor

Dr. Abida Naseem
Lecturer

Dr. Kashif-ur-Rehman
Lecturer

Muhammad Amir Sohail
Lecturer

Dr. Shafqat Zahoor
Lecturer

Dr. Asad Abbas
Lecturer

Dr. Muhammad Kamran Shahzad
Lecturer

BS in Urdu

Eligibility: At least 45% marks in HSSC (FA, FSc, ICS, I.Com, D.Com) Part-I / II), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education / Ethics	
URCG-5123	Applications of Info. & Comm. Tech. (ICT)	3(2-1)
URCG-5129/31	Understanding of Holy Quran – I / Ethics-I	1(0-1)
URDU-5104	Genres of Urdu Poetry and Prose	3(3-0)
URDU-5105	Urdu Grammar	3(3-0)
URDU-5106	Humor and Satire in Urdu Literature	3(3-0)
		Total 18(16-2)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
URCG-5116	Science of Society–I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URDU-5107	History of Urdu Literature-I (Till 18th Century)	3(3-0)
URDU-5108	Poetic Literature of Pakistani Language	3(3-0)
URDU-5109	Urdu Literature in Sargodha	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 19(19-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of Holy Quran- II / Ethics-II	1(0-1)
URDU-5110	History of Urdu Literature –II (19th Century)	3(3-0)
URDU-5111	Classical Urdu Poem	3(3-0)
URDU-5112	Classical Urdu Ghazal	3(3-0)
		Total 18(17-1)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URDU-5113	Urdu Fiction in 19th Century	3(3-0)
URDU-5114	Special Study of Meer and Ghalib	2(1+1)
URDU-5115	Literary Criticism-I (Theory & Western Criticism)	3(3-0)
		Total 15(13-2)
Semester-5		
URDU-6116	Urdu Novel	3(3-0)
URDU-6117	Non Fictional Genres in Urdu	3(3-0)
URDU-6118	Literary Criticism-II (Theory and Urdu Criticism)	3(3-0)
URDU-6119	Urdu Linguistics-I (Historical Linguistics)	3(3-0)

PUNJ-5111	Introduction to Punjabi Literature (OR)	3(3-0)
PERS-6101	Introduction to Persian	3(3-0)
MCOM-5101	Intro. to Conventional & Digital Communication	2(2-0)
		Total 17(17-0)
Semester-6		
URDU-6120	History of Urdu Literature-III (20th Century)	3(3-0)
URDU-6121	Modern Urdu Ghazal (20th Century)	3(3-0)
URDU-6122	Urdu Linguistics -II (Descriptive Linguistics)	3(3-0)
EDUC-5101	Introduction to Education	2(2-0)
SOCI-5123	Interdisciplinary Research	2(2-0)
INFM-6430	Information Literacy	3(3-0)
		Total 16(16-0)
Summer Semester		
URDU-6123	Internship	3(0-3)
Semester-7		
URDU-6124	Iqbal Study-I (Biographical and Poetic Study)	3(3-0)
URDU-6125	Modern Urdu Poem (20th Century)	3(3-0)
URDU-6126	Urdu Short Story	3(3-0)
URDU-6127	Urdu Fiction in 21st Century (OR)	3(3-0)
URDU-6128	Urdu Journalism and Modern Media	3(3-0)
URDU-6129	Urdu Linguistics -III (Writing Pattren of Grammar & Lexicology)	3(3-0)
		Total 15(15-0)
Semester-8		
URDU-6130	Iqbal Study-II (Study of Basic Concepts and Lectures)	3(3-0)
URDU-6131	Literary Criticism-III (Applied)	3(3-0)
URDU-6132	Urdu Drama	3(3-0)
URDU-6133	Urdu Poetry in 21st Century (OR)	3(3-0)
URDU-6134	Feminist Study of Urdu Literature (OR)	3(3-0)
URDU-6135	Translations of World Literature in Urdu	3(3-0)
URDU-6136	Thesis / Project (Capstone Project)	3(3-0)
URDU-6137	Linguistics and Modren Literary Criticism	3(3-0)
		Total 15(15-0)

BS in Urdu (5th Semester Intake)

Eligibility: t least 45% marks or CGPA 2.00 out of 4.00 in BA/BSc/ADP or equivalent qualification.
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 71 credit hours

Code	Course Title	C/Hr.
Semester-1		
URDU-6116	Urdu Novel	3(3-0)
URDU-6117	Non-Fictional Genres in Urdu	3(3-0)
URDU-6118	Literary Criticism-II (Theory and Urdu Criticism)	3(3-0)
URDU-6119	Urdu Linguistics-I (Historical Linguistics)	3(3-0)
PUNJ-5111	Introduction to Punjabi Literature (OR)	3(3-0)
PERS-6101	Introduction to Persian	3(3-0)
MCOM-5101	Introduction to Conventional and Digital Comm.	2(2-0)
		Total 17(17-0)
Semester-2		
URDU-6120	History of Urdu Literature-III (20th Century)	3(3-0)
URDU-6121	Modern Urdu Ghazal (20th Century)	3(3-0)
URDU-6122	Urdu Linguistics-II (Descriptive Linguistics)	3(3-0)
EDUC-5101	Introduction to Education	2(2-0)
SOCI-5123	Interdisciplinary Research	2(2-0)
INFM-6430	Information Literacy	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 17(16-1)
Summer Semester		
URDU-6123	Internship	3(0-3)
Semester-3		
URDU-6124	Iqbal Study - I (Biographical and Poetic Study)	3(3-0)
URDU-6125	Modern Urdu Poem (20th Century)	3(3-0)
URDU-6126	Urdu Short Story	3(3-0)
URDU-6127	Urdu Fiction in 21st Century (OR)	3(3-0)
URDU-6128	Urdu Journalism and Modern Media	3(3-0)
URDU-6129	Urdu-I Linguistics-III (Written Pattern of Grammar and Lexicology)	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
		Total 16(15-1)
Semester-4		
URDU-6130	Iqbal Study - II (Study of Basic Concepts and Literature)	3(3-0)
URDU-6131	Literary Criticism - III (Applied)	3(3-0)
URDU-6132	Udru Drama	3(3-0)
URDU-6133	Urdu Poetry in 21st Century (OR)	3(3-0)
URDU-6134	Feminist Study of Urdu Literature (OR)	3(3-0)
URDU-6135	Translation of World Literature in Urdu	3(3-0)
URDU-6136	Thesis / Project (Capstone Project)	3(3-0)
URDU-6137	Linguistics and Modern Literary Criticism	3(3-0)
		Total 18(18-0)



MPhil Urdu

Eligibility: At least 2.00 CGPA out of 4.00 in MA or BS Urdu in Semester System and 2nd Division in Annual System + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements:
For Research Track: 26 C/Hr. Course Work + 6 C/Hr. Thesis
For Course Work Track: 26 C/Hr. Course Work + 6 C/Hr. (two courses)

C/Hr.	Course Title	Code
Semester-1		
URDU-6101	اردو شاعری کا اجمالی مطالعہ	3(3-0)
URDU-7101	اردو تحقیق: اصول اخلاق	3(3-0)
URDU-7102	انتقاد ادب: نظریہ و عمل	3(3-0)
URDU-7105	ادب کا ثقافتی مطالعہ	3(3-0)
URDU-7106	اردو ادب کا مابعد نوآبادیاتی مطالعہ	3(3-0)
URDU-7107	اردو شاعری کی تنقید: اصول و روایت	3(3-0)
URDU-7108	اردو ذرائع ابلاغ کا مطالعہ	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)

سکالرکورس نمبر URDU-7105 اور URDU-7106 میں سے کسی ایک کا انتخاب کرے گا۔
سکالرکورس نمبر URDU-7107 اور URDU-7108 میں سے کسی ایک کا انتخاب کرے گا۔

Semester-2		
URDU-6102	اردو فکشن کا اجمالی مطالعہ	3(3-0)
URDU-7103	ادبی تحقیق کے معاصر رجحانات	3(3-0)
URDU-7104	ادبی تنقید کے معاصر رجحانات	3(3-0)
URDU-7109	ادبی تاریخ نویسی اور اردو کی ادبی تواریخ کا تقابل	3(3-0)
URDU-7110	اردو زبان اور لسانیات	3(3-0)
URDU-7111	اردو فکشن کی تنقید: اصول و روایت	3(3-0)
URDU-7112	اردو ادب اور بین العلومی مطالعات	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)

سکالرکورس نمبر URDU-7109 اور URDU-7110 میں سے کسی ایک کا انتخاب کرے گا۔
سکالرکورس نمبر URDU-7111 اور URDU-7112 میں سے کسی ایک کا انتخاب کرے گا۔

Semester-3 & 4		
URDU-6103	اردو زبان و ادب کی تاریخ کا اجمالی مطالعہ	3(3-0)
URDU-7106	Thesis	3(3-0)
Courses in Lieu of Thesis		
URDU-7113	اردو فلم اور ڈراما	3(3-0)
URDU-7114	تدریس اردو زبان و ادب	3(3-0)
URDU-7115	فن ترجمہ نگاری	3(3-0)
		Total 12(12-0)

سکالرکورس نمبر URDU-7113، URDU-7114 اور URDU-7115 میں سے کسی ایک کا انتخاب کرے گا۔

PhD Urdu

Eligibility: At least first division or CGPA 3.0 out of 4.0 in MPhil/MS Urdu (18-years of education) + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks)
OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

C/Hr.	Course Title	Code
Semester-1		
URDU-8101	بین العلومی تحقیق	3(3-0)
URDU-8102	اردو لسانیات اور ابلاغیات	3(3-0)
URDU-8103	اردو کا تخلیقی ادب متنی مطالعہ	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
URDU-8111	اردو میں شعری ادب کی تحقیقی و تنقیدی روایت	3(3-0)
URDU-8112	اردو میں افسانوی ادب کی تحقیقی و تنقیدی روایت	3(3-0)
URDU-8113	اردو ڈرامے اور غیر افسانوی نثر کی تحقیقی و تنقیدی روایت	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 to 6		
URDU-8121	Thesis	







FACULTY OF
COMPUTING AND INFORMATION TECHNOLOGY



Prof. Dr. Muhammad Ilyas
Dean, Faculty of Computing and Information Technology

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List of Institute/Departments

- Computer Science
- Information Technology
- Software Engineering

The Faculty of Computing and Information Technology is prominent among the Faculties of the University with the highly trained and experienced faculty members and well equipped laboratories. Its achievements in research are the fruit of consistent efforts of its faculty and students. The Faculty is comprised of three departments. The subjects of Computer Science, Information Technology, Software Engineering, Cloud Computing, Cyber Security and Data Sciences are enriched with innovative research culture. These departments focus on Software Engineering, Machine Learning, Computer Networks, Artificial Intelligence, Data Sciences and Security. The faculty is continuously being strengthened by recruiting quality faculty and modernizing the laboratory facilities. A number of research projects of multi-disciplinary nature are being undertaken by highly experienced faculty in collaboration with National & International institutions.

DEPARTMENT OF **COMPUTER SCIENCE**



Dr. Hafiz Muhammad Faisal Shehzad
Associate Professor / Chairperson

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FACULTY

Dr. Muhammad Ilyas
Professor

Dr. Saad Razaq
Assistant Professor

Dr. Qaiser Abbas
Assistant Professor **(on leave)**

Dr. Fahad Maqbool
Assistant Professor

Dr. Hussam Ali
Assistant Professor

Aamir Zia
Lecturer

Farooq Javed
Lecturer

Mudassar Ali Zaidi
Lecturer

Muhammad Zohaib Nawaz
Lecturer (on leave)

Muhammad Fahad
Lecturer

Qaisar Farooq
Lecturer (on leave)

Samreen Razzaq
Lecturer

BS in Computer Science

Eligibility: Higher Secondary School Certificate(Part-I/ Part II) / A-levels (involving minimum 12 years of schooling) or an IBCC equivalent qualification with at least 50% marks with one of the following combinations and having studied Mathematics is the basic eligibility requirement for admission in BS Computer Science Program.

i.Pre-Engineering
ii.Pre-Medical (The students who have not studied Mathematics at intermediate level have to pass deficiency courses of Mathematics (06 credits) in first year including zero semester)
iii.General Science
- a.Mathematics, Statistics, Physics
- b.Mathematics, Statistics, Economics
- c.Mathematics, Statistics, Computer
- d.Mathematics, Physics, Computer
- e. Mathematics, Economics, Computer

Duration: 4 Years
Semesters: 8
Degree Requirements: 130-148 Credit Hours

Code	Pre-req.	Course Title	C/Hr.
Semester-1			
CMPC-5201		Programming Fundamentals	4(3-3)
URCG-5123		Application of Information Communication Technologies	3(2-3)
URCG-5105		Islamic Studies	2(2-0)
URCG-5126		Ethics (Non-Muslim Students)	
URCG-5118		Functional English	3(3-0)
URCG-5129		Understanding of the Holy Quran-I	1(1-0)
CMPC-5208		Computer Networks	3(2-3)
URCM-5107		*Mathematics-I	0(3-0)
			Total 16(16-9)
Semester-2			
CMPC-5202	CMPC-5201	Object Oriented Programming	4(3-3)
CMPC-5205	CMPC-5201	Data Structures	4(3-3)
URCG-5120		Exploring Quantitative Skills	3(3-0)
URCG-5117		Science of Society-II	2(2-0)
URCG-5128		Pakistan Studies	(2-0)
URCG-5130		Understanding of the Holy Quran-II	1(1-0)
URCG-5113		Space, Place and Experience	2(2-0)
URCM-5108		*Mathematics-II	0(3-0)
			Total 18(19-6)
Semester-3			
CMPC-5203		Database Systems	4(3-3)
URCG-5122		Ideology and Constitution of Pakistan	2(2-0)
URCQ-5102		Calculus and Analytic Geometry	3(3-0)
CMPC-6201		Operating Systems	4(3-3)
URCG-5119		Expository Writing	3(3-0)
URCG-5121		Tools for Quantitative Reasoning	3(3-0)
			Total 19(17-6)
Semester-4			
MATH-5102		Linear Algebra	3(3-0)
CMPC-5101		Software Engineering	3(3-0)
MATH-5103		Probability & Statistics	3(3-0)
URCS-6101		Professional Practices	3(3-0)

URCG-5115		The Science of Global Challenges	3(3-0)
URCG-5125		Civics and Community Engagement	2(2-0)
URCG-5124		Entrepreneurship	2(2-0)
			Total 19(19-0)
Semester-5			
CMPC-5204		Digital Logic Design	4(3-3)
CMPC-6203		Theory of Automata	3(3-0)
CMPC-6202		Cloud Computing	3(2-3)
CMPC-5206		Information Security	3(2-3)
CSDE-XXXX		Computer Science Elective-I	3(3-0)
CSDE-XXXX		Computer Science Elective-II	3(3-0)
			Total 19(16-9)
Semester-6			
CMPC-5209	CMPC-5204	Computer Organization, Architecture and Assembly Language	3(3-0)
CMPC-5207		Artificial Intelligence	3(2-3)
CSDE-XXXX		Computer Science Elective-III	3(3-0)
CSDE-XXXX		Computer Science Elective-IV	3(3-0)
CSDE-XXXX		Computer Science Elective-V	3(3-0)
			Total 15(14-3)
Semester-7			
CMPC-6702		Final Year Project - I	2(0-6)
CMPC-6101		Analysis of Algorithms	3(3-0)
CSDE-XXXX		Computer Science Elective-VI	3(3-0)
CSDE-XXXX		Computer Science Elective-VII	3(3-0)
CSDE-XXXX		Computer Science Elective-VIII	3(3-0)
			Total 14(12-6)
Semester-8			
CMPC-6703	CMPC-6702	Final Year Project - II	4(0-12)
CSDE-XXXX		Computer Science Elective-IX	3(3-0)
			Total 7(3-12)
Field Experience / Internship and Professional Certification			
CMPC-6704		Professional Certification	3
CMPC-6705		Field Experience/Internship	3
			Total 6

BS in Computer Science – Specialization in Artificial Intelligence

Eligibility: Higher Secondary School Certificate (Part-I/ Part II) / A-levels (involving minimum 12 years of schooling) or an IBCC equivalent qualification with at least 50% marks with one of the following combinations and having studied Mathematics is the basic eligibility requirement for admission in BS Computer Science Program.

i.Pre-Engineering

ii.Pre-Medical (The students who have not studied Mathematics at intermediate level have to pass deficiency courses of Mathematics (06 credits) in first year including zero semester)

iii.General Science

a.Mathematics, Statistics, Physics
b.Mathematics, Statistics, Economics
c.Mathematics, Statistics, Computer
d.Mathematics, Physics, Computer
e. Mathematics, Economics, Computer

Duration: 4 Years
Semesters: 8
Degree Requirements: 130-148 Credit Hours

Code	Pre-req.	Course Title	C/Hr.
Semester-1			
CMPC-5201		Programming Fundamentals	4(3-3)
URCG-5123		Application of Information Communication Technologies	3(2-3)
URCG-5105		Islamic Studies	2(2-0)
URCG-5126		Ethics (Non-Muslim Students)	
URCG-5118		Functional English	3(3-0)
URCG-5129		Understanding of the Holy Quran-I	1(1-0)
CMPC-5208		Computer Networks	3(2-3)
URCM-5107		*Mathematics-I	0(3-0)
			Total 16(16-9)
Semester-2			
CMPC-5202	CMPC-5201	Object Oriented Programming	4(3-3)
CMPC-5205	CMPC-5201	Data Structures	4(3-3)
URCG-5120		Exploring Quantitative Skills	3(3-0)
URCG-5117		Science of Society-II	2(2-0)
URCG-5128		Pakistan Studies	2(2-0)
URCG-5120		Understanding of the Holy Quran-II	1(1-0)
URCG-5113		Space, Place and Experience	2(2-0)
URCM-5108		*Mathematics-II	0(3-0)
			Total 18(19-6)
Semester-3			
CMPC-5203		Database Systems	4(3-3)
URCG-5122		Ideology and Constitution of Pakistan	2(2-0)
URCQ-5102		Calculus and Analytic Geometry	3(3-0)
CMPC-6201		Operating Systems	4(3-3)
URCG-5119		Expository Writing	3(3-0)
URCG-5121		Tools for Quantitative Reasoning	3(3-0)
			Total 19(17-6)
Semester-4			
MATH-5102		Linear Algebra	3(3-0)
CMPC-5101		Software Engineering	3(3-0)
MATH-5103		Probability & Statistics	3(3-0)
URCS-6101		Professional Practices	3(3-0)
URCG-5115		The Science of Global Challenges	3(3-0)
URCG-5125		Civics and Community Engagement	2(2-0)
URCG-5124		Entrepreneurship	2(2-0)
			Total 19(19-0)
Semester-5			
CMPC-5204		Digital Logic Design	4(3-3)
CMPC-6203		Theory of Automata	3(3-0)
CMPC-6202		Cloud Computing	3(2-3)
CMPC-5206		Information Security	3(2-3)
AIDE -XXXX		Artificial Intelligence Elective-I	3(3-0)
AIDE -XXXX		Artificial Intelligence Elective-II	3(3-0)
			Total 19(16-9)

Semester-6		
CMPC-5209	Computer Organization, Architecture and Assembly Language	3(3-0)
CMPC-5207	Artificial Intelligence	3(2-3)
AIDE -XXXX	Artificial Intelligence Elective-III	3(3-0)
AIDE -XXXX	Artificial Intelligence Elective-IV	3(3-0)
AIDE -XXXX	Artificial Intelligence Elective-V	3(3-0)
		Total 15(14-3)
Semester-7		
CMPC-6702	Final Year Project - I	2(0-6)
CMPC-6101	Analysis of Algorithms	3(3-0)
AIDE -XXXX	Artificial Intelligence Elective-VI	3(3-0)
AIDE -XXXX	Artificial Intelligence Elective-VII	3(3-0)
AIDE -XXXX	Artificial Intelligence Elective-VIII	3(3-0)
		Total 14(12-6)
Semester-8		
CMPC-6703 CMPC-6702	Final Year Project - II	4(0-12)
AIDE -XXXX	Artificial Intelligence Elective-IX	3(3-0)
		Total 7(3-12)
Field Experience/Internship and Professional Certification		
CMPC-6704	Professional Certification	3
CMPC-6705	Field Experience/Internship	3
		Total 6

MS Artificial Intelligence

Eligibility: Sixteen years of education including 4-years BSCS/BSIT/ BSSE/BSEE/BSCE/BSAI/BSDS or equivalent (at least 2.50 CGPA out of 4.00) + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
AICC-7401	Mathematical Foundations of AI	3(3-0)
AICC-7403	Knowledge Representation and Reasoning	3(3-0)
AIEC-wwww	Elective I	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
AICC-7402	Advanced Artificial Intelligence	3(3-0)
AICC-7404	Advanced Machine Learning	3(3-0)
AIEC-xxxx	Elective II	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3		
AICC-7405	Thesis-I	3(0-3)
AIEC-yyyy	Elective III	3(3-0)
AIEC-zzzz	Elective IV	3(3-0)
		Total 9(6-3)
Semester-4		
AICC-7406	Thesis-II	3(0-3)
		Total 3(0-3)

MS Computer Science

Eligibility: Sixteen years of education including 4-years BSCS/BSIT/ BSSE/ MSc IT or equivalent (at least 2.50 CGPA out of 4.00) + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
CSCC-701	Advanced Theory of Computation	3(3-0)
CSCC-702	Advanced Algorithm Analysis	3(3-0)
CSCC-703	Advanced Operating Systems	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
CSCC-704	Advanced Computer Architecture	3(3-0)
xxxx-xxxx	Elective I	3(3-0)
xxxx-xxxx	Elective II	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3		
CSCC-700	Thesis-I	3(0-3)
	Elective III	3(3-0)
	Elective IV	3(3-0)
		Total 9(6-3)
Semester-4		
CSCC-700	Thesis-II	3(0-3)
		Total 3(0-3)

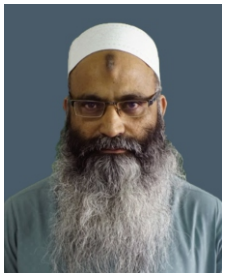
PhD Computer Science

Eligibility: Minimum CGPA 3.0 out of 4.0 in the semester system or 1st division in annual system in MPhil/MS/equivalent degree in Computer Science or related disciplines + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
For semester one and two, six courses will be selected from the above list alongwith 2 general education courses. Semester III to VI will be for research.		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
CSEC-801	Special Topics in Natural Language Engineering	3(3-0)
CSEC-802	Special Topics in Grammar Engineering	3(3-0)
CSEC-803	Advanced Topics in Formal Methods	3(3-0)
CSEC-804	Special Topics in Cluster & Grid Computing	3(3-0)
CSEC-805	Advanced Topic in Parallel Processing	3(3-0)
CSEC-806	Special Topics in Distributed Computing	3(3-0)
CSEC-807	Special Topics in Open Source Software	3(3-0)
CSEC-808	Advanced Research Methods	3(3-0)
CSEC-809	Evolutionary Computation	3(3-0)
CSEC-810	Special Topics in Machine Learning	3(3-0)
CSEC-811	Special Topics in Artificial Intelligence	3(3-0)
CSEC-812	Advanced Optimization Methods	3(3-0)
CSEC-813	Special Topics in Data Mining	3(3-0)
CSEC-814	Peer-to-Peer Systems	3(3-0)
CSEC-815	Ubiquitous Information Interaction	3(3-0)
CSEC-816	Evolution and Re-Engineering	3(3-0)
CSEC-817	Program Comprehension & Reverse Engineering	3(3-0)
CSEC-818	Software Refactoring	3(3-0)
CSEC-819	Advance Software Architecture	3(3-0)
CSEC-820	Category Theory	3(3-0)
CSEC-821	Concrete Mathematics	3(3-0)
CSEC-822	Number Theory and Cryptography	3(3-0)
CSEC-823	Hamonic Analysis	3(3-0)
CSEC-824	Randomized Algorithms	3(3-0)
CSEC-825	Spectral Graph Theory	3(3-0)
CSEC-826	Wavelets	3(3-0)
CSEC-827	Information Theory I	3(3-0)
CSEC-828	Special Topics in Big Data Analysis	3(3-0)
CSEC-829	Advance Topics in Fog Computing	3(3-0)
CSEC-830	Advance Topics in Cloud Computing	3(3-0)



DEPARTMENT OF **INFORMATION TECHNOLOGY**



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Lecturer

Dr. Muhammad Kaleem
Lecturer

Madiha Sarwar
Lecturer (on study leave)

Shafaan Khaliq Bhatti
Lecturer/Deputy Registrar

Waseem Ahmad
Lecturer

Iqra Khan
Lecturer

Nisar Ahmad
Lecturer

Sidra Batool
Lecturer (on study leave)

BS in Computer Science - Specialization in Information Technology

Eligibility: Higher Secondary School Certificate(Part-I/ Part II) / A-levels (involving minimum 12 years of schooling) or an IBCC equivalent qualification with at least 50% marks with one of the following combinations and having studied Mathematics is the basic eligibility requirement for admission in BS Computer Science Program.

i.Pre-Engineering
ii.Pre-Medical (The students who have not studied Mathematics at intermediate level have to pass deficiency courses of Mathematics (06 credits) in first year including zero semester)
iii.General Science
- a.Mathematics, Statistics, Physics
- b.Mathematics, Statistics, Economics
- c.Mathematics, Statistics, Computer
- d.Mathematics, Physics, Computer
- e. Mathematics, Economics, Computer

Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Pre-req.	Course Title	C/Hr.
Semester-1			
CMPC-5201		Programming Fundamentals	4(3-3)
URCG-5123		Application of Information & Communication Techniques	3(2-3)
URCQ-5101		Discrete Structures	3(3-0)
URCQ-5102		Calculus and Analytic Geometry	3(3-0)
URCG-5118		Functional English	3(3-0)
BUSB-6101		Introduction to Marketing	3(3-0)
URCS-5210		Digital Skills	
URCM-5128		Mathematics-I	Non Credit
			Total 19(17-6)
Semester-2			
CMPC-5202		Object Oriented Programming	4(3-3)
CMPC-5203	-	Database Systems	4(3-3)
CMPC-5204	-	Digital Logic Design	3(3-0)
MATH-5101	URCQ-5102	Multivariable Calculus	3(3-0)
MATH-5102		Linear Algebra	3(3-0)
URCG-5129/31		Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCM-5108		Mathematics-II	Non-Credit
URCG-5128		Pakistan Studies	2(2-0)
			Total 20(17-7)
Semester-3			
CMPC-5205	CMPC-5201	Data Structures	4(3-3)
CMPC-5206		Information Security	3(2-3)
CMPC-5207		Artificial Intelligence	3(3-0)
CMPC-5208		Computer Networks	3(2-3)
CMPC-5101		Software Engineering	3(3-0)
MATH-5103		Probability & Statistics	3(3-0)
			Total 19(16-9)
Semester-4			
CMPC-5209	CMPC-5204	Computer Organization & Assembly Language	3(2-3)
ITDC-5201		Web Technologies	3(3-0)
ITDC-5202		Cyber Security	3(3-0)
URCG-5105		Islamic Studies	2(2-0)
URCG-5126		Ethics	2(2-0)

URCW-5201	Applied Physics	3(3-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 18(16-4)
Semester-5		
CMPC-6201	Operating Systems	3(2-3)
ITDC-6201	DB Administration & Management	3(2-3)
ITDC-6202	System & Network Administration	3(2-3)
ITDE-6xxx	Domain Elective 1	3(3-0)
ITDE-6xxx	Domain Elective 2	3(3-0)
URCA-xxxx	Social Science Elective	2(2-0)
		Total 17(14-4)
Semester-6		
ITDC-6203	Information Technology Infrastructure	3(3-0)
ITDC-6204	Parallel & Distributed Computing	3(3-0)
ITDE-6xxx	Domain Elective 3	3(3-0)
ITDE-6xxx	Domain Elective 4	3(3-0)
ITDE-6xxx	Domain Elective 5	3(3-0)
ITDE-6xxx	Domain Elective 6	3(3-0)
		Total 17(14-4)
Semester-7		
CMPC-6702	Final Year Project – I	2(0-6)
CMPC-6101	Analysis of Algorithms	3(3-0)
ITDE-6xxx	Domain Elective 7	3(3-0)
ENGL-6101	Technical & Business Writing	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
		Total 13(11-6)
Semester-8		
CMPC-6703 CMPC-6702	Final Year Project – II	4(0-12)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCS-6101	Professional Practices	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
		Total 10(6-12)

BS in Computer Science – Specialization in Cloud Computing

Eligibility: Higher Secondary School Certificate(Part-I/ Part II) / A-levels (involving minimum 12 years of schooling) or an IBCC equivalent qualification with at least 50% marks with one of the following combinations and having studied Mathematics is the basic eligibility requirement for admission in BS Computer Science Program.

i.Pre-Engineering

ii.Pre-Medical (The students who have not studied Mathematics at intermediate level have to pass deficiency courses of Mathematics (06 credits) in first year including zero semester)

iii.General Science

a.Mathematics, Statistics, Physics
b.Mathematics, Statistics, Economics
c.Mathematics, Statistics, Computer
d.Mathematics, Physics, Computer
e.Mathematics, Economics, Computer

Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149

Code	Course Title	C/Hr.
Semester-1		
CMPC-5201	Programming Fundamentals	4(3-3)
URCG-5123	Application of Information Communication Technologies	3(2-3)
URCG-5105	Islamic Studies	2(2-0)
URCG-5126	Ethics (Non-Muslim Students)	
URCG-5118	Functional English	3(3-0)
URCG-5129	Understanding of the Holy Quran-I	1(1-0)
CMPC-5208	Computer Networks	3(2-3)
URCM-5107	Mathematics-I	0(3-0)
		Total 16(16-9)
Semester-2		
CMPC-5202 CMPC-5201	Object Oriented Programming	4 (3-3)
CMPC-5205 CMPC-5201	Data Structures	4 (3-3)
URCG-5120	Exploring Quantitative Skills	3 (3-0)
URCG-5117	Science of Society-II	2 (2-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5120	Understanding of the Holy Quran-II	1 (1-0)
URCG-5113	Space, Place and Experience	2 (2-0)
URCM-5108	Mathematics-II	0(3-0)
		Total 18(19-6)
Semester-3		
CMPC-5203	Database Systems	4(3-3)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCQ-5102	Calculus and Analytic Geometry	3(3-0)
CMPC-6201	Operating Systems	4(3-3)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
		Total 19(17-6)
Semester-4		
MATH-5102	Linear Algebra	3(3-0)
CMPC-5101	Software Engineering	3(3-0)
MATH-5103	Probability & Statistics	3(3-0)
URCS-6101	Professional Practices	3(3-0)
URCG-5115	The Science of Global Challenges	3(3-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
		Total 19(19-0)
Semester-5		
CMPC-5204	Digital Logic Design	4(3-3)
CMPC-6203	Theory of Automata	3(3-0)
CMPC-6202	Cloud Computing	3(2-3)
CMPC-5206	Information Security	3(2-3)
CSDE-XXXX	Computer Science Elective-I	3(3-0)
CSDE-XXXX	Computer Science Elective-II	3(3-0)
		Total 19(16-9)
Semester-6		
CMPC-5209 CMPC-5204	Computer Organization, Architecture	3(3-0)

	and Assembly Language	
CMPC-5207	Artificial Intelligence	3(2-3)
CSDE-XXXX	Computer Science Elective-III	3(3-0)
CSDE-XXXX	Computer Science Elective-IV	3(3-0)
CSDE-XXXX	Computer Science Elective-V	3(3-0)
		Total 15(14-3)
Semester-7		
CMPC-6702	Final Year Project - I	2(0-6)
CMPC-6101	Analysis of Algorithms	3(3-0)
CSDE-XXXX	Computer Science Elective-VI	3(3-0)
CSDE-XXXX	Computer Science Elective-VII	3(3-0)
CSDE-XXXX	Computer Science Elective-VIII	3(3-0)
		Total 14(12-2)
Semester-8		
CMPC-6703 CMPC-6702	Final Year Project - II	4(0-12)
CSDE-XXXX	Computer Science Elective-IX	3(3-0)
		Total 7(3-12)
Field Experience/Internship and Professional Certification		
CMPC-6704	Professional Certification	3
CMPC-6705	Field Experience/Internship	3
		Total 6



BS in Cyber Security

Eligibility: HSSC (Part-I / II) with at least 50% marks with one of the following combinations:

I. Pre-Engineering
II. Pre-Medical (Admitted candidates have to pass 6-credit hours courses of mathematics in first two semesters.)
III. General Science
   a. Math, Stat, Phy
   b. Math, Stat, Eco
   c. Math, Stat, Comp
   d. Math, Phy, Comp
   e. Math, Eco, Comp
IV. At least 60% marks in DAE (1st & 2nd Year) in a relevant discipline. [for BS Cyber Security and Maximum Five Seats]
V. A-Levels (with equivalence of mentioned above by IBCC) with at least 50% obtained marks

Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
CYDC-5101	Introduction to Cyber Security	3(2+1)
CMPC-5201	Programming Fundamentals	4(3+1)
URCQ-5101	Quantitative Reasoning-I	3(3+0)
URCG-5118	Functional English	3(3+0)
URCG5123	Applications of Information and Communication Technologies	3(2+1)
URCG-5105	Islamic Studies	2(2+0)
URCG-5126	Ethics	
URCM-5107	Mathematics – I	Non-credit
		Total 18
Semester-2		
CMPC-5203	Data Structures and Algorithms	4(3+1)
PHYS-6133	Introduction to Quantum Computing	3(3+0)
CMPC-5208	Computer Networks	3(2+1)
URCQ-5102	Quantitative Reasoning-II	3(3+0)
FINA-6119	Digital Drawing-I	2(2+0)
URCG-5122	Ideology and Constitution of Pakistan	2(2+0)
CRIM-6236	Cyber Crimes	2(2-0)
URCM-5108	Mathematics – II	Non-credit
URCG-5129	Understanding of Holy Quran – I OR	1 (0+1)
URCG5131	Ethics-I	
		Total 20
Semester-3		
URCG-5119	Expository Writing	3 (3+0)
CYDC-5102	Secure Software Design and Development	3 (2+1)
URCG-5128	Pakistan Studies	2 (2+0)
CMPC-5203	Database Systems	3 (2+1)
CMPC-5204	Operating Systems	3 (2+1)
URCG-5125	Civics and Community Engagement*	2 (2+0)
		Total 16
Semester-4		
CYDC-5102	Information Security Management	3(3+0)
CYDC-5103	Network Security	3(2+1)
CYDC-5104	Malware Analysis and Reverse Engineering	3(2+1)
CYDC-5105	Cloud and Application Security	3(2+1)
CYDC-5106	Vulnerability Assessment & Penetration Testing	3(2+1)
URCG-5124	Entrepreneurship	2(2+0)
URCG-5130	Understanding of Holy Quran – II	1(0+1)
URCG-5132	Ethics – II	
		Total 18
Semester-5		
CYAC-6201	Artificial Intelligence IDS – I*****	3 (2+1)
CYDC-5107	Digital Forensics and Incident Response	3 (2+1)
CYDC-5108	Cryptography	3 3+0)
CMPC-5204	Digital Logic Design	4 (3+1)
	Elective-I	3
	Elective-II	3
		Total 19
Semester-6		
CYAC-6201	Computer Organization and Architecture	3 (2+1)

	IDS – II	3 (3+0)
	Elective-III	3
	Elective-IV	3
CYAC-6202	Design and Analysis of Algorithms	3
		Total 15
Semester-7		
	IDS – III	3 (3+0)
	IDS – IV	3 (3+0)
	Elective-V	3
	Elective-VI	3
CYDC-6222	Final Year Project I	3
CYDC-6220	Professional Certification++	3
		Total 18
Semester-8		
CYDC-6223	Final Year Project-II)	3
CYDC-6221	Field Experience	3
		Total 6



BS in Information Technology (5th Semester Intake)

Eligibility: ADP/ADS Specialization in (Computer Science or Computing relevant) of two years (Semester system) with minimum CGPA of 2.5. Minimum credit hours should not be less than 61.

OR

ADP/B.Sc of two years (Annual System) minimum marks obtained should not be less than 45 percent. ADP/B.Sc with (Computer Studies out of 200 + Mathematics out of 200) Minimum.

Duration: 2 Years

Semesters: 4

Degree Requirements: 74

Code	Course Title	C/Hr.
Semester-1		
CMPC-6201	Operating Systems	3(2-3)
ITDC-6201	Database Administration & Management	3(2-3)
ITDC-6202	System & Network Administration	3(2-3)
ITDE-6xxx	Domain Elective 1	3(3-0)
ITDE-6xxx	Domain Elective 2	3(3-0)
URCA-xxxx	Social Science Elective	2(2-0)
		Total 17(14-9)
Semester-2		
ITDC-6203	Information Technology Infrastructure	3 (3-0)
ITDC-6204	Parallel & Distributed Computing	3 (3-0)
ITDE-6xxx	Domain Elective 3	3 (3-0)
ITDE-6xxx	Domain Elective 4	3 (3-0)
ITDE-6xxx	Domain Elective 5	3 (3-0)
ITDE-6xxx	Domain Elective 6	3 (3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	Non-Credit
		Total 18(18-0)
Semester-3		
CMPC-6702	Final Year Project – I	2(0-6)
CMPC-6101	Analysis of Algorithms	3(3-0)
ITDE-6xxx	Domain Elective 7	3(3-0)
ENGL-6101	Technical & Business Writing	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
		Total 13(11-6)
Semester-4		
CMPC-6703	Final Year Project – II	4(0-12)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCS-6101	Professional Practices	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 11(6-13)



MS Information Technology

Eligibility: Sixteen years of education including 4-years BSCS/ BSIT/ BSSE/ MSc IT or Equivalent (at least 2.50 CGPA out of 4.00) + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
ITCC-701	Advanced Analysis of Algorithms	3(3-0)
ITCC-702	Information Privacy and Security	3(3-0)
ITCC-703	Cryptography	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ehtics-I	1(0-1)
		Total 10(9-1)
Semester-2		
ITCC-704	Advanced Database Management System	3(3-0)
	Elective I	3(3-0)
	Elective II	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ehtics-II	1(0-1)
		Total 10(9-1)
Semester-3		
	Elective III	3(3-0)
	Elective IV	3(3-0)
ITCC-700	Thesis-I	3(3-0)
		Total 6
Semester-4		
ITCC-700	Thesis-I	3(0-3)
		Total 6

PhD Information Technology

Eligibility: Minimum CGPA 3.0 out of 4.0 in the semester system or 1st division in annual system in MPhil/MS/equivalent degree in Information Technology or related disciplines + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of Elective/General Courses		
URCG-5129/31	Understanding of Holy Quran-I/Ehtics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ehtics-II	1(0-1)
ITEC-701	Advanced Topics in Parallel Processing	3(3-0)
ITEC-702	Advanced Research Methods	3(3-0)
ITEC-703	Evolutionary Computation	3(3-0)
ITEC-704	Ubiquitous Information Interaction	3(3-0)
ITEC-705	Number Theory and Cryptography	3(3-0)
ITEC-706	Harmonic Analysis	3(3-0)
ITEC-707	Randomized Algorithms	3(3-0)
ITEC-708	Information Theory I	3(3-0)
ITEC-709	Advance Topics in Fog Computing	3(3-0)
ITEC-710	Advance Topics in Cloud Computing	3(3-0)
ITEC-711	Blockchain	3(3-0)
ITEC-801	Special Topics in Cluster & Grid Computing	3(3-0)
ITEC-802	Special Topics in Distributed Computing	3(3-0)
ITEC-803	Special Topics in Machine Learning	3(3-0)
ITEC-804	Special Topics in Artificial Intelligence	3(3-0)
ITEC-805	Optimization Methods	3(3-0)
ITEC-806	Special Topics I Big Data Analysis	3(3-0)
ITEC-807	Cryptanalysis	3(3-0)
ITEC-809	Applied Cryptography	3(3-0)
ITEC-810	Digital Communication	3(3-0)
ITEC-811	6G wireless Networks	3(3-0)
ITEC-812	Quantum Cryptography	3(3-0)



DEPARTMENT OF **SOFTWARE ENGINEERING**



Dr. Sumair Raza
Associate Professor / Chairperson

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FACULTY

Abid Rafiq
Assistant Professor

Saud Bin Tahir
Assistant Professor

Dr. Ahmad Mustafa
Assistant Professor

Dr. Afzal Badshah
Assistant Professor

Qaisra Ramzan
Lecturer

Dr. Muhammad Ramzan
Lecturer

Farhana Sharief
Lecturer

Naveed Ahmad
Lecturer

BS in Computer Science – Specialization in Software Engineering

Eligibility: Higher Secondary School Certificate(Part-I/ Part II) / A-levels (involving minimum 12 years of schooling) or an IBCC equivalent qualification with at least 50% marks with one of the following combinations and having studied Mathematics is the basic eligibility requirement for admission in BS Computer Science Program.

i.Pre-Engineering
ii.Pre-Medical (The students who have not studied Mathematics at intermediate level have to pass deficiency courses of Mathematics (06 credits) in first year including zero semester)
iii.General Science
  a.Mathematics, Statistics, Physics
  b.Mathematics, Statistics, Economics
  c.Mathematics, Statistics, Computer
  d.Mathematics, Physics, Computer
  e. Mathematics, Economics, Computer

Duration: 4 Years
Semesters: 8
Degree Requirements: 130-148 Credit Hours

Code	Pre-req.	Course Title	C/Hr.
Semester-1			
CMPC-5201		Programming Fundamentals	4(3-3)
URCG-5123		Application of Information Communication Technologies	3(2-3)
URCG-5105		Islamic Studies	2(2-0)
URCG-5126		Ethics (Non-Muslim Students)	
URCG-5118		Functional English	3(3-0)
URCG-5129		Understanding of the Holy Quran-I	1(1-0)
CMPC-5208		Computer Networks	3(2-3)
URCM-5107		Mathematics-I	0 (3-0)
			Total 19(17-6)
Semester-2			
CMPC-5202	CMPC-5201	Object Oriented Programming	4(3-3)
CMPC-5205	CMPC-5201	Data Structures	4(3-3)
URCG-5120		Exploring Quantitative Skills	3(3-0)
URCG-5117		Science of Society-II	2(2-0)
URCG-5128		Pakistan Studies	2(2-0)
URCG-5120		Understanding of the Holy Quran-II	1(1-0)
URCG-5113		Space, Place and Experience	2(2-0)
URCM-5108		*Mathematics-II	0(3-0)
			Total 18(9-6)
Semester-3			
CMPC-5203		Database Systems	4(3-3)
URCG-5122		Ideology and Constitution of Pakistan	2(2-0)
URCQ-5102		Calculus and Analytic Geometry	3(3-0)
CMPC-6201		Operating Systems	4(3-3)
URCG-5119		Expository Writing	3(3-0)
URCG-5121		Tools for Quantitative Reasoning	3(3-0)
			Total 19(17-6)
Semester-4			
MATH-5102		Linear Algebra	3(3-0)
CMPC-5101		Software Engineering	3(3-0)
MATH-5103		Probability & Statistics	3(3-0)
URCS-6101		Professional Practices	3(3-0)
URCG-5115		The Science of Global Challenges	3(3-0)
URCG-5125		Civics and Community Engagement	2(2-0)

URCG-5124	Entrepreneurship	2(2-0)
		Total 19(19-0)
Semester-5		
CMPC-5204	Digital Logic Design	4(3-3)
CMPC-6203	Theory of Automata	3(3-0)
CMPC-6202	Cloud Computing	3(2-3)
CMPC-5206	Information Security	3(2-3)
SEDE -XXXX	Software Engineering (Elective-I)	3(3-0)
SEDE -XXXX	Software Engineering (Elective-II)	3(3-0)
		Total 19(16-9)
Semester-6		
CMPC-5209 CMPC-5204	Computer Organization, Architecture and Assembly Language	3(3-0)
CMPC-5207	Artificial Intelligence	3(2-3)
SEDE -XXXX	Software Engineering (Elective-III)	3(3-0)
SEDE -XXXX	Software Engineering (Elective-IV)	3(3-0)
SEDE -XXXX	Software Engineering (Elective-V)	3(3-0)
		Total 19(16-9)
Semester-7		
CMPC-6702	Final Year Project - I	2 (0-6)
CMPC-6101	Analysis of Algorithms	3 (3-0)
SEDE -XXXX	Software Engineering (Elective-VI)	3 (3-0)
SEDE -XXXX	Software Engineering (Elective-VII)	3 (3-0)
SEDE -XXXX	Software Engineering (Elective-VIII)	3 (3-0)
		Total 14(12-6)
Semester-8		
CMPC-6703 CMPC-6702	Final Year Project - II	4(0-12)
SEDE -XXXX	Software Engineering (Elective-IX)	3(3-0)
		Total 7(3-12)
Field Experience/Internship and Professional Certification		
CMPC-6704	Professional Certification	3
CMPC-6705	Field Experience/Internship	3
		Total 6

BS in Computer Science – Specialization in Data Science

Eligibility: Higher Secondary School Certificate(Part-I/ Part II) / A-levels (involving minimum 12 years of schooling) or an IBCC equivalent qualification with at least 50% marks with one of the following combinations and having studied Mathematics is the basic eligibility requirement for admission in BS Computer Science Program.

i.Pre-Engineering

ii.Pre-Medical (The students who have not studied Mathematics at intermediate level have to pass deficiency courses of Mathematics (06 credits) in first year including zero semester)

iii.General Science

a.Mathematics, Statistics, Physics

b.Mathematics, Statistics, Economics

c.Mathematics, Statistics, Computer

d.Mathematics, Physics, Computer

e. Mathematics, Economics, Computer

Duration: 4 Years

Semesters: 8

Degree Requirements: 130-148 Credit Hours

Code	Pre-req.	Course Title	C/Hr.
Semester-1			
CMPC-5201		Programming Fundamentals	4(3-3)
URCG-5123		Application of Information Communication Technologies	3(2-3)
URCG-5105		Islamic Studies	2(2-0)
URCG-5126		Ethics (Non-Muslim Students)	
URCG-5118		Functional English	3(3-0)
URCG-5129		Understanding of the Holy Quran-I	1(1-0)
CMPC-5208		Computer Networks	3(2-3)
URCM-5107		*Mathematics-I	0(3-0)
			Total 16(16-9)
Semester-2			
CMPC-5202	CMPC-5201	Object Oriented Programming	4(3-3)
CMPC-5205	CMPC-5201	Data Structures	4(3-3)
URCG-5120		Exploring Quantitative Skills	3(3-0)
URCG-5117		Science of Society-II	2(2-0)
URCG-5128		Pakistan Studies	2(2-0)
URCG-5120		Understanding of the Holy Quran-II	1 (1-0)
URCG-5113		Space, Place and Experience	2 (2-0)
URCM-5108		*Mathematics-II	0(3-0)
			Total 18(19-6)
Semester-3			
CMPC-5203		Database Systems	4(3-3)
URCG-5122		Ideology and Constitution of Pakistan	2(2-0)
URCQ-5102		Calculus and Analytic Geometry	3(3-0)
CMPC-6201		Operating Systems	4(3-3)
URCG-5119		Expository Writing	3(3-0)
URCG-5121		Tools for Quantitative Reasoning	3(3-0)
			Total 19(17-6)
Semester-4			
MATH-5102		Linear Algebra	3(3-0)
CMPC-5101		Software Engineering	3(3-0)
MATH-5103		Probability & Statistics	3(3-0)
URCS-6101		Professional Practices	3(3-0)
URCG-5115		The Science of Global Challenges	3(3-0)
URCG-5125		Civics and Community Engagement	2(2-0)
URCG-5124		Entrepreneurship	2(2-0)
			Total 19(17-6)
Semester-5			
CMPC-5204		Digital Logic Design	4(3-3)
CMPC-6203		Theory of Automata	3(3-0)
CMPC-6202		Cloud Computing	3(2-3)
CMPC-5206		Information Security	3(2-3)
DSDE -XXXX		Data Science (Elective-I)	3(3-0)
DSDE -XXXX		Data Science (Elective-II)	3(3-0)
			Total 19(17-6)
Semester-6			
CMPC-5209	CMPC-5204	Computer Organization, Architecture and Assembly Language	3(3-0)

CMPC-5207	Artificial Intelligence	3(2-3)
DSDE -XXXX	Data Science (Elective-III)	3(3-0)
DSDE -XXXX	Data Science (Elective-IV)	3(3-0)
DSDE -XXXX	Data Science (Elective-V)	3(3-0)
		Total 15(14-3)
Semester-7		
CMPC-6702	Final Year Project - I	2(0-6)
CMPC-6101	Analysis of Algorithms	3(3-0)
DSDE -XXXX	Data Science (Elective-VI)	3(3-0)
DSDE -XXXX	Data Science (Elective-VII)	3(3-0)
DSDE -XXXX	Data Science (Elective-VIII)	3(3-0)
		Total 14(12-6)
Semester-8		
CMPC-6703 CMPC-6702	Final Year Project - II	4(0-12)
DSDE -XXXX	Data Science Elective-IX	3(3-0)
		Total 07(3-12)
Field Experience/Internship and Professional Certification		
CMPC-6704	Professional Certification	3
CMPC-6705	Field Experience/Internship	3
		Total 6

MS Software Engineering

Eligibility: Sixteen years of education including 4-years BSCS/ BSIT/ BSSE/ MSc IT or Equivalent (at least 2.50 CGPA out of 4.00) + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
SECC-701	Advanced Requirements Engineering	3(3-0)
SECC-703	Advanced Software SystemArchitecture	3(3-0)
	Elective-I	3(3-0)
URCG-529/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
SECC-702	Software Testing & Quality Assurance	3(3-0)
SECC-704	Advanced Software	3(3-0)
	Project Management	3(3-0)
	Elective-II	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3		
SECC-700	Thesis-I	3(0-3)
	Elective III	3(3-0)
	Elective IV	3(3-0)
		Total 9(6-3)
Semester-4		
SECC-700	Thesis-II	3(0-3)



FACULTY OF
ENGINEERING AND TECHNOLOGY

Email: principal.cet@uos.edu.pk

MISSION OF COLLEGE OF ENGINEERING AND TECHNOLOGY (CET)

- To provide world class engineering and technology education based on conducive learning environment, quality teaching, commercialization and extensive research emerging as a solution provider to industry.
- To ensure a collaborative work environment for faculty and students to achieve professional excellence.
- To improve global visibility by enhancing mutually linkages with national and international organizations by contributing knowledge economy, social transformations and community service through advance technical studies.

List of Departments

- Mechanical, Industrial & Energy Systems (DMIES)
- Electrical, Electronics & Computer Systems (DEECS)
- Civil, Environment & Transportation Systems (DCETS)

Engineering plays a pivotal role in the socio-economic and technical development of a country. Pakistan, as a developing country is in dire need of highly skilled and qualified manpower. Our industry needs revival of engineering and technical skills where engineers share to play their significant role. The College of Engineering and Technology started in 2013 with the objective to impart quality education in the field of Engineering.

The college has a purpose-built campus, state-of-the-art laboratories, a library with books and journals dedicated to Engineering and Technology, spacious academic blocks, a boys' hostel, and vast playgrounds. The college also has qualified teaching staff, including foreign-qualified PhDs and postdoctoral researchers. The college is providing conducive environment for conceptual understanding of the subject along with practical skills of engineering. The college being the constituent part of the University has benefits of having qualified teachers in the field of English, Social Sciences, Pakistan Studies, Physics, Chemistry and Computer Sciences.

DEPARTMENT OF CIVIL, ENVIRONMENT & TRANSPORTATION SYSTEMS



Engr. Dr Malik Muneeb Abid
Associate Professor / Chairperson /
Principal, College of Engineering and Technology

Contact
civil.cet@uos.edu.pk
Mechanical Block, Allama Iqbal Campus

FACULTY

Engr. Syed Nasir Abbas
Assistant Professor

Engr. Abdul Rahim Khan
Assistant Professor

Engr. Ashok Kumar
Assistant Professor

Engr. Asad Sultan
Lecturer (on study leave)

Engr. Fahad Ahmed
Lecturer (on study leave)

Engr. Dr. Muhammad Mubashir Ajmal
Lecturer (on leave)

Engr. Aqeel Ahmad
Lecturer

Engr. Aisha Butt
Lecturer

BSc Civil Engineering

Eligibility: At least 60 % marks in
HSSC (Part-I / II) Pre-Engineering, ICS or Equivalent
Relevant DAE (1st and 2nd years/1st, 2nd & 3rd year)
+ PEC designated entry test such as ECAT-UOS or UET(ECAT 2026) or NUST, NED, ETEA, MUET, NTS etc
Merit:
50 % Weightage of HSSC (Part-I / II) or Equivalent or DAE (1st and 2nd years/1st, 2nd & 3rd year)
17% Weightage of SSC or Equivalent.
33% weightage to latest PEC designated entry test
20 marks for Hafiz-e-Quran if applicable
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

	Course Title	C/Hr.
Semester-1		
CE-1110	Civil Engineering Drawing	1(1-0)
CE-1121	Civil Engineering Drawing Lab	2(0-2)
CE-1130	Basic Engineering Surveying	2(2-0)
CE-1141	Basic Engineering Surveying Lab	1(0-1)
CE-1150	Civil Engineering Materials	2(2-0)
CE-1161	Civil Engineering Materials Lab	1(0-1)
NSC-1170	Quantitative Reasoning – I	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	1(1-0)
URCG-5118	Functional English	2(2-0)
IT-1180	Application of ICT	2(2-0)
IT-1191	Application of ICT Lab	1(0-1)
		Total 18(13-5)
Semester-2		
CE-1210	Basic Electro-Mechanical Engineering	2(2-0)
CE-1221	Basic Electro-Mechanical Engineering Lab	1(0-1)
CE-1230	Engineering Mechanics	2(2-0)
CE-1241	Engineering Mechanics Lab	1(0-1)
Geol-1250	Geology for Engineers	2(2-0)
CE-1260	Construction Engineering	2(2-0)
IT-1270	Computer Programming	2(2-0)
IT-1281	Computer Programming Lab	1(0-1)
NSC-1290	Quantitative Reasoning – II	3(3-0)
URCG-5105	Islamic Studies OR	2(2-0)
URCG-5126	Ethics	
URCG-5129/31	Understanding of the Holy Quran-I/Ethics-I	1(0-1)
		Total 19(15-4)
Semester-3		
CE-2110	Advanced Engineering Surveying	2(2-0)
CE-2121	Advanced Engineering Surveying Lab	1(0-1)
CE-2130	Mechanics of Solids-I	2(2-0)
CE-2141	Mechanics of Solids-I Lab	1(0-1)
CE-2150	Civil Engineering Drawing & Graphics	1(1-0)
CE-2161	Civil Engineering Drawing & Graphics Lab	2(0-2)
NSC-2170	Advanced Calculus	3(3-0)
CE-2180	Quantity and Cost Estimation	2(2-0)

CE-2191	Quantity and Cost Estimation Lab	1(0-1)
URCG-5125	Civics and Community Engagement	2(2-0)
		Total 17(15-2)
Semester-4		
CE-2210	Fluid Mechanics	2(2-0)
CS-2221	Fluid Mechanics Lab	1(0-1)
CS-2230	Soil Mechanics	2(2-0)
CE-2241	Soil Mechanics Lab	1(0-1)
CE-2250	Structural Analysis-I	3(3-0)
CE-2260	Highway and Traffic Engineering	2(2-0)
NSC-2270	Applied Mathematics	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 18(15-3)
Summer Semester		
	MD-2 Survey Camp	NC
Semester-5		
CE-3110	Environmental Engineering	2(2-0)
CE-3121	Environmental Engineering Lab	1(0-1)
CE-3130	Mechanics of Solids-II	2(2-0)
CE-3141	Mechanics of Solids-II Lab	1(0-1)
CE-3150	Engineering Hydrology	2(2-0)
CE-3161	Engineering Hydrology Lab	1(0-1)
NSC-3170	Numerical Analysis	3(3-0)
SOC-3180	Engineering Economics	2(2-0)
SOC-3190	Business Communication	2(2-0)
		Total 16(13-3)
Semester-6		
CE-3210	Advanced Fluid Mechanics	2(2-0)
CE-3221	Advanced Fluid Mechanics Lab	1(0-1)
CE-3230	Reinforced Concrete Design-I	3(3-0)
CE-3241	Reinforced Concrete Design-I Lab	1(0-1)
CE-3250	Structural Analysis-II	3(3-0)
SOC-3260	Project Management	2(2-0)
CE-3270	Architecture and Town Planning	2(2-0)
CE-3280	Occupational and health safety	1(1-0)
CE-3290	Modeling and Simulation	1(1-0)
CE-3301	Modeling and Simulation Lab	1(0-1)
-	Community Service	NC
		Total 17(14-3)
	Field Experience	Non Credit
Semester-7		
CE-4120	Geotechnical Engineering	3(3-0)
CE-4131	Geotechnical Engineering Lab	1(0-1)
CE-4140	Foundation Engineering	2(2-0)
CE-4150	Pavement Analysis and Design	2(2-0)
CE-4161	Pavement Analysis and Design Lab	1(0-1)
CE-4170	Geo Informatics	1(1-0)
CE-4181	Geo Informatics Lab	1(0-1)
URCG-5124	Entrepreneurship	2(2-0)
CE-4191(A)	FYDP Part I	3(0-3)
		Total 16(10-6)
Semester-8		
CE-4210	Reinforced Concrete Design-II	3(3-0)
CE-4221	Reinforced Concrete Design-II Lab	1(0-1)
CE-4230	Steel Structures	2(2-0)
CE-4240	Irrigation Engineering	2(2-0)
CE-4251	Irrigation Engineering Lab	1(0-1)
CE-4260	Hydraulics Engineering	2(2-0)
CE-4271	Hydraulics Engineering Lab	1(0-1)
CE-4191 (B)	FYDP Part II	3(0-3)
URCG-5119	Expository Writing	2(2-0)
		Total 17(11-6)

Bachelor of Engineering Technology (Civil) [B.E.Tech.(Civil]

Eligibility: At least 50 % marks in
HSSC (Part-I / II) Pre-Engineering, Pre-Medical, ICS or Equivalent
Relevant DAE (1st, 2nd years/1st, 2nd & 3rd year)
And HEC/NTC designated or University Entry Test for BS Engineering Technology
Merit:
70% Weightage of HSSC (Part-I / II) or Equivalent or DAE (1st and 2nd years/1st, 2nd & 3rd year)
30% Weightage to entry test
20 marks for Hafiz-e-Quran if applicable
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
NSC-1110	Applied Mathematics I	3(3-0)
CET-1120	Materials and Methods of Construction	2(2-0)
CET-1121	Materials and Methods of Construction Lab	1(0-1)
NSC-1130	Applied Physics	2(2-0)
NSC-1131	Applied Physics Lab	1(0-1)
CET-1140	Civil Engineering drawing, Drafting & Interpretation	1(1-0)
CET-1141	Civil Engineering drawing, Drafting and	2(0-2)
	Interpretation Lab	
ICT-1150	Application of Information Communication	2(2-0)
	Technologies (ICT)	
ICT-1151	Application of Information Communication	1(0-1)
	Technologies (ICT) Lab	
URCG-5118	Functional English	3(3-0)
		Total 18(13-5)
Semester-2		
CET-1210	Concrete Technology	2(2-0)
CET-1211	Concrete Technology Lab	1(0-1)
HUM-1220	Communication Skills	3(3-0)

CET-1230	Surveying	2(2-0)
CET-1231	Surveying Lab	2(0-2)
URCG-5105	Islamic Studies (OR)	
URCG-5126	Religious Education/Ethics	2(2-0)
NSC-1250	Applied Mathematics II	3(3-0)
NSC-1260	Applied Chemistry	2(2-0)
NSC-1261	Applied Chemistry Lab	1(0-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 19(14-5)

Semester-3

CET-2110	Evolution of Architecture and Engineering	2(2-0)
CET-2120	Professional Ethics for Civil Engineering Technologist	3(3-0)
CET-2130	Environmental Technology	1(1-0)
CET-2131	Environmental Technology Lab	1(0-1)
CET-2140	Fluid Mechanics	2(2-0)
CET-2141	Fluid Mechanics Lab	1(0-1)
CET-2150	Mechanics of Solids	2(2-0)
CET-2151	Mechanics of Solids Lab	1(0-1)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 18(15-3)

Semester-4

CET-2210	Transportation and Highway Technology	2(2-0)
CET-2211	Transportation and Highway Technology Lab	2(0-2)
URCG-5125	Civics and Community Engagement	2(2-0)
CET-2230	Soil Mechanics	2(2-0)
CET-2231	Soil Mechanics Lab	2(0-2)
CET-2240	Structural Principles	2(2-0)
HUM-2250	Technical & Scientific Writing for Technologists	3(3-0)
CET-2260	Engineering Economics	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 19(14-5)

Summer Semester

	Survey Camp	

Semester-5

CET-3110	Hydrology	1(1-0)
CET-3111	Hydrology Lab	1(0-1)
CET-3120	Reinforced and Prestressed Concrete	2(2-0)
CET-3121	Reinforced and Prestressed Concrete Lab	1(0-1)
CET-3130	Construction Equipment and Jobsite Practices	2(2-0)
CET-3131	Construction Equipment and Jobsite Practices Lab	1(0-1)
CET-3140	Computer Aided Drawing and Building Information Modelling	1(1-0)
CET-3141	Computer Aided Drawing and Building Information Modelling Lab	2(0-2)
CET-3150	Geotechnical Investigation and Foundations	1(1-0)
CET-3151	Geotechnical Investigation and Foundations Lab	1(0-1)
CET-3160	Electro-Mechanical Technology	2(2-0)
CET-3171	Project	3(0-3)
		Total 18(9-9)

Semester-6

CET-3210	Engineering Geology	2(2-0)
CET-3220	Irrigation Technology	3(3-0)
CET-3230	Construction of Steel Structures	2(2-0)
CET-3231	Construction of Steel Structures Lab	1(0-1)
CET-3240	Quantity Surveying and Estimation	1(1-0)
CET-3241	Quantity Surveying and Estimation Lab	2(0-2)
CET-3250	Repair and Maintenance of Civil Works	2(2-0)
URCE-5124	Entrepreneurship	2(2-0)
CET-3271	Project	3(0-3)
		Total 18(12-6)

Semester-7

CET-4111	Supervised Industrial Training	16(0-16)

Semester-8

CET-4211	Supervised Industrial Training	16(0-16)



MISSION OF THE DEPARTMENT OF CIVIL, ENVIRONMENT & TRANSPORTATION SYSTEMS

To provide an educational, professional and intellectual environment through modern teaching and research practices for betterment of society.

PEOs for BSc Civil Engineering

PEO-1 Apply the knowledge and skills to investigate and solve the civil engineering problems by utilizing appropriate tools and techniques.

PEO-2 Uphold principles of ethics and exercise the effective communication and management in multidisciplinary environment.

PEO-3 Ability to provide the professional and sustainable engineering solutions in society through continuous learning process.

PROGRAM LEARNING OUTCOMES (PLOs) [FOR BSc Civil Engineering]

PLO-1 Engineering Knowledge: Apply knowledge of mathematics, natural science, engineering fundamentals and Engineering specialization to the solution of complex engineering problems (WK-1-WK-4).

PLO-2 Problem Analysis: Identify, formulate, conduct research literature, and analyse complex Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences (WK-1-WK-4).

PLO-3 Design/Development of Solutions: An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations (WK-5).

PLO-4 Investigation: Conduct investigation of complex Engineering problems using research-based knowledge and research methods, including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions (WK-8).

PLO-5 Tool Usage: Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex Engineering problems, with an understanding of the limitations (WK-2 and WK-6).

PLO-6 The Engineer and the World: Analyze and evaluate sustainable development impacts to society, the economy, sustainability, health and safety, legal frameworks, and the environment while solving complex engineering problems (WK-1, WK-5, and WK-7).

PLO-7 Ethics: Apply ethical principles and commit to professional ethics and norms of engineering practice and adhere to relevant national and international laws. Demonstrate an understanding of the need for diversity and inclusion (WK-9).

PLO-8 Individual and Collaborative Team Work: Function effectively as an individual, and as a member or leader in diverse and inclusive teams and in multi-disciplinary, face-to-face, remote and distributed settings (WK-9).

PLO-9 Communication: Communicate effectively and inclusively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, and make effective presentations, taking into account cultural, language, and learning differences (WK-1 and WK-9).

PLO-10 Project Management and Finance: Demonstrate knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments (WK-2 and WK-5).

PLO-11 Lifelong Learning: Recognize the need for and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change (WK-8 and WK-9).

PEOs for Bachelor of Engineering Technology (Civil)

PEO-1 Equip graduates with the technical expertise to address engineering challenges, while fostering a strong commitment to ethical practices and an acute awareness societal and environmental responsibilities.

PEO-2 Achieve Proficiency in Communication, leadership and teamwork in multi-disciplinary environments.

PEO-3 Demonstrate engagement in continued professional development and productive research.

PROGRAM LEARNING OUTCOMES (PLOs) [for Bachelor of Engineering Technology (Civil)]

As per the accreditation body NTC, following PLOs/GAs/SAs have to be followed and attained.
(i) Engineering Technology Knowledge (SA1): An ability to apply knowledge of mathematics, natural science, Engineering Technology fundamentals and Engineering Technology specialization to defined and applied Engineering Technology procedures, processes, systems or methodologies.

(ii) Problem Analysis (SA2): An ability to Identify, formulate, research literature and analyze broadly-defined Engineering Technology problems reaching substantiated conclusions using analytical tools appropriate to the discipline or area of specialization.

(iii) Design/Development of Solutions (SA3): An ability to design solutions for broadly- defined Engineering Technology problems and contribute to the design of systems, components or processes to meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

(iv) Investigation (SA4): An ability to conduct investigations of broadly-defined problems; locate, search and select relevant data from codes, data bases and literature, design and conduct experiments to provide valid conclusions.

(v) Modern Tool Usage (SA5): An ability to Select and apply appropriate techniques, resources, and modern technology and IT tools, including prediction and modelling, to broadly-defined Engineering Technology problems, with an understanding of the limitations.

(vi) The Engineering Technologist and Society (Sa6): An ability to demonstrate understanding of the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to Engineering Technology practice and solutions to broadly defined Engineering Technology problems.

(vii) Environment and Sustainability (SA7): An ability to understand and evaluate the sustainability and impact of Engineering Technology work in the solution of broadly defined Engineering Technology problems in societal and environmental contexts.

(viii) Ethics (SA8): Understand and commit to professional ethics and responsibilities and norms of Engineering Technology practice

(ix) Individual and Team Work (SA9): An ability to Function effectively as an individual, and as a member or leader in diverse teams.

(x) Communication (SA10): An ability to communicate effectively on broadly defined Engineering Technology activities with the Engineering Technologist community and with society at large, by being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

(xi) Project Management (SA11): An ability to demonstrate knowledge and understanding of Engineering Technology management principles and apply these to one's own work, as a member or leader in a team and to manage projects in multidisciplinary environments.

(xii) Lifelong Learning (SA12): An ability to recognize the need for, and have the ability to engage in independent and life-long learning in specialist Engineering Technologies.

DEPARTMENT OF ELECTRICAL, ELECTRONICS & COMPUTER SYSTEMS



Engr. Dr. Muhammad Saeed Khan
Associate Professor / Chairperson

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FACULTY

Engr. Dr. H. M. Waseem Khalil
Assistant Professor

Engr. Dr. Ateeq-ur-Rehman Shaheen
Assistant Professor

Engr. Dr. Zohaib Mushtaq
Assistant Professor

Nasim Zahra
Assistant Professor

Hafiz Ghulam Murtaza Qamar
Assistant Professor

Dr. Waseem Aslam
Assistant Professor

Engr. Dr. Imran Khan
Assistant Professor

Engr. Erum Rehman
Lecturer

Engr. Muhammad Imran
Lecturer (on study leave)

Engr. Yasir Salam
Lecturer (on study leave)

Engr. Nauman Ahmad Tariq
Lecturer

Engr. Saad Ullah
Lecturer

Engr. Muhammad Nadeem
Lecturer

Engr. Muhammad Waqar Zahid
Lecturer (on study leave)

BSc Electrical Engineering

Eligibility: At least 60 % marks in
HSSC (Part-I / II) Pre-Engineering, Pre-Medical, ICS or Equivalent
Relevant DAE (1st and 2nd years/1st, 2nd & 3rd year)
+ PEC designated entry test such as ECAT-UOS or UET(ECAT 2026) or ETEA, MUET, NED, NTS etc.
Merit:
50 % Weightage of HSSC (Part-I / II) or Equivalent or DAE (1st and 2nd years/1st, 2nd & 3rd year)
17% Weightage of SSC or Equivalent.
33% weightage to latest PEC designated entry test
20 marks for Hafiz-e-Quran if applicable
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
Gs1101	Calculus & Analytical Geometry	3(3-0)
GS1102	Applied Physics	3(3-0)
GS1103	Applied Physics Lab	1(0-1)
CE1101	Computer and Programming Fundamentals	3(3-0)
CE1102	Computer and Programming Fundamentals Lab	1(0-1)
URCG-5110	Islamic Studies/Ethics	2(2-0)
EE1101	Workshop Practice	1(0-1)
XX11--	IDEE 1	2(2-0)
XX11--	IDEE 1 Lab	1(0-1)
		Total 17 (13-4)
Semester-2		
Gs1201	Linear Algebra and Differential Equations	3(3-0)
CE1201	Object Oriented Programming	2(2-0)
Ce1202	Object Oriented Programming Lab	1(0-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5120	Functional English	2(2-0)
URCG-5121	Ideology and Constitution of Pakistan	2(2-0)
EE1201	Linear Circuit Analysis	3(3-0)
EE1202	Linear Circuit Analysis Lab	1(0-1)
EE1203	Digital Logic Design	3(3-0)
EE1204	Digital Logic Design Lab	1(0-1)
		Total 19(15-4)
Semester-3		
GS2101	Complex Variable and Transforms	3(3-0)
CE21--	Computing Elective - I	2(2-0)
CE21--	Computing Elective - I Lab	1(0-1)
HU2101	Communication Skills	2(2-0)
EE2101	Engineering Drawing	1(0-1)
EE2102	Electrical Network Analysis	3(3-0)
EE2103	Electrical Network Analysis Lab	1(0-1)
EE2104	Electronic Devices and Circuits	3(3-0)
EE2105	Electronic Devices and Circuits Lab	1(0-1)
		Total 17(13-4)
Semester-4		
Gs2201	Numerical Methods	3(3-0)
URCG-5220	Translation of Holy Quran	0(0-0)
URCG-5221	Civics and Community Engagement	2(2-0)

EE2201	Signals & Systems	3(3-0)
EE2202	Signals & Systems Lab	1(0-1)
EE2203	Electrical Engineering Workshop	1(0-1)
EE2204	Electrical Machines	3(3-0)
EE2205	Electrical Machines Lab	1(0-1)
EE2206	Electrical Circuit Design	3(3-0)
EE2207	Electrical Circuit Design Lab	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 19(14-5)

Semester-5

Gs31–	Natural Science Elective - I	3(3-0)
EE3101	Instrumentation and Measurement	3(3-0)
EE3102	Instrumentation and Measurement Lab	1(0-1)
EE3103	Electromagnetic Field Theory	3(3-0)
EE3104	Communication Systems	3(3-0)
EE3105	Communication Systems Lab	1(0-1)
EE3106	Introduction to Embedded Systems	3(3-0)
EE3107	Introduction to Embedded Systems Lab	1(0-1)
		Total 18(15-3)

Semester-6

Ms3201	Engineering Economics & Managements	2(2-0)
URCG-5320	Translation of Holy Quran	0(0-0)
EE3201	Linear Control Systems	3(3-0)
EE3202	Linear Control Systems Lab	1(0-1)
EE32--	Breadth Core Elective- I	3(3-0)
EE32--	Breadth Core Elective- I Lab	1(0-1)
EE32--	Elective-1	3(3-0)
EE32--	Elective-1 Lab	1(0-1)
EE32--	Elective-2	3(3-0)
EE32--	Elective-2 Lab	1(0-1)
		Total 18(14-4)

Semester-7

Hu4101	Technical Writing	2(2-0)
URCG-5410	Seerat of the Holy Prophet (SAW)	1(1-0)
EE41–	Elective-3	3(3-0)
EE41--	Elective-3 Lab	1(0-1)
EE41--	Elective-4	3(3-0)
EE41--	Elective-4 Lab	1(0-1)
XX41-	IDEE 2	2(2-0)
EE411	Design Project	3(0-3)
		Total 16(11-5)

Semester-7

Hu4101	Technical Writing	2(2-0)
URCG-5410	Seerat of the Holy Prophet (SAW)	1(1-0)
EE41--	Elective-3	3(3-0)
EE41--	Elective-3 Lab	1(0-1)
EE41--	Elective-4	3(3-0)
EE41--	Elective-4 Lab	1(0-1)
XX41-	IDEE 2	2(2-0)
EE411	Design Project	3(0-3)
		Total 16(11-5)

Semester-8

URCG-5420	Entrepreneurship	2(2-0)
Hu422-	SS Elective - 2	2(2-0)
Ee4201	Probability Methods in Engineering	3(3-0)
EE42--	Elective-5	3(3-0)
EE42--	Elective-5 Lab	1(0-1)
EE411	Design Project	3(0-3)
		Total 14(10-4)



Bachelor of Engineering Technology (Electrical)

Eligibility: At least 50 % marks in
HSSC (Part-I / II) Pre-Engineering, Pre-Medical, ICS or Equivalent
Relevant DAE (1st, 2nd years/1st, 2nd & 3rd year)
And HEC/NTC designated or University Entry Test
Merit:
70% Weightage of HSSC (Part-I / II) or Equivalent or DAE (1st and 2nd years/1st, 2nd & 3rd year)
30% Weightage to entry test
20 marks for Hafiz-e-Quran if applicable
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
GS1101	Calculus & Analytical Geometry	3(3-0)
GS1102	Applied Physics	3(3-0)
GS1103	Applied Physics Lab	1(0-1)
URCG-5105	Islamic Studies / Ethics	2(2-0)
ET1101	Linear Circuit Analysis	3(3-0)
ET1102	Linear Circuit Analysis Lab	1(0-1)
ET1103	Workshop Practice	2(0-2)
IDTE1101	Application of information and Communication Technologies	2(2-0)
IDTE1102	Application of information and Communication Technologies Lab	1(0-1)
		Total 18(13-5)
Semester-2		
Gs1201	Linear Algebra	2(2-0)
IDTE1201	Computer Programming	1(1-0)
IDTE1202	Computer Programming Lab	1(0-1)
HU1201	Communication Skills	3(3-0)
URCG-5125	Civics and Community Engagement	2(2-0)
ET1201	Digital Electronics	3(3-0)

Et1202	Digital Electronics Lab	1(0-1)
ET1203	Electrical Network Analysis	2(2-0)
ET1204	Electrical Network Analysis Lab	2(0-2)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 18(13-5)

Semester-3

Gs2101	Differential Equations	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
ET2102	Instrumentation and Measurement	3(3-0)
ET2103	Instrumentation and Measurement Lab	1(0-1)
ET2104	Electronic Devices and Circuits	2(2-0)
ET2105	Electronic Devices and Circuits Lab	1(0-1)
IDTE2101	Basic Mechanical Technology	2(2-0)
IDTE2102	Basic Mechanical Technology Lab	2(0-2)
IDTE2103	Introduction to Python	1(0-1)
IDTE2104	Technical Drawing	1(0-1)
		Total 17(11-6)

Semester-4

URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
MS3201	Project Management	2(2-0)
ET2201	Electrical Machines	3(3-0)
ET2202	Electrical Machines Lab	1(0-1)
ET2203	Power and Industrial Electronics	3(3-0)
ET2204	Power and Industrial Electronics Lab	1(0-1)
ET2205	Embedded Systems	2(2-0)
ET2206	Embedded Systems Lab	2(0-2)
ET2207	Signals & Systems	2(2-0)
ET2208	Signals & Systems Lab	1(0-1)
		Total 18(12-6)

Semester-5

URCG-5124	Entrepreneurship	2(2-0)
ET3101	Data and Computer Communication Tech.	2(2-0)
ET3102	Data and Computer Communication Tech.Lab	1(0-1)
ET3103	Industrial Drives and PLC	2(2-0)
ET3104	Industrial Drives and PLC Lab	2(0-2)
ET3105	Renewable Energy Technology	3(3-0)
ET3106	Renewable Energy Technology Lab	1(0-1)
ET3107	Environment Health and Safety	1(1-0)
ET3199	Design Project (Capstone)	3(0-3)
		Total 17(10-7)

Semester-6

URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
HU3201	Technical Report Writing	2(2-0)
ET3202	Electrical Power Transmission and Distribution	3(3-0)
ET3203	Electrical Power Transmission and Distribution Lab	1(0-1)
ET3204	High Voltage Technology	3(3-0)
ET3205	High Voltage Technology Lab	1(0-1)
ET3206	Control Technology	3(3-0)
ET3207	Control Technology Lab	1(0-1)
ET3199	Design Project (Capstone)	3(0-3)
		Total 18(12-6)

Semester-7

ET4101	Supervised Industrial Training	16(0-16)

Semester-8

ET4201	Supervised Industrial Training	16(0-16)



MSc Electrical Engineering

Eligibility: At 2.5/4.0 CGPA in:
BS/BE/BSc in Electrical Engineering, Electronic(s) Engineering, Telecommunications Engineering, Power Engineering, Computer Engineering, Electrical Technology, Electronic(s) Technology, Telecommunications Technology, Computer Technology or equivalent + 50% marks in University Subject Entry Test.
Merit Determination: 70% weightage to Terminal Degree
30% weightage to Test + Interview
Duration: 2 years
Semesters: 4
Degree Requirements: Minimum 32 credit hours

Code	Course Title	C/Hr.
Semester I		
EE-7xxx	Core-I	
EE-7xxx	Core-II	
EE-7xxx	Elective-I	
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	
Semester 2		
EE-7xxx	Core-III	
EE-7xxx	Core-IV	
EE-7xxx	Elective-II	
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	
Semester 3		
EE-7XXX	Elective-III	
EE-7XXX	Elective-IV	
EE-7xxx	Thesis-I / Elective-V	
Semester 4		
EE-7xxx	Thesis	
Core Courses		
EE-7000	Stochastic Processes	3
EE-7001	Linear System Theory	3
EE-6002	Research Methodology	3
EE-7003	Control System Design	3
Elective Courses (Electronics and Embedded Systems)		
EE-7100	Nano-science & Nano-technology	3

EE-7105	Advanced Embedded System Design	3
EE-7106	Introduction to Micro-Electro-Mechanical-Systems (MEMS)	3
EE-8107	ASIC Design Methodology	3
Elective Courses (Power)		
EE-7200	Advanced Renewable Energy Systems	3
EE-7201	Power Systems Protection and Stability	3
EE-8202	Smart Grid Technology and Applications	3
EE-7203	Advanced Power Electronics	3
EE-8204	Power System Operation Control and Optimization	3
EE-8205	Advanced High Voltage Engineering	3
EE-8206	Advanced Power System Analysis	3
EE-7207	Distribution System Modelling and Analysis	3
EE-7208	Flexible AC Transmission System	3
EE-6209	Photovoltaic System	3
EE-7210	Power System Planning	3
EE-7211	Advanced Electrical Machine Design	3
EE-8212	Integration of Green Energy Sources with Power System	3
EE-8213	Optimization Techniques in Power Systems	3
Elective Courses (Control)		
EE-7300	Robust Control Systems	3
EE-7301	Nonlinear Control Systems	3
EE-7302	Optimal Control Theory	3
EE-8304	Advanced Topics in Control	3
EE-8305	Multivariable Control Systems	3
EE-7306	Guidance Navigation and Control	
EE-7307	Digital Control Systems	3
EE-8308	Adaptive Control Systems	3
EE-7309	Modelling and Simulation	3
EE-7310	Control System with Embedded Implementation	3
Elective Courses (Artificial Intelligence and Computingl)		
EE-7400	Introduction to Machine Learning	3
EE-7401	Introduction to feature engineering	3
EE-7402	Introduction to deep learning	3
EE-7403	Data Security	3
EE-7404	Internet of Things	3

BSc Computer Engineering

Eligibility:
At least 60% marks in HSSC (Part-I / II) Pre-Engineering, DAE, ICS or Equivalent
PEC designated Entry Test marks

Merit Determination
50 % Weightage of HSSC (Part-I / II) or Equivalent or DAE(1st and 2nd years/1st, 2nd & 3rd year)
17% Weightage of SSC or Equivalent.
33% weightage to latest PEC designated entry test
20 marks for Hafiz-e-Quran if applicable
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
Gs1101	Calculus & Analytical Geometry	3(3-0)
Gs1102	Applied Physics	2(2-0)
Gs1103	Applied Physics Lab	1(0-1)
CSE1101	Information and Communication Technologies	2(2-0)
CSE1102	Information and Communication Technologies Lab	1(0-1)
URCG-5118	Functional English	3(3-0)
URCG-5105/26	Islamic Studies / Ethics	2(2-0)
CSE1103	Computer Engineering Workshop	1(0-1)
CSE1104	Occupational Health and Safety	1(1-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
		Total 17(14-3)
Semester-2		
GS1201	Linear algebra and Differential Equations	3(3-0)
CSE1201	Computer Programming	3(3-0)
CSE1202	Computer Programming Lab	1(0-1)
URCG-5128	Pakistan Studies	2(2-0)
EE1201	Linear Circuit Analysis	3(3-0)
EE1202	Linear Circuit Analysis Lab	1(0-1)
EE1203	Electronic Devices and Circuit	3(3-0)
EE1204	Electronic Devices and Circuits Lab	1(0-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 18(14-4)
Semester-3		
CS2101	Complex Variable and Transforms	3(3-0)
CSE2101	Discrete Structure	3(3-0)
URCG-5119	Expository Writing	3(3-0)
CSE2102	Digital Logic Design	3(3-0)
CSE2103	Digital Logic Design Lab	1(0-1)
CSE2104	Object Oriented Programming	3(3-0)
CSE2105	Object Oriented Programming Lab	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 18(15-3)
Semester-4		
HU2201	Communication Skills	2(2-0)
EM2201	Engineering Project Management	3(3-0)
EE2201	Signals & Systems	3(3-0)
EE2202	Signals & Systems Labs	1(0-1)
CSE2201	Data Structures and Algorithms	3(3-0)
CSE2202	Data Structures and Algorithms Lab	1(0-1)
CSE2203	Computer Organization and Architecture	3(3-0)
CSE2204	Computer Organization and Architecture Lab	1(0-1)
		Total 17(14-3)
Semester-5		
HU3101	Engineering Economics	2(2-0)
CSE3101	Computer Communication and Networks	3(3-0)
CSE3102	Computer Communication and Networks Lab	1(0-1)

CSE3103	Microprocessors and Interfacing	3(3-0)
CSE3104	Microprocessors and Interfacing Lab	1(0-1)
CSE3105	Operating Systems	3(3-0)
CSE3106	Operating Systems Lab	1(0-1)
CSE3107	Digital Signal Processing	3(3-0)
CSE3108	Digital Signal Processing Lab	1(0-1)
		Total 18(14-4)
Semester-6		
GS3201	Probability and Statistics	3(3-0)
CSE3201	Database Management System	3(3-0)
CSE3202	Database Management System Lab	1(0-1)
CSE3203	Software Engineering	3(3-0)
CSE32XX	CEDE-I	3(3-0)
CSE32XX	CEDE-I Lab	1(0-1)
CSE32XX	CEDE-2	3(3-0)
CSE32XX	CEDE-2 Lab	1(0-1)
		Total 18(15-3)
Semester-7		
GS4101	Numerical Methods	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
CSE4101	Digital System Design	3(0-3)
CSE4102	Digital System Design Lab	1(0-1)
CSE4103	Cloud and Distributed Computing	3(3-0)
CSE4104	Cloud and Distributed Computing Lab	1(0-1)
EE4199	Final Year Design Project (Part I)	3(0-3)
		Total 16(11-5)
Semester-8		
URCG-5125	Civics and Community Engagement	2(2-0)
CSE42xx	CEDE-3	3(0-3)
CSE42xx	CEDE-3 Lab	1(0-1)
xx42xx	IDEE 1	3(3-0)
xx42xx	IDEE2	3(3-0)
EE4299	Final Year Design Project (Part-2)	3(0-3)
		Total 15(11-4)



MISSION OF THE ELECTRICAL, ELECTRONICS & COMPUTER SYSTEMS (DEECS)

To provide high quality education in the field of Electrical Engineering and prepare graduates for ongoing global challenges in industry, economy and research through their technical and entrepreneurial skills.

BSc ELECTRICAL ENGINEERING PROGRAM EDUCATIONAL OBJECTIVES

Graduates of Electrical Engineering, 3-5 years after graduation will be able to:

PEO-1: Achieve Competency in Electrical Engineering discipline meeting organizational and industrial requirements

PEO-2: Enhance their technical skills to play vital role in society

PEO-3: Obtain Professional knowledge in project management, leadership and entrepreneurial skills

PEOs FOR B.E. TECH (ELECTRICAL)

PEO-01: To solve technical problems through designing for sustainability and improvement of industrial and society needs.

PEO-02: To create an environment of professionalism at their workplace with good communication and management skills.

PEO-03: Pursuing professional development through continuing technical educational, industrial trainings and involvement in professional organizations.

PROGRAM LEARNING OUTCOMES (PLOs) FOR ELECTRICAL ENGINEERING

Program learning outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the knowledge, skills and attitude that the students acquire while progressing through the program.

1. PLO-1 Engineering Knowledge: Apply knowledge of mathematics, natural science, engineering fundamentals and Engineering specialization to the solution of complex engineering problems (WK1-WK4).

2. PLO-2 Problem Analysis: Identify, formulate, conduct research literature, and analyze complex Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences (WK1- WK4).

3. PLO-3 Design/Development of Solutions: An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations (WK5).

4. PLO-4 Investigation: Conduct investigation of complex Engineering problems using research-based knowledge and research methods, including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions (WK8).

5. PLO-5 Tool Usage: Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex Engineering problems, with an understanding of the limitations (WK2 and WK6).

6. PLO-6 The Engineer and the World: Analyze and evaluate sustainable development impacts to society, the economy, sustainability, health and safety, legal frameworks, and the environment while solving complex engineering problems (WK1, WK5, and WK7).

7. PLO-7 Ethics: Apply ethical principles and commit to professional ethics and norms of engineering practice and adhere to relevant national and international laws. Demonstrate an understanding of the need for diversity and inclusion (WK9).

8. PLO-8 Individual and Collaborative Team Work: Function effectively as an individual, and as a member or leader in diverse and inclusive teams and in multi- disciplinary, face-to-face, remote and distributed settings (WK9).

9. PLO-9 Communication: Communicate effectively and inclusively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, and make effective presentations, taking into account cultural, language, and learning differences (WK1 and WK9).

10. PLO-10 Project Management and Finance: Demonstrate knowledge and understanding of engineering management principles and economic decision- making and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments (WK2 and WK5).

PLO-11 Lifelong Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change (WK8 and WK9).

DEPARTMENT OF MECHANICAL, INDUSTRIAL & ENERGY SYSTEMS



Engr. Dr. Muhammad Haris Aziz
Associate Professor / Chairperson

Contact
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Mechanical Block, Allama Iqbal Campus

FACULTY

Engr. Dr. Mudasser Ullah
Assistant Professor (on post-doc leave)

Engr. Dr. Muhammad Waqas
Assistant Professor

Engr. Dr. Muhammad Imran
Assistant Professor

Engr. Dr. Sana Ullah Sahar
Assistant Professor

Engr. Muhammad Sohail
Assistant Professor

Engr. Qasim Ali
Assistant Professor

Engr. Mansoor Ali Zaheer
Assistant Professor

Engr. Muhammad Ashiq
Lecturer

Engr. Muhammad Aftab Ahmad
Lecturer

Engr. Muhammad Ali Shakir
Lecturer

Engr. Anam Shahzadi
Lecturer

Engr. Saeed Ahmad
Lecturer (on study leave)

Engr. Ch. Abdullah
Lecturer (on study leave)

Engr. Amna Noor
Lecturer

BSc Mechanical Engineering

Eligibility: At least 60 % marks in
HSSC (Part-I / II) Pre-Engineering, ICS or Equivalent
Relevant DAE (1st and 2nd years/1st, 2nd & 3rd year)
+ PEC designated entry test such as ECAT-UOS or UET(ECAT 2025) or NUST, NED, ETA, MUE, NTS etc.
Merit:
50% Weightage of HSSC (Part-I / II) or Equivalent or DAE (1st and 2nd years/1st, 2nd & 3rd year)
17% Weightage of SSC or Equivalent.
33% weightage to latest PEC designated entry test
20 marks for Hafiz-e-Quran if applicable
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5105	Islamic Studies/Ethics	2(2-0)
URCG-5118	Functional English	3(3-0)
CS-1101	Applications of ICT	2(2-0)
CS-1102	Applications of ICT Lab	1(0-1)
CS-1103	Calculus and Analytical Geometry	3(3-0)
CS-1104	Applied Physics/Applied Chemistry	2(2-0)
GS-1105	Applied Physics (Lab)/Applied Chemistry (Lab)	1(0-1)
ME-1106	Engineering Drawing and Graphics	1(1-0)
ME-1107	Engineering Drawing and Graphics (Lab)	1(0-1)
ME-1108	Workshop Practice	1(1-0)
ME-1109	Workshop Practice (Lab)	1(0-1)
		Total 18(14-4)
Semester-2		
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
GS-1201	Linear Algebra and Differential Equations	3(3-0)
CS-1202	Computer Systems and Programming	2(2-0)
CS-1203	Computer Systems and Programming (Lab)	1(0-1)
ME-1204	Thermodynamics-I	3(3-0)
MD-1205	Electrical Engineering	2(2-0)
ME-1206	Engineering Mechanics-I: Statistics	3(3-0)
		Total 19(17-2)
Semester-3		
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
GS-2101	Complex Variables and Transform	3(3-0)
ME-2102	Engineering Mechanics-II: Dynamics	2(2-0)
ME-2103	Engineering Mechanics (Lab)	1(0-1)
ME-2104	Thermodynamics-II	3(3-0)
ME-2105	Thermodynamics (Lab)	1(0-1)
MD-2206	Electronics Engineering	2(2-0)
MD-2207	Electrical and Electronics Engineering (Lab)	1(0-1)
MD-2108	Fluid Mechanics-I	3(3-0)
		Total 19(16-3)
Semester-4		
HU-2201	Arts and Humanities Elective	2(2-0)

URCG-5130	Understanding of Holy Quran-II	1(0-1)
ME-2202	Fluid Mechanics-II	2(2-0)
ME-2203	Fluid Mechanics (Lab)	1(0-1)
ME-2104	Mechanics of Materials-I	3(3-0)
ME-2205	Machine Design-I	3(3-0)
ME-2206	Materials Engineering	2(2-0)
ME-2207	Mechanics of Machines	2(2-0)
GS-2208	Numerical methods	2(2-0)
GS-2209	Numerical Methods (Lab)	1(0-1)
		Total 19(16-3)
Semester-5		
HU-3101	Social Science Elective	2(2-0)
ME-3102	Manufacturing Processes	3(3-0)
ME-3103	Manufacturing Processes (Lab)	1(0-1)
ME-3104	Machine Design-II	2(2-0)
ME-3105	Computer Aided Drawing (Lab)	1(0-1)
ME-3106	Mechanics of Materials-II	3(3-0)
ME-3107	Mechanics of Materials (Lab)	1(0-1)
ME-3108	Semester Project	1(0-1)
ME-3109	Heat and Mass Transfer	3(3-0)
ME-3110	Control Engineering	2(2-0)
		Total 19(15-4)
Semester-6		
MS-3201	Project Management	2(2-0)
HU-3202	Expository Writing	3(3-0)
GS-3203	Applied Statistics/Statistical Methods	3(3-0)
CS-3204	Applied Artificial Intelligence and Machine Learning	2(2-0)
CS-3205	Applied Artificial Intelligence & Machine Learning (Lab)	1(0-1)
ME-3206	Heating, Ventilating and Air Conditioning	3(3-0)
ME-3207	HVAC and H & M (Lab)	1(0-1)
ME-3208	Measurement and Instrumentation	2(2-0)
ME-3209	Semester Project	1(0-1)
		Total 18(15-3)
Summer Semester		
ME-3301	Supervised Internship	3(0-3)
Semester-7		
ME-4101	Mechanical Vibration	3(3-0)
ME-4102	Mechanism and Mechanical Vibration (Lab)	1(0-1)
ME-4103	Internal Combustion Engines	3(3-0)
ME-4104	Internal Combustion Engines (Lab)	1(0-1)
ME-4105	Technical Elective-I	3(3-0)
ME-4106	Renewable Energy Technologies	2(2-0)
ME-4107	Renewable Energy Technologies (Lab)	1(0-1)
ME-4108	Final Year Design Project-I	3(0-3)
		Total 17(11-6)
Semester-8		
MD-4201	Occupational Health & Safety	1(1-0)
MS-4202	Entrepreneurship	2(2-0)
ME-4203	Finite Element Methods	2(2-0)
ME-4204	Finite Elements Methods (Lab)	1(1-0)
ME-4205	Product Design and Development	3(3-0)
ME-4206	Technical Elective-II	3(3-0)
ME-4207	Final Year Design Project-II	3(0-3)
		Total 15(11-4)



Bachelor of Engineering Technology (Mechanical)

Eligibility: At least 50 % marks in
HSSC (Part-I / II) Pre-Engineering, Pre-Medical, ICS or Equivalent
Relevant DAE (1st, 2nd years/1st, 2nd & 3rd year)
And HEC/NTC designated or University Entry Test for BS Engineering Technology
Merit:
70% Weightage of HSSC (Part-I / II) or Equivalent or DAE (1st and 2nd years/1st, 2nd & 3rd year)
30% Weightage to entry test
20 marks for Hafiz-e-Quran if applicable
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5105	Islamic Studies	2(2-0)
URCG-5118	Functional English	3(2-1)
MEN-1111/1121	Applied Physics	3(2-1)
MEN-1112	Applied Mathematics	3(3-0)
MEC-1113/1123	Application of ICT	3(2-1)
MEC-1114/1124	Computer Fundamentals	2(1-1)
MET-1115/1125	Workshop Technology	2(1-1)
		Total 18(13-5)
Semester-2		
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
MEH-1211	Pakistan Studies	2(2-0)
MEM-1212	Intro. to Industrial Management	2(2-0)
MEH-1213	Communication Skills	2(2-0)
MET-11214/1224	Technical drawing and Graphics	3(1-2)
MET-11215/1225	Applied Mechanics	3(2-1)
MET-11216/1226	Basic Electrical & Electronics	3(2-1)
		Total 18(13-5)

Semester-3		
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5125	Civics and Community Engagement	2(2-0)
MEC-2111/2121	Computer Programming	2(1-1)
MET-2122	Computer Aided Drafting Lab	2(0-2)
MET-2113	Material Science and Composites	3(3-0)
MET-2114/2124	Mechanics of Material	4(3-1)
MET-2115/2125	Applied Thermodynamics	4(3-1)
		Total 18(13-5)
Semester-4		
MEH-2211/2221	Entrepreneurship	3(2-1)
MEN-2212	Statistical Methods and Applications	2(2-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
MET-2213	Machine Design	3(3-0)
MET-2224	Computer Aided Modeling Lab	2(0-2)
MET-2215/2225	Fluid Mechanics and Hydraulic Machines	4(3-1)
MET-2216	Occupational Safety and Health	4(3-1)
		Total 18(13-5)
Semester-5		
MEH-3111	Engineering Economics	2(2-0)
MEM-3112	Project Management	2(2-0)
MET-3113/3123	Heat and Mass Transfer	4(3-1)
MET-3114/3124	Energy and Power Technologies	3(2-1)
MET-3115/3125	Manufacturing Processes	4(3-1)
MET-3126	Project-I	3(0-3)
		Total 18(12-6)
Semester-6		
MET-3211/3221	Instrumentation and Control	3(2-1)
MET-3212/3222	Mechanical Vibration	3(2-1)
MET-3213/3223	HVAC Technologies	4(3-1)
MET-3214/3224	Application of IoT in Mechanical Field	3(2-1)
MET-3215	Non-Destructive Testing	3(3-0)
MET-3216	Project-II	3(0-3)
		Total 19(12-7)
Semester-7		
MET- 4121	16 Weeks SIT (8x5 = 40 Hrs/Week)	16(0-16)
Semester-8		
MET- 4121	16 Weeks SIT (8x5 = 40 Hrs/Week)	16(0-16)

Bachelor of Engineering Technology (Biomedical)

Eligibility: At least 50 % marks in
HSSC (Part-I / II) Pre-Engineering, Pre-Medical, ICS or Equivalent
Relevant DAE (1st, 2nd years/1st, 2nd & 3rd year)
And HEC/NTC designated or University Entry Test for BS Engineering Technology
Merit:
70% Weightage of HSSC (Part-I / II) or Equivalent or DAE (1st and 2nd years/1st, 2nd & 3rd year)
30% Weightage to entry test
20 marks for Hafiz-e-Quran if applicable
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5105	Islamic Studies	2(2-0)
URCG-5118	Functional English	3(3-0)
BIN-1111/1121	Applied Physics	3(2-1)
BIN-1112/1122	Basic Biology/Basic Mathematics	3(3-0)
BIC-1113/1123	Applications of ICT	2(1-1)
BIH-1114	Pakistan Studies	2(2-0)
BIT-1125	Workshop Technology	1(0-1)
		Total 16(13-3)
Semester-2		
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
BIN-1211	Linear Algebra & Differential Equation	3(3-0)
BIH-1212	Communication Skills	2(2-0)
BIT-1223	Technical Drawing and Graphics	1(0-1)
BIT-1214/1224	Human Anatomy & Physiology	4(3-1)
BIT-1215/1225	Basic Electrical & Electronics	3(2-1)
		Total 16(12-4)
Semester-3		
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5125	Civics and Community Engagement	2(2-0)
BIC-2111/2121	Computer Programming	2(1-1)
BIT-21222	Computer Aided Drafting	1(0-1)
BIT-2113/2123	Biomechanics	3(2-1)
BIN-2114/2124	Biochemistry	3(2-1)
BIT-2115/2125	Electrical Circuit Analysis	3(2-1)
BIT-2115/2126	Digital Logic Design	3(2-1)
		Total 18(12-6)
Semester-4		
BIM-2211/2221	Entrepreneurship	3(2-1)
BIN-2212	Statistical Methods and Application	2(2-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
BIT-2223	Computer Aided Modeling	1(0-1)
BIT-2214/2224	Signal & Systems	3(2-1)
BIT-2215/2225	Electronic Devices & Circuits	3(2-1)
BIT-2116/2226	Microprocessors & Microcontrollers	3(2-1)
BIT-2217	Occupational Safety and Health	2(2-0)
		Total 18(12-6)
Semester-5		
BIH-3111	Engineering Economics	2(2-0)
BIM-3112	Project Management	2(2-0)
BIT-3113/3123	Molecular Biology	3(2-1)
BIT-3114	Biomaterials	2(2-0)
BIT-3115/3125	Rehabilitation Techniques	3(2-1)

BIT-3116/3126	Biomedical Control Systems	3(2-1)
BIT-3127	Project-I	3(0-3)
		Total 18(12-6)
Semester-6		
BIT-3211/3221	Medical Imaging devices	3(2-1)
BIT-3212/3222	Clinical Laboratory Equipment	3(2-1)
BIT-3213/3223	Biomedical Instrumentation	3(2-1)
BIT-3224	Troubleshooting of Medical Devices	1(0-1)
BIT-3215	Medical device Quality System & Standards	2(2-0)
BIT-3216/3226	Application of I T in Biomedical Field	3(2-1)
BIT-3227	Project-II	3(3-0)
		Total 18(10-8)
Semester-7		
BIT-4121	16 Weeks SIT (8 x 5 = 40 hrs/week)	16(0-16)
		Total 16(0-16)
Semester-8		
BIT-4221	16 Weeks SIT (8 x 5 = 40 hrs/week)	16(0-16)
		Total 16(0-16)

MSc Mechanical Engineering

Eligibility: At 2.5/4.0 CGPA in
·BS/BE/BSc Mechanical, Mechatronics, Industrial, Aeronautical, Energy / Technology
·50% marks in HEC designated or University Entry Test.
Merit Determination: 70% weightage to Terminal Degree
30% weightage to Test + Interview
Duration: 2 years , **Semesters:** 4
Degree Requirements:
I. Thesis Track:
Minimum Credit Hours of course work = 26
Minimum Credit Hours of Thesis = 06
Total = 32
II. Course work Track:
Minimum credit hours of course work = 26
Minimum credit hours of courses in lieu of thesis = 06
Total = 32

Code	Course Title	C/Hr.
Semester-1		
ME-501	Research Methodology & Design of Experiments	3(3-0)
ME-502	Advance Project Management	3(3-0)
ME-xxx	Technical Elective-I	3(3-0)
ME-xxx	Technical Elective-II	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
		Total 13(12-1)
Semester-2		
ME-503	Advance Manufacturing Systems	3(3-0)
ME-504	Advance Engineering Materials	3(3-0)
ME-xxx	Technical Elective-III	3(3-0)
ME-xxx	Technical Elective-IV	3(3-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
		Total 13(12-1)
Semester-3		
	Courses in Lieu of Thesis	6(6-0)
Semester-4		
ME-500	Research Thesis	6(0-6)



MISSION OF THE DEPARTMENT MECHANICAL, INDUSTRIAL & ENERGY SYSTEMS

The Department aims to provide the students, fundamental mechanical engineering knowledge, skills and professional experience by imparting high quality education so that they may participate in industry and academic activity.

MECHANICAL ENGINEERING PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: To apply mechanical engineering knowledge essential for product development and resulting in successful careers.
PEO 2: To pursue research and innovation for solving industrial and commercial problems individually as well as team.
PEO 3: To lead and participating in professional growth and socio-economic challenges for sustainable development.
PEO 4: To demonstrate professional ethics, management skills with an effective communication.

PEOs FOR B.E. TECH (MECHANICAL)

PEO-1: The graduates will demonstrate excellence in profession through in-depth knowledge and skills in the field of Mechanical Engineering Technology
PEO-2: The graduates will engage in continuous professional growth both individually and in a team with commitment for economic development with environmental and ethical responsibilities
PEO-3: The graduates will establish life-long learning and innovation managing projects involving multifaceted Mechanical technology problems

PROGRAM LEARNING OUTCOMES (PLOs/GAs) FOR MECHANICAL ENGINEERING

PLO-1 Engineering Knowledge: Apply knowledge of mathematics, natural science, engineering fundamentals and Engineering specialization to the solution of complex engineering problems (WK-1-WK-4).

PLO-2 Problem Analysis: Identify, formulate, conduct research literature, and analyse complex Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences (WK-1-WK-4).

PLO-3 Design/Development of Solutions: An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations (WK-5).

PLO-4 Investigation: Conduct investigation of complex Engineering problems using research-based knowledge and research methods, including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions (WK-8).

PLO-5 Tool Usage: Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex Engineering problems, with an understanding of the limitations (WK-2 and WK-6).

PLO-6 The Engineer and the World: Analyze and evaluate sustainable development impacts to society, the economy, sustainability, health and safety, legal frameworks, and the environment while solving complex engineering problems (WK-1, WK-5, and WK-7).

PLO-7 Ethics: Apply ethical principles and commit to professional ethics and norms of engineering practice and adhere to relevant national and international laws. Demonstrate an understanding of the need for diversity and inclusion (WK-9).

PLO-8 Individual and Collaborative Team Work: Function effectively as an individual, and as a member or leader in diverse and inclusive teams and in multi-disciplinary, face-to-face, remote and distributed settings (WK-9).

PLO-9 Communication: Communicate effectively and inclusively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, and make effective presentations, taking into account cultural, language, and learning differences (WK-1 and WK-9).

PLO-10 Project Management and Finance: Demonstrate knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments (WK-2 and WK-5).

PLO-11 Lifelong Learning: Recognize the need for and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change (WK-8 and WK-9).

PROGRAM LEARNING OUTCOMES (PLOs) [for Bachelor of Engineering Technology]

As per the accreditation body NTC, following PLOs/GAs/SAs have to be followed and attained.

(i) Engineering Technology Knowledge (SA-01): An ability to apply knowledge of mathematics, natural science, Engineering Technology fundamentals and Engineering Technology specialization to defined and applied Engineering Technology procedures, processes, systems or methodologies.

(ii) Problem Analysis (SA-02): An ability to Identify, formulate, research literature and analyze broadly-defined Engineering Technology problems reaching substantiated conclusions using analytical tools appropriate to the discipline or area of specialization.

(iii) Design/Development of Solutions (SA-03): An ability to design solutions for broadly- defined Engineering Technology problems and contribute to the design of systems, components or processes to meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

(iv) Investigation (SA-04): An ability to conduct investigations of broadly-defined problems; locate, search and select relevant data from codes, data bases and literature, design and conduct experiments to provide valid conclusions.

(v) Modern Tool Usage (SA-05): An ability to Select and apply appropriate techniques, resources, and modern technology and IT tools, including prediction and modelling, to broadly-defined Engineering Technology problems, with an understanding of the limitations.

(vi) The Engineering Technologist and Society (SA-06): An ability to demonstrate understanding of the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to Engineering Technology practice and solutions to broadly defined Engineering Technology problems.

(vii) Environment and Sustainability (SA-07): An ability to understand and evaluate the sustainability and impact of Engineering Technology work in the solution of broadly defined Engineering Technology problems in societal and environmental contexts.

(viii) Ethics (SA-08): Understand and commit to professional ethics and responsibilities and norms of Engineering Technology practice

(ix) Individual and Team Work (SA-09): An ability to Function effectively as an individual, and as a member or leader in diverse teams.

(x) Communication (SA-10): An ability to communicate effectively on broadly defined Engineering Technology activities with the Engineering Technologist community and with society at large, by being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

(xi) Project Management (SA-11): An ability to demonstrate knowledge and understanding of Engineering Technology management principles and apply these to one's own work, as a member or leader in a team and to manage projects in multidisciplinary environments.

(xii) Lifelong Learning (SA-12): An ability to recognize the need for, and have the ability to engage in independent and life-long learning in specialist Engineering Technologies.

FACULTY OF

MEDICAL AND HEALTH SCIENCES

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List of Departments

- University Nursing College
- Allied Health Sciences
- UMC & RC

Welcome to the Faculty of Medical and Health Sciences at the University of WSargodha! We take pride in offering exceptional educational programs in the field of health sciences. Our faculty is committed to nurturing a community of passionate, skilled, and compassionate healthcare professionals who will positively impact the well-being of individuals and communities. The Department of Allied Health Sciences was established in 2010 and situated at Sargodha Medical College campus. The Department is pleased to introduce its Doctor of Physical Therapy (DPT) program. This comprehensive program aims to provide students with the necessary knowledge, skills, and clinical experience to excel in physical therapy and contribute to the health and well-being of individuals. Additionally, the faculty offers undergraduate programs in BS Medical Laboratory Technology and BS Radiography and Imaging Technology. These four-year full-time programs equip students with the knowledge and skills required to work in pathology and radiography laboratories. Recognizing the crucial role that healthcare plays in society, our programs are designed to equip students with the knowledge, skills, and ethical values necessary to succeed in their chosen fields. Whether you aspire to become a physical therapist or a pathology lab scientist, we provide a comprehensive education that combines theoretical foundations with practical, hands-on experiences. University Nursing College, after establishment, is offering admissions for the first time. It aims to be a leading nursing college in Pakistan and the region, providing high-quality education and research that prepares competent and compassionate nurses for diverse health care settings.

UNIVERSITY NURSING COLLEGE



Saira Manzoor
Assistant Professor / Incharge Principal

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FACULTY

Saira Manzoor
Assistant Professor

Nosheen Akhtar
Lecturer

Zaigham Abbas
Lecturer

Bachelor of Science in Nursing (BSN)

Eligibility: The applicant must have the following qualification:
a) Matric with Science (Physics, Chemistry, Biology)
b) FSc (Pre-Medical) with 50% marks minimum (Physics, Chemistry & Biology as compulsory subjects)

Duration: 4 years
Semesters: 8
Degree Requirements: 136 Credit Hours + one year internship

Code	Course Title	C/Hr.
First Professional Year: Semester-1		
NURS-5101	Microbiology	02
NURS-5102	Biochemistry	02
URCG-5118	English - Functional English	03
NURS-5103	Fundamentals of Nursing - I	03
NURS-5104	Anatomy & Physiology - I	03
URCG-5122	Ideology and Constitution of Pakistan	02
URCG-5123	Information and Communication Technology	03
URCG-5129	Understanding of Holy Quran - I	01
		Total 18
Semester-2		
NURS-5105	Fundamentals of Nursing - II	04
URCG-5121	Quantitative Reasoning - I	03
NURS-5106	Anatomy & Physiology - II	03
NURS-5107	Applied Nutrition	02
NURS-5108	Theoretical Basis of Nursing	02
URCG-5105	Islamic Studies / Ethics	02
URCG-5127	Seerat of Holy Prophet (SAW)	01
		Total 17
Semester-3		
NURS-5109	Professional Communication Skills	03
NURS-5110	Clinical Pharmacology and Drug Administration-I	02
NURS-5111	Medical Surgical Nursing-I	07
NURS-5112	Health Assessment-I	02
NURS-5113	Pathophysiology-I	03
URCG-5130	Understanding of Holy Quran-II	01
		Total 18
Semester-4		
NURS-5114	Applied Psychology	03
NURS-5115	Medical Surgical Nursing-II	07
NURS-5116	Health Assessment-II	02
NURS-5117	Pathophysiology-II	02
NURS-5118	Clinical Pharmacology and Drug Administration-II	02
URCG-5119	Professional Ethics for Nurses	02
		Total 18
Semester-5		
URCG-5125	Civics and Community Engagement	02
NURS-6120	Pediatric Health Nursing	07
NURS-6121	Maternal, Neonatal and Child Health Nursing	03
NURS-6122	Epidemiology	02
NURS-6123	Infectious Diseases	02
		Total 16
Semester-6		
NURS-6124	Principles of Teaching & Learning	03

NURS-6125	Public Health Nursing	04
NURS-6126	Mental Health Nursing	06
NURS-6127	Introduction to Biostatistics (QR II)	03
NURS-6128	Culture, Health & Society	02
		Total 17
Semester-7		
NURS-6129	Leadership and Management	03
NURS-6130	Critical Care Nursing	07
NURS-6131	Introduction to Nursing Research	03
URCG-5124	Entrepreneurship	02
NURS-6132	Elective	02
		Total 17
Semester-8		
NURS-6133	Geriatric Nursing	03
NURS-6134	Trends and Issues in Health Care	02
URCG-5119	Expository Writing	03
NURS-6135	Elective	03
NURS-6136	Clinical Practicum	04
		Total 15





DEPARTMENT OF ALLIED HEALTH SCIENCES



Dr Muhammad Riaz
Associate Professor / Chairperson

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FACULTY

Dr. Akhtar Rasul Assistant Professor	**Dr. Muhammad Umar Farooq** Lecturer/Demonstrator
Dr. M. Mustafa Qamar Assistant Professor	**Dr. Farah Naz Akbar** Lecturer/Demonstrator
Dr. Hafiz Abdul Munem Assistant Professor	**Muhammad Fayyaz** Lecturer
Dr. Muhammad Ramzan Assistant Professor	**Dr. Kiran Sikandar Gondal** Lecturer
Dr. Mohsana Tariq Lecturer	**Dr. Zahra Kalim** Lecturer
Dr. Ayesha Basharat Lecturer	**Dr. Pakeeza Seemal** Lecturer
Dr. Faiqa Chaudhry Lecturer/Demonstrator	**Dr. Taiba Zulfiqar** Lecturer
Dr. Muhammad Ali Ur Rasheed Lecturer	**Dr. Zartash Gull** Lecturer
Dr. Malik Muhammad Atif Lecturer	**Dr. Sharafat Ali** Lecturer
Dr. Farjad Afzal Lecturer	**Dr. Shanza Tanveer** Lecturer
Dr. Asif Islam Lecturer	
Dr. Kanwal Fatima Lecturer	
Dr. Waqas Ahmad Lecturer	
Dr. Iqra Nadeem Lecturer/Demonstrator	
Junaid Akhtar Lecturer/Demonstrator	
Ghulam Rasool Lecturer/Demonstrator	

DPT (Doctor of Physical Therapy) *

Eligibility: At least 60% marks in HSSC (Part-I / II) Pre-Medical or equivalent
Duration: 5 years
Semesters: 10
Degree Requirements: 175 Credit Hours

Code	Course Title	C/Hr.
First Professional Year: Semester-1		
DPTH -5101	Anatomy –I	4(3-1)
DPTH-5102	Physiology-I	3(2-1)
DPTH-5103	Kinesiology-I	3(2-1)
URCG-5118	English-i (functional English)	3(3-0)
URCG-5122	Ideology And Constitution Of Pakistan	2(2-0)
URCG-5123	Applications of Info. Communication Tech. (ICT)	3(2-1)
URCG-5129	Understanding Of Holy Quran-I	1(0-1)
		Total 19(14-5)
Semester-2		
DPTH-5104	Anatomy–II	4(3-1)
DPTH-5105	Physiology-II	3(2-1)
DPTH-5106	Kinesiology-II	3(2-1)
URCG-5119	English-ii (Expository Writing)	3(3-0)
URCG-5105	Islamic Studies ** (OR)	2(2-0)
	Religious Education / Ethics	
URCG-5125	Civics and Community Engagement	2(2-0)
		Total 17(14-3)
Second Professional Year: Semester-3		
DPTH -5107	Anatomy –III	3(2-1)
DPTH -5108	Physiology-III	3(2-1)
DPTH -5109	Biomechanics & Ergonomics-I	3(2-1)
DPTH -5110	Molecular Biology & Genetics	3(2-1)
DPTH -5111	Health and Wellness	2(2-0)
URCG-5121	Quantitative Reasoning	3(3-0)
URCG-5130	Understanding Of Holy Quran-II	1(0-1)
		Total 18(13-5)
Semester-4		
DPTH -5112	Anatomy-IV (Neuro Anatomy)	3(2-1)
DPTH -5113	Biomechanics & Ergonomics-II	3(2-1)
URCG-5116	Science Of Society	2(2-0)
DPTH -5115	Biochemistry I	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
DPTH-5116	Professional Practice (Laws, Ethics and Administration)	2 (2-0)
		Total 18(13-5)
Third Professional Year: Semester-5		
DPTH-6117	Pathology & Microbiology I	2(2-0)
DPTH-6118	Pharmacology & Therapeutics I	2(2-0)
DPTH-6119	Physical Agents & Electrotherapy I	3(2-1)
DPTH-6120	Therapeutic Exercises & Techniques	3(2-1)
DPTH-6121	Biochemistry II	3(2-1)

DPTH-6122	Medical Physics	2(2-0)
DPTH-6123	Supervised Clinical Practice I	3(0-3)
		Total 18(12-6)

Semester-6

DPTH-6124	Pathology & Microbiology II	3(2-1)
DPTH-6125	Pharmacology & Therapeutics II	2(2-0)
DPTH-6126	Physical Agents & Electrotherapy-II	3(2-1)
DPTH-6127	Manual Therapy	3(2-1)
DPTH-6128	Community Medicine	3(3-0)
DPTH-6129	Supervised Clinical Practice II	3(0-3)
		Total 18(12-6)

Fourth Professional Year: Semester-7

DPTH-6130	Medicine I	3(3-0)
DPTH-6131	Surgery I	3(3-0)
DPTH-6132	Radiology & Diagnostic Imaging	3(2-1)
DPTH-6133	Musculoskeletal Physical Therapy	3(2-1)
DPTH-6134	Clinical Decision Making & Differential Diag.	3(3-0)
DPTH-6135	Supervised Clinical Practice Iii	3(0-3)
		Total 18(12-6)

Semester-8

DPTH-6136	Medicine II	3(3-0)
DPTH-6137	Surgery II	3(3-0)
DPTH-6138	Prosthetics & Orthotics	2(2-0)
DPTH-6139	Neurological Physical Therapy	3(2-1)
DPTH-6140	Sports Physical Therapy	2(2-0)
DPTH-6141	Ai Applications In Heath Care	2(2-0)
DPTH-6142	Supervised Clinical Practice IV	3(0-3)
		Total 18(14-4)

Fifth Professional Year: Semester-9

DPTH-6143	Obstetrics & Gynaecological Physical Therapy	2(2-0)
DPTH-6144	Scientific Inquiry & Research Methodology	2(2-0)
DPTH-6145	Exercise Physiology	3(2-1)
DPTH-6146	Evidence Based Practice in Physical Therapy	2(2-0)
DPTH-6147	Paediatric Physical Therapy	3(2-1)
DPTH-6148	Integumentry Physical Therapy	2(2-0)
DPTH-6149	Supervised Clinical Practice V	3(0-3)
		Total 17(12-5)

Semester-10

DPTH-6150	Cardiopulmonary Physical Therapy	3(2-1)
DPTH-6151	Gerontology & Geriatric Physical Therapy	2(2-0)
DPTH-6152	Emergency Procedures & Primary Care In Phys. Th.	3(2-1)
DPTH-6153	Supervised Clinical Practice Vi	4(0-4)
DPTH-6154	Research /capstone Project	6(0-6)
		Total 18(6-12)

BS in Medical Laboratory Technology (MLT)

Eligibility: At least 60% marks in HSSC (Part-I / II) Pre-Medical or equivalent
Duration: 4 years
Semesters: 8
Degree Requirements: 140 Credit Hours

Code	Course Title	C/Hr.

First Professional Year: Semester-1

MDLT-5201	Anatomy-I	4(3-1)
MDLT-5202	Physiology-I	3(2-1)
MDLT-5203	Fundamentals of Medical Lab Technology	3(2-1)
URCG-5118	English-I (Functional English)	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan **	2(2-0)
URCG5123	Applications of Info. Communication Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
		Total 19(14-5)

Semester-2

MDLT-5204	Anatomy-II	4(3-1)
MDLT-5205	Physiology-II	3(2-1)
MDLT-5206	Biochemistry-I	3(2-1)
URCG-5119	English-II (expository Writing)	3(3-0)
URCG-5105	Islamic Studies OR Religious Education / Ethics	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5127	Seerat of Holy Prophet (SAW)	1(1-0)
		Total 17(14-3)

Second Professional Year: Semester-3

MDLT-5207	Biochemistry II	3(2-1)
MDLT-5208	General Pathology	3(2-1)
MDLT-5209	General Microbiology and Sterilization	3(2-1)
MDLT-5210	Molecular Biology	3(2-1)
MDLT-5211	Health and Wellness	2(2-0)
URCG-5121	Quantitative Reasoning	3(3-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
		Total 18(13-5)

Semester-4

MDLT-5212	Haematology-I	3(2-1)
MDLT-5213	Clinical Bacteriology	3(2-1)
MDLT-5214	Immunology And Serology	3(2-1)
URCG-5116	Behavioral Sciences (Psychology & Ethics)	2(2-0)
URCG-5124	Science of Society	2(2-0)
URCG-5121	Entrepreneurship	3(3-0)
MDLT-5216	Tools for Quantitative Reasoning	2(2-0)
	(Laws, Ethics And Administration)	
		Total 18(15-3)

Third Professional Year: Semester-5

MDLT-6217	Clinical Virology	3(2-1)
MDLT-6218	Medical Laboratory Instrumentation	3(2-1)
MDLT-6219	Blood Banking and Transfusion Medicine	3(2-1)
MDLT-6220	Haematology-II	3(2-1)
MDLT-6221	Clinical Pathology	3(2-1)
MDLT-6222	Clinical Lab Practice-I	3(0-3)
		Total 18(10-8)

Semester-6

MDLT-6223	Parasitology and Mycology	3(2-1)
MDLT-6224	Histopathology and Histotechnology	3(2-1)

MDLT-6225	Biosafety an Biosecurity	3(2-1)
MDLT-6226	Pharmacology	2(2-0)
MDLT-6227	Community Medicine	3(3-0)
MDLT-6228	Clinical Lab Practice-II	3(0-3)
		Total 17(11-6)

Fourth Professional Year: Semester-7

MDLT-6229	Clinical Biochemistry	3(2-1)
MDLT-6230	Cytopathology and Cytotechnology	3(2-1)
MDLT-6231	Human Genetics and Bioinformatics	3(2-1)
MDLT-6232	Biotechnology	2(2-0)
MDLT-6233	Research Methodology & Scientific Inquiry	3(2-1)
MDLT-6234	Clinical Lab Practice III	3(0-3)
		Total 17(10-7)

Semester-8

MDLT-6235	Clinical Laboratory Management & Supervision	3(2-1)
MDLT-6236	Quality Assurance in Clinical Laboratory	2(2-0)
MDLT-6237	Clinical Endocrinology	3(2-1)
MDLT-6238	Forensic Science	2(2-0)
MDLT-6239	AI Applications In Health Care	2(2-0)
MDLT-6240	Research / Capstone Project	6(0-6)
		Total 18(10-8)

BS in Radiography and Imaging Technology (RIT)

Eligibility: At least 60% marks in HSSC (Part-I / II) Pre-Medical or equivalent
Duration: 4 years
Semesters: 8
Degree Requirements: 140 Credit Hours

Code	Course Title	C/Hr.

First Professional Year: Semester-1

RGIT-5301	Anatomy-I	4(3-1)
RGIT-5302	Physiology-I	3(2-1)
RGIT-5303	Fundamentals of Radiography and Imaging Technology	3(2-1)
URCG-5118	English-I (Functional English)	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5123	Applications of Info. Communication Tech. (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
		Total 19(14-5)

Semester-2

RGIT-5304	Anatomy-II	4(3-1)
RGIT-5305	Physiology-II	3(2-1)
RGIT-5306	General Radiology	3(2-1)
URCG- 5119	English-II (Expository Writing)	3(3-0)
URCG-5105	Islamic Studies ** (or) Religious Education/Ethics	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
		Total 17(14-3)

Second Professional Year: Semester-3

RGIT-5307	Anatomy–III	4(3-1)
RGIT-5308	Physiology-III	3(2-1)
RGIT-5309	Medical Physics	3(2-1)
RGIT-5310	Molecular Biology & Genetics	3(2-1)
RGIT-5311	Health And Wellness	2(2-0)
URCG-5121	Quantitative Reasoning	3(3-0)
URCG-5130	Understanding Of Holy Quran-II	1(0-1)
		Total 19(14-5)

Semester-4

RGIT-5312	Anatomy-IV (Neuro Anatomy)	3(2-1)
RGIT-5313	Radiation Science and Technology-I	3(2-1)
RGIT-5314	Biochemistry I	3(2-1)
URCG-5116	Science of Society	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5121	Tools For Quantitative Reasoning	3(3-0)
RGIT-5316	Professional Practice (Laws, Ethics And Administration)	2(2-0)
		Total 18(15-3)

Third Professional Year: Semester-5

RGIT-6317	Pathology & Microbiology I	2(2-0)
RGIT-6318	Pharmacology & Therapeutics I	3(2-1)
RGIT-6319	Raiological Instrumentation	3(2-1)
RGIT-6320	General Radiological Techniques	3(2-1)
RGIT-6321	Biochemistry II	3(2-1)
RGIT-6322	Supervised Clinical Practice I	3(0-3)
		Total 17(10-7)

Semester-6

RGIT-6323	Pathology & Microbiology II	3(2-1)
RGIT-6324	Radiation Science And Technology-II	3(2-1)
RGIT-6325	Biosafety And Biosecurity	3(2-1)
RGIT-6326	Pharmacology & Therapeutics II	2(2-0)
RGIT-6327	Community Medicine	3(3-0)
RGIT-6328	Supervised Clinical Practice II	3(0-3)
		Total 17(11-6)

Fourth Professional Year: Semester-7

RGIT-6329	Medicine-I	3(3-0)
RGIT-6330	Surgery-I	3(3-0)
RGIT-6331	Nuclear Medicine	3(2-1)
RGIT-6332	Special Radiological Techniques-I	3(2-1)
RGIT-6333	Research Methodology & Scientific Inquiry	2(2-0)
RGIT-6334	Supervised Clinical Practice III	3(0-3)
		Total 17(12-5)

Semester-8

RGIT-6335	Medicine II	3(3-0)
RGIT-6336	Surgery II	2(2-0)
RGIT-6337	Special Radiological Techniques-II	3(2-1)
RGIT-6338	Forensic Science	2(2-0)
RGIT-6339	AI Applications In Heath Care	2(2-0)
RGIT-6340	Research / Capstone Project	6(0-6)
		Total 18(11-7)

FACULTY OF
PHARMACY



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College of Pharmacy

- Pharmaceutics
- Pharmaceutical Chemistry
- Pharmacognosy
- Pharmacology and Basic Medical Sciences
- Pharmacy Practice

The Faculty of Pharmacy was established in 2009. Previously, it was the Department of Pharmacy which was established in 2003. This Faculty educates future pharmacists and scientists and provides professional development opportunities to practicing pharmacists and the pharmaceutical industry. All of our programs are driven by our mission to enhance the quality of life for the people of Pakistan and the global community through improved health. The past decade has witnessed major advancements in the practice, drug discovery, pharmaceutical technology and regulatory affairs of pharmacy. Pakistan pharmaceutical market ranges to about Rs. 50 billion. Keeping in view the emerging needs, Faculty of Pharmacy has laid down its objectives very carefully to enhance the industrial production and improvements in the development of manpower. Our department is unique in Pakistan because we have our own Pharmaceutical industrial unit. In addition, we have a Model Pharmacy which provides quality medicines and services to the local Public at concessional rates.

COLLEGE OF
PHARMACY



Dr Muhammad Usman Minhas
Professor / Principal

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FACULTY

Dr. Shahid Rasool
Professor

Dr Saira Azhar
Associate Professor

Dr. Hafiz Muhammad Irfan
Associate Professor

Kamran
Assistant Professor

Dr. M. Naeem Qaisar
Assistant Professor

Iftikhar Afzal
Assistant Professor (on leave)

Dr. Muhammad Zubair Malik
Assistant Professor

Dr. Abdul Malik
Assistant Professor

Dr Alia Erum
Assistant Professor

Dr. Kamran Bashir
Assistant Professor

Dr. Rai Muhammad Sarfraz
Assistant Professor

Dr Ume Ruqia Tulain
Assistant Professor

Dr. Shazia Akram
Assistant Professor

Dr. Haseeb Ahsan
Assistant Professor (on leave)

Dr. Ambreen Malik Uttra
Assistant Professor

Dr. Hafeez Ullah Khan
Assistant Professor

Dr. Shehla Akbar
Assistant Professor

Dr. Safirah Maheen
Lecturer

Dr. Mulazim Hussain Asim
Lecturer

Aqeel Aslam
Lecturer (on leave)

Dr. Hafiz Rashid Hussain
Lecturer

Dr. Noreen Khalid
Lecturer

Ayesha Shamim
Lecturer

Dr. Mamoona Dar
Lecturer

Dr. Taseer Ahmad
Lecturer

Dr. Nayab Tahir
Lecturer

Dr. Muhammad Tahir Haseeb
Lecturer

PharmD

Eligibility: At least 60% marks in HSSC (Part-I / II) Pre-Medical Or equivalent
Duration: 5 years
Semesters: 10
Degree Requirements: 198 credit hours

Code	Course Title	C/Hr.
Semester-1		
PHRM-6101	Pharmaceutics-IA (Physical Pharmacy I)	4(3-1)
PHRM-6102	Pharmaceutical Chemistry-IA (Organic Chemistry I)	4(3-1)
PHRM-6103	Pharmaceutical Chemistry-IIA (Biochemistry-I)	3(2-1)
PHRM-6104	Physiology-I	4(3-1)
URCG-5118	Functional English	3(3-0)
		Total 18(14-4)
Semester-2		
PHRM-6105	Pharmaceutics-IB (Physical Pharmacy II)	4(3-1)
PHRM-6106	Pharmaceutical Chemistry-IB (Organic Chemistry II)	4(3-1)
PHRM-6107	Pharmaceutical Chemistry-IIB (Biochemistry-II)	3(2-1)
PHRM-6108	Anatomy & Histology	3(2-1)
PHRM-6109	Physiology-II	4(3-1)
URCG-5105	Islamic Studies (Compulsory) or	2(2-0)
URCG-5126	Ethics	
		Total 20(15-5)
Semester-3		
PHRM-6110	Pharmaceutics-IIA (Drug Delivery Systems and Formulation Science-I)	4(3-1)
PHRM-6111	Pharmacology and Therapeutics-IA	4(3-1)
PHRM-6112	Pharmacognosy-IA (Basic-I)	4(3-1)
PHRM-6113	Pathology	3(2-1)
PHRM-6114	Pharmaceutics-IIIA (Basic Pharmaceutical Microbiology-I)	3(2-1)
PHRM-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
		Total 19(15-5)
Semester-4		
PHRM-6115	Pharmaceutics-IIB: (Drug Delivery Systems and Formulation Science-II)	4(3-1)
PHRM-6116	Pharmaceutics-IIIB: Pharmaceutical Microbiology-II (Applied Pharmaceutical Microbiology & Immunology)	4(3-1)
PHRM-6117	Pharmacology and Therapeutics-IB	4(3-1)
PHRM-6118	Pharmacognosy-IB (Basic-II)	4(3-1)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5129/31	Fehm-e-Quran-I/Ethics-I	1(0-1)
		Total 19(14-5)
Semester-5		
PHRM-6119	Pharmacognosy-IIA (Applied)	4(3-1)
PHRM-6120	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis I)	4(3-1)
PHRM-6121	Pharmacology and Therapeutics-IIA	4(3-1)
PHRM-6122	Pharmacy Practice-IA: Social and Administrative Pharmacy (Hospital and Community Pharmacy)	2(2-0)

URCG-5120	Quantitative Reasoning-I	3(3-0)
URCG-5122	Ideology & Constitution of Pakistan	2(2-0)
URCG-5130/32	Fehm-e-Quran-II/Ethics-II	1(0-1)
		Total 20(16-4)
Semester-6		
PHRM-6123	Pharmacognosy-IIIB (Advanced)	4(3-1)
PHRM-6124	Pharmacy Practice-IB: Social and Administrative Pharmacy (Dispensing Social and Administrative Pharmacy	2(2-0)
PHRM-6125	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis-II)	4(3-1)
PHRM-6126	Pharmacology and therapeutics-IIB	4(3-1)
PHRM-6127	Applications of ICT (Especial Focus on Pharmacy)	3(2-1)
URCG-5120	Quantitative Reasoning-II	3(3-0)
		Total 20(16-4)
Semester-7		
PHRM-6128	Pharmaceutics-IVA (Industrial Pharmacy-I)	4(3-1)
PHRM-6129	Pharmaceutics-VA (Biopharmaceutics and Pharmacokinetics-I)	4(3-1)
PHRM-6130	Pharmacy Practice-IIA (Clinical Pharmacy-I)	4(3-1)
PHRM-6131	Pharmaceutics-VI (Pharmaceutical Quality Management System	3(3-0)
PHRM-6132	Expository Writing	3(3-0)
PHRM-6133	Entrepreneurship	2(2-0)
		Total 20(17-3)
Semester-8		
PHRM-6134	Pharmaceutics-IVB (Industrial Pharmacy-II)	4(3-1)
PHRM-6135	Pharmaceutics-VB (Biopharmaceutics and Pharmacokinetics-II)	4(3-1)
PHRM-6136	Pharmacy Practice-IIB (Clinical Pharmacy-II)	4(3-1)
PHRM-6137	Pharmacy Practice-III: Civics and Community Engagement (Fulfill requirement of Pharmacy Practice-III)	2(1-1)
PHRM-6138	Pharmaceutical Chemistry-IV (Pharmaceutical Quality Control)	3(2-1)
PHRM-6139	Pharmacy Practice-IV (Pharmaceutical Management and Marketing)	2(2-0)
		Total 19(15-4)
Semester-9		
PHRM-6140	Pharmaceutics-VIIA (Pharmaceutical Technology-I)	4(3-1)
PHRM-6141	Pharmacy practice-VA (Pharmaceutical Regulatory Science-I)	3(3-0)
PHRM-6142	Pharmaceutical Chemistry-VA (Medicinal Chemistry-I)	4(3-1)
PHRM-6143	Pharmacy Practice-VIA (Advanced clinical Pharmacy-I)	4(3-1)
PHRM-6144	Clinical Pharmacology	3(2-1)
		Total 18(14-4)
Semester-10		
PHRM-6145	Pharmaceutics-VIIB (Pharmaceutical Technology-II)	4(3-1)
PHRM-6146	Pharmacy practice-VB (Pharmaceutical Regulatory Science-II)	3(3-0)
PHRM-6147	Pharmaceutical Chemistry-VB (Medicinal Chemistry-II)	4(3-1)
PHRM-6148	Pharmacy Practice-VIB (Advanced clinical Pharmacy-II)	4(3-1)
PHRM-6149	Bioethics (Arts & Humanities Category)	2(2-0)
PHRM-6150	Capstone Project	3(0-3)
		Total 20(14-6)



MPhil Pharmacy Practice

Eligibility: Pharm-D or B-Pharmacy or equivalent 16 years of education with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PHRM-7301	Biostatistics	3(3-0)
PHRM-7302	Drug Design and Development	3(3-0)
PHRM-7303	Pharmaceutical Analytical Techniques	3(3-0)
PHRM-7304	Research Methodology	3(3-0)
URCG-5129/-31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
PHRM-7305	Clinical Pharmacy	3(3-0)
PHRM-7306	Pharmacoepidemiology & Pharmacovigilance	3(3-0)
PHRM-7307	Public Health Pharmacy	3(3-0)
PHRM-7308	Social and Administrative Pharmacy	1(0-1)
URCG-5130/-32	Understanding of Holy Quran-II/Ethics-II	**Total 13(12-1)**
Semester-3 to 4		
	Research & Thesis	6(0-6)
		Total 6(0-6)

MPhil Pharmaceutics

Eligibility: Pharm-D or B-Pharmacy or equivalent 16 years of education with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PHRM-7201	Biostatistics	3(3-0)
PHRM-7202	Drug design and development	3(3-0)
PHRM-7203	Pharmaceutical Analytical Techniques	3(3-0)
PHRM-7204	Research Methodology	3(3-0)
URCG-5129/-31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
PHRM-7205	Advanced Pharmaceutics	3(3-0)
PHRM-7206	Advanced Biopharmaceutics & Pharmacokinetics	3(3-0)
PHRM-7207	Pharmaceutical Microbiology& Biotechnology	3(3-0)
PHRM-7208	Drug Delivery Systems	3(3-0)
URCG-5130/-32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 to 4		
	Research & Thesis	6(0-6)
		Total 6(0-6)

MPhil Pharmaceutical Chemistry

Eligibility: Pharm-D or B-Pharmacy or equivalent 16 years of education with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PHRM-7401	Biostatistics	3(3-0)
PHRM-7402	Drug design and development	3(3-0)
PHRM-7403	Pharmaceutical Analytical Techniques	3(3-0)
PHRM-7404	Research Methodology	3(3-0)
URCG-5129/-31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
PHRM-7405	Advanced Medical Chemistry	3(3-0)
PHRM-7406	Natural Product Chemistry	3(3-0)
PHRM-7407	Phytochemistry	3(3-0)
PHRM-7408	Therapeutical Chemistry	3(3-0)
URCG-5130/-32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 to 4		
	Research & Thesis	6(0-6)
		Total 6(0-6)

MPhil Pharmacology

Eligibility: Pharm-D or B-Pharmacy or equivalent 16 years of education with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PHRM-7101	Biostatistics	3(3-0)
PHRM-7102	Drug design and development	3(3-0)
PHRM-7103	Pharmaceutical Analytical Techniques	3(3-0)
PHRM-7104	Research Methodology	3(3-0)
URCG-5129/-31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
PHRM-7105	Advanced Chemotherapy	3(3-0)
PHRM-7106	Safety Pharmacology and Toxicology	3(3-0)
PHRM-7107	Advanced Biochemical & Immunological Techniques	3(3-0)
PHRM-7108	Advanced Neuropharmacology	3(3-0)
URCG-5130/-32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 to 4		
	Research & Thesis	6(0-6)
		Total 6(0-6)

MPhil Pharmacognosy

Eligibility: Pharm-D or B-Pharmacy or equivalent 16 years of education with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PHRM-7501	Biostatistics	3(3-0)
PHRM-7502	Drug design and development	3(3-0)
PHRM-7503	Pharmaceutical Analytical Techniques	3(3-0)
PHRM-7504	Research Methodology	3(3-0)
URCG-5129/-31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
PHRM-7505	Advanced Phamacognosy	3(3-0)
PHRM-7506	Biosynthesis & Phytochemicals	3(3-0)
PHRM-7507	Plant Toxicology	3(3-0)
PHRM-7508	Clinical Phamacognosy	3(3-0)
URCG-5130/-32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 to 4		
	Research & Thesis	6(0-6)
		Total 6(0-6)

PhD Pharmacology

Eligibility: MPhil in Pharmacology (18 years of education) with basic degree in Pharmacy (Pharm-D or B-Pharmacy) or equivalent degree with CGPA 3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
PHRM-7106	Safety Pharmacology and Toxicology	3(3-0)
PHRM-7108	Advanced Neuropharmacology	3(3-0)
PHRM-8101	Advanced Drug Development	3(3-0)
PHRM-8102	Advanced Pharmacokinetics	3(3-0)
PHRM-8103	Seminar and special problems	3(3-0)
URCG-5129/-31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
PHRM-8104	Metabolic disorders and Toxicokinetics	3(3-0)
PHRM-8105	Experimental Pharmacology	3(3-0)
PHRM-8106	Modern Pharmacological Assays	3(3-0)
URCG-5130/-32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 to 4		
	Research & Thesis	

PhD Pharmaceutics

Eligibility: MPhil in Pharmaceutics (18 years of education) with basic degree in Pharmacy (Pharm-D or B-Pharmacy) or equivalent degree with CGPA 3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
PHRM-7205	Advanced Pharmaceutics	3(3-0)
PHRM-7208	Drug Delivery Systems	3(3-0)
PHRM-8201	Advanced Drug Development	3(3-0)
PHRM-8202	Advanced Pharmacokinetics	3(3-0)
PHRM-8203	Seminar and special problems	3(3-0)
URCG-5129/-31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
PHRM-8204	Dosage Forms Characterization and Evaluation	3(3-0)
PHRM-8205	Pharmaceutical Material Science	3(3-0)
PHRM-8206	Pharmaceutical statistics	3(3-0)
URCG-5130/-32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 to 4		
	Research & Thesis	

PhD Pharmaceutical Chemistry

Eligibility: MPhil in Pharmaceutical Chemistry (18 years of education) with basic degree in Pharmacy (Pharm-D or B-Pharmacy) or equivalent degree with CGPA 3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
PHRM-8401	Drug Discovery and Properties	3(3-0)
PHRM-8402	Advanced Pharmaceutical Analysis	3(3-0)
PHRM-8403	Research Ethics & Methodology	3(3-0)
URCG-5129/-31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
PHRM-8404	Advanced Organic Chemistry	3(3-0)
PHRM-8405	Natural Products & Medicinal Chemistry	3(3-0)
PHRM-8406	Computational Chemistry	3(3-0)
URCG-5130/-32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 to 4		
	Research & Thesis	



FACULTY OF
SCIENCES



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List of Institute/Departments

- Institute of Chemistry
- Biotechnology
- Botany
- Earth Sciences
- Mathematics
- Physics
- Statistics
- Zoology

The Faculty of Sciences is prominent among the Faculties of the University with the highly trained and experienced faculty members and well equipped laboratories. Its achievement in research and patents are the fruit of consistent efforts of teachers and students. The Faculty comprised of an institute and eight departments. The subjects of Botany and Zoology are enriched with innovative research culture. Their faculty is well versed with practical application of modern techniques in biological sciences and their future potentialities in life sciences research. Chemistry tries to meet the ever-growing needs in the field of chemical sciences. The Earth Sciences has a progressive vision about exploration of natural resources, conservation of environment and advanced geographical information system. The faculty of Mathematics have potential to explore latest advances in pure and applied mathematics from number theory to data science and algebraic geometry to machine learning. There are very productive groups in Pure, Applied and Computational Mathematics. Physics have well equipped state of the art laboratories such as X-ray crystallography, laser spectroscopy, and thin layer deposition. Plasma physics, nanomaterials and DFT laboratories etc. Statistical designs and analysis experimental research and surveys, embeds data insights for policy and decision making in every sphere of society and industry. The faculty is continuously being upgraded and strengthened by recruitment of quality graduates and upgradation of laboratories and research facilities. A number of multidisciplinary research projects in collaboration with national and international institutes are in progress.

INSTITUTE OF
CHEMISTRY



Dr. Muhammad Sher
Professor / Director

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FACULTY

Dr. Farooq Anwar
Professor

Dr. Abdul Rauf Raza
Professor (Tenured)

Dr. Humaira Yasmeen Gondal
Professor (Tenured)

Dr. Waseeq Ahmad Siddiqui
Professor (Tenured)

Dr. Nargis Sultana
Associate Professor

Dr. Tauqeer Ahmad
Associate Professor

Dr. Muhammad Fayyaz ur Rehman
Associate Professor

Dr. Muhammad Naeem-ul-Hassan
Associate Professor

Dr. Sobia Noreen
Associate Professor (on leave)

Dr. Syeda Laila Rubab
Associate Professor (Tenured)

Dr. Fozia Batool
Assistant Professor

Dr. Farhat Nosheen
Assistant Professor

Dr. Iram Hafiz
Assistant Professor

Dr. Muhammad Imran Irfan
Assistant Professor

Dr. Bushra Munir
Assistant Professor

Dr. Sohaila Andleeb
Assistant Professor (TTS)

Dr. Shazia Mumtaz
Assistant Professor

Dr. Taleeha Roheen
Lecturer

Dr. Abu Bakar Siddique
Lecturer

Dr. Muhammad Mustaqeem
Lecturer

BS in Chemistry

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Medical / Pre-Engineering or equivalent with Chemistry as an elective subject.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
CHEM-5101	Inorganic Chemistry	4(3-1)
CHEM-5102	Basic Mathematics for Chemists	2(2-0)
CHEM-5103	Physical Chemistry	4(3-1)
		Total 18(15-3)
Semester-2		
URCG-5128	Pakistan Studies	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5129	Understanding of Quran-I OR	1(0-1)
URCG-5131	Ethics-I	
CHEM-5104	Organic Chemistry	4(3-1)
CHEM-5105	Analytical Chemistry	4(3-1)
		Total 17(14-3)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
CHEM-5106	Chemistry Special Topics	4(3-1)
CHEM-5107	Basic Statistics for Chemists	2(2-0)
CHEM-5108	Laboratory Safety Measures	2(2-0)
		Total 18(17-1)
Semester-4		
URCG-5115	The Science of Global Challenges	3(2-4)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5130/32	Understanding of Quran-II/Ethics-II	1(0-1)
CHEM-5109	Industrial Chemistry	3(3-0)
BCHM-5102	Carbohydrates and Lipids	4(3-1)
MET-2114	Material Science and Composites	3(3-0)
		Total 18(12-6)
Semester-5		
CHEM-6101	Inorganic Chemistry-I	4(3-1)
CHEM-6102	Organic Chemistry-I	4(3-1)
CHEM-6103	Physical Chemistry-I	4(3-1)
PHARM-614	Pharmaceutical Quality Management	4(3-1)
		Total 16(12-4)

Semester-6		
CHEM-6104	Inorganic Chemistry-II	4(3-1)
CHEM-6105	Organic Chemistry-II	4(3-1)
CHEM-6106	Physical Chemistry-II	4(3-1)
CMPC-5207	Artificial Intelligence	3(2-1)
INFM-6129	Information Literacy (Chemistry)	3(2-1)
		Total 18(13-5)
Summer Semester		
CHEM-6140	Field Experience / Internship	3(0-3)
Semester-7		
CHEM-6107	Forensic Chemistry	2(2-0)
CHEM-6108	Computational Chemistry	3(2-1)
CHEM-6xxx	Major Course of Specialization-I	4(3-1)
CHEM-6xxx	Major Course of Specialization-II	3(3-0)
CHEM-6xxx	Major Course of Specialization-III	3(3-0)
Semester-8		**Total 15(13-2)**
CHEM-6141	Capstone project	3(0-3)
CHEM-6124	Environmental Chemistry	3(3-0)
CHEM-6xxx	Major Course of Specialization-IV	4(3-1)
CHEM-6xxx	Major Course of Specialization-V	3(3-0)
CHEM-6xxx	Major Course of Specialization-VI	3(3-0)
		Total 16(12-4)

BS in Biochemistry

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Medical or equivalent qualification with Chemistry as an elective subject.

Duration: 4 Years

Semesters: 8

Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5123	Applications of Info. & Comm. Tech. (ICT)	3(2-1)
URCG-5120	Quantitative Reasoning I (Expl. Quantitative Skills)	3(3-0)
URCG-5129	Understanding of Quran-I	1(1-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
BCHM-5101	Amino Acids, Proteins and Nucleic Acids	4(3-1)
CHEM-6141	Bioinorganic & Analytical Chemistry	3(3-0)
		Total 18(16-2)
Semester-2		
URCG-5119	Expository Writing	3(3-0)
URCG-5120	Quantitative Reasoning – II	3(3-0)
	(Exploring Quantitative Skills)	
URCG-5116	Science of Society-I	2(2-0)
CHEM-5104	Organic Chemistry	3(2-1)
BCHM-5102	Carbohydrates and Lipids	4(3-1)
BCHM-5103	Laboratory Biosafety Measures	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 18(15-3)
Semester-3		
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5124	Entrepreneurship	2(2-0)
URCG-5115	The Science of Global Challenges	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
CHEM-5109	Industrial Chemistry	3(3-0)
BCHM-5104	Enzymes and Vitamins	4(3-1)
		Total 14(12-2)
Semester-4		
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
PHRM-5107	Physiology	3(3-0)
MDLT-5208	General Pathology	3(3-0)
BCHM-5105	Cell Biology and Genetics	4(3-1)
BCHM-5106	Introduction to Computers in Biochemistry	3(2-1)
		Total 19(17-2)
Semester-5		
MICR-6119	Microbial Biotechnology	3(3-0)
BCHM-6101	Fundamentals of Forensic Sciences	3(3-0)
BCHM-6102	Enzyme and their Mechanisms	4(3-1)
BCHM-6103	Basic Mathematics for Biochemists	2(2-0)
BCHM-6104	Metabolism of Carbohydrates and Lipids	4(3-1)
		Total 16(14-2)
Semester-6		
CMPC-5207	Artificial Intelligence	3(2-1)
BCHM-6105	Techniques in Molecular Biology	4(3-1)
BCHM-6106	Cancer Biochemistry	3(3-0)
BCHM-6107	Metabolism of Proteins & Nucleic Acids	3(3-0)
BCHM-6108	Genomics and Proteomics	3(3-0)
		Total 16(14-2)
Summer Semester		
BCHM-6118	Field Experience / Internship	3(0-3)
Semester-7		
BCHM-6109	Chemotherapy and Immunology	3(3-0)
BCHM-6110	Bioinformatics	4(3-1)
BCHM-6111	Clinical Biochemistry	3(2-1)

BCHM-6112	Introduction to Environmental Sciences	2(2-0)
BCHM-6113	Nutritional Biochemistry	4(3-1)
		Total 16(13-3)
Semester-8		
BCHM-6119	Capstone project	3(0-3)
BCHM-6114	Biological membranes & Cell Signaling	3(3-0)
BCHM-6115	Advanced Topics in Molecular Biology	3(2-0)
BCHM-6116	Molecular Virology	3(2-0)
BCHM-6117	Computer Aided Drug Designing	4(3-1)
		Total 16(12-4)

BS in Chemistry (5th Semester Intake)

Eligibility: At least 45% marks in biannual / annual (BSc, ADP) or CGPA 2.00 out of 4.00 semester (ADS etc.) system qualification.

1) Minimum 25% or higher marks contribution of Chemistry subject to total (e.g., 200/800) is compulsory (with at least 50% marks) for graduates with biannual / annual examination system.
2) Minimum 25% or higher credit hours (CRs) contribution of Chemistry subjects to total CRs (e.g., 15 out of 60 CRs) is compulsory (with at least 50% marks in each course) for graduates with semester system examination.

Merit: 8 × (%age Marks in annual / semester system) + 2 × [%marks obtained in Chemistry subject(s)] + 20 marks for Hafiz-e-Quran (if applicable)

Duration: 2 Years
Semesters: 4
Degree Requirements: 68 Credit Hour

Code	Course Title	C/Hr.
Semester-1		
CHEM-6101	Inorganic Chemistry-I	4(3-1)
CHEM-6102	Organic Chemistry-I	4(3-1)
CHEM-6103	Physical Chemistry-I	4(3-1)
ZOOL-5102	Animal Diversity-II (Chordates) /	4(3-1)
PHYS-5102	Introduction to Electromagnetism	**Total 16(12-4)**
Semester-2		
CHEM-6104	Inorganic Chemistry-II	4(3-1)
CHEM-6105	Organic Chemistry-II	4(3-1)
CHEM-6106	Physical Chemistry-II	4(3-1)
BOTN-5101	Artificial Intelligence	4(3-1)
MATH-5102	Information Literacy (Chemistry)	4(4-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 17(12-5)
Summer Semester		
CHEM-6140	Field Experience/Internship	3(0-3)
Semester-3		
CHEM-6107	Forensic Chemistry	3(3-0)
CHEM-6xxx	Major Course of Specialization-I	4(3-1)
CHEM-6xxx	Major Course of Specialization-II	3(3-0)
CHEM-6xxx	Major Course of Specialization-III	3(3-0)
		Total 13(12-1)
Semester-4		
URCG-5130	Understanding of Holy Quran-II	1(0-1)
CHEM-6141	Capstone Project	3(0-3)
CHEM-6124	Environmental Chemistry	3(3-0)
CHEM-6xxx	Major Course of Specialization-IV	4(3-1)
CHEM-6xxx	Major Course of Specialization-V	3(3-0)
CHEM-6xxx	Major Course of Specialization-VI	3(3-0)
		Total 17(12-5)

MPhil Chemistry (with following specializations)

i. Analytical/Inorganic Chemistry
ii. Biochemistry
iii. Organic Chemistry
iv. Physical Chemistry

Eligibility: Entry Test conducted by Institute of Chemistry UOS (Min 50%) + Interview and 2.0 CGPA in BS/MSc Chemistry or equivalent degree. A candidate can only choose such program in which he/she has specialized in last year of study.
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

General Courses		
URCG-5129/31	Understanding of Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Quran-II/Ethics-II	1(0-1)
		Total 2(0-2)
Semester - I and II: Mandatory Courses		
CHEM-7101	Scientific Writing & Research Methods	3(3-0
CHEM-7102	Advanced Techniques in Chemistry	3(3-0
		Total 6(6-0)

Semester - I and II: Elective Courses

A student shall opt minimum 3 courses of 09 credit hours (3 credit hours each) from the area of specialization in first two semesters

Semester	Course Title	Credit Hrs.
I	Elective - I	3(3-0)
I	Elective - II	3(3-0)
I	Elective - III	3(3-0)
II	Elective - IV	3(3-0)
II	Elective - V	3(3-0)
II	Elective - VI	3(3-0)
		Total 18(18-0)

Elective courses will be offered from the following four areas of specialization:

i. Analytical/ Inorganic Chemistry
ii. Biochemistry
iii. Organic Chemistry
Physical Chemistry

Semester-III & IV		
	Research/Thesis	6(0-6)
Electives of Analytical / Inorganic Chemistry		
Semester-I		
CHEM-7103	Environmental Analysis	3(3-0)
CHEM-7104	Nano Chemistry	3(3-0)
CHEM-7105	Advanced Separation Techniques-I	3(3-0)
CHEM-7106	Advanced Spectroscopic Techniques-I	3(3-0)
CHEM-7107	Chemistry of Main Group Elements	3(3-0)
CHEM-7108	Organo-transition Metal Chemistry	3(3-0)

CHEM-7109	Medicinal Uses of Transition Metals/Inorganic Compounds	3(3-0)
CHEM-7110	Modern Inorganic Chemistry	3(3-0)
		Total 9(9-0)
Semester-II		
CHEM-7111	Advanced Separation Techniques-II	3(3-0)
CHEM-7112	Advanced Spectroscopic Techniques-II	3(3-0)
CHEM-7113	Thermal Methods of Analysis & Electroanalytical Techniques	3(3-0)
CHEM-7114	Inorganic and Organometallic Polymers	3(3-0)
CHEM-7115	Applied Transition Metal Chemistry	3(3-0)
CHEM-7116	Inorganic Material Chemistry (II)	3(3-0)
CHEM-7117	Solid State Chemistry	3(3-0)
CHEM-7118	Recent Advances in Metal Based Drugs	3(3-0)
		Total 9(9-0)
Electives of Biochemistry		
Semester-I		
CHEM-7119	Protein Structure, Function and Engineering	3(3-0)
CHEM-7120	Enzyme Kinetics and Mechanisms	3(3-0)
CHEM-7121	Molecular Biochemistry	3(3-0)
CHEM-7122	Blood Chemistry and Immunochemistry	3(3-0)
CHEM-7123	Environmental Biochemistry and Toxicology	3(3-0)
CHEM-7124	Biochemical Basis of Endocrinology	3(3-0)
CHEM-7125	Neuro-Biochemistry	3(3-0)
CHEM-7126	Nutritional Biochemistry	3(3-0)
CHEM-7127	Biostatistics and Biomathematics	3(3-0)
CHEM-7128	Biochemistry Laboratory Skills	3(3-0)
CHEM-7129	Clinical Biochemistry Laboratory Techniques	3(3-0)
		Total 9(9-0)
Semester-II		
CHEM-7130	Recombinant DNA Technology	3(3-0)
CHEM-7131	Drug Designing and Drug Metabolism	3(3-0)
CHEM-7132	Clinical Biochemistry	3(3-0)
CHEM-7133	Animal and Plant Tissue Culture	3(3-0)
CHEM-7134	Bioinformatics and Computer Genomics	3(3-0)
CHEM-7135	Pathogens and Pathogenicity	3(3-0)
CHEM-7136	Genomics and Proteomics	3(3-0)
CHEM-7137	Cell Biology	3(3-0)
CHEM-7138	Current Topic in Biochemistry	3(3-0)
CHEM-7139	Techniques for Studying Bio-molecules	3(3-0)
CHEM-7140	Molecular Biology Lab Skills	3(3-0)
		Total 9(9-0)
Electives of Organic Chemistry		
Semester-I		
CHEM-7141	Advanced Stereochemistry	3(3-0)
CHEM-7142	Advanced NMR Spectroscopy	3(3-0)
CHEM-7143	Physical-Organic Chemistry	3(3-0)
CHEM-7144	Medicinal Chemistry	3(3-0)
CHEM-7145	Pericyclic Reactions	3(3-0)
CHEM-7146	Advanced By-Name Reactions	3(3-0)
CHEM-7147	Polymer Chemistry	3(3-0)
		Total 9(9-0)
Semester-II		
CHEM-7148	Advanced Organic Synthesis	3(3-0)
CHEM-7149	Mass Spectrometry	3(3-0)
CHEM-7150	Natural Product Chemistry	3(3-0)
CHEM-7151	Organometallic Chemistry	3(3-0)
CHEM-7152	Heterocyclic Chemistry	3(3-0)
CHEM-7153	Organic Materials Chemistry	3(3-0)
		Total 9(9-0)
Electives of Physical Chemistry		
Semester-I		
CHEM-7154	Polymer and Advanced Composite Materials	3(3-0)
CHEM-7155	Advanced Quantum Chemistry	3(3-0)
CHEM-7156	Advanced Electrochemistry	3(3-0)
CHEM-7157	Advanced Reaction Dynamics	3(3-0)
CHEM-7158	Advanced Photochemistry	3(3-0)
CHEM-7159	Surface Chemistry	3(3-0)
CHEM-7160	Solution Chemistry	3(3-0)
CHEM-7161	Advanced Techniques in Physical Chemistry	3(3-0)
CHEM-7162	Physical Aspects of Environment	3(3-0)
		Total 9(9-0)
Semester-II		
CHEM-7163	Magnetic Spin Dynamics	3(3-0)
CHEM-7164	Advanced Molecular Spectroscopy	3(3-0)
CHEM-7165	Biophysical Chemistry	3(3-0)
CHEM-7166	Advanced Statistical Thermodynamics	3(3-0)
CHEM-7167	Ion Exchange Chemistry	3(3-0)
CHEM-7168	Colloids and Surfactants	3(3-0)
CHEM-7169	Advanced Nuclear and Radiation Chemistry	3(3-0)
CHEM-7170	Advanced Solid State Chemistry and Characterization Techniques	3(3-0)
CHEM-7171	Heterogeneous Catalysis	3(3-0)
		Total 9(9-0)



PhD Chemistry

Eligibility: At least 3.0 CGPA out of 4.0 in MS/MPhil Chemistry or equivalent degree + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
General Education Courses		
URCG-5129/31	Understanding of Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Quran-II/Ethics-II	1(0-1)
		Total 2(0-2)
Mandatory Courses		
CHEM-8101	Literature Survey & Technical Writing	3(3-0)
CHEM-8102	Advances in Chemical Analysis	3(3-0)
CHEM-8103	Computer Applications & Statistical Analysis	3(3-0)
CHEM-8104	Experimental Techniques and Laboratory Safety Practices	3(3-0)
		Total 12(12-0)
Elective Courses		
CHEM-8105	Method Development in Chromatography and Spectroscopy	3(3-0)
CHEM-8106	Trends and Future Prospects of Metal based Drugs in Cancer Treatment	3(3-0)
CHEM-8107	Pericyclic Reactions	3(3-0)
CHEM-8108	Chemistry of Steroids	3(3-0)
CHEM-8109	Advances in Physical Chemical Chemistry	3(3-0)
CHEM-8110	Physical Chemistry for Organic and Inorganic Synthesis	3(3-0)
CHEM-8111	Recombinant DNA Technology	3(3-0)
CHEM-8112	Bioinformatics and Comparative Genomics	3(3-0)
		Total 6(6-0)

Semester-1		
CHEM-8101	Literature survey & Technical Writing	3(3-0)
CHEM-8102	Advances in Chemical Analysis	3(3-0)
CHEM-8103	Computer Applications & Statistical Analysis	3(3-0)
URCG-5129/31	Understanding of Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
CHEM-8104	Experimental Techniques and Laboratory Practices (Compulsory)	3(3-0)
CHEM-xxxx	Optional Course*	3(3-0)
CHEM-xxxx	Optional Course*	3(3-0)
URCG-5130/32	Understanding of Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 onwards	Thesis	

* Two interdisciplinary postgraduate courses, advised by the research supervisor and approved by the Director, offered by any department/ institute of the University or Agriculture/Medical/Engineering Colleges that has not een opted by the candidate in MS/MPhil degree 2 x 3



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Dr. Misbah Hussain
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Dr. Muhammad Sajjad Ahmad
Assistant Professor

Dr. Samra Irem
Assistant Professor

Sayyad Ali Raza Bukhari
Lecturer (on study leave)

BS in Biotechnology

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Medical, or Equivalent qualification
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. & Comm. Technologies (ICT)	3(2-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(1-0)
URCG-5115	The Science of Global Challenges	3(2-1)
BIOT-5101	Introduction to Biotechnology	3(3-0)
BIOT-5102	Cell Biology	3(2-1)
		Total 18(15-3)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS OR	2(2-0)
URCG-xxxx	Chinese Language	
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
BIOT-5103	Molecular Biology	3(2-1)
BIOT-5104	Microbiology	3(2-1)
BIOT-5105	Principles of Genetics	3(3-0)
		Total 18(17-1)
Semester-3		
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(1-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
BIOT-5106	Agriculture Biotechnology	3(3-0)
BIOT-5107	Food Biotechnology	3(2-1)
BIOT-5108	Industrial Biotechnology	3(2-1)
BIOT-5109	Biosafety, Biosecurity & Bioethics	2(2-0)
		Total 18(16-2)
Semester-4		
URCG-5127	Seerat of the Holy Prophet (SW)	1(1-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
BIOT-5110	Principles of Biochemistry-I	3(2-1)
BIOT-5111	Health Biotechnology	3(3-0)
BIOT-5112	Recombinant DNA Technology	3(3-0)
CHEM-xxxx	General Chemistry	3(2-1)
		Total 19(17-2)
Summer Semester		
BIOT-6131	Internship	3(0-3)
		Total 3(0-3)

Semester-5		
BIOT-6113	Immunology	3(3-0)
BIOT-6114	Principles of Biochemistry-II	3(2-1)
BIOT-6115	Medical Diagnostics	3(3-0)
BIOT-6116	Principles of Biochemical Engineering	3(2-1)
PHYS-6131	Biophysics OR	3(3-0)
CMEC-6101	Programming Fundamentals	3(2-1)
		Total 18(16-2)
Semester-6		
BIOT-6117	Microbial Biotechnology	3(2-1)
BIOT-6118	Animal Biotechnology	3(3-0)
BIOT-6119	Scientific Inquiry & Research Methods	3(3-0)
BIOT-6120	Methods in Molecular Biology	3(2-1)
BIOT-6121	Bioinformatics	3(2-1)
PHRM-6161	Pharmaceutics	3(3-0)
		Total 18(15-3)
Summer Semester		
BIOT-6130	Internship	3(0-3)
Semester-7		
BIOT-6122	Pharmaceutical Biotechnology	3(3-0)
BIOT-6123	Artificial Intelligence in Biotechnology	3(3-0)
BIOT-6124	Environmental Biotechnology	3(2-1)
BIOT-6125	Analytical Chemistry and Instrumentation	3(2-1)
PHRM-6161	Pharmaceutics & Pharmacokinetics	3(3-0)
		Total 15(13-2)
Semester-8		
BIOT-6126	Genomics and Proteomics	3(2-1)
BIOT-6127	Forensic DNA Typing (E)	3(3-0)
BIOT-6128	Nano-biotechnology	3(3-0)
BIOT-6129	Bio-Statistics	3(3-0)
BIOT-6131	Capstone Project	3(3-0)
		Total 15(14-1)

BS in Microbiology

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Medical, or Equivalent qualification
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5123	Applications of Info. & Communication Tech. (ICT)	3(2-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(1-0)
URCG-5115	The science of Global Challenges	3(2-1)
MICR-5101	Introduction to Microbiology	3(2-1)
MICR-5102	Cell Biology	3(2-1)
		Total 19(15-4)
Semester-2		
URCG-5119	Expository Writing	3(3-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
MICR-5103	Microbial Diversity and systematics	3(2-1)
MICR-5104	Microbial Physiology and Metabolism	3(2-1)
BIOT-5110	Principles of Biochemistry-I	3(2-1)
		Total 17(14-3)
Semester-3		
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(1-0)
URCG-5112	Fables, Wisdom and EPICS OR	2(2-0)
URCG-XXXX	Chinese Language	
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5128	Pakistan Studies	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
MICR-5105	Virology	3(3-0)
MICR-5106	Mycology	3(2-1)
MICR-5107	Molecular Biology	3(2-1)
		Total 18(16-2)
Semester-4		
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
MICR-5108	Immunology	3(3-0)
MICR-5109	Biosafety, Biosecurity & Bioethics	3(3-0)
MICR-5110	Microbial Genetics	3(2-1)
MICR-5111	Medical Microbiology	3(2-1)
		Total 17(15-2)
Semester-5		
MICR-5112	Industrial Microbiology	3 (2-1)
MICR-5113	Environmental Microbiology	3 (2-1)
MICR-5114	Food Microbiology	3 (2-1)
MICR-5115	Soil & Agriculture Microbiology	3 (2-1)
STAT-6228	Bio-statistics	3 (3-0)
BIOT-6122	Bioinformatics	3(1-2)
		Total 18(12-6)
Semester-6		
MICR-6116	Aquatic Microbiology	3(2-1)
MICR-6117	Clinical & Diagnostic Microbiology	3(2-1)
MICR-6118	Microbiological Techniques	3(2-1)
BIOT-6120	Scientific Inquiry & Research Methods	3(3-0)
xxxx-xxxx	Sustainable Development Goals	3(3-0)
		Total 18(12-6)
Summer Semester		
BIOT-6131	Internship	3(0-3)
Semester-6		
MICR-6119	Microbial Biotechnology	3(2-1)
MICR-6120	Antimicrobial Agents & Resistance	3(2-1)

MICR-6121	Bacterial Pathogenesis	3 2-1)
BIOT-5112	Recombinant DNA Technology	3(2-1)
xxxx-xxxx	Epidemiology & Public Health	3(3-0)
		Total 15(15-0)

Semester-8

MICR -6122	Vaccinology	3(2-1)
MICR-6123	Viral Pathogenesis and Host Defense	3(2-1)
MICR-6124	Genetic Engineering and Society	3(3-0)
xxxx-xxxx	Artificial Intelligence in Microbiology	3(2-1)
MICR-6125	Capstone Project	3(3-0)
		Total 15(12-3)

MPhil Biotechnology

Eligibility: Candidates having minimum 2nd Division in annual system or CGPA 2.0/4.0 in M.Sc/BS (4-year) degree (16 years of education) in semester system in subject mentioned as terminal degrees from HEC recognized Institutions. + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
List of Mandatory/Compulsory/Core Courses		
BIOT-7116	Advanced Molecular Biology	3(3-0)
BIOT-7117	Advanced Research Methods in Biotechnology	3(3-0)
BIOT-7118	Advances in Bioinformatics	3(3-0)
BIOT-7119	Trends in Biotechnology	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
List of Elective Courses		
BIOT-7101	Research Methods in Molecular Biology	3(3-0)
BIOT-7102	Applied Biostatistics	3(3-0)
BIOT-7103	Advances in Genomics	3(3-0)
BIOT-7104	Advanced Immunology	3(3-0)
BIOT-7105	Advances in Agriculture Biotechnology	3(3-0)
BIOT-7106	General and Medical Genetics	3(3-0)
BIOT-7107	Protein Engineering	3(3-0)
BIOT-7108	Forensic Sciences	3(3-0)
BIOT-7109	Regulation of Gene Expression	3(3-0)
BIOT-7110	Bioprocess Technology	3(3-0)
BIOT-7111	Fermentation Technology	3(3-0)
BIOT-7112	Cell Signaling and Metabolism	3(3-0)
BIOT-7113	Medical Biochemistry	3(3-0)
BIOT-7114	Principles of Pharmacogenomics	3(3-0)
BIOT-7115	Research techniques in Clinical Studies	3(3-0)

PhD Biotechnology

Eligibility: MPhil//MS/MSc(Hons) in the relevant subject with first division or CGP 3.0 out of 4.0 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18C/Hr. Course Work + Dissertation

Code	Course Title	C/Hr.
BIOT-8101	Advances in Microbial Genetics	3(3-0)
BIOT-8102	Advances in Animal Biotechnology	3(3-0)
BIOT-8103	Advances in Immunology	3(3-0)
BIOT-8104	Frontiers in Molecular Biology (Journal Club)	3(3-0)
BIOT-8105	Advances in Genomics	3(3-0)
BIOT-8106	Advances in Proteomics	3(3-0)
BIOT-8107	Recent trends in Molecular Diagnostics	3(3-0)
BIOT-8108	Applications of Nano-biotechnology	3(3-0)
BIOT-8109	Modern Biotechnology: Principles & Applications	3(3-0)
BIOT-8110	Recent trends in Biochemical Engineering	3(3-0)
BIOT-8111	Metabolic Engineering and Biofuels	3(3-0)
BIOT-8112	Advances in Insect Molecular Biology and Viruses	3(3-0)
BIOT-8115	Advances in Environmental Biotechnology	3(3-0)
BIOT-8116	Advances in Plant Tissue Culture	3(3-0)
BIOT-8117	Advances in Biosensor Technologies	3(3-0)
BIOT-8118	Biotechnology of Nonrenewable Resources	3(3-0)
BIOT-8119	Advances in Pharmacogenomics	3(3-0)
BIOT-8120	Molecular Systematics	3(3-0)
BIOT-8121	Advances in Protein Chemistry	3(3-0)
BIOT-8122	Advances in Cell and Molecular Biology	3(3-0)
BIOT-8123	Advances in Fungal Biotechnology	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)



DEPARTMENT OF
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Dr. Muhammad Imran
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Lecturer

Rameez Hussain
Lecturer

Dr. Sarvat Rahim
Lecturer

BS in Botany

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Medical, or Equivalent qualification. English compulsory of 100 is mandatory for candidate from FATA
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
BOTN-5101	Cell Biology	3(2-1)
BOTN-5102	Diversity of Plants	3(2-1)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5118	Functional English	3(3-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5115	The Science of Global Challenges	3(2-1)
		Total 18(13-5)
Semester-2		
BOTN-5103	Fundamentals of Plant Taxonomy	3(2-1)
BOTN-5104	Biodiversity & Conservation	3(3-0)
URCG-5116	Science of Society-I/	2(2-0)
URCG-5117	Science of Society-II	
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5127	Pakistan Studies	2(2-0)
		Total 18(13-5)
Semester-3		
BOTN-5105	Fundamental of Genetics & Evolution	3(2-1)
BOTN-5106	Phycology & Bryology	3(2-1)
BOTN-5107	Mycology	3(2-1)
BOTN-5108	Plant Anatomy & Embryology	3(2-1)
URCG-5112/	Fables, Wisdom Literature and Epic/	2(2-0)
URCG-5113	Science, Place & Experience	
URCG-5105	Islamic Studies /	
URCG-5126	Ethics	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
		Total 18(14-4)
Semester-4		
BOTN-5109	Phytogeography	3(2-1)
BOTN-5110	Principles of Plant Ecology	3(2-1)
BOTN-5111	Principles of Plant Biochemistry	3(2-1)
BOTN-5112	Fundamentals of Plant Physiology	3(2-1)
URCG-5125/	Civics and Community Engagement	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
		Total 16(12-4)
Summer Semester		
BOTN-6137	Internship	3(0-3)
		Total 3(0-3)

Semester-5		
BOTN-6101	Advanced Plant Ecology	3(2+1)
BOTN-6102	Advanced Plant Biochemistry	3(2+1)
BOTN-6103	Advanced Plant Physiology	3(2+1)
BOTN-6104	Microbial Botany	3(2+1)
BOTN-6105	Pteridophytes & Gymnosperms	3(2+1)
BOTN-6106	Biostatistics	3(2+1)
		Total 18(12-6)
Semester-6		
BOTN-6107	Systematics of Angiosperms	3(2+1)
BOTN-6108	Plant Pathology	3(2+1)
BOTN-6109	Molecular Genetics	3(2+1)
BOTN-6110	Sustainable Development Goals	3(3+0)
BOTN-6111	Artificial Intelligence in Botany	3(3+0)
BOTN-xxxx	Elective-I	3(2+1)
		Total 18(14-4)
Semester-7		
BOTN-6112	Analytical Techniques in Botany	3(1+2)
BOTN-6113	Field Botany	3(2+1)
BOTN-6114	Forensic Botany	3(2+1)
BOTN-6115	Scientific Inquiry & Research Methods	3(2+1)
BOTN-xxxx	Elective-II	3(2+1)
		Total 15(9-6)
Semester-8		
BOTN-6116	Plant Biotechnology	3(2+1)
BOTN-6117	Economics & Industrial Botany	3(3+0)
BOTN-6118	Evolutionary Trends in Plants	3(2+1)
BOTN-xxxx	Elective-III	3(2+1)
BOTN-6138	Capstone Project	3(3+0)
		Total 15(12-3)

BS in Botany (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BSc/ADS/ equivalent (Botany as major subject). English compulsory of 200 is mandatory for candidates from FATA.
Duration: 2 Years
Semesters: 4
Degree Requirements: 68 credit hours

Code	Course Title	C/Hr.
Semester-1		
BOTN-6101	Advanced Plant Ecology	3(2+1)
BOTN-6102	Advanced Plant Biochemistry	3(2+1)
BOTN-6103	Advanced Plant Physiology	3(2+1)
BOTN-6104	Microbial Botany	3(2+1)
BOTN-6105	Pteriodophytes & Tymnosperms	3(2+1)
BOTN-6106	Biostatistics	3(2+1)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
Semester-2		**Total 19(12-7)**
BOTN-6107	Systematics of Angiosperms	3(2+1)
BOTN-6108	Plant Pathology	3(2+1)
BOTN-6109	Molecular Genetics	3(2+1)
BOTN-6110	Sustainable Development Goals	3(3+0)
BOTN-6111	Artificial Intelligence in Botany	3(3+0)
BOTN-xxxx	Elective-I	3(2+1)
		Total 18(14-4)
BOTN-6137	Internship	3(3+0)
Semester-3		
BOTN-6112	Analytical Techniques in Botany	3(1+2)
BOTN-6113	Field Botany	3(2+1)
BOTN-6114	Forensic Botany	3(2+1)
BOTN-6115	Scientific Inquiry & Research Methods	3(2+1)
BOTN-xxxx	Elective-II	3(2+1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
		Total 16(9-7)
Semester-4		
BOTN-6116	Plant Biotechnology	3(2+1)
BOTN-6117	Economics & Industrial Botany	3(3+0)
BOTN-6118	Evolutionary Trends in Plants	3(2+1)
BOTN-xxxx	Elective-III	3(2+1)
BOTN-6138	Capstone Project	3(3+0)
		Total 15(12-3)

MPhil Botany

Eligibility: MSc/BS Botany (16 years of education) with at least second division or CGPA 2.00 out of 4.00 + Departmental test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Deficiency Courses		
BOTN-5101	Cell Biology	3(2-1)
BOTN-5102	Diversity of Plants	3(2-1)
BOTN-5103	Fundamentals of Plant Taxonomy	3(2-1)
BOTN-5105	Fundamental of Genetics & Evolution	3(2-1)
BOTN-5108	Plant Anatomy & Embroylogy	3(2-1)
BOTN-5110	Principles of Plant Ecology	3(2-1)
BOTN-5111	Principles of Plant Biochemistry	3(2-1)
BOTN-5112	Fundamentals of Plant Physiology	3(2-1)
List of Compulsory Core Courses		
BOTN-7101	Advanced Analytical Tools in Botany	3(1-2)
BOTN-7102	Recent Trends in Botany	3(2-1)
BOTN-7103	Research Methodology & Scientific Writing	3(2-1)
List of Compulsory Core Courses		
BOTN-7104	Advanced Techniques in Molecular Biology	3(2-1)

BOTN-7105	Advanced Plant Physiology and Biochemistry	3(2-1)
BOTN-7106	Advances in Physiology and Molecular Biology of Plant	3(2-1)
BOTN-7107	Environmental Toxicology and Impact Assessment	3(2-1)
BOTN-7108	Phytochemistry	3(2-1)
BOTN-7109	Plant signal Transduction	3(2-1)
BOTN-7110	Phytoremediation	3(2-1)
List of Elective Courses		
BOTN-7111	Biosystematics	3(2-1)
BOTN-7112	Proteomics and Genomics	3(2-1)
BOTN-7113	Modern Molecular Biology	3(2-1)
BOTN-7114	Biotechnology for Sustainable Development	3(2-1)
BOTN-7115	Radiation Biology	3(2-1)
BOTN-7116	Plant Development Processes	3(2-1)
BOTN-7117	Biohazards and Biosafety	3(2-1)
BOTN-7118	Food Industrial waste Management	3(2-1)
BOTN-7119	Plant Nutrition Management	3(2-1)
BOTN-7120	Recombinant DNA Technology	3(2-1)
Thesis		
BOTN-7121	Thesis	6(0-6)



PhD Botany

Eligibility: MPhil/MSc(Hons)/MS Botany (18-years of education) or equivalent degree with at least first division or CGPA=3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of General Education Courses		
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
List of Deficiency Courses		
BOTN-5101	Cell Biology	3(2-1)
BOTN-5102	Diversity of Plants	3(2-1)
BOTN-5103	Fundamentals of Plant Taxonomy	3(2-1)
BOTN-5105	Fundamental of Genetics & Evolution	3(2-1)
BOTN-5108	Plant Anatomy & Embroylogy	3(2-1)
BOTN-5109	Phytogeography	3(2-1)
BOTN-5110	Principles of Plant Ecology	3(2-1)
BOTN-5111	Principles of Plant Biochemistry	3(2-1)
BOTN-5112	Fundamentals of Plant Physiology	3(2-1)
BOTN-6109	Molecular Genetics	3(2-1)
BOTN-6116	Plant Botechnology	3(2-1)
BOTN-7101	Advanced Analytical Tools in Botany	3(1-2)
BOTN-7102	Recent Trends in Botany	3(2-1)
BOTN-7103	Research Methodology & Scientific Writing	3(2-1)
List of Elective Courses		
BOTN-8101	Methods in Plant Cell Tissues and Organ Culture	3(2-1)
BOTN-8102	Plant Sensory Biology	3(2-1)
BOTN-8103	Pharmacognosy	3(2-1)
BOTN-8104	Molecular Basis of Morphogenesis	3(2-1)
BOTN-8105	Environmental Biotechnology	3(2-1)
BOTN-8106	Advanced Cell and Molecular Biology	3(2-1)
BOTN-8107	Conservation and Management of Plant Resources	3(2-1)
BOTN-8108	Ecophysiology	3(2-1)
BOTN-8109	Fermentation Technology	3(2-1)
BOTN-8110	Environmental and Nutritional Physiology	3(2-1)
BOTN-8111	Advanced Conservation Ecology	3(2-1)
BOTN-8112	Plant Epigenetics	
BOTN-8113	Semi-Arif region Ecology	
BOTN-8114	Biology of Halophytes	
BOTN-8115	Bioinstrumentation	
BOTN-8116	Plant Phynomics	
BOTN-8117	Bioethics	
BOTN-8118	Metabolomics in Plant Research	
BOTN-8119	Artificial Intelligence in Botanical Research	
BOTN-8120	Allelopathy	
BOTN-8121	Bioinformatics and Computation Plant Science	
Thesis		
	Thesis	



DEPARTMENT OF EARTH SCIENCES



Dr. Muhammad Fahad Ullah
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Dr. Muhammad Kashif
Associate Professor

Dr. Asma Shaheen
Assistant Professor (on leave)

Dr. Faisal Rehman
Assistant Professor

Dr. Shamim Akhtar
Assistant Professor

Dr. Shakir Hussain
Assistant Professor

Dr. Syed Haroon Ali
Assistant Professor

Abdul Hannan
Lecturer (on study leave)

Dr. Muhammad Mobeen Hashmi
Lecturer (on leave)

Umer Younis
Lecturer

Saeed Hassan
Lecturer

BS in Geology

Eligibility: At least 45% Marks in HSSC (Part I/II)
I- FSc (Pre-Engineering)/ FSc (Pre-Medical)
II- ICS (with combination of at least any two subjects i.e., Math, Physics, Chemistry and Biology)
III- DAE (1st & 2nd Year) 5 seats reserved
IV- Intermediate (Part I/II) with Geology 5 seats reserved.
Duration: 4 Years
Semesters: 8
Degree Requirements: 138-148 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. & Communication Tech. (ICT)	3(2-1)
GEOL-5101	Fundamentals of Geology	3(3-0)
GEOL-5102	Geomorphology	3(3-0)
GEOL-5103	Mineralogy	3(3-0)
		Total 17(17-0)
Semester-2		
URCG-5129	Understanding of Holy Quran-I	1(1-0)
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
GEOL-5104	Paleontology	3(2-1)
GEOL-5105	Stratigraphy	3(3-0)
GEOL-5106	Geological Fieldwork-I	2(0-2)
		Total 18(15-3)
Semester-3		
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
GEOL -5107	Environmental Geology	3(3-0)
GEOL-5108	Sedimentology	3(2-1)
GEOL-5109	Petrology	3 (2-1)
		Total 18(16-2)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
GEOL-5110	GIS and Remote Sensing	3(2-1)
GEOL-5111	Geotectonics	3(2-1)
GEOL-5112	Structural Geology	3(2-1)
GEOL-5113	Geological Fieldwork-II	2(0-2)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
		Total 19(12-7)
Semester-5		
GEOL-6114	Geophysics	3(2-1)
GEOL-6115	Geochemistry	3(3-0)
GEOL-6116	Petroleum Geology	3(2-1)

GEOL-6117	Engineering Geology	3(2-1)
xxxx-xxxx	*Interdisciplinary/Allied course-I	3(3-0)
xxxx-xxxx	*Interdisciplinary/Allied course-II	3(3-0)
		Total 18(15-3)
Semester-6		
GEOL-6118	Hydrogeology	3(3-0)
GEOL-6119	Geology of Pakistan	3(3-0)
GEOL-6120	Geological Field Work-III	2(0-2)
GEOL-61XX	Elective I**	3(3-0)
xxxx-xxxx	*Interdisciplinary/Allied course-III	3(3-0)
xxxx-xxxx	*Interdisciplinary/Allied course-IV	3(3-0)
		Total 18(16-2)
Semester-7		
GEOL-6121	Sequence Stratigraphy	3(2-1)
GEOL-6122	Scientific Writing and Research Methods	3(3-0)
GEOL-6123	Geological Field Work-IV	2(0-2)
GEOL-61XX	Elective II **	3(3-0)
GEOL-61XX	Elective III **	3(3-0)
GEOL-61XX	Elective IV **	3(3-0)
		Total 17(14-3)
Semester-8		
GEOL-6124	AI and Computational Geology	3(1-2)
GEOL-61XX	Elective V	3(3-0)
GEOL-61XX	Elective VI	3(3-0)
GEOL-61XX	Elective VII	3(0-3)
GEOL-6190	Capstone Project	3(0-3)
		Total 15(7-8)

* To be offered from Interdisciplinary/Allied courses
** To be offered from respective specializations courses group list depending upon available resources at department

Note: Scheme of studies is subject to approval from statutory bodies.

BS in Geography

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Engineering / Pre-Medical / ICS / I.Com / FA / etc. or DAE (1st & 2nd Year)
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. & Communication Tech.	3(2-1)
GEOG-5101	Fundamentals of Geography	3(3-0)
GEOG-5102	Physical Geography	3(3-0)
GEOG-5103	Human Geography	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
GEOG-5104	Map Work	3(2-1)
GEOG-5105	History and Development of Geographic Thought	3(3-0)
GEOG-5106	Surveying	3(1-2)
URCG-5128	Pakistan Studies	2(2-0)
		Total 20(16-4)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
GEOG-5107	Regional Concepts	3(3-0)
GEOG-5108	Geomorphology	3(3-0)
GEOG-5109	Climatology	3(3-0)
		Total 17(17-0)
Semester-4		
URCG-5130	Understanding of Holy Quran-II	1(0-1)
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
GEOG-5110	Economic Geography	3(3-0)
GEOG-5111	Quantitative Methods In Geography	3(3-0)
GEOG-5112	Principles of Cartography	3(1-2)
		Total 17(13-4)
Summer Semester		
GEOG-5113	Internship	3(3-0)
Semester-5		
GEOG-6113	Geographical Information System	3(2-1)
-----	**Interdisciplinary/Allied course-I	3(3-0)
-----	**Interdisciplinary/Allied course-II	3(3-0)
-----	**Interdisciplinary/Allied course-III	3(3-0)
-----	**Interdisciplinary/Allied course-IV	3(3-0)
		Total 15(14-1)
Semester-6		
GEOG-6114	Oceanography	3(3-0)
GEOG-6115	Remote Sensing	3(2-1)
GEOG-6116	Research Methods	3(3-0)
GEOG-6117	Population Geography	3(3-0)

GEOG-6118	Environmental Geography	3(3-0)
		Total 15(14-1)
Semester-7		
GEOG-6170	South Asia	3(3-0)
GEOG-6119	Urban Geography	3(3-0)
GEOG-6120	Digital Image Processing	3(2-1)
*GEOG-61xx	Elective Course-I	3(3-0)
*GEOG-61xx	Elective Course-II	3(3-0)
		Total 15(14-1)
Semester-8		
GEOG-6121	Geography of Pakistan	3(3-0)
*GEOG-61--	Elective Course-III	3(3-0)
*GEOG-61--	Elective Course-IV	3(3-0)
***GEOG-61--	Field experience	3(0-3)
GEOG-6191	Capstone Project	3(3-0)
		Total 15(12-3)

* as notified from the list A available in the Department

** as notified from the list B available in the Department

*** as notified from the list C available in the Department

BS in Environmental Sciences

Eligibility: At least 45% Marks in HSSC (Part I/II)
I- FSc (Pre-Engineering)/ FSc (Pre-Medical)
II- ICS (with combination of at least any two subjects i.e., Math, Physics, Chemistry and Biology)
III- DAE (1st & 2nd Year) 5 seats reserved
Duration: 4 Years
Semesters: 8 Semesters
Degree Requirements: 135-148 credit hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information and Communication Technologies (ICT)	3(2-1)
ENVR-5101	Introduction to Environmental Science	3(3-0)
ENVR -5102	Fundamentals of Ecology	3(3-0)
ENVR-5103	Environmental Chemistry	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
ENVR-5104	Environmental Physics	3(3-0)
ENVR-5105	Mineral Resources	3(3-0)
ENVR-5106	Environmental Toxicology	3(2-1)
URCG-5128	Pakistan Studies	2(2-0)
		Total 19(17-2)
Semester-3		
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
ENVR-5107	Environmental Pollution	3(3-0)
ENVR-5108	Applied Ecology	3(3-0)
ENVR-5109	Environmental Microbiology	3(3-0)
		Total 18(18-0)
Semester-4		
URCG-5130	Understanding of Holy Quran-II	1(0-1)
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
ENVR-5110	Water & Wastewater Treatment	3(3-0)
ENVR-5111	Analytical Techniques in Environmental Science	3(3-0)
ENVR-5112	Research Methods in Environmental Science	3(3-0)
		Total 17(15-2)
Semester-5		
ENVR - 6113	Introduction to GIS and Remote Sensing	3(2-1)
ENVR - 6114	Environmental Governance	3(3-0)
ENVR - 6115	Climate Change	3(3-0)
ENVR - 6116	Disaster Risk Management	3(3-0)
xxxx-xxxx	*Interdisciplinary/Allied course-I	3(3-0)
xxxx-xxxx	*Interdisciplinary/Allied course-II	3(3-0)
		Total 18(17-1)
Semester-6		
ENVR- 6117	Solid Waste Management	3(3-0)
ENVR- 6118	Environmental Management Systems	3(3-0)
ENVR-6119	Biodiversity and Conservation	3(3-0)
xxxx-xxxx	*Interdisciplinary/Allied course-III	3(3-0)
xxxx-xxxx	*Interdisciplinary/Allied course-IV	3(3-0)
xxxx-xxxx	*Interdisciplinary/Allied course-V	3(3-0)
		Total 18(18-0)
Semester-7		
ENVR- 6120	AI & Emerging Technologies in Environmental Sciences	3(2-1)
ENVR-61XX	**Elective I	3(3-0)
ENVR-61XX	**Elective II	3(3-0)
ENVR-61XX	**Elective III	3(3-0)
ENVR-6185	***Field work	3(0-3)
		Total 15(11-4)
Semester-8		
ENVR-61XX	Elective IV	3(3-0)
ENVR-61XX	Elective V	3(3-0)
ENVR-61XX	Elective VI	3(3-0)
ENVR-61XX	Elective VII	3(0-3)

ENVR-6190	***Capstone Project	3(0-3)
		Total 15(9-6)

*As notified by the chairman from Interdisciplinary/Allied course List
** To be offered from Mandatory Elective Subjects List
*** Compulsory for degree requirement

BS in Geography (5th Semester Intake)

Eligibility:
(I) At least 45% marks or 2.0 CGPA out of 4.0 for candidates having Associate Degree in Geography (Annual/Semester)
(ii) At least 45% marks or 2.0 CGPA out of 4.0 for candidates having BA/BSc/ADP (Annual) in interdisciplinary field. They will be required to qualify 5 courses (15 cr. hrs) of deficiency courses to complete the degree.
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 69 credit hours

Code	Course Title	C/Hr.
Semester-1		
GEOG-5102	Physical Geography *	3(3-0)
GEOG-5103	Human Geography*	3(3-0)
GEOG-6113	Geographical Information System	3(2-1)
-----	Interdisciplinary/Allied course-I**	3(3-0)
-----	Interdisciplinary/Allied course-II**	3(3-0)
-----	Interdisciplinary/Allied course-III**	3(3-0)
-----	Interdisciplinary/Allied course-IV**	3(3-0)
		Total 15-21
Semester-2		
GEOG-5104	Map Work *	3(2-1)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5131	Ethics-I	
GEOG-6114	Oceanography	3(3-0)
GEOG-6115	Remote Sensing	3(2-1)
GEOG-6116	Research Methods	3(3-0)
GEOG-6117	Population Geography	3(3-0)
GEOG-6118	Environmental Geography	3(3-0)
		Total 16-19
Semester-3		
GEOG-5109	Climatology *	3(3-0)
GEOG-6170 -	South Asia	3(3-0)
GEOG-6119	Urban Geography	3(3-0)
GEOG- 6120	Digital Image Processing	3(2-1)
GEOG-61xx	Elective Course-I**	3(3-0)
GEOG-61xx	Elective Course-II**	3(3-0)
		Total 15-18
Semester-4		
GEOG-5111	Quantitative Methods In Geography*	3(3-0)
URCG-5130	Understanding of Holy Quran-II/	1(0-1)
URCG-5132	Ethics-II	
GEOG-6121	Geography of Pakistan	3(3-0)
GEOG-61xx	Elective Course-III**	3(3-0)
GEOG-61xx	Elective Course-IV**	3(3-0)
***GEOG-61xx	Field experience	3(0-3)
GEOG-6191	Capstone Project	3(0-3)
		Total 16-19

MPhil Geography

Eligibility: MSc/BS Geography with second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
GEOG-6192*	Advanced Physical Geography	3(3-0)
GEOG-7101	Advanced Research Methods	3(3-0)
GEOG-7102	Techniques in Geo-informatics	3(3-0)
GEOG-71**	To be selected from Elective Courses List	3(3-0)
GEOG-71**	To be selected from Elective Courses List	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
GEOG– 6193*	Advanced Human Geography	3(3-0)
GEOG-7103	Advanced Quantitative Techniques	3(3-0)
GEOG-71**	To be selected from Elective Courses List	3(3-0)
GEOG-71**	To be selected from Elective Courses List	3(3-0)
GEOG-71**	To be selected from Elective Courses List	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 and 4		
GEOG - 6194*	Pakistan: Geography, Demography and Economy	3(3-0)
GEOG-7190	Thesis	6(0-6)

* For Intra-disciplinary admitted candidates only

** From List of Elective course

List of Elective Courses		
GEOG-7106	Digital Cartography	3(3-0)
GEOG-7107	Environmental Geography	3(3-0)
GEOG-7108	Hydro Geography	3(3-0)
GEOG-7109	Cultural Geography	3(3-0)
GEOG-7110	Geography of Natural Hazards and Disasters	3(3-0)
GEOG-7111	Industrial Geography	3(3-0)
GEOG-7112	Medical Geography	3(3-0)
GEOG-7113	Political Geography	3(3-0)
GEOG-7114	Population Geography	3(3-0)
GEOG-7115	Regional Planning & Development	3(3-0)
GEOG-7116	Urban Geography	3(3-0)
GEOG-7117	Digital Image Processing	3(3-0)
GEOG-7118	Advanced techniques in GIS	3(3-0)
GEOG-7119	Principles of Remote Sensing	3(3-0)
GEOG-7120	Agricultural Geography	3(3-0)
Thesis		
GEOG-7190	Thesis	6(0-6)

MS Geology *

Eligibility: MSc/BS Geology with second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 credit Field Work
6 C/Hr. Thesis +

Code	Course Title	C/Hr.
Semester-1		
GEOL-61xx*	To be selected from deficiency course list	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(1-0)
GEOL-7101	Emerging Trends & Issues in Geology	3(3-0)
GEOL-71xx**	To be selected from elective courses list	3(3-0)
GEOL-71xx**	To be selected from elective courses list	3(3-0)
GEOL-71xx	To be selected from elective courses list	3(3-0)
		Total 13(13-0)
Semester-2		
GEOL-61xx*	To be selected from deficiency course list	3(3-0)
URCG-5130	Understanding of Holy Quran-II	1(1-0)
GEOL-7102	Advanced Research Methods for	3(3-0)
	Geological Sciences	
GEOL-71xx**	To be selected from elective courses list	3(3-0)
GEOL-71xx**	To be selected from elective courses list	3(3-0)
GEOL-71xx**	To be selected from elective courses list	3(3-0)
		Total 13(13-0)
Semester-3 and 4		
GEOL-61xx	To be selected from deficiency courses list	3(3-0)
GEOL-7179	Geological Field Work	6(0-6)
GEOL-7180	Thesis	6(0-6)
		Total 6(0-6)

* For Intra-disciplinary admitted candidates only

** From Elective Courses List

List of Deficiency Courses

GEOL-6192	Introduction to Earth Sciences	3(3-0)
GEOL-6193	Structural Analysis	3(3-0)
GEOL-6194	Mineralogy and Petrology	3(3-0)
GEOL-6195	Stratigraphy of Pakistan	3(3-0)
GEOL-6196	Field and Engineering Geology	3(3-0)

List of General Education Courses

URCG-5129	Understanding of Holy Quran – I *	1(1-0)
URCG-5130	Understanding of Holy Quran – II *	1(1-0)

List of Common Courses

GEOL-7101	Emerging Trends & Issues in Geology **	3(3-0)
GEOL-7102	Advanced Research Methods for Geological Sciences **	3(3-0)

List of Elective Courses

GEOL-7103	Applied Mineralogy	3(3-0)
GEOL-7104	Petroleum Geology of Pakistan	3(3-0)
GEOL-7105	Engineering Geology	3(3-0)
GEOL-7106	Applied Geophysics	3(3-0)
GEOL-7107	Coal Geology	3(3-0)
GEOL-7108	Global Tectonics	3(3-0)
GEOL-7109	Sedimentary Basins of Pakistan	3(3-0)
GEOL-7110	Basin Analysis	3(3-0)
GEOL-7111	Clastic Sedimentology	3(3-0)
GEOL-7112	Geology and Tectonics of Pakistan	3(3-0)
GEOL-7113	Micropaleontology	3(3-0)
GEOL-7114	Soil Mechanics	3(3-0)
GEOL-7115	Geotechnical Engineering	3(3-0)
GEOL-7116	Mining and Engineering Geology	3(3-0)
GEOL-7117	Geological Hazards	3(3-0)
GEOL-7118	Applied Hydrogeology	3(3-0)
GEOL-7119	Rock Mechanics	3(3-0)
GEOL-7120	Engineering Seismology	3(3-0)
GEOL-7121	Earthquake Seismology	3(3-0)
GEOL-7122	Geoelectrical Methods	3(3-0)
GEOL-7123	Geophysical Well Logging	3(3-0)
GEOL-7124	Reflection Seismology	3(3-0)
GEOL-7125	Gravity and Magnetic Methods	3(3-0)
GEOL-7126	Engineering Geophysics	3(3-0)
GEOL-7127	Mining Geophysics	3(3-0)
GEOL-7128	Isotope Geochemistry	3(3-0)
GEOL - 7129	Metamorphic Petrology	3(3-0)
GEOL - 7130	Metallic Mineral Deposits	3(3-0)
GEOL - 7131	Industrial Mineralogy	3(3-0)
GEOL - 7132	Applied Geochemistry	3(3-0)
GEOL - 7133	Igneous Petrology	3(3-0)

Geological Field Work

GEOL - 7189	Geological Field Work	6(0-6)

Thesis

GEOL - 7190	Thesis	6(0-6)

* These are prescribed for all NQF level 4-8 qualifications as mandated vide HEC letter No. 10- 01/2022/Coord(Acad)/HEC/235 dated March 28, 2025.

** These are the mandatory courses for the program, irrespective of the area of specialization.

Note: Scheme of studies is subject to approval from statutory bodies.

PhD Geology

Eligibility: MS Geology/MPhil Geology/MS Geophysics/MPhil Geophysics (18 years of education, having BS in Geology / Applied Geology is compulsory) or equivalent with 3.00 CGPA out of 4.00 in semester or first division in Annual System + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
GEOL-71--	To be selected from deficiency course list	3(3-0)
GEOL-71--	To be selected from deficiency course list	3(3-0)

GEOL-8101	Research Methodology	3(3-0)
GEOL-81**	To be selected from elective courses list	3(3-0)
GEOL-81**	To be selected from elective courses list	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)

Semester-2

GEOL-71--	To be selected from deficiency course list	3(3-0)
GEOG-8102	GIS and Remote Sensing Applications in Geology	3(2-1)
GEOL-81**	To be selected from elective courses list	3(3-0)
GEOL-81**	To be selected from elective courses list	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(8-2)

Semester-3 to VI

GEOL-8190	Thesis	

List of Deficiency Courses

GEOL-7101	Applied Mineralogy	3(3-0)
GEOL-7102	Petroleum Geology of Pakistan	3(3-0)
GEOL-7103	Engineering Geology	3(3-0)
GEOL-7104	Applied Geophysics	3(3-0)

List of Mandatory/Compulsory/Core Curses

GEOL-8101	Research Methodology	3(3-0)
GEOG-8102	GIS and Remote Sensing Applications in Geology	3(2-1)

List of Elective Courses

GEOL-8105	Mine Geology: Surface & Subsurface Mining	3(3-0)
GEOL-8106	Slope Stability Analysis	3(3-0)
GEOL-8107	Engineering Geology in Dams & Hydropower Proj.	3(3-0)
GEOL-8108	Geomechanics	3(3-0)
GEOL-8109	Hazards Analysis	3(3-0)
GEOL-8110	Foundation Analyses & Design	3(3-0)
GEOL-8111	Exploration Geophysics I (Gravity, Magnetic)	3(3-0)
GEOL-8112	Borehole Geophysics	3(3-0)
GEOL-8113	Engineering Geophysics	3(3-0)
GEOL-8114	Seismic Data Interpretation	3(3-0)
GEOL-8115	Exp. Geophysics II (Elec. Electro., GPR Methods)	3(3-0)
GEOL-8116	Advanced Reservoir Geophysics	3(3-0)
GEOL-8117	Seismic Hazard Analysis	3(3-0)
GEOL-8118	Applied, Industry and Research Geophysics	3(3-0)
GEOL-8119	Applied Numerical Analysis	3(3-0)
GEOL-8120	Clastic Sedimentology	3(3-0)
GEOL-8121	Advanced Basin Analysis	3(3-0)
GEOL-8122	Hydrocarbon Modeling	3(3-0)
GEOL-8123	Tectonic Geomorphology	3(3-0)
GEOL-8124	Advance Petroleum Geology	3(3-0)
GEOL-8125	Carbonate Sedimentology	3(3-0)
GEOL-8126	Applied structural Analysis	3(3-0)
GEOL-8127	Metamorphic Petrology	3(3-0)
GEOL-8128	Mineral Deposits	3(3-0)
GEOL-8129	Petrology	3(3-0)
GEOL-8130	Geochemistry	3(3-0)
GEOL-8131	Industrial Minerals of Pakistan	3(3-0)
GEOL-8132	Ore Geology, Mining and Processing	3(3-0)



DEPARTMENT OF
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Dr. Muhammad Ashraf
Associate Professor

Dr. Ammara Nosheen
Associate Professor

Dr. Tahir Nazir
Associate Professor

Dr. Muhammad Yaseen
Assistant Professor

Dr. Mumtaz Ahmad
Assistant Professor

Dr. Saima Naheed
Assistant Professor

Dr. Muhammad Samraiz
Assistant Professor

Dr. Uzma Ahmad
Assistant Professor

Dr. Javeria Farooq
Assistant Professor

Dr. Zunaira Kosar
Assistant Professor

Dr. Ijaz Ali
Assistant Professor

Dr. Syed Ali Haider Shah
Assistant Professor

Dr. Zafar Iqbal
Assistant Professor

Dr. Asifa Ilyas
Lecturer

Dr. Bushra Batool
Lecturer

Rabia Iqbal
Lecturer

Ammara Nazar
Lecturer

Dr. Azhar Hussain
Lecturer (on leave)

BS in Mathematics

Eligibility: At least 45% marks in HSSC (Part-I / II) of the following with 50% marks in Math.
I. HSSC (Pre-Engineering) or
II. ICS with Math or
III. FA with Math, or
IV. A-level or equivalent,
V. DAE (all)
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
MATH-5101	Calculus-I	3(3-0)
CMPC-5201	Programming Fundamentals	3(2-1)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5114	Basic Science	3(2-1)
URCG-5118	Functional English	3(3-0)
URCG-5123	Applications of Info. & Communication Tech. (ICT)	3(2-1)
		Total 18(15-3)
Semester-2		
MATH-5102	Calculus-II	3(3-0)
MATH-5103	Discrete Mathematics	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5112	Fables, Wisdom Literature, and Epic/	2(2-0)
PICS-5110	Chinese Language /	
ARAB- 5109	Arabic Language	
URCG-5127	Seerat of the Holy Prophet (SAW)*	1(1-0)
URCG-5129/31	Understanding of Holy Quran-I*/Ethics-I**	1(0-1)
		Total 18(18-0)
Semester-3		
MATH-5104	Calculus-III	3(3-0)
MATH-5105	Abstract Algebra	3(3-0)
MATH-5106	Vector and Tensor Analysis	3(3-0)
STAT-5111	Statistics and Probability Theory	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5116	Science of Society-I /	2(2-0)
ECON-5118	Mathematical Economics /	
EDUC- 5110	Teaching Mathematics /	
INTR- 5101	Introduction to International Relations	
		Total 18(18-0)
Semester-4		
MATH-5107	Linear Algebra	3(3-0)
MATH-5108	Fundamentals of Mechanics	3(3-0)
MATH-5109	Number Theory	3(3-0)
MATH-5110	Ordinary Differential Equations	3(3-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)

URCG-5130/32	Understanding of Holy Quran-II*/Ethics-II**	1(0-1)
		Total 17(16-1)

Semester-5

MATH-6101	Real Analysis-I	3(3-0)
MATH-6102	Topology	3(3-0)
MATH-6103	Partial Differential Equations	3(3-0)
MATH-6104	Numerical Analysis-I	3(3-0)
CSIT-6101	Programming Languages for Mathematicians	3(2-1)
PHYS-6130	Introduction to Mechanics	3(3-0)
		Total 18(17-1)

Semester-6

MATH-6105	Real Analysis-II	3(3-0)
MATH-6106	Complex Analysis	3(3-0)
MATH-6107	Numerical Analaysis-II	3(3-0)
MATH-6108	Mathematical Methods	3(3-0)
AIDC-4102	Machine Learning	3(3-0)
PHYS-6131	Introduction to Classical Mechanics	3(3-0)
		Total 18(18-0)

Semester-7

MATH-6111	Differential Geometry	3(3-0)
MATH-61xx	Elective-II	3(3-0)
MATH-61xx	Elective-III	3(3-0)
MATH-61xx	Elective-IV	3(3-0)
EDUC-6129	Scientific Writing & Research Methods	3(3-0)
MATH-6112	Field experience/Internship	3(0-3)
		Total 18(15-3)

Semester-8

MATH-6114	Integral Equations	3(3-0)
MATH-6115	Functional Analysis	3(3-0)
MATH-61xx	Elective-VI	3(3-0)
MATH-61xx	Elective-VII	3(3-0)
MATH-61xx	Elective-VIII	3(3-0)
MATH-6113	Capstone Project	3(0-3)
		Total 18(15-3)

* for Muslim students

** for Non-Muslim students

BS in Mathematics (5th Semester Intake)

Eligibility: At least 45% marks in BSc/ADS/ADP or equivalent qualification with 50% number of courses (credit hours*) of Mathematics and 50% marks in Mathematics courses.
Duration: 2 Years
Semesters: 4-8
Degree Requirements: 74 Credit Hours
Merit: Total marks obtained in BSc/ADS/ADP or equivalent qualification out of 800 marks +
20 marks of Hafiz-e-Quran (if applicable)

Code	Course Title	C/Hr.
Semester-1		
MATH-6101	Real Analysis-I	3(3-0)
MATH-6102	Topology	3(3-0)
MATH-6103	Partial Differential Equations	3(3-0)
MATH-6104	Numerical Analysis-I	3(3-0)
CSIT-6101	Programming Languages for Mathematicians	3(2-1)
PHYS-6130	Introduction to Mechanics	3(3-0)
MATH-51xx	Deficiency -I	3(3-0)
		Total 18(17-1)
Semester-2		
MATH-6105	Real Analysis-II	3(3-0)
MATH-6106	Complex Analysis	3(3-0)
MATH-6107	Numerical Analaysis-II	3(3-0)
MATH-6108	Mathematical Methods	3(3-0)
AIDC-4102	Machine Learning	3(3-0)
PHYS-6131	Introduction to Classical Mechanics	3(3-0)
MATH-51xx	Deficiency -II	3(3-0)
URCG-5129/3	Understanding of Holy Quran-I*/Ethics-I**	1(0-1)
		Total 18(17-1)
Summer Semester		
Math-51xx	Deficiency-III	3(3-0)
Math-51xx	Deficiency-III	3(3-0)
Semester-3		
MATH-6111	Differential Geometry	3(3-0)
MATH-61xx	Elective-II	3(3-0)
MATH-61xx	Elective-III	3(3-0)
MATH-61xx	Elective-IV	3(3-0)
EDUC-6129	Scientific Writing & Research Methods	3(3-0)
MATH-6112	Field experience/Internship	3(0-3)
MATH-51xx	Deficiency -V	3(3-0)
		Total 18(18-0)
Semester-4		
MATH-6114	Integral Equations	3(3-0)
MATH-6115	Functional Analysis	3(3-0)
MATH-61xx	Elective-VI	3(3-0)
MATH-61xx	Elective-VII	3(3-0)
MATH-61xx	Elective-VIII	3(3-0)
MATH-6113	Capstone Project	3(0-3)
MATH-51xx	Deficiency -VI	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II*/Ethics-II**	1(0-1)
		Total 19(18-1)

* for Muslim students

** for Non-Muslim students



MPhil Mathematics

Eligibility: MSc/BS-4 year with at least 2.00 CGPA out of 4.00 in semester or 2nd division in Annual System + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
MATH-7112	Computer Aided Geometric Design	3(3-0)
MATH-7113	Advanced Fluid Mechanics	3(3-0)
MATH-7133	Dynamic Inequalities on Time Scales	3(3-0)
MATH-7173	Advanced Spline Functions	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I*/Ethics-I**	1(0-1)
		Total 13(12-1)
Semester-2		
MATH-7107	Fractional Calculus	3(3-0)
MATH-7111	Interpolating Spline Functions	3(3-0)
MATH-7144	Advanced Heat Transfer	3(3-0)
MATH-7169	Theory of Soft Sets and Hybrid Structures	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II*/Ethics-II**	1(0-1)
		Total 13(12-1)
Semester-3 to 4		
MATH-7109	Thesis	6(0-6)

* for Muslim students

** for Non-Muslim students

PhD Mathematics

Eligibility: MPhil/MS (18-years of education) with at least 3.00 CGPA out of 4.00 in semester or 1st division in Annual System + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
MATH-8102	Numerical Solutions of Partial Differential Equations	3(3-0)
MATH-8133	Spline Functions with Applications	3(3-0)
MATH-8129	Orthogonal Polynomials	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I*/Ethics-I**	1(0-1)
		Total 10(9-1)
Semester-2		
MATH-8111	Fractional Calculus with Applications	3(3-0)
MATH-8116	Propagation of Waves in Different Media	3(3-0)
MATH-8130	Computational Geometry	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II*/Ethics-II**	1(0-1)
		Total 10(9-1)
Semester-3 to 6		
	Thesis	

* for Muslim students

** for Non-Muslim students





DEPARTMENT OF
PHYSICS



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Associate Professor

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Assistant Professor

Dr. Muhammad Zahid Ishaque
Assistant Professor

Dr. Khalid Naseer
Assistant Professor (on leave)

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Assistant Professor

Dr. Yasir Zaman
Assistant Professor

Dr. Fahim Ahmad
Assistant Professor

Dr. Naveed Ahmad Noor
Assistant Professor

Dr. Sultan Mahmood Zangi
Assistant Professor

Dr. Adeel Younas Abid
Assistant Professor

Dr. Farhat Iqbal
Lecturer (on study leave)

Asad Abbas Malik
Lecturer

Muhammad Qasim
Lecturer

Ayesha Islam
Lecturer (on study leave)

Akhtar Rasool
Lecturer (on study leave)

Dr. Muhammad Ashfaq
Lecturer

Saira Yasmeen
Lecturer (on deputation)

BS in Physics

Eligibility: At least 45% marks in HSSC (Part-I / II) of the following
I.Pre-Engineering or
II.ICS (Math, Physics) or
III.Pre-Medical (one deficiency course will be offered in 1st semester as additional subject for pre-medical students only)
IV. A Level (with Physics and Math)
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics*	
URCG-5123	Applications of Info. & Comm. Tech. (ICT)	3(2-1)
MATH-5101	Calculus-I	3(3-0)
PHYS-5101	Mechanics	3(3-0)
PHYS-5102	Waves and Oscillations	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
MATH-5115	Basic Mathematics (for Pre-medical students)	3(3-0)
		Total 21(19-2)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
MATH-5104	Calculus-II	3(3-0)
PHYS-5103	Introduction to Electromagnetism	4(3-1)
URCG-5128	Pakistan Studies	2(2-0)
		Total 17(16-1)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
MATH-5105	Linear Algebra	3(3-0)
PHYS-5104	Modern Physics	3(3-0)
PHYS-5105	Physics Lab-I	3(0-3)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 18(14-4)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
MATH-5109	Ordinary Differential Equations	3(3-0)
PHYS-5106	Theory of Thermodynamics	3(3-0)
PHYS-5107	Physics Lab-II	3(0-3)
		Total 16(12-4)
Semester-5		
PHYS-6109	Methods of Mathematical Physics-I	3(3-0)
PHYS-6110	Classical Mechanics-I	3(3-0)
PHYS-6111	Electromagnetism-I	3(3-0)
PHYS-6112	Electronics	3(3-0)

PHYS-6113	Electronics Lab	3(0-3)
		Total 15(12-3)
Semester-6		
PHYS-6114	Methods of Mathematical Physics-II	3(3-0)
PHYS-6115	Classical Mechanics–II	3(3-0)
PHYS-6116	Electromagnetism-II	3(3-0)
PHYS-6117	Quantum Mechanics-I	3(3-0)
PHYS-6118	Solid State Physics-I	3(3-0)
PHYS-6119	Modern Physics Lab	3(0-3)
		Total 18(15-3)
Semester-7		
PHYS-6120	Statistical Mechanics	3(3-0)
PHYS-6121	Atomic and Molecular Physics	3(3-0)
PHYS-6122	Plasma Physics	3(3-0)
PHYS-6123	Quantum Mechanics-II	3(3-0)
PHYS-6124	Solid State Physics-II	3(3-0)
PHYS-6125	Capstone Project	3(0-3)
		Total 18(15-3)
Semester-8		
PHYS-6126	Computational Physics	3(3-0)
PHYS-6127	Laser Physics	3(3-0)
PHYS-6128	Relativity and Cosmology	3(3-0)
PHYS-6129	Nuclear and Elementary Particle Physics	3(3-0)
PHYS-61xx	Optional Course	3(3-0)
		Total 15(15-0)

BS in Physics (5th Semester Intake)

Eligibility:
1.At least 45% mars in ADS (annual examination system) or equivalent qualification and 25% marks contribution of Physics and Mathematics courses each to the total marks (like 200/800) is compulsory)
2.At least 2.00 CGPA out of 4.00 in ADS (semester system) or equivalent qualification and 12 out of 60 credit hour of Physics and Mathematics courses each.
Duration: 2 Years
Semesters: 4
Degree Requirements: 72 credit hours

Code	Course Title	C/Hr.
Semester-1		
PHYS-6109	Methods of Mathematical Physics-I	3(3-0)
PHYS-6110	Classical Mechanics-I	3(3-0)
PHYS-6111	Electromagnetism-I	3(3-0)
PHYS-6112	Electronics	3(3-0)
PHYS-6113	Electronics Lab	3(0-3)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 16(12-4)
Semester-2		
PHYS-6114	Methods of Mathematical Physics-II	3(3-0)
PHYS-6115	Classical Mechanics-II	3(3-0)
PHYS-6116	Electromagnetism-II	3(3-0)
PHYS-6117	Quantum Mechanics-I	3(3-0)
PHYS-6118	Solid State Physics-I	3(3-0)
PHYS-6119	Modern Physics Lab	3(0-3)
		Total 18(15-3)
Summer		
PHYS-6108	Field Experience/Internship	3(0-3)
		Total 3(0-3)
Semester-3		
PHYS-6120	Statistical Mechanics	3(3-0)
PHYS-6121	Atomic and Molecular Physics	3(3-0)
PHYS-6122	Plasma Physics	3(3-0)
PHYS-6123	Quantum Mechanics-II	3(3-0)
PHYS-6124	Solid State Physics-II	3(3-0)
PHYS-6125	Capstone Project	3(0-3)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 19(15-4)
Semester-4		
PHYS-6126	Computational Physics	3(3-0)
PHYS-6127	Laser Physics	3(3-0)
PHYS-6128	Relativity and Cosmology	3(3-0)
PHYS-6129	Nuclear and Elementary Particle Physics	3(3-0)
PHYS-61xx	Optional Course	3(3-0)
		Total 15(15-0)

List of Optional Courses

PHYS-6129	Advanced Electronics	3(3-0)
PHYS-6130	Physical and Geometrical Optics	3(3-0)
PHYS-6131	Physics of Nanotechnologies	3(3-0)
PHYS-6132	Methods of Experimental Physics	3(3-0)
PHYS-6133	Introduction to Quantum Computing	3(3-0)
PHYS-6134	Particle Physics	3(3-0)



MPhil Physics

Eligibility: MSc Physics / BS Physics (4-Year) (16 years of education) in the relevant field from HEC recognized institution with at least CGPA 2.00 out of 4.00 + subject based entry test (minimum 50% marks) + interview
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements:
Research Track: 26 C/Hr. Course Work + 6 C/Hr. Thesis
Course Work Track: 26 C/Hr. Course Work + 6 C/Hr.

Code	Course Title	C/Hr.
Semester-1		
PHYS-61xx	To be selected from list (deficiency course)	3(3-0)
PHYS-7101	Methods of Mathematical Physics	3(3-0)
PHYS-7102	Methods & Techniques of Experimental Physics	3(3-0)
PHYS-71xx	To be selected from list	3(3-0)
PHYS-71xx	To be selected from list	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13-16
Semester-2		
PHYS-61xx	To be selected from list (deficiency course)	3(3-0)
PHYS-71xx	To be selected from Elective list	3(3-0)
PHYS-71xx	To be selected from Elective list	3(3-0)
PHYS-71xx	To be selected from Elective list	3(3-0)
PHYS-71xx	To be selected from Elective list	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13-16
Semester-3 to 4		
PHYS-61xx	To be selected from list (deficiency course)	3(3-0)
	Thesis	6(6-0)

PhD Physics

Eligibility: MPhil (Physics) / MS Physics or equivalent (18 years of education) in the relevant field from HEC recognized institution with at least CGPA 3.00 out of 4.00 or 1st dividion in annual system+ UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
PHYS-81xx	To be selected from elective list	3(3-0)
PHYS-81xx	To be selected from elective list	3(3-0)
PHYS-81xx	To be selected from elective list	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
PHYS-81xx	To be selected from elective list	3(3-0)
PHYS-81xx	To be selected from elective list	3(3-0)
PHYS-81xx	To be selected from elective list	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 to 8		
PHYS-8109	Thesis	



DEPARTMENT OF STATISTICS

FACULTY

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Associate Professor

Dr. Muhammad Amin
Associate Professor

Dr. Noureen Akhtar
Assistant Professor

Dr. Sadia Qamar
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Dr. Muhammad Zubair
Lecturer



Dr. Zahoor Ahmad
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BS in Statistics

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in HSSC (Part-I / II) Pre-Engineering / Pre-Medical / ICS / FA / I.Com / D.Com. or A-Level or equivalent or DAE (1st & 2nd Year).
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
STAT-5101	Introduction to Statistics	3(3-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5114	Basic Science	3(2-1)
URCG-5118	Functional English	3(3-0)
URCG-5123	Application of ICT	3(2-1)
MATH-5101	Calculus-I	3(3-0)
		Total 18(16-2)
Semester-2		
STAT-5102	Intro to Probability & Distributions	3(3-0)
STAT-5103	Introduction to Sampling Theory	3(3-0)
MATH-5102	Calculus- II	3(3-0)
URCG-5129/31	Understanding of Holy Quran- I/Ethics-I	1(0-1)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total (18(17-1)
Semester-3		
STAT-5104	Basic Statistical Inference	3(3-0)
STAT-5105	EDA and Visualization	3(3-0)
URCG-5112	Fables, Wisdom Literature and EPICS	2(2-0)
URCG-5105	Islamic Studies	2(2-0)
URCG-5126	Ethics (fornon-Muslims)	2(2-0)
URCG-5122	Ideology & Constitution of Pakistan	2(2-0)
STAT-5106	Official Statistics	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(0-1)
		Total 16(15-1)
Semester-4		
STAT-5107	Intro to Regression and ANOVA	3(3-0)
STAT-5108	Data Wrangling	3(3-0)
STAT-5109	Statistical Packages	3(3-0)
STAT-5110	Non-Parametric Methods	3(3-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5125	Civics & Community Engagement	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5130/32	Understanding of Holy Quran - II/Ethics-II	1(0-1)
		Total 19(17-2)
Semester-5		
STAT-6101	Probability Distributions	3(3-0)
STAT-6102	Design and Analysis of Experiments	3(3-0)
STAT-6103	Sampling Techniques	3(3-0)
STAT-6104	Biostatistics	3(3-0)

MATH-5127	Linear Algebra	3(3-0)
		Total 15(15-0)
Summer Semester		
STAT-6150	Internship	3(0-3)
Semester-6		
STAT-6105	Statistical Inference	3(3-0)
STAT-6106	Regression-Analysis	3(3-0)
STAT-61xx	Elective-I	3(3-0)
STAT-61xx	Elective-II	3(3-0)
CMPC-5203	Data base Systems	3(3-0)
		Total 15(15-0)
Semester-7		
STAT-6107	Programming in R and Python	3(3-0)
STAT-6108	Research Methodology	3(3-0)
STAT-6109	Statistical Quality Control	3(3-0)
STAT-61xx	Elective-III	3(3-0)
STAT-61xx	Elective IV	3(3-0)
		Total 15(15-0)
Semester-8		
STAT-6110	Applied Multivariate Analysis	3(3-0)
STAT-61xx	Elective V	3(3-0)
STAT-61xx	Elective VI	3(3-0)
STAT-61xx	Elective VII	3(3-0)
STAT-6170	Capstone Project	3(3-0)
		Total 15(15-0)

BS in Data Analytics

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in HSSC (Part-I / II) Pre-Engineering / Pre-Medical / ICS / FA / I.Com / D.Com. or A-Level or equivalent or DAE (1st & 2nd Year).
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies	2(2-0)
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	
URCG-5112	Fables, Wisdom Literature and EPICS	3(2-1)
DATA-5201	Introduction to Data Analytics	2(2-0)
DATA-5202	Basic Mathematics for Data Analytics	3(3-0)
URCG-5126	Ethics	3(3-0)
		Total 16(15-1)
Semester-2		
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
DATA-5203	Introduction of Probability Theory	3(3-0)
DATA-5204	Linear Algebra for Data Analytics	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG--5131	Ethics-I	
		Total 16(16-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
DATA-5205	Introduction to Data Science	3(3-0)
DATA-5206	Distribution Theory	3(3-0)
DATA-5207	Data Visualization	3(3-0)
		Total 17(17-0)
Semester-4		
URCG-5124	Entrepreneurship	2(2-0)
URCG-5114	Basic Science	3(2-1)
DATA-5208	Research Methods in Data Analytics	3(3-0)
DATA-5209	Statistical Inference	3(3-0)
DATA-5210	Computing Tools for Data Analytics	3(3-0)
DATA-5211	Sampling Theory and Practice	3(3-0)
URCG-5130	Understanding of Holy Quran OR	1(0-1)
URCG-5132	Ethics-II (For Non-Muslims)	
		Total 18(16-2)
Semester-5		
DATA-6201	Regression Modeling Strategies	3(3-0)
DATA-6202	Bayesian Analysis and Statistical Decision Making	3(3-0)
DATA-6203	Design of Experiments	3(3-0)
CSDE-5101	Introduction to Programming	3(3-0)
CSDE-5102	Introduction to Artificial Intelligence	3(3-0)
		Total 15(15-0)
Semester-6		
DATA-6204	Applied Time Series Analysis	3(3-0)
DATA-6205	Programming in R and Python	3(3-0)
DATA-6206	Multivariate Analysis	3(3-0)
CSDE-5103	Database Management Systems and Applications	3(3-0)
CSDE-5104	Data Structures and Algorithms	3(3-0)
		Total 15(15-0)
Summer Semester		
DATA-6225	Field Experience/Internship	3(0-3)
Semester-7		
DATA-6207	Introduction to Big Data Technologies	3(3-0)
DATA-6208	Introduction to Machine Learning	3(3-0)
DATA-6209	Simulation Techniques in Data Analytics	3(3-0)
DATA-6210	Business Analytics	3(3-0)

DATA-6211	Social Media Analytics	3(3-0)
DATA-6212	Data Driven Process Monitoring	3(3-0)
		Total 18(18-0)
Semester-8		
DATA-6213	Cloud Computing for Data Analytics	3(3-0)
DATA-6214	Introduction to Deep Learning	3(3-0)
DATA-6215	Health care Analytics	3(3-0)
DATA-6216	Geospatial Analytics	3(3-0)
DATA-6250	Capstone Project	3(3-0)
		Total 15(15-0)

BS in Statistics (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BA/BSc/ADA/ADS or equivalent with Statistics of 200 marks
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 72 credit hours

Code	Course Title	C/Hr.
Semester-1		
STAT-6101	Probability Distributions	3(3-0)
STAT-6102	Design and Analysis of Experiments	3(3-0)
STAT-6103	Sampling Techniques	3(3-0)
STAT-6104	Biostatistics	3(3-0)
MATH-5127	Linear Algebra	3(3-0)
STAT-5105	EDA and Visualization	3(3-0)
STAT-5106	Official Statistics	3(3-0)
		Total 15(15-0)
Semester-2		
STAT-6105	Statistical Inference	3(3-0)
STAT-6106	Regression Analysis	3(3-0)
STAT-61xx	Elective I	3(3-0)
STAT-61xx	Elective II	3(3-0)
CMPC-5203	Database Systems	3(3-0)
STAT-5107	Intro to Regression and ANOVA	3(3-0)
STAT-5108	Data Wrangling	3(3-0)
URCG-5129	Understanding of Holy Quran-I/Fehm-e- Quran – I	1(0-1)
URCG-5131	Ethics-I(for non-Muslims)	1(0-1)
		Total 15(15-0)
Semester-3		
STAT-6107	Statistical Programming using R and Python	3(3-0)
STAT-6108	Research Methodology	3(3-0)
STAT-6109	Statistical Quality Control	3(3-0)
STAT-61xx	Elective III	3(3-0)
STAT-61xx	Elective IV	3(3-0)
STAT-5109	Statistical Packages	3(3-0)
		Total 15(15-0)
Semester-4		
STAT-6110	Applied Multivariate Analysis	3(3-0)
STAT-61xx	Elective V	3(3-0)
STAT-61xx	Elective VI	3(3-0)
STAT-61xx	Elective VII	3(3-0)
STAT-6170	Capstone Project	3(0-3)
STAT-5110	Non-Parametric Methods	3(3-0)
URCG-5129	Understanding of Holy Quran-II/Fehm-e- Quran – II	1(0-1)
URCG-5132	Ethics-II (for non-Muslims)	1(0-1)
		Total 15(14-1)
Internship (Summer)		
STAT-6150	Internship (Internship will be preferably offered in summer break after 5th semester)	3(0-3)

MPhil Statistics

Eligibility: MSc/BS Statistics (16 years of education) with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements:
For Research Track: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
STAT-61XX	To be decided from the list of Deficiency courses*	3(3-0)
STAT-7101	Linear Models and Regression Analysis	3(3-0)
STAT-7102	Computational Statistics	3(3-0)
STAT-71XX	Elective-I	3(3-0)
STAT-71XX	Elective-II	3(3-0)
URCG-5129/31	Understanding of Holy Quran- I/FEthics-I	1(0-1)
		Total 13(12-1)
Semester-2		
STAT-61XX	To be decided from list of Deficiency courses*	3(3-0)
STAT-7103	Advanced Machine Learning Techniques	3(3-0)
STAT-71XX	Elective-III	3(3-0)
STAT-71XX	Elective-IV	3(3-0)
STAT-71XX	Elective-V	3(3-0)
URCG-5130/32	Understanding of Holy Quran- II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 to 4		
STAT-61xx	To be decided from the list of deficiency courses*	3(3-0)
	Thesis	6(0-6)

* For Intra-disciplinary admitted candidates only.

PhD Statistics

Eligibility: MPhil/MSc(Hons)/MS in Statistics (18-years of education) or equivalent degree with at least first division or CGPA=3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
STAT-7101	Linear Models*	3(3-0)
STAT-81XX	Course will be decided from list of Elective courses	3(3-0)
STAT-81XX	Course will be decided from list of Elective courses	3(3-0)
STAT-81XX	Course will be decided from list of Elective courses	3(3-0)
URCG-5129	Understanding of Holy Quran – I	1(0-1)
URCG-5131	Ethics – I (for non-Muslims)	
		Total 10(9-1)
Semester-2		
STAT-7102	Advanced Statistical Inference*	3(3-0)
STAT-81XX	Course will be decided from list of Elective courses	3(3-0)
STAT-81XX	Course will be decided from list of Elective courses	3(3-0)
STAT-81XX	Course will be decided from list of Elective courses	3(3-0)
URCG-5130	Understanding of Holy Quran – II	1(0-1)
URCG-5132	Ethics – II (for non-Muslims)	
		Total 10(9-1)
Semester-3 to 6		
STAT-7103	Survey Sampling	3(3-0)
	Thesis	6(0-6)
		Total 6(0-6)

* For Intra-disciplinary admitted candidates only.



DEPARTMENT OF
ZOOLOGY



Dr Muhammad Arshad
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Dr. Naunain Mehmood
Assistant Professor

Dr. Faiza Zubair
Assistant Professor

Dr. Iram Inayat
Assistant Professor

Dr. Muhammad Ali Kanwal
Assistant Professor

Dr. Naila Riaz
Lecturer

Dr. Huda Sarwar
Lecturer

BS in Zoology

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Medical or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
ZOOL-5101	Diversity of Invertebrates	3(2-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-0)
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies OR	2(2-0)
URCQ-5126	Ethics for non-Muslim students	
URCG-5123	Applications of Info. & Communication Tech.	3(2-1)
ZOOL-5105	Animal Form & Function-I (Comparative Anatomy)	3(2-1)
		15(12-3)
Semester-2		
ZOOL-5102	Cell Biology	3(2-1)
ZOOL-5103	Diversity of Chordates	3(2-1)
BOTN-5104	Biodiversity & Conservation	3(3-0)
URCG-5112	Fables, Wisdom Literature and EPICS OR	2(2-0)
URCG-5113	Space, Place and Experience	
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 19(17-2)
Semester-3		
ZOOL-5104	Animal Ecology	3(2-1)
ZOOL-5105	Animal Behavior	3(3-0)
AIDE-5205	Applied Artificial Intelligence	3(3-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 18(17-1)
Semester-4		
ZOOL-5107	Evolution	3(3-0)
ZOOL-5108	Animal Form & Function-II	3(2-1)
	(Comparative Physiology)	
ZOOL-5109	Entomology	3(2-1)
ZOOL-5110	Developmental Biology	3(2-1)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5115	The Science of Global Challenges	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
		Total 19(15-4)
Semester-5		
ZOOL-6111	Fisheries & Aquaculture	3(2-1)
ZOOL-6112	Marine Biology	3(3-0)
ZOOL-6113	Principles of Systematics Zoology	3(2-1)

ZOOL-6114	Principles of Biochemistry	3(2-1)
ZOOL-6115	Principles of Genetics	3(2-1)
ZOOL-6116	Biostatistics	3(3-0)
		Total 18(14-4)
Field Experience / Internship		
ZOOL-6120	Field Experience / Internship	3(0-3)
Semester-6		
ZOOL-6117	Zoogeography & Paleontology	3(2-1)
ZOOL-6118	Research Methodologies & Bioethics	3(3-0)
ZOOL-xxxx	Elective-I	3(2-1)
ZOOL-xxxx	Elective-II	3(2-1)
ZOOL-6119	Molecular Biology	3(2-1)
		Total 15(11-4)
Semester-7		
ZOOL-6121	Wildlife Conservation & Management	3(2-1)
ZOOL-6122	Economic Zoology	3(2-1)
ZOOL-xxxx	Elective-III	3(2-1)
ZOOL-xxxx	Elective-IV	3(2-1)
ZOOL-6123	Microbiology & Immunology	3(2-1)
		Total 15(15-5)
Semester-8		
ZOOL-xxxx	Elective-V	3(2-1)
ZOOL-xxxx	Elective-VI	3(2-1)
ZOOL-xxxx	Elective-VII	3(2-1)
ZOOL-6124	Computational Biology	3(2-1)
ZOOL-6125	Capstone	3(0-3)
		Total 15(8-7)

BS in Zoology (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BSc/ADS with Zoology (200 marks) as major subject.
Duration: 2 Years
Semesters: 4
Degree Requirements: 68 Credit hours

Code	Course Title	C/Hr.
Semester-1		
ZOOL-6109	Developmental Biology	4(3-1)
ZOOL-6110	Physiology	4(3-1)
ZOOL-6111	Evolution & Principles of Systematics	4(3-1)
CHEM-5103	Organic Chemistry	4(3-1)
ZOOL-5101/	Animal Diversity-I (Invertebrates/Cell & Molecular Biology)/	4(3-1)
ZOOL-5106	Cell and Molecular Biology	
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
		Total 17(12-5)
Semester-2		
ZOOL-6112	Research Methodology	2(2-0)
ZOOL-6113	Genetics	4(3-1)
BOTN-5102	Plant Systematics, Anatomy and Development	4(3-1)
ZOOL-6114	Wildlife	3(2-1)
ZOOL-6115	Biotechnology	3(2-1)
ZOOL-5102/	Animal Diversity-II (Chordates)/	4(3-1)
ZOOL-5108	Fisheries	3(2-1)
		Total 16(10-6)
Semester-3		
ZOOL-6116	Internship	3(0-3)
Semester-3		
ZOOL-6117	Biostatistics	3(3-0)
ZOOL-6118	Bioinformatics	3(2-1)
ZOOL-6119	Principles & Kinetics of Toxicology	3(2-1)
ZOOL-6120	Ecology	3(2-1)
ZOOL-6121	Capstone Project	3(3-0)
ZOOL-5103/	Animal Form & Function-I (A comparative Perspective)/	4(3-1)
ZOOL-5107	Biochemistry	
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 16(12-4)
Semester-4		
ZOOL-6122	Biological Techniques	3(2-1)
ZOOL-6123	Animal Behavior	3(3-0)
ZOOL-6124	Zoogeography & Paleontology	4(3-1)
ZOOL-6125	Entomology	3(2-1)
ZOOL-6126	Fundamental Microbiology	3(2-1)
ZOOL-5104/	Animal Form & Function-II/	4(3-1)/
ZOOL-5105/	Economics / Zoology /	3(2-1)/
ZOOL-5109	Seminar	1(1-0)
		Total 16(12-4)

MPhil Zoology

Eligibility: MSc/BS Zoology (16-years of education) with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
ZOOL-7101	Advanced Techniques in Zoological Sciences	3(2-1)
	Elective- I	3(x-x)
	Elective- II	3(x-x)
	Elective-III	3(x-x)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(x-x)
Semester-2		
ZOOL-7102	Research Design and Biostatistics	3(2-1)
	Elective-IV	3(x-x)

	Elective-V	3(x-x)
	Elective-VI	3(x-x)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(x-x)
Semester-3-4		
	Research Work and Thesis Write Up	6(0-6)

PhD Zoology

Eligibility: MPhil//MS/MSc(Hons) with research in the relevant subject having first division or CGP 3.0 out of 4.0 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
ZOOL-8101	Clinical Immunology	3(3-0)
ZOOL-8110	Advanced Cell and Molecular Biology	3(3-0)
ZOOL-8116	Bacterial Genetics	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
ZOOL-8104	Molecular Physiology	3(3-0)
ZOOL-8120	General Microbiology	3(3-0)
ZOOL-8123	Insect Physiology	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 to 6		
	Comprehensive Examination+Synopsis Defence+Research Work	



FACULTY OF
SOCIAL SCIENCES



Prof. Dr. Masood Sarwar Awan
Dean, Faculty of Social Sciences
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List of Departments/Institute/School

- Institute of Education
- Economics
- History and Pakistan Studies
- Malik Firoz Khan Noon Business School
- Politics and International Relations
- Psychology
- Social Work
- Sociology and Criminology

The Faculty of Social Sciences was created in 2013 at University of Sargodha. Since its inception, this faculty provides an avenue for the creation of knowledge through its unique blend of teaching and research. In a short span of time, it has become a leading centre for research and teaching in the social sciences and aims to provide students with a broader coherent intellectual base for understanding various contemporary economic, political, psychological and social issues especially those related to public and social policy. Through service-learning, field trips,exchange programs, lectures, seminars and conferences, students have been provided opportunities to experience the practical and theoretical integration of courses. The Faculty of Social Sciences comprises one school, one Institute and six departments that offer undergraduate, graduate and postgraduate programs. With its 6500 students, 200 full-time and visiting faculty, wide array of programs and research centers; the faculty is continuing to pursue the academic objectives of the University. The students are supervised by excellent researchers and undertake cutting-edge research in the areas of social sciences.

INSTITUTE OF EDUCATION



Dr. Muhammad Uzair ul Hassan
Associate Professor / Director

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Sir Syed Block

FACULTY

Dr Muhammad Nadeem Anwar
Associate Professor

Dr. Nargis Abbas
Associate Professor

Dr. Nazir Haider Shah
Associate Professor

Dr. Ahmad Bilal
Assistant Professor

Dr. Abdul Majeed Khan
Assistant Professor

Dr. Iram Parveen
Assistant Professor

Dr. Asma Khizar
Assistant Professor

Dr. Zunaira Fatima
Assistant Professor

Dr. Sahibzada Shamim-ur-Rasool
Assistant Professor

Dr. Ghazanfar Ali
Lecturer

Dr. Tariq Saleem Ghayyur
Lecturer

Dr. Misbah Iqbal
Lecturer

Dr. Ghulam Zainab
Lecturer

Dr. Saima Nasreen
Lecturer

Dr. Ghulam Muhammad
Lecturer

BS in Education

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 136-150 Credit Hours

Code	Course Title	
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information & Communication	3(2-1)
URCG-5129	Understanding of Holy Quran I or	1(0-1)
URCG-5131	Ethics I	
EDUC-5101	Introduction to Education	3(3-0)
EDUC-5102	Philosophy of Education	3(3-0)
EDUC-5103	Instructional Methods	3(3-0)
		Total 18(17-1)
Semester-2		
URCG-5112	Fables, Wisdom Literature and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
EDUC-104	Educational Psychology	3(3-0)
EDUC-105	Educational Assessment and Evaluation	3(3-0)
		Total 16(16-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of Holy Quran II / Ethics II	1(0-1)
EDUC-5106	Curriculum Development	3(3-0)
EDUC-5107	Child Development and Learning	3(3-0)
EDUC-5108	Educational Planning and Management	3(3-0)
		Total 18(17-1)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
EDUC-5109	Inclusive Education	3(3-0)
EDUC-5110	Digital Pedagogy and Educational Technology	3(3-0)
EDUC-5111	Teaching of English	3(3-0)
EDUC-5112	Teaching of Urdu	3(3-0)
		Total 19(18-1)
Semester-5		
EDUC-XXXX	Interdisciplinary Course – I	3(3-0)
EDUC-XXXX	Interdisciplinary Course – II	3(3-0)
EDUC-6101	Research Methods in Education	3(3-0)
EDUC-6103	Teaching of Social Studies and Islamic Studies	3(3-0)

EDUC-XXXX	Specialization Elective Course –I	3(3-0)
EDUC-XXXX	Specialization Elective Course- II	3(3-0)
		Total 18(18-0)
Semester-6		
EDUC-XXXX	Interdisciplinary Course – III	3(3-0)
EDUC-6102	Statistics & Data Analysis	3(3-0)
EDUC-6104	Teaching of Mathematics	3(3-0)
EDUC-6105	Teaching of Art, Crafts and Calligraphy	3(3-0)
EDUC-XXXX	Specialization Elective Course III	3(3-0)
		Total 15(15-0)
Semester-7		
EDUC-6206	Teaching of Science	3(3-0)
EDUC-XXXX	Interdisciplinary Course - IV	3(3-0)
EDUC-XXXX	Specialization Elective Course– IV	3(3-0)
EDUC-XXXX	Specialization Elective Course– V	3(3-0)
EDUC-XXXX	Specialization Elective Course– VI	3(3-0)
		Total 15(15-0)
Semester-8		
EDUC-6116	Practice Teaching – I	5(0-5)
EDUC-6117	Practice Teaching – II	6(0-6)
EDUC-6118	Internship	3(0-3)
EDUC-6119	Capstone Project	3(3-0)
		Total 17(3-14)



BS in Special Education

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 138-150 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information and Communication Technologies (ICT)	3(2-1)
SEDU-5301	Introduction to Special Education	3(3-0)
SEDU-5302	Adapting Curriculum and Instructions	3(3-0)
SEDU-5303	Human Growth & Development	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5112	Fables, Wisdom Literature and Epics	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5111	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5129/31	Understanding of Holy Quran – 1/Ethics-I	1(0-1)
SEDU-5104	Physical Education of Special Needs Students	3(3-0)
SEDU-5305	Sociology of Special Education	3(3-0)
SEDU-5306	Inclusive Education	3(3-0)
		Total 20(19-1)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
SEDU-5307	Human Exceptionalities	3(3-0)
SEDU-5108	Assessment of Disabilities	3(3-0)
SEDU-5109	Guidance, Counseling & Therapy	3(3-0)
		Total 17(17-0)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
SEDU-5310	Early Childhood Special Education	3(3-0)
SEDU-5311	Educational Psychology	3(3-0)
SEDU-5312	Introduction to Philosophy	3(3-0)
		Total 18(17-1)
Semester-5		
SEDU-6301	Language and Communication Disorders	3(3-0)
SEDU-6302	Digital Pedagogy and Educational Technology	3(3-0)
SEDU-6303	Transitional Planning	3(3-0)
SEDU-xxxx	Minor I	3(3-0)
SEDU-xxxx	Minor II	3(3-0)
xxxx-xxxx	Interdisciplinary Course I	3(3-0)
		Total 17(17-0)
Semester-6		
SEDU-6304	Production of Resource Material	3(3-0)
SEDU-6305	Statistics and Data Analysis	3(3-0)
SEDU-6306	Research Methods in Special Education	3(3-0)
SEDU-xxxx	Minor 3	3(3-0)
SEDU-xxxx	Minor 4	3(3-0)
xxxx-xxxx	Interdisciplinary Course II	3(3-0)
		Total 18(18-0)
Internship		
SEDU-5112	Field Experience / Internship	3(0-3)
Semester-7		
SEDU-6212	Thesis/Capstone Project	3(0-3)
SEDU-6213	Teaching Practice-I	6(0-6)
SEDU-6214	Teaching Practice-II	6(0-6)

xxxx-xxxx	Interdisciplinary Course-III	3(3-0)
		Total 18(15-3)
Semester-8		
SEDU-6307	Differentiated Instruction	3(3-0)
SEDU-6308	Administration and Management of Special Edu.	3(3-0)
SEDU-6309	Development and Implmentation of IEP	3(3-0)
SEDU-6310	Assistive Technology	3(3-0)
SEDU-6311	Differentiated Practices in Assessment	3(3-0)
xxxx-xxxx	Interdisciplinary Course IV	3(3-0)
		Total 18(18-0)

Bachelor of Education (B.Ed) 4-year

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 139-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information and Communication Technologies (ICT)	3(2-1)
URCG-5129	Understanding of Holy Quran I or	1(0-1)
URCG-5131	Ethics I	
EDUC-5201	Foundations of Education	3(3-0)
EDUC-5202	Inclusive Education	3(3-0)
EDUC-5203	Education for Sustainable Development	3(3-0)
		Total 18(16-2)
Semester-2		
URCG-5112	Fables, Wisdom Literature and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Fables, Wisdom Literature and EPICS	2(2-0)
URCG-5127	Science of Society-I	2(2-0)
URCG-5128	Exploring Quantitative Skills	3(3-0)
EDUC-5204	Seerat of the Holy Prophet (SAW)	1(1-0)
EDUC-5205	Pakistan Studies	2(2-0)
EDUC-5206	Educational Psychology	3(3-0)
	Educational Policies and Plans of Pakistan	3(3-0)
	Instructional Methods	3(3-0)
		Total 19(19-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130	Understanding of Holy Quran II or	1(0-1)
URCG-5132	Ethics II	
EDUC-5207	Contemporary Literacies	3(3-0)
EDUC-5208	Teaching Profession	3(3-0)
EDUC-5209	Critical Thinking and Reflective Practices	3(3-0)
		Total 18(17-1)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
EDUC-5210	School Management	3(3-0)
EDUC-5211	Curriculum Development	3(3-0)
EDUC-5213	Teaching of English	3(3-0)
EDUC-5214	Teaching of Urdu	3(3-0)
		Total 19(18-1)
Semester-5		
EDUC-XXXX	Interdisciplinary Course – I	3(3-0)
EDUC-XXXX	Interdisciplinary Course – II	3(3-0)
EDUC-6201	Educational Assessment & Evaluation	3(3-0)
EDUC-6203	Teaching of Social Studies and Islamic Studies	3(3-0)
EDUC-XXXX	Specialization Elective Course –I	3(3-0)
EDUC-XXXX	Specialization Elective Course- II	3(3-0)
		Total 19(18-1)
Semester-6		
EDUC-XXXX	Interdisciplinary Course – III	3(3-0)
EDUC-6202	Research Methods in Education	3(3-0)
EDUC-6204	Teaching of Mathematics	3(3-0)
EDUC-6205	Teaching of Art, Crafts and Calligraphy	3(3-0)
EDUC-XXXX	Specialization Elective Course III	3(3-0)
		Total 15(15-0)
Semester-7		
EDUC-6206	Teaching of Science	3(3-0)
EDUC-XXXX	Interdisciplinary Course - IV	3(3-0)
EDUC-XXXX	Specialization Elective Course– IV	3(3-0)
EDUC-XXXX	Specialization Elective Course– V	3(3-0)
EDUC-XXXX	Specialization Elective Course– VI	3(3-0)
		Total 15(15-0)
Semester-8		
EDUC-6216	Practice Teaching – I	5(0-5)
EDUC-6217	Practice Teaching – II	6(0-6)
EDUC-6218	Internship	3(0-3)
EDUC-6219	Capstone Project	3(3-0)
		Total 15(15-0)



BS in Education (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in graduation or ADA or equivalent qualification.
qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 73 Credit Hours

Code	Course Title	C/Hr.
List of Deficiency Courses		
EDUC-5101	Introduction to Education	3(3-0)
EDUC-5103	Instructional Methods	3(3-0)
EDUC-5104	Educational Psychology	3(3-0)
EDUC-5105	Educational Assessment and Evaluation	3(3-0)
EDUC-5106	Curriculum Development	3(3-0)

Note: Deficiency courses are non-credit, with each course carrying 3 credit hours in workload that are to be offered to students other than education background in ADP.

Semester-1		
EDUC-6101	Research Methods in Education	3(3-0)
EDUC-6103	Teaching of Social Studies and Islamic Studies	3(3-0)
EDUC-XXXX	Interdisciplinary Course – I	3(3-0)
EDUC-XXXX	Interdisciplinary Course – II	3(3-0)
EDUC-XXXX	Specialization Elective Course –I	3(3-0)
EDUC-XXXX	Specialization Elective Course- II	3(3-0)
EDUC-5101	Introduction to Education	3(3-0)
		Total 18(18-0)
Semester-2		
EDUC-6102	Statistics & Data Analysis	3(3-0)
EDUC-6104	Teaching of Mathematics	3(3-0)
EDUC-6105	Teaching of Art, Crafts and Calligraphy	3(3-0)
EDUC-XXXX	Interdisciplinary Course – III	3(3-0)
EDUC-XXXX	Applied Artificial Intelligence-IV	3(3-0)
EDUC-XXXX	Specialization Elective Course III	3(3-0)
EDUC-5103	Instructional Methods	3(3-0)
URCG-5129/31	Understanding of Holy Quran I/ Ethics-I	1(0-1)
		Total 19(18-1)
Semester-3		
EDUC-6206	Teaching of Science	3(3-0)
EDUC-XXXX	Interdisciplinary Course - V	3(3-0)
EDUC-XXXX	Specialization Elective Course– IV	3(3-0)
EDUC-XXXX	Specialization Elective Course– V	3(3-0)
EDUC-XXXX	Specialization Elective Course– VI	3(3-0)
EDUC-5104	Educational Psychology	3(3-0)
EDUC-5105	Educational Assessment and Evaluation	3(3-0)
		Total 15(15-0)
Semester-4		
EDUC-6116	Practice Teaching – I	5(0-5)
EDUC-6117	Practice Teaching – II	6(0-6)
EDUC-6118	Internship	3(0-3)
EDUC-6119	Capstone Project	3(0-3)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
EDUC-5106	Curriculum Development	3(3-0)
		Total 18(0-18)

Bachelor of Education (B.Ed) (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in graduation or ADA or equivalent qualification.
qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 72 Credit Hours

Code	Course Title	C/Hr.
List of Deficiency Courses		
EDUC-5201	Foundations of Education	3(3-0)
EDUC-5204	Educational Psychology	3(3-0)
EDUC-5207	Teaching Profession	3(3-0)
EDUC-5209	School Management	3(3-0)
EDUC-5210	Curriculum Development	3(3-0)

Note: Deficiency courses are non-credit, with each course carrying 3 credit hours in the workload. These are to be offered to students from non-education backgrounds and ADP graduates.

Semester-1		
EDUC-XXXX	Interdisciplinary Course – I	3(3-0)
EDUC-XXXX	Interdisciplinary Course – II	3(3-0)
EDUC-6201	Educational Assessment & Evaluation	3(3-0)
EDUC-6203	Teaching of Social Studies	3(3-0)
EDUC-XXXX	Specialization Elective Course –I	3(3-0)
EDUC-XXXX	Specialization Elective Course- II	3(3-0)
EDUC-5201	Foundations of Education	Non-credit
		Total 18(18-0)
Semester-2		
EDUC-XXXX	Interdisciplinary Course – III	3(3-0)
EDUC-6202	Research Methods in Education	3(3-0)
EDUC-6204	Teaching of Mathematics	3(3-0)
EDUC-6205	Teaching of Art, Crafts and Calligraphy	3(3-0)
EDUC-XXXX	Specialization Elective Course III	3(3-0)
URCG-5129	Understanding of Holy Quran I /	1(0-1)
URCG-5131	Ethics I	
EDUC-5204	Educational Psychology	Non-credit
		Total 16(15-1)
Semester-3		
EDUC-6206	Teaching of Science	3(3-0)
EDUC-XXXX	Interdisciplinary Course – IV	3(3-0)
EDUC-XXXX	Specialization Elective Course– IV	3(3-0)
EDUC-XXXX	Specialization Elective Course– V	3(3-0)
EDUC-XXXX	Specialization Elective Course– VI	3(3-0)
EDUC-5207	Teaching Profession	Non-credit
		Total 15(15-0)
Semester-4		
EDUC-6216	Practice Teaching – I	5(0-5)
EDUC-6217	Practice Teaching – II	6(0-6)
EDUC-6218	Internship	3(0-3)

EDUC-6219	Capstone Project	3(3-0)
URCG-5130	Understanding of Holy Quran II	1(0-1)
URCG-5132	Ethics II	
EDUC-5209	School Management	Non-credit
EDUC-5210	Curriculum Development	Non-credit
		Total 18(4-14)

BEd General (1.5 Year)

Eligibility: 16 years of Education (Academic Disciplines other than Education – all disciplines) with minimum Second Division.
Duration: 1.5 Years
Semesters: 3
Degree Requirements: 56 credit hours

Code	Course Title	C/Hr.
Semester-1		
EDUC-6401	Foundations of Education	3(3-0)
EDUC-6402	Inclusive Education	3(3-0)
EDUC-6403	Education for Sustainable Development	3(3-0)
EDUC-6404	Educational Psychology	3(3-0)
EDUC- XXXX	One Pedagogy course will be offered from pool of courses	3(3-0)
EDUC-XXXX	Course will be offered from pool of Interdisciplinary courses	3(3-0)
URCG-5129	Understanding of Holy Quran- I / Ethics- I	1(0-1)
		Total 19(18-1)
Semester-2		
EDUC-6405	Educational Policies and Plans of Pakistan	3(3-0)
EDUC-6406	Contemporary Literacies	3(3-0)
EDUC-6407	Teaching Profession	3(3-0)
EDUC-6408	Critical Thinking and Reflective Practices	3(3-0)
EDUC-6409	School Management	3(3-0)
EDUC-XXXX	Course will be offered from pool of Interdisciplinary courses	3(3-0)
		Total 18(18-0)
Semester-3		
EDUC-6410	Curriculum Development	3(3-0)
EDUC-6411	Educational Assessment and Evaluation	3(3-0)
EDUC-6412	Research Methods in Education	3(3-0)
URCG-5130	Understanding of Holy Quran- II / Ethics- II	1(0-1)
EDUC-6427	Practice Teaching – I	3(0-3)
EDUC-6428	Practice Teaching – II	3(0-3)
EDUC-6429	Capstone Project	3(3-0)
		Total 19(18-1)

BEd ELT (1.5 Year)

Eligibility: 16 years of Education (Academic Disciplines other than Education – all English language and literature disciplines) with minimum Second Division.
Duration: 1.5 Years
Semesters: 3
Degree Requirements: 56 credit hours

Code	Course Title	C/Hr.
Semester-1		
EDUC-6601	Philosophy of Language Teaching	3(3-0)
EDUC-6602	Curriculum Developing in ELT	3(3-0)
EDUC-6603	Assessment in ELT	3(3-0)
EDUC-6604	Educational Leadership	3(3-0)
EDUC-6605	Research Methods in ELT	3(3-0)
EDUC-6606	Educational Psychology	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(01-)
		Total 19(18-1)
Semester-2		
EDUC-6607	Teaching of Oral Skills	3(3-0)
EDUC-6608	Teaching of English Pronunciation	3(3-0)
EDUC-6609	Professionalism in Teacher Education in Pakistan	3(3-0)
EDUC-6610	Computer Assisted Language Learning (CALL)	3(3-0)
EDUC-6611	Academic Writing Skills	3(3-0)
EDUC-6612	Language Teaching Methods and Approaches	3(3-0)
		Total 18(18-0)
Semester-3		
EDUC-6613	Trends and issues in English Language Teaching	3(3-0)
EDUC-6614	Classroom Management and Micro-Teaching	3(3-0)
EDUC-6615	Teaching Practice for ELT	9(0-9)
EDUC-6616	Research Project	3(0-3)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 19(6-13)

BEd Science (1.5 Year)

Eligibility: 16 years of Education (Academic Disciplines other than Education – all science disciplines) with minimum Second Division.
Duration: 1.5 Years
Semesters: 3
Degree Requirements: 56 credit hours

Code	Course Title	C/Hr.
Semester-1		
EDUC-6501	Foundations of Science Education	3(3-0)
EDUC-6502	Curriculum Development is Science Education	3(3-0)
EDUC-6503	Assessment in Science Education	3(3-0)
EDUC-6504	Leadership in Science Education	3(3-0)
EDUC-6505	Research Methods in Science Education	3(3-0)
EDUC-6506	Educational Psychology	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 19(18-1)
Semester-2		
EDUC-6507	Sociology of Education	3(3-0)
EDUC-6508	Statistics in Science Education	3(3-0)
EDUC-6509	Professionalism in Science Teaching	3(3-0)
EDUC-6510	Teaching Strategies in Science Education	3(3-0)

EDUC-6511	ICT in Science Education	3(3-0)
EDUC-6512	Critical Thinking and Reflective Practices	3(3-0)
		Total 18(18-0)
Semester-3		
EDUC-6513	Laboratory Organization and Management	3(3-0)
EDUC-6514	Academic Writing	3(3-0)
EDUC-6515	Teaching Practice	12(0-12)
EDUC-6516	Research Project	3(0-3)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 19(3-16)



MPhil Education

Eligibility: MA/BEd (Hons) / BS 4-years in Education (16 years of Education) in the relevant field or equivalent degree from HEC recognized institution with at least Second Division or CGPA 2.00 out of 4.00 + Departmental test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
EDUC7101	Advanced Research Methods	3(3-0)
EDUC7102	Instrument Development	3(3-0)
EDUC7103	Data Analysis	3(3-0)
EDUC7104	Research Grant Writing & Proposal Development	3(3-0)
URCG-5129	Understanding of Holy Quran-I	1(0-1)
URCG-5131	Ethics-I	
		Total 13(12-1)
Semester-2		
xxxx-xxxx	Specialization/Elective-I	3(3-0)
xxxx-xxxx	Specialization/Elective-II	3(3-0)
xxxx-xxxx	Specialization/Elective-III	3(3-0)
xxxx-xxxx	Specialization/Elective-IV	3(3-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
URCG-5132	Ethics-II	
		Total 13(12-1)
Semester-3 & 4		
EDUC-7107	Thesis	6(0-6)

PhD Education

Eligibility: MPhil/MS Education or equivalent in the relevant field from HEC recognized institution with at least CGPA 3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
EDUC–8101	Philosophical Paradigms of Education	3(3-0)
EDUC -8102	Advance Research Methods	3(3-0)
EDUC–8103	Contemporary Trends in Education	3(3-0)
URCG–5129	Understanding of Holy Quran/Fehm-e-Quran – I	1(0-1)
URCG–5131	Ethics – I	
		Total 10(9-1)
Semester-2		
EDUC–8104	Topical Seminar on Research Designs	3(3-0)
xxxx-xxxx	Course-I	3(3-0)
xxxx-xxxx	Course-II	3(3-0)
URCG–5130	Understanding of Holy Quran/Fehm-e-Quran – II	1(0-1)
URCG–5132	Ethics – II	
		Total 10(9-1)
Note: Scholar will select any two from the following courses:		
EDUC–8105	Comparative Education	3(3-0)
EDUC–8106	Theories and Models of Curriculum Development	3(3-0)
EDUC–8107	Advance Educational Psychology	3(3-0)
EDUC–8108	Teacher Education	3(3-0)
EDUC–8109	Advance Educational Assessment and Evaluation Procedure	3(3-0)

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Assistant Professor

Dr. Saif Ullah
Assistant Professor

Dr. Touqeer Ahmad
Assistant Professor

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Lecturer

Zulfiqar Hussain Awan
Lecturer / Deputy Registrar

Faisal Nadeem Shah
Lecturer

Zeeshan Rasheed
Lecturer

BS in Economics

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105/	Islamic Studies	2(2-0)
URCG-5126	Ethics (For Non-Muslims Students)	
URCG-5123	Applications of Info. Communication Tech. (ICT)	3(2-1)
ECON 5101	Principles of Micro Economics	3(3-0)
ECON 5102	Principles of Macroeconomics	3(3-0)
ECON 5103	Islamic Economics	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5129/31	Understanding of Holy Quran-I /Ethics-I	1(0-1)
URCG-5112	Fables, Wisdom, and EPICS	2(2-0)
URCG-5116	Sciences of Society I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW) *	1(1-0)
ECON 5104	Intermediate Microeconomics	3(3-0)
ECON 5105	Intermediate Macroeconomics	3(3-0)
ECON 5106	Mathematical Economics I	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 20(19-1)
Semester-3		
URCE-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning –I	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
ECON 5107	Statistics for Economics-I	3(3-0)
ECON 5108	Development Economics	3(3-0)
ECON 5109	Political Economy and Global Order	3(3-0)
		Total 17(17-0)
Semester-4		
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
URCG-5114	Course-I: Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
ECON 5110	Statistics for Economics-II	3(3-0)
ECON 5111	Agriculture Economics	3(3-0)
ECON 5112	Environmental Economics	3(3-0)
		Total 17(15-2)
Semester-5		
SOC 106	Introduction to Sociology	3(3-0)
ECON 6113	Mathematical Economics II	3(3-0)
ECON 6114	Econometrics I	3(3-0)
ECON 6115	Poverty and Income Distribution	3(3-0)

EOCN 6116	Issues in Pak Economy	3(3-0)
		Total 15(15-0)
Semester-6		
ULAW 5130	Introduction to Law	3(3-0)
ECON 6117	Microeconomics	3(3-0)
ECON 6118	Econometrics-II	3(3-0)
ECON 6119	Managerial Economics	3(3-0)
ECON 6120	Energy Economics	3(3-0)
EOCN 6121	Research Methodology	3(3-0)
		Total 18(18-0)
Summer Semester		
INT 02	Internship	3(0-3)
Semester-7		
INTR 5101	Introduction to International Relations	3(3-0)
ECON 6122	Macroeconomics	3(3-0)
ECON 6123	Applied Economics	3(3-0)
ECON 6124	General Equilibrium and Welfare Economics	3(3-0)
ECON 6125	Public Finance	3(3-0)
		Total 15(15-0)
Semester-8		
PSYC 5101	Introduction to Psychology	3(3-0)
ECON 6126	International Trade Theory	3(3-0)
ECON 6127	Research Paper	3(3-0)
ECON 6128	Monetary Economics	3(3-0)
ECON 6129	Capstone Project	3(0-3)
		Total 15(15-0)



BS in Economics with Data Science

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or equivalent qualification.

Duration: 4 Years

Semesters: 8

Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105/26	Islamic Studies / Ethics	2(2-0)
URCG-5123	Introduction to Information Communication Tech.	3(2-1)
ECON 5101	Principles of Micro Economics	3(3-0)
ECON 5102	Principles of Macro Economics	3(3-0)
ECON 5103	Islamic Economics	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5129/30	Understanding of Holy Quran-I / Ethics-I	1(0-1)
URCG-5112	Fables, Wisdom, and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
ECON-5104	Intermediate Microeconomics	3(3-0)
ECON-5105	Intermediate Macroeconomics	3(3-0)
ECON-5106	Mathematical Economics-I	3(3-0)
		Total 18(17-1)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning-I	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
ECON 5107	Statistics for Economics-I	3(3-0)
ECON 5108	Development Economics	3(3-0)
ECON-5109	Political Economy and Global Order	3(3-0)
		Total 17(17-0)
Semester-4		
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
URCG-5114	Course-I: Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
ECON 5110	Statistical for Economics-II	3(3-0)
ECON 5111	Agriculture Economics	3(3-0)
ECON 5112	Environmental Economics	3(3-0)
		Total 17(16-1)
Semester-5		
SOCI-5106	Introduction to Sociology	3(3-0)
ECON-6113	Mathematical Economics-II	3(3-0)
ECON-6114	Econometrics-I	3(3-0)
ECON-6115	Poverty and Income Distribution	3(3-0)
ECON-6143	Seminars on Issues in Pakistan Economy	2(2-0)
ECON-6130	Introduction to Data Science with R	3(3-0)
		Total 17(17-0)
Semester-6		
ULAW-5130	Introduction to Law	3(3-0)
ECON-6117	Microeconomics	3(3-0)
ECON-6118	Econometrics-II	3(3-0)
ECON-6119	Managerial Economics	3(3-0)
ECON-61120	Energy Economics	3(3-0)
ECON-6121	Research Methodology	3(3-0)
ECON-6131	Introduction to Database Systems	3(3-0)
		Total 21(21-0)
Summer Semester		
	Internship	3(0-3)
Semester-7		
INTR-5101	Introduction to International Relations	3(3-0)
ECON-6122	Macroeconomics	3(3-0)

ECON -6123	Applied Economics	3(3-0)
ECON -6124	General Equilibrium and Welfare Economics	3(3-0)
ECON -6125	Public Finance	3(3-0)
ECON -6132	Data Mining	3(3-0)
		Total 18(18-0)
Semester-8		
PSYC-5101	Introduction to Psychology	3(3-0)
ECON-6126	International Trade Theory	3(3-0)
ECON-6127	Research Paper	3(3-0)
ECON-6128	Momentary Economics	3(3-0)
ECON-6129	Capstone Project	3(3-0)
ECON-6133	Applications of Data Science in Economics	3(3-0)
		Total 18(18-0)

BS in Economics (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BA/BSc/ADP/ADC/ADS or equivalent qualification.
Duration: 2 Years
Semesters: 4
Degree Requirements: 72 credit hours

Code	Course Title	C/Hr.
Semester-1		
ECON-6301	Principles of Microeconomics	3(3-0)
ECON-6302	Principles of Macroeconomics	3(3-0)
ECON-6303	Mathematical Economics I	3(3-0)
ECON-6304	Statistics for Economists	3(3-0)
ECON-6305	Islamic Economics	3(3-0)
ECON-6306	Major Issues in Pakistan's Economy	3(3-0)
		Total 18(18-0)
Semester-2		
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
ECON-6307	Intermediate Microeconomics	3(3-0)
ECON-6308	Intermediate Macroeconomics	3(3-0)
ECON-6309	Public Sector Economics	3(3-0)
ECON-6310	Managerial Economics	3(3-0)
ECON-6311	Development Economics, Theory and Policy	3(3-0)
ECON-6312	Mathematical Economics II	3(3-0)
		Total 18(18-0)
Semester-3		
ECON-6313	Econometrics I	3(3-0)
ECON-6314	Microeconomics	3(3-0)
ECON-6315	Financial Management for Business Firm	3(3-0)
ECON-6316	Agricultural Economics	3(3-0)
ECON-6317	Monetary Theory and Policy	3(3-0)
ECON-6318	Research Methodology	3(3-0)
		Total 18(18-0)
Semester-4		
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
ECON-6319	Econometrics II	3(3-0)
ECON-6320	Macroeconomics	3(3-0)
ECON-6321	Human Resource Development and Management	3(3-0)
ECON-6322	International Trade Theory & Finance	3(3-0)
ECON-6323	Investment and Project Appraisal	3(3-0)
ECON-6324	Economic Principles, Strategies & Techniques of Marketing	3(3-0)
		Total 19(18-1)



MPhil Economics

Eligibility: MA/MSc/BS(4-Year)/2-year BS Economics (5th Semester Intake) or equivalent degree (16-years of education) in the relevant field with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
ECON-7101	Micro Economics	3(3-0)
ECON-7102	Macro Economics	3(3-0)
ECON-7103	Mathematical Economics	3(3-0)
ECON-7104	Applied Econometrics	3(3-0)
ECON-7105	History of Economic Thought	3(3-0)
ECON-7106	Economics of Development Planning & Growth	3(3-0)
ECON-7107	Islamic Economics	3(3-0)
ECON-7108	Public Finance	3(3-0)
ECON-7109	Agricultural Policy	3(3-0)
ECON-7110	Economic Analysis and Evaluation of Agri. Development Projects	3(3-0)
ECON-7111	Agricultural Growth and Poverty	3(3-0)
ECON-7112	Mathematical Programming	3(3-0)
ECON-7113	Supply and Demand Analysis	3(3-0)
ECON-7114	Operational Research	3(3-0)
ECON-7115	Seminar	1(1-0)
ECON-7116	Special Problem	1(1-0)
ECON-7117	Labour Economics	3(3-0)
ECON-7118	Time Series Econometrics	3(3-0)
ECON-7119	International Trade	3(3-0)
ECON-7120	Research Methodology	3(3-0)
ECON-7121	Computer Applications for Social Sciences Gender & Development	2(2-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)

PhD Economics

Eligibility: MPhil/MSc(Hons)/MS in Economics (18-years of education) or equivalent degree with at least first division or CGPA=3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
ECON-8101	Advanced MicroEconomics	3(3-0)
ECON-8102	Advanced MacroEconomics	3(3-0)
ECON-8103	Advanced Applied Econometrics	3(3-0)
	Optional Courses	
ECON-8104	General Equilibrium and Welfare Economics	3(3-0)
ECON-8105	Advanced Agricultural Policy Analysis	3(3-0)
ECON-8106	Marketing Management	3(3-0)
ECON-8107	International Trade in Agricultural Commodities	3(3-0)
ECON-8108	International Marketing	3(3-0)
ECON-8109	Advertising, Sales Management and Promotion	3(3-0)
ECON-8110	The WTO Agreements: Marketing Concerns	3(3-0)
ECON-8111	Advanced Agricultural Price Analysis	3(3-0)
ECON-8112	Agribusiness Management	3(3-0)
ECON-8113	Advanced Marketing Management	3(3-0)
ECON-8114	Advanced International Trade	3(3-0)
ECON-8115	Small and Medium Enterprise Management	3(3-0)
ECON-8116	International Agribusiness Marketing & Trade Policy	3(3-0)
ECON-8117	Financial Management of Business Firms	3(3-0)
ECON-8118	Banking Laws and Regulations for Agribusiness	3(3-0)
ECON-8119	Seminar	1(1-0)
ECON-8120	Special Problem	1(1-0)
ECON-8121	Land Economics	3(3-0)
ECON-8122	Labour Economics	3(3-0)
ECON-8123	Environmental Economics	3(3-0)
ECON-8124	Environmental and Resource Policy	3(3-0)
ECON-8125	Energy Resource Economics	3(3-0)
ECON-8126	Resource Economics	3(3-0)
ECON-8127	Management of Natural Resources	3(3-0)
ECON-8128	Production and Operations Management	3(3-0)
ECON-8129	Advanced Production Economics	3(3-0)
ECON-8130	Operations Research Approach to Resource Economics	3(3-0)
ECON-8131	Development Economics	3(3-0)
ECON-8132	Rural Development	3(3-0)
ECON-8133	Human Resource Development	3(3-0)
ECON-8134	Financial Management	3(3-0)
ECON-8135	Monetary Economics	3(3-0)
ECON-8136	Money and Banking	3(3-0)
ECON-8137	Monetary Theory and Fiscal Policy	3(3-0)
ECON-8138	Urban and Regional Economics	3(3-0)
ECON-8139	Business Administration	3(3-0)
ECON-8140	Agricultural Finance	3(3-0)
ECON-8141	Managerial Economics	3(3-0)
ECON-8142	Human Resources Management	3(3-0)
ECON-8143	Computer Applications for Social Sciences	2(2-0)
ECON-8144	Mathematical Economics II	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)



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Lecturer

Ghazala Hayat
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BS in History

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3+0)
URCG-5105	Islamic Studies OR	2(2+0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2+1)
HIST-5111	Historiography	3(3+0)
HIST-5112	Ancient Indian History	3(3+0)
HIST-5113	Muslim History I (Pre-Prophet[PBUH] to the Pious Caliphate)	3(3+0)
		Total 17(17-0)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2(2+0)
URCG-5116	Science of Society-I	2(2+0)
URCG-5120	Exploring Quantitative Skills	3(3+0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1+0)
HIST-5114	History of Europe I (1453-1789)	3(3+0)
HIST-5115	Research Methodology	3(3+0)
HIST-5116	Muslim History II (Ummayads and Abbasides)	3(3+0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5129	Understanding of Holy Quran-I OR	1(0-1)
URCG-5131	Ethics-1	
		Total 20(20-0)
Semester-3		
URCG-5119	Expository Writing	3(3+0)
URCG-5121	Tools for Quantitative Reasoning	3(3+0)
URCG-5122	Ideology and Constitution of Pakistan	2(2+0)
HIST-5117	Philosophy of History	3(3+0)
HIST-5118	History of Europe II (1789-1919)	3(3+0)
HIST-5119	History of Muslim Rule in Spain (751-1491 AD)	3(3+0)
		Total 17(17-0)
Semester-4		
URCG-5114	Basic Science	3(2+1)
URCG-5124	Entrepreneurship	2(2+0)
URCG-5125	Civics and Community Engagement	2(2+0)
HIST-5120	History of Knowledge	3(3+0)
HIST-5121	Muslim Rule in South Asia (711-1526)	3(3+0)
HIST-5122	Public Policy and Governance in Pakistan	3(3+0)
URCG-5130	Understanding of Holy Quran-II OR	1(0-1)
URCG-5132	Ethics-II	
		Total 17(15-2)
Semester-5		
HIST-6140	History of the Great Mughals (1526-1707)	3(3+0)
HIST-6141	History of Ottoman Empire (1288-1924)	3(3+0)
HIST-6142	History of Central Asia	3(3+0)

INTR-5101	Introduction to International Relations	3(3+0)
GEOG-5101	Fundamentals of Geography	3(3+0)
		Total 15(15-0)
Semester-6		
HIST-6143	History of the Later Mughals and British	3(3+0)
	India (1707-1857)	
HIST-6144	History of Muslim Nationalism in	3(3+0)
	India (1858-1947)	
HIST-6145	History of the Punjab	3(3+0)
POLS-5101	Introduction to Political Science	3(3-0)
ECON-5112	Introduction to Economics	3(3-0)
URCG-5111	Translation of Holy Quran III	Non Credit
		Total 15(15-0)
Summer Semester		
HIST-6155	Field Experience/Internship	3(0-3)
Semester-7		
HIST-6146	History of Civilization	3(3+0)
HIST-6147	History of Muslim Culture and Civilization	3(3+0)
HIST-6148	British History I (1688-1850)	3(3+0)
HIST-6150	History of USA	
HIST-6154	Muslim Political Thought and Institutions	3(3+0)
		Total 15(15-0)
Summer Semester		
HIST-6155	Field Experience/Internship	3(0-3)
Semester-8		
HIST-6149	British History II (1850-2016)	3(3+0)
HIST-6151	History of Muslim Contribution to Science	3(3+0)
HIST-6152	History of China	3(3+0)
HIST-6153	History of Modern South Asia	3(3+0)
HIST-6156	Capstone Project	3(0+3)
URCG-5111	Translation of Holy Quran IV	Non Credit
		Total 15(12-3)

BS in Pakistan Studies

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 120-144 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3+0)
URCG-5105/	Islamic Studies OR	2(2+0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2+1)
PKST-5101	Independence Movement and the Creation of	3(3+0)
	Pakistan (1857-1947)	
PKST-5102	Land and People of Pakistan	3(3-0)
PKST-5103	Bureaucracy in Pakistan	3(3-0)
		Total 17(17-0)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2 (2+0)
URCG-5116	Science of Society-I	2(2+0)
URCG-5120	Exploring Quantitative Skills	3(3+0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1+0)
PKST -5104	Pakistan A Survey (1947-2020)	3(3+0)
PKST -5105	Foreign Policy of Pakistan	3(3+0)
PKST-5106	Research Methodology	3(3+0)
URCG-5128	Pakistan Studies	2(2+0)
URCG-5129/31	Understanding of Holy Quran-I OR Ethics-I	1(0-1)
		Total 20(19-1)
Semester-3		
URCG-5119	Expository Writing	3(3+0)
URCG-5121	Tools for Quantitative Reasoning	3(3+0)
URCG-5122	Ideology and Constitution of Pakistan	2(2+0)
PKST-5107	Economic Development of Pakistan	3(3+0)
PKST-5108	Pakistani Society and Culture	3(3+0)
PKST-5109	Pakistani Languages and Literature	3(3+0)
		Total 17(17-0)
Semester-4		
URCG-5114	Basic Science	3(2+1)
URCG-5124	Entrepreneurship	2(2+0)
URCG-5125	Civics and Community Engagement	2(2+0)
PKST-5110	Mass Media and Communication in Pakistan	3(3+0)
PKST-5111	Human Rights in Pakistan	3(3+0)
PKST-5112	Population, Settlement & Urbanization in Pakistan	3(3+0)
URCG-5130	Understanding of Holy Quran-II OR	1(0-1)
URCG-5132	Ethics-II	
		Total 17(16-1)
Semester-5		
PKST-6211	Social Change and Development in Pakistan	3(3-0)
PKST-6212	Political and Constitutional Developments	3(3-0)
	in Pakistan (1947-1971)	
PKST-6213	Geo-Political Significance of Pakistan	3(3-0)
POLS-5101	Introduction to Political Science	3(3-0)
PUNJ-5112	Punjabi Literature	3(3-0)
		Total 15(15-0)
Semester-6		
PKST-6214	Seminar on an Issue of National Importance	3(3-0)
PKST-6215	Political Parties and Civil Society	3(3-0)
PKST-6216	Political and Constitutional Developments	3(3-0)
	in Pakistan (1971-2020)	
INTR-5101	Introduction to International Relations	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
		Total 15(15-0)
Summer Semester		
HIST-6226	Field Experience/Internship	3(0-3)
Semester-7		
PKST-6217	Pakistan's National Security: External and	3(3+0)
	Internal Dimensions	

PKST-6218	Women Empowerment in Pakistan	3(3+0)
PKST-6219	Local Self Government in Pakistan	3(3+0)
PKST-6220	The Folk Cultures of Pakistan	3(3+0)
PKST-6221	Political Systems, Governments and Regimes in Pakistan (1947-2020)	3(3+0)
		Total 15(15-0)
Summer Semester		
HIST-6226	Field Experience/Internship	3(0+3)
Semester-8		
PKST-6222	Environmental Problems in Pakistan	3(3+0)
PKST-6223	Legal System of Pakistan	3(3+0)
PKST-6224	Crisis and Disaster Management in Pakistan	3(3+0)
PKST-6225	Pakistan and World Affairs	3(3+0)
PKST-6227	Capstone Project	3(0+3)
		Total 15(12-3)

BS in History (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in Graduation (BA/BSc/ADP) or equivalent qualification.
Duration: 2 Years
Semesters: 4
Degree Requirements: 69 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
HIST-6140	History of the Great Mughals (1526-1707)	3(3+0)
HIST-6141	History of Ottoman Empire (1288-1924)	3(3+0)
HIST-6142	History of Central Asia	3(3+0)
HIST-5111	Historiography*	3(3+0)
INTR-5101	Introduction to International Relations	3(3+0)
GEOG-5101	Fundamentals of Geography	3(3+0)
		Total 15(15-0)
Semester-2		
HIST-6143	History of the Later Mughals & British India (1707-1857)	3(3+0)
HIST-6144	History of Muslim Nationalism in India (1858-1947)	3(3+0)
HIST-6145	History of the Punjab	3(3+0)
HIST-5112	Ancient Indian History*	3(3+0)
POLS-5101	Introduction to Political Science	3(3+0)
ECON-5112	Introduction to Economics	3(3+0)
URCG-5129/ URCG-5131	Understanding of Holy Quran-I OR Ethics-I	1(0+1)
		16(15+1)
Semester-3		
HIST-6146	History of Civilization	3(3+0)
HIST-6147	History of Muslim Culture and Civilization	3(3+0)
HIST-6148	British History-I (1688-1850)	3(3+0)
HIST-6150	History of USA	3(3+0)
HIST-6154	Muslim Political Thought and Institutions	3(3+0)
HIST-5115	Research Methodology*	3(3+0)
HIST-5117	Philosophy of History*	3(3+0)
		Total 21(15-21)
Semester-4		
HIST-6149	History of Civilization	3(3+0)
HIST-6151	History of Muslim Culture and Civilization	3(3+0)
HIST-6152	British History-I (1688-1850)	3(3+0)
HIST-6153	History of USA	3(3+0)
HIST-6120	Muslim Political Thought and Institutions	3(3+0)
HIST-6156	Research Methodology*	3(3+0)
URCG-5130/ URCG-5132/	Understanding of Holy Quran-II OR Ethics-II	1(0+1)
		Total 19(18-1)

* For candidates having associate degree BA/BSc / ADP (Annual) in different fields

BS in Pakistan Studies (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in Graduation (BA/BSc/ADP) or equivalent qualification.
Duration: 2 Years
Semesters: 4
Degree Requirements: 69 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
PKST-6211	Social Change and Development in Pakistan	3(3+0)
PKST-6212	Political and Constitutional Developments in Pakistan (1947-1971)	3(3+0)
PKST-6213	Geo-Political Significance of Pakistan	3(3+0)
PKST-5101	Independence Movement and the Creation of Pakistan (1857-1947)*	3(3+0)
POLS-5101	Introduction to Political Science	3(3+0)
PUNJ-5112	Punjabi Literature	3(3+0)
		Total 18(18-0)
Semester-2		
PKST-6214	Seminar on an Issue of National Importance	3(3+0)
PKST-6215	Political Parties and Civil Society	3(3+0)
PKST-6216	Political and Constitutional Developments in Pakistan (1971-2020)	3(3+0)
PKST-5104	Pakistan A Survey (1947-2020)*	3(3+0)
INTR-5101	Introduction to International Relations	3(3+0)
GEOG-5101	fundamentals of Geography	3(3+0)
URCG-5129/ URCG-5131/	Understanding of Holy Quran-I OR Ethics-I	1(0+1)
		Total 19(18-1)
Summer Semester		
PKST-6226	Field Experience / Internship	3(0+3)
Semester-3		
PKST-6217	Pakistan's National Security: External and Internal Dimensions	3(3+0)

PKST-6218	Women Empowerment in Pakistan	3(3+0)
PKST-6219	Local Self Government in Pakistan	3(3+0)
PKST-6220	The Folk Cultures of Pakistan	3(3+0)
PKST-6221	Political Systems, Governments and Regimes in	3(3+0)
PKST-5106	Pakistan (1947-2020)	
	Research Methodology*	3(3+0)
PKST-5108	Pakistani Society and Culture*	3(3+0)
		Total 21(21-0)
Summer Semester		
PKST-6226	Field Experience / Internship	3(0+3)
Semester-4		
PKST-6222	Environmental Problems in Pakistan	3(3+0)
PKST-6223	Legal System of Pakistan	3(3+0)
PKST-6224	Crisis and Disaster Management in Pakistan	3(3+0)
PKST-6225	Pakistan and World Affairs	3(3+0)
PKST-5109	Pakistani Languages and Literature*	3(3+0)
PKST-6227	Capstone Project	3(0+3)
URCG-5130/	Understanding of Holy Quran-II OR	1(0+1)
URCG-5132	Ethics-II	
		Total 19(17-4)

* for candidates having associate degree / BA / BSc / ADP (Annual) in different field



MPhil History

Eligibility: MA/ MSc/ BS(4-Year) or equivalent (16-years of education) in the relevant field or equivalent degree with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
HIST-7101	Methods in Historical Research	3(3-0)
HIST-7102	A Specialized Study of a period or an institution or a personality in the History of South Asia	3(3-0)
HIST-7103	Historiography	3(3-0)
HIST-7104	A Specialized Study of a period or an institution or a personality in the History of Pakistan	3(3-0)
HIST-7105	A Specialized Study of a period or an institution or a personality in the History of Islam	3(3-0)
URCG-5129/30	Understanding of Holy Quran-I/Ethics-I	1(0-1)
Semester-2		
HIST-7106	Philosophy of History	3(3-0)
HIST-7107	A Specialized Study of a period or an institution or a personality in the History of Europe	3(3-0)
HIST-7108	A Specialized Study of a Muslim Political Movement in South Asia	3(3-0)
HIST-7109	A Seminar Course on a Personality/Issue/ Institution in the History of Pakistan	3(3-0)
HIST-7110	A Specialized Study of British Colonial Policies and Anti-Colonial Movements in the Punjab	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
A student has to select any four courses out of the above mentioned scheme in both first and second semesters separately.		
Semester-3-4		
	Research/Thesis	

PhD History

Eligibility: MS/MPhil (18-years of education) or equivalent degree with at least first division or CGPA=3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
HIST-7104	A Specialized Study of a period or an institution or a personality in the History of Pakistan	3(3-0)
HIST-8101	Seminar on the problems in Historical Research	3(3-0)
HIST-81xx	Elective-I	3(3-0)
HIST-81xx	Elective-II	3(3-0)
URCG-5129/30	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
HIST-7110	A Specialized Study of British Colonial Politics and Anti-colonial Movements in the Punjab	3(3-0)
HIST-8102	Seminar on a Philosopher of History or a School of Historiography	3(3-0)
HIST-81xx	Elective-III	3(3-0)
HIST-81xx	Elective-IV	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 to 6		
	Thesis/Dissertation	

DEPARTMENT OF

INTERNATIONAL RELATIONS



Dr Ashfaq Ahmed
Professor / Chairperson

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Farzad Ahmed Cheema
Assistant Professor

Dr. Muhammad Hatim
Assistant Professor

Syed Imran Abbas
Assistant Professor

Amir Bashir
Lecturer

Amin Abdus Samad
Lecturer

Rabia Iqbal
Lecturer

BS in International Relations

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Information and	3(2-1)
	Communication Technologies (ICT)	
INTR-5101	Introduction to International Relations	3(3-0)
INTR-5102	Theories of International Relations	3(3-0)
INTR-5103	Terrorism and Political Violence	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 18(16-2)
Semester-2		
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
INTR-5104	International Relations: 1648-1945	3(3-0)
INTR-5105	Foreign Policy Analysis	3(3-0)
INTR-5106	International Relations since 1945	3(3-0)
		Total 20(19-1)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
INTR-5107	Research methodology	3(3-0)
INTR-5108	International Law	3(3-0)
INTR-5109	International Organizations	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 17(17-0)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
INTR-5110	Diplomacy	3(3-0)
INTR-5111	Politics of the Middle East	3(3-0)
INTR-5112	China-Pakistan Relations	3(3-0)
		Total 17(15-2)
Summer Semester		
INTR-6139	Internship	
Semester-5		
INTR-6141	Western Political Thought	3(3-0)
INTR-6113	Defense and Strategic Studies	3(3-0)

INTR-6114	Foreign Policy of Pakistan	3(3-0)
INTR-6115	Conflict Resolution	3(3-0)
INTR-6116	Foreign Policy of USA	3(3-0)
		Total 15(15-0)
Semester-6		
INTR-6142	Political Geography	3(3-0)
INTR-6117	Comparative Politics	3(3-0)
INTR-6118	Arms Control and Disarmament	3(3-0)
INTR-6119	International Politics of South Asia	3(3-0)
INTR-6120	Government and Politics of Pakistan	3(3-0)
		Total 15(15-0)
Semester-7		
INTR-6121	Democracy: Theory and Practice	3(3-0)
INTR-6122	Foreign Policy of China	3(3-0)
INTR-6123	Research Report	3(3-0)
INTR-6143	International Political Economy	3(3-0)
INTR-6140	Capstone project	3(0-3)
		Total 15(12-3)
Semester-8		
INTR-6124	Area Focused Studies: Politics of Southeast Asia	3(3-0)
INTR-6125	Seminar Course	3(3-0)
INTR-6126	Dimensions of Modern Strategies	3(3-0)
INTR-6127	Non-traditional sources of conflict	3(3-0)
INTR-6144	Federalism in Pakistan	3(3-0)
		Total 15(15-0)



BS in International Relations (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BA/ADA and 50% marks in the subject of International Relations as elective. i.Candidates having Associate Degree or equivalent in the same field must have studied minimum 60 credit hours.
Duration: 2 Years
Semesters: 4
Degree Requirements: 68 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5103	English III (Academic Writing)	3(3-0)
INTR-6301	Theories of International Relations	3(3-0)
INTR-6302	Research Methodology	3(3-0)
INTR-6303	Foreign Policy of Pakistan	3(3-0)
INTR-6304	International Relations since 1945	3(3-0)
INTR-6305	Foreign Policy Analysis	3(3-0)
		Total 18(18-0)
Semester-2		
URCE-5109	Intro. to Info. & Communication Technologies	3(3-0)
INTR-6306	International Political Economy	3(3-0)
INTR-6307	Defence and Strategic Studies	3(3-0)
INTR-6308	Diplomacy	3(3-0)
INTR-6309	International Organization	3(3-0)
INTR-6310	International Law	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 19(18-1)
Semester-3		
INTR-6311	China-Pakistan Relations	3(3-0)
INTR-6312	Research Report	3(3-0)
INTR-6315	Foreign Policy of China	3(3-0)
INTR-6316	Foreign Policy of USA	3(3-0)
INTR-6317	Politics of Europe	3(3-0)
URCC-5110	Citizenship Edu. & Communication Engagement	NC
		Total 15(15-0)
Semester-4		
INTR-6312	Politics of Middle East	3(3-0)
INTR-6317	Political Geography	3(3-0)
INTR-6318	Politics of South Asia	3(3-0)
INTR-6319	Conflict Resolution	3(3-0)
INTR-6320	International Politics of Environment	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 16(15-1)

MPhil International Relations

Eligibility: BS/MA degree from recognized institution with at least 2nd division or 2.00 CGPA out of 4.00 in subjects under Faculty of Social Sciences and Law and other equivalent degree in relevant field as per HEC criteria + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
INTR-7101	Research Methodology	3(3-0)
INTR-7102	Theories of International Relations	3(3-0)
	Optional-I	3(3-0)
	Optional-II	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
INTR-7103	International Political Economy	3(3-0)
INTR-7104	Modern Strategy	3(3-0)
	Optional-III	3(3-0)
	Optional-IV	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 & 4		
	Thesis/Dissertation	6(0-6)
		Total 6(0-6)

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Dr. Haroon Hussain Professor	**Shahid Mahmood** Lecturer	**Abid Bin Shakir** Lecturer / DR	
Dr. Naveed Mushtaq Associate Professor	**Dr. Yasmeen Akhtar** Lecturer	**Babar Hameed** Lecturer / DR	
Dr. Naseer Abbas Khan Associate Professor	**Mehwish Rafique** Lecturer	**Muhammad Ali Mufti** Lecturer / DR	
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Rafiullah Bilal Assistant Professor	**Khurram Amin** Lecturer	**Javeria Islam** Lecturer / DR	
Madiha Riaz Assistant Professor (on leave)	**Dr. Shahid Rasheed** Lecturer (on leave)	**Salma Mukhtar** Lecturer / DR	
Dr. Abdul Qayyum Assistant Professor	**Waqar Ahmed** Lecturer	**Salman Hussain** Lecturer	
Dr. Shahid Mahmood Assistant Professor	**Muhammad Zubair Tariq** Lecturer (on leave)	**Hassan Umar** Lecturer / DR	
Dr. Muhammad Mubashar Assistant Professor	**Fahad Najeeb** Lecturer (on leave)	**Sardar Asim Naseer** Lecturer / DR	
Dr. Tehreem Fatima Assistant Professor	**Nimra Zia** Lecturer	**Ahsan Javaid** Lecturer / DR	
Kamran Iqbal Assistant Professor	**Dr. Muhammad Saqib Nawaz** Lecturer	**M. Mian Ali Noor** Lecturer (on leave)	
Dr. Asad Abbas Assistant Professor	**Ali Nawaz** Lecturer (on leave)	**Muhammad Shahid Iqbal** Lecturer (on leave)	
Dr. Matee-ur-Rehman Assistant Professor	**Humaira Nadeem** Lecturer	**Faiz Ahmed** Lecturer	
Kashif Ammar Lecturer	**Dr. Muhammad Haroon Rasheed** Lecturer	**Sadia Shaukat** Lecturer	

BBA

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 130 credit hours+internship viva voce

Code	Course Title	C/Hr.
Semester-1		
URCG-5120	Quantitative Reasoning-I	3(3+0)
URCG-5118	Functional English	3(3+0)
URCG-5123	Applications of Information and Communication Technologies	3(2+1)
BUSB-5106	Principles of Management	3(3+0)
BUSB-5109	Business Communication	3(3+0)
BUSB-5105	Business Law	3(3+0)
		Total 18(17-1)
Semester-2		
URCG-5121	Quantitative Reasoning-II	3(3+0)
BUSB-5121	Public Administration	2(2+0)
URCG-5119	Expository Writing	3(3+0)
URCG-5114	Basic Science	3(2+1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0+1)
BUSB-5107	Principles of Marketing	3(3+0)
BUSB-5102	Principles of Accounting	3(3+0)
		Total 18(16-2)

Semester-3		
HIST-5113	Islamic History	2(2-0)
URCG-5105	Islamic Studies	2(2-0)
URCG-5126	Religious Education / Ethics	
URCG-5128	Pakistan Studies	2(2-0)
URCG-5129	Understanding of Holy Quran-II	1(0-1)
URCG-5131	Ethics-II (for Non-Muslim Students	
BUSB-5104	Financial Accounting	3(3-0)
BUSB-5114	E-Commerce and Digital Business	3(3-0)
	Economics (Micro & Macro)	3(3-0)
		Total 16(15-1)
Semester-4		
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
BUSB-5110	Business Finance	3(3-0)
BUSB-5111	Managerial Accounting	3(3-0)
BUSB-5122	Digital Transformation and Innovation	3(3-0)
BUSB-5108	Human Resource Management	3(3-0)
		Total 18(18-0)
Semester-5		
BUSB-6101	Marketing Management	3(3-0)
BUSB-6102	Financial Management	3(3-0)
BUSB-6109	Business Research Methods	3(3-0)
BUSB-6121	Management Information Systems	3(3-0)
BUSB-6108	Operations and Production Management	3(3-0)
		Total 15(15-0)
Semester-6		
BUSB-6115	Strategic Management	3(3-0)
BUSB-6122	Islamic Finance	3(3-0)
BUSB-6123	CSR	3(3-0)
	Elective-I	3(3-0)
	Elective-II	3(3-0)
		Total 15(15-0)

Semester-7		
BUSB-6105	Organizational Behaviour	3(3-0)
BUSB-6124	AI in Business	3(3-0)
BUSB-6125	Supply Chain Management	3(3-0)
	Elective-III	3(3-0)
	Elective-IV	3(3-0)
BUSB-6163	Relevant Certification	3(0-3)
		Total 18(15-3)
Semester-8		
BUSB-6110	Digital Marketing	3(3-0)
	Elective-V	3(3-0)
	Elective-VI	3(3-0)
BUSB-6161	Capstone Project	3(3-0)
BUSB-6180	Internship/Field Experience	3
		Total 15

* Students shall be required to complete three credit hours of field experience or internship any time after completion of the 5th semester.

* BBA students are required to complete any relevant certification (equivalent to 3 credit hours in total) over the period of the four-year degree program as a mandatory condition for degree completion. A certification will be considered equivalent to 1 credit hour if it involves 16 hours of study. The respective department will guide students in selecting relevant certifications, ensuring alignment with current market needs and the program's objectives.

Specializations		
Finance		
BUSB-6131	Corporate Finance	3(3-0)
BUSB-6132	Financial Markets and Institutions	3(3-0)
BUSB-6133	Financial Statement Analysis	3(3-0)
BUSB-6134	Investment Analysis and Portfolio Management	3(3-0)
BUSB-6135	Risk Management and Insurance	3(3-0)
BUSB-6136	International Financial Management	3(3-0)
BUSB-6137	Fintech	3(3-0)
Human Resource Management		
BUSB-6141	Compensation and Benefits Management	3(3-0)
BUSB-6142	Employee Relation and Labor Law	3(3-0)
BUSB-6143	Leadership and Team Dynamics	3(3-0)
BUSB-6144	Negotiation and Conflict Management	3(3-0)
BUSB-6145	Performance Management Systems	3(3-0)
BUSB-6146	Training and Development	3(3-0)
Marketing		
BUSB-6151	Advertising and Promotional Strategies	3(3-0)
BUSB-6152	Brand Management	3(3-0)
BUSB-6153	Customer Relationship Management	3(3-0)
BUSB-6154	Consumer Behavior	3(3-0)
BUSB-6155	International Marketing	3(3-0)
BUSB-6156	Sales Management	3(3-0)

BS in Islamic Banking and Finance

Eligibility: At least 50% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 136 cr. hr. + internship + Capstone Project

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5120	Quantitative Reasoning-I	3(3-0)
URCG-5123	Application of Information & Communication Technologies (ICT)	3(2-1)
BUSB-5106	Principles of Management	3(3-0)
BUSB-5602	Introduction to Financial System & Banking Regulations	3(3-0)
BUSB-5603	Money Banking and Credit	3(3-0)
		Total 18(17-1)

Semester-2		
URCG-5121	Quantitative Reasoning-II	3(3-0)
BUSB-5121	Public Administration	2(2-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5114	Everyday Science	3(2-1)
URCG-5129	Fehm-e-Quran – I (for Muslim Students)	1(0-1)
URCG-5131	Ethics-I	
BUSB-5107	Principles of Marketing	3(3-0)
BUSB-5102	Principles of Accounting	3(3-0)
		Total 18(16-2)
Semester-3		
HIST-5113	Islamic History	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5130	Fehm-e-Quran – II (for Muslim Students)	1(0-1)
URGD-5132	Ethics-II	
BUSB-6105	Organizational Behaviour	3(3-0)
BUSB-5607	Financial Accounting	3(3-0)
BUSB-5608	Islamic Economics	3(3-0)
BUSB-5609	Auditing	3(3-0)
		Total 17(16-1)
Semester-4		
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5105	Islamic Studies (Religious Education	2(2-0)
URCG-5126	Ethics for non-Muslim students)	
BUSB-5610	Marketing Management	3(3-0)
BUSB-5611	Islamic Finance	3(3-0)
BUSB-5110	Business Finance	3(3-0)
		Total 17(17-0)
Semester-5		
BUSB-6601	Financial Management	3(3-0)
BUSB-6620	Business Law	3(3-0)
BUSB-6619	Economics (Micro, Macro)	3(3-0)
BUSB-6602	Human Resource Management	3(3-0)
BUSB-6603	Business Research Methods	3(3-0)
BUSB-6604	Managerial Accounting	3(3-0)
		Total 18(18-0)
Semester-6		
BUSB-6605	Digital Transformation and Innovation	3(3-0)
BUSB-6606	Digital Marketing	3(3-0)
BUSB-6607	Strategic Management	
BUSB-6621	MIS	3(3-0)
BUSB-6611	Elective-I	3(3-0)
BUSB-6612	Elective-II	3(3-0)
		Total 18(18-0)

Note: Students shall be required to complete three credit hours of field experience or internship any time after completion of the 5th semester. Credit Hours: 03

Semester-7		
BUSB-6608	AI in Business	3(3-0)
BUSB-6622	Inferential Statistics	3(3-0)
BUSB-6609	(Business & Management Relevant Certification) *	3(3-0)
BUSB-6613	Elective III	3(3-0)
BUSB-6614	Elective IV	3(3-0)
		Total 15(15-0)
Semester-8		
BUSB-6610	International Financial Management	3(3-0)
BUSB-6615	Elective V	3(3-0)
BUSB-6616	Elective VI	3(3-0)
BUSB-6618	Capstone Project	3(3-0)
BUSB-6617	Internship/Field Experience	3(3-0)
		Total 15(15-0)

* Students of BS programs under thematic areas of business and management are required to complete any relevant certification (equivalent to 3 credit hours in total) over the period of a four-year degree program as a mandatory condition for degree completion.

A certification will be considered equivalent to 1 credit hour if it involves 16 hours of study. The respective department will guide students in selecting relevant certifications, ensuring alignment with current market needs and the program's objectives.

BS in Entrepreneurship

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 138 credit hours + internship viva voce

Code	Course Title	C/Hr.
Semester-1		
URCG-5120	Quantitative Reasoning-I	3(3-0)
URCG-5118	Functional English	3(3-0)
URCG-5123	Applications for Information and Communication Technologies	3(2-1)
BUSB 5301	Principles of Management	3(3-0)
BUSB 5302	Business Model Innovation	3(3-0)
BUSB 5303	SME Management	3(3-0)
		Total 18(17-1)
Semester-2		
URCG-5121	Quantitative Reasoning-II	3(3-0)
BUSB-5121	Social Science (Public Administration)	2(2-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5114	Natural Science (Every Day Science)	3(2-1)
URCG-5129	Fehm-e-Quran – I (for Muslim Students)	1(0-1)
URCG-5131	Ethics-I	
BUSB-5107	Principles of marketing	3(3-0)
BUSB-5102	Principles of Accounting	3(3-0)
		Total 18(16-2)
Semester-2		
URCG-xxxx	Arts and Humanities (Islamic History)	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)

URCG-5130	Fehm-e-Quran – II (for Muslim Students)	1(0-1)
URGD-5132	Ethics-I	
BUSB-6105	Organizational Behavior	3(3-0)
BUSB 5307	Financial Accounting	3(3-0)
BUSB 5308	Digital Marketing	3(3-0)
BUSB 5309	Technoprenurship	3(3-0)
		Total 17(16-1)
Semester-4		
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5105	Islamic Studies	2(2-0)
URCG-5126	Ethics (for non-Muslim students)	
BUSB-5110	Business Finance	3(3-0)
BUSB 5311	Digital Transformation and Innovation	3(3-0)
BUSB 5312	Strategic Management	3(3-0)
		Total 18(18-0)
Semester-5		
BUSB 6313	Human Resource Management	3(3-0)
BUSB 6314	Financial Management	3(3-0)
BUSB-6620	Interdisciplinary Course-III (Business Law)	3(3-0)
BUSB-6619	Interdisciplinary Course-I (Economics)	3(3-0)
BUSB 6315	Marketing Management	3(3-0)
		Total 15(15-0)
Semester-6		
BUSB 6316	Islamic Finance	3(3-0)
BUSB-6621	Corporate Social Responsibility	3(3-0)
BUSB 6317	Business Research Methods	3(3-0)
BUSB 6318	Elective-I (Entrepreneurial Thinking and Mindset)	3(3-0)
BUSB 6319	Elective-II Legal & Regulatory Aspects of Startups	3(3-0)
		Total 15(15-0)

Note: Students shall be required to complete three credit hours of field experience or internship any time after completion of the 5th semester.

Semester-7		
BUSB 6320	AI in Business	3(3-0)
BUSB 6321	Managerial Accounting	3(3-0)
BUSB 6322	Digital Entrepreneurship	3(3-0)
BUSB 6323	(Business & Management Relevant Certification) *	3(3-0)
BUSB 6324	Elective-III (Startup Financing and Venture Capital)	3(3-0)
BUSB 6622	Business Communication	3(3-0)
		Total 18(18-0)
Semester-8		
BUSB 6325	Elective-IV (Design Thinking and Prototyping)	3(3-0)
BUSB 6325	Elective-V (Social Entrepreneurship)	3(3-0)
BUSB 6326	Elective-VI(Innovation and Change Management)	3(3-0)
BUSB 6350	Capstone Project	3(3-0)
BUSB 6351	Internship/Field Experience	3(0-3)
		Total 15(12-3)

BS in Commerce

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 135 credit hours + internship viva voce

Code	Course Title	C/Hr.
Semester-1		
BUSC-5121	Introduction to Commerce	3(3-0)
BUSC-5102	Fundamentals of Accounting	3(3-0)
PSYC-5101	Introduction to Psychology	3(3-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5118	Functional English	3(3-0)
URCG-5123	Applications of Information & Communication Technologies (ICT)	3(2-1)
URCG-5129/31	Understanding Holy Quran – I / Ethics I	1(0-1)
		Total 19(17-2)
Semester-2		
BUSC-5106	Business Economics	3(3-0)
BUSC-5104	Financial Accounting	3(2-1)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5114	Basic Science	3(2-1)
URCG-5130/32	Understanding of Holy Quran – II / Ethics II	1(0-1)
URCG-5127	Seerat of Holy Prophet (SAW)	1(1-0)
		Total 19(16-3)
Semester-3		
BUSC-5122	Principles of Management	3(3-0)
BUSC-5123	Introduction to Business Finance	3 (3-0)
BUSC-5107	Fundamentals of Cost Accounting	3 (3-0)
BUSC-5124	E Commerce	3 (2-1)
URCG-5112	Fables, Wisdom and Epics	2 (2-0)
URCG-5105	Islamic Studies / Ethics (for non-Muslim students)	2 (2-0)
URCG-5122	Ideology & Constitution of Pakistan	2 (2-0)
Semester-4		**Total 17(17-1)**
BUSC-5109	Principles of Auditing	3(3-0)
BUSC-5110	Business Taxation	3(3-0)
BUSC-5125	Digital Skills & Data Analytics inCommerce	3(1-2)
BUSC-5126	Principles of Marketing	3(3-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5125	Civics & Community Engagement	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
		Total 18(16-2)
Semester-5		
BUSC-6127	Mercantile Law	3(3-0)
BUSC-6128	Bank Operations & Practices	3(3-0)
BUSC-6129	Supply Chain Management	3(3-0)
BUSC-6130	Financial Management & Modeling	3(2-1)

BUSC-6143	Public Policy & Administration	3(3-0)
		Total 15(15-0)
Semester-6		
BUSC-6131	Managerial Accounting	3(3-0)
BUSC-6132	Research Methods in Commerce	3(3-0)
BUSC-6136	Advanced Financial Accounting	3(3-0)
BUSC-6137	Investment Analysis & Portfolio Management	3(3-0)
BUSC-6144	Project Management & Planning	3(3-0)
		Total 15(15-0)

Internship of 6-8 weeks 3 Cr Hrs after 6th during Summer Semester.

Semester-7		
BUSC-6133	Principles of Islamic Banking & Finance	3(3-0)
BUSC-6134	Trade Policies & Regulatory Framework	3(3-0)
BUSC-6138	Artificial Intelligence in Business	3(3-0)
BUSC-6139	Financial Statement Analysis	3(3-0)
BUSC-6146	Sustainable Development	3(3-0)
		Total 15(15-0)
Semester-8		
BUSC-6135	Enterprise Resource Planning & Business Technologies	3(1-2)
BUSC-6140	Human Resource Management	3(3-0)
BUSC-6141	Corporate Finance	3(3-0)
BUSC-6142	E-Commerce Business Models & Monetization	3(3-0)
BUSC-6151	Capstone Project	3(0-3)
		Total 15(10-5)



BS in Business Analytics

Eligibility: At least 50% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 130 cr. hr. + internship + Capstone Project

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5120	Quantitative Reasoning-I	3(3-0)
URCG-5123	Application of Information & Communication Technologies (ICT)	3(2-1)
BUSB-5106	Principles of Management	3(3-0)
BUSB-5402	Introduction to Business Analytics	3(3-0)
BUSB-5403	Big Data Analytics	3(3-0)
		Total 18(17-1)
Semester-2		
URCG-5121	Quantitative Reasoning-II	3(3-0)
BUSB-5121	Public Administration	2(2-0)
URCG-5119	Expository Writing	3(3-0)
URCG-5114	Everyday Science (UNI TITLE)	3(2-1)
URCG-5129	Fehm-e-Quran – I (for Muslim Students)	1(1-0)
BUSB-5107	Principles of Marketing	3(3-0)
BUSB-5102	Principles of Accounting	3(3-0)
		Total 18(17-1)
Semester-3		
HIST-5113	Islamic History/Foreign Language	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5130	Fehm-e-Quran – II (for Muslim Students)	1(0-1)
BUSB-6105	Organizational Behaviour	3(3-0)
BUSB-5407	AI in Business	3(3-0)
BUSB-5408	Financial Accountings	3(3-0)
BUSB-5409	Digital Marketing	3(3-0)
		Total 17(16-1)
Semester-4		
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5105	Islamic Studies OR	2(2-0)
URCG-5126	Religious Education / Ethics for non-Muslim students	
BUSB-5110	Business Finance	3(3-0)
BUSB-5411	Strategic Management	3(3-0)
BUSB-5412	Financial Management	3(3-0)
		Total 17(17-0)
Semester-5		
BUSB-6417	Business Law	3(3-0)
BUSB-6418	Economics (Micro, Macro)	3(3-0)
BUSB-6401	Human Resource Management	3(3-0)
BUSB-6402	Business Research Methods	3(3-0)
BUSB-6403	Managerial Accounting	3(3-0)
		Total 15(15-0)
Semester-6		
BUSB-6404	Islamic Finance	3(3-0)
BUSB-6405	Marketing Management	3(3-0)
BUSB-6419	MIS	3(3-0)
BUSB-6406	Elective-I	3(3-0)
BUSB-6407	Elective-II	3(3-0)
		Total 15(15-0)

Note: Students shall be required to complete three credit hours of field experience or internship any time after completion of the 5th semester. Credit Hours: 03

Semester-7		
BUSB-6420	CSR	3(3-0)
BUSB-6408	Business Analytics in Python	3(3-0)

BUSB-6409	(Business & Management Relevant Certification)*	3(3-0)
BUSB-6410	Elective III	3(3-0)
BUSB-6411	Elective IV	3(3-0)
		Total 15(15-0)
Semester-8		
BUSB-6412	Digital Transformation and Innovation	3(3-0)
BUSB-6413	Elective V	3(3-0)
BUSB-6414	Elective VI	3(3-0)
BUSB-6415	Capstone Project	3(3-0)
BUSB-6416	Internship/Field Experience	3(3-0)
		Total 15(15-0)

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Electives:

1.Business Analytics and Decision Science

2.Data Mining for Business Intelligence

3.Machine Learning for Business Decision Making

4.Predictive Analytics and Forecasting

5.Business Analytics in Supply Chain

6. ERP (Enterprise Resource Planning)



BS in Accounting and Finance

Eligibility: At least 50% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 130 cr. hr. + internship + Capstone Project

Code	Course Title	C/Hr.
Semester-1		
URCG-5120	Quantitative Reasoning-I	3(3-0)
URCG-5118	Functional English	3(3-0)
URCG-5123	Applications of Info. & Communication Tech.	3(2-1)
BUSB-5106	Principles of Management	3(3-0)
BUSB-5711	Introduction to Business	3(3-0)
BUSB-5102	Principles of Accounting	3(3-0)
		Total 18(17-1)
Semester-2		
URCG-5121	Quantitative Reasoning-II	3(3-0)
BUSB-5121	Public Administration	2(2-0)
URCG-5119	Expository Writing	3(3-0)
URCG-6116	Science of Climate Change /Everyday Science	3(2-1)
URCG-5129	Fehm-e-Quran – I (for Muslim Students)	1(0-1)
BUSB-5705	Financial Accounting	3(3-0)
BUSB-5701	Economics (Micro, Macro)	3(3-0)
		Total 18(16-2)
Semester-3		
URCG-xxxx	Islamic History / Foreign Language	2(2-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5130	Fehm-e-Quran – II (for Muslim Students)	1(0-1)
URCG-5132	Ethics-II (for non-muslims)	
BUSB-5107	Principles of Marketing	3(3-0)
BUSB-6105	Organizational Behaviour	3(3-0)
BUSB-5712	Cost Accounting	3(3-0)
BUSB-5702	Data Analytics	3(3-0)
		Total 17(16-1)
Semester-4		
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-xxxx	Islamic Studies	2(2-0)
	Religious Education / Ethics for non-Muslim students	
BUSB-5110	Business Finance	3(3-0)
BUSB-5709	Marketing Management	3(3-0)
BUSB-5713	Advanced Accounting	3(3-0)
		Total 17(17-0)
Semester-5		
BUSB-6703	Human Resource Management	3(3-0)
BUSB-6704	Financial Management	3(3-0)
BUSB-6702	Business Law	3(3-0)
BUSB-6707	Digital Marketing	3(3-0)
BUSB-6708	Management Accounting	3(3-0)
		Total 15(15-0)

Note: Students shall be required to complete three credit hours of field experience or internship any time after completion of the 5th semester.

Semester-6		
BUSB-6709	Strategic Management	3(3-0)
BUSB-6705	Digital Transformation and Innovation	3(3-0)
BUSB-6701	Freelancing /SDGs	3(3-0)
BUSB-67XX	Elective-I	3(3-0)
BUSB-67XX	Elective-II	3(3-0)
		Total 15(15-0)
Semester-7		
BUSB-6706	Business Research Methods	3(3-0)
BUSB-6710	AI in Business	3(3-0)
BUSB-6711	HEI Decided Domain Course-VIII	

	(Business & Management Relevant Certification) *	
BUSB-67XX	Elective-III	3(3-0)
BUSB-67XX	Elective-IV	3(3-0)
		Total 15(15-0)
Semester-8		
BUSB-6712	Islamic Finance	3(3-0)
BUSB-67XX	Elective-V	3(3-0)
BUSB-67XX	Elective-VI	3(3-0)
BUSB-6713	Capstone Project	3(3-0)
BUSB-6714	Internship/Field Experience	3(0-3)
		Total 15(12-3)

* Students of BS programs under thematic areas of business and management are required to complete any relevant certification (equivalent to 3 credit hours in total) over the period of a four-year degree program as a mandatory condition for degree completion. A certification will be considered equivalent to 1 credit hour if it involves 16 hours of study. The respective department will guide students in selecting relevant certifications, ensuring alignment with current market needs and the program's objectives.



BBA (after 14-years schooling)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in graduation (Business, Commerce or relevant) or ADC (Business / Commerce) B.Com (2-year).
Duration: 2 Years
Semesters: 5
Degree Requirements: 77 credit hours + internship viva voce

Code	Course Title	C/Hr.
Semester-1		
PSYC-5101	Introduction to Psychology	3(3-0)
POLS-6107	Introduction to International Relations	3(3-0)
BUSB-6501	Business Management	3(3-0)
BUSB-6502	Financial Management	3(3-0)
BUSB-6503	Managerial Accounting	3(3-0)
BUSB-6504	Principles of Marketing	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 19(18-1)
Semester-2		Non Credit
URCG-5111	Translation of The Holy Quran-III	
BUSC-6201	Logic and Critical Thinking	3(3-0)
MCOM-5101	Introduction to Conventional and Digital Communication	3(3-0)
BUSB-6505	Human Resource Management	3(3-0)
BUSB-6506	Managerial Economics	3(3-0)
BUSB-6507	Marketing Management	3(3-0)
BUSB-6508	Business Research Methods	3(3-0)
		Total 18(18-0)
Summer Semester		3(0-3)
BUSB-5150	Internship	
Semester-3		
BUSB-6509	Production and Operations Management	3(3-0)
BUSB-6510	Business Inferential Analysis	3(3-0)
BUSB-6511	Business Ethics	3(3-0)
BUSB-6512	Entrepreneurship	3(3-0)
BUSB-6513	Advertising and Promotion	3(3-0)
BUSB-6514	Corporate Finance	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 19(18-1)
Semester-4		
URCG-5111	Translation of The Holy Quran-IV	Non Credit
BUSB-6515	Organizational Behavior	3(3-0)
BUSB-6516	Strategic Management	3(3-0)
BUSB-6517	E-commerce and Digital Marketing	3(3-0)
BUSB-6518	Supply Chain Management	3(3-0)
BUSB-6519	Investment and Portfolio Analysis	3(3-0)
BUSB-6120	Capstone Project	3(0-3)
		Total 18(12-3)

Executive MBA (Weekend Program)

Eligibility: For admission in Executive MBA (EMBA) program; The candidate is required to have at least 45% marks or as per university admission policy. Candidate has to qualify the admission test (at least 50% marks).
The candidate must have 3 years of professional experience.
Duration: 2 Years
Semesters: 4
Degree Requirements: 72 credit hours + viva voce

Code	Course Title	C/Hr.
Semester-1		
BUSM 7328	Business Organization Management	3(3-0)
BUSM 7381	Business Communication and Report Writing	3(3-0)
BUSM 7331	Business Economics	3(3-0)
BUSM 7333	Accounting for Decision Making	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)

Semester-2		
BUSM 7334	Human Resource Management	3(3-0)
BUSM 7336	Marketing Management	3(3-0)
BUSM 7332	Quantitative Techniques in Business	3(3-0)
BUSM 7339	Cost and Management Accounting	3(3-0)
		Total 12(12-0)
Summer Semester		
BUSM 7335	Financial Management	3(3-0)
BUSM 7338	Research Methodology and Data Analysis	3(3-0)
		Total 6(6-0)
Semester-3		
BUSM 7378	E-Commerce and Digital Marketing	3(3-0)
BUSM 7344	Supply Chain and Logistic Management	3(3-0)
BUSM 7382	Entrepreneurship and SME Management	3(3-0)
BUSM 7337	Managerial Economics	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-4		
BUSM 7359	Investment and Portfolio Management	3(3-0)
BUSM 7383	International Business	3(3-0)
BUSM 7341	Strategic Management	3(3-0)
BUSM 7384	Corporate Governance	3(3-0)
		Total 12(12-0)
Summer Semester-2		
BUSM 7385	Leadership and Change Management	3(3-0)
BUSM 7372	Brand Management	3(3-0)
		Total 6(6-0)

MBA 1.5 years (for relevant qualification)

Eligibility: At least 50% marks in BBA (4-Year)/B.Com (4-Year) / M.Com 2-Years / MBA 2-Years + Internal Admission Test (with at least 50% passing marks)
Degree Requirements: 35 credit hours - research project or thesis
Note: Duration of MBA shall be 1.5 years for candidates having relevant qualification.

Code	Course Title	C/Hr.
Semester-1		
BUSM-7101	Business Strategy in the Digital Era	3(3-0)
BUSM-7102	Macroeconomics and Global Economy	3(3-0)
BUSM-7103	Market Research	3(3-0)
BUSM-7104	Data Analysis and Modeling	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
xxxx-xxxx	Elective I	3(3-0)
xxxx-xxxx	Elective II	3(3-0)
xxxx-xxxx	Elective III	3(3-0)
xxxx-xxxx	Elective IV	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 (with Course Work)		
BUSM-7105	Islamic Finance	3(3-0)
	Elective-V	3(3-0)
	Elective-VI	3(3-0)
		Total 9(9-0)
Semester-3 (with Research Project)		
BUSM-7105	Islamic Finance	3(3-0)
	Elective-VII	3(3-0)
	Research Project	3(3-0)
		Total 9(9-0)
Semester-3 (with Thesis)		
BUSM-7105	Islamic Finance	3(3-0)
	Research Thesis	6(0-6)
		Total 9(3-6)

MBA 2 years (for non-relevant qualification)

Eligibility: Candidates with an undergraduate degree (comprising 16 years of qualification) in any field other than Business and Management (at least 50% marks) are eligible for admission + Internal Admission Test (with at least 50% passing marks)
Degree Requirements: 65 credit hours - research project or thesis
Note: Duration of MBA shall be 2 years for candidates having non-relevant qualification.

Code	Course Title	C/Hr.
Semester-1		
BUSM-7401	Financial Accounting	3(3+0)
BUSM-7402	Microeconomics	3(3+0)
BUSM-7403	Business Finance	3(3+0)
BUSM-7404	Professional Communication	2(2+0)
BUSM-7405	Data Analysis and Modeling	3(3+0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 15(14-1)
Semester-2		
BUSM-7406	Cost & Managerial Accounting	3(3+0)
BUSM-7407	Financial Management	3(3+0)
BUSM-7408	Organizational Behavior & HRM	3(3+0)
BUSM-7409	Marketing Management	3(3+0)
BUSM-7410	Supply Chain Management	3(3+0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 16(15-1)
Semester-3 (with Course Work)		
BUSM-7411	Information Innovation & Technology	2(2+0)
BUSM-7412	Market Research	3(3+0)
BUSM-7413	Business Strategy in the Digital Era	3(3+0)
BUSM-7414	Macroeconomics and Global Economy	3(3+0)
BUSM-7415	Business Ethics & Legal Compliance	2(2+0)
	Elective-I	3(3-0)
		Total 16(16-0)

Semester-4 (with Course Work)		
BUSM-7416	Islamic Finance	3(3-0)
	Elective II	3(3-0)
	Elective III	3(3-0)
	Elective IV	3(3-0)
	Elective V	3(3-0)
	Elective VI	3(3-0)
		Total 18(18-0)
Semester-4 (with Research Project)		
BUSM-7416	Islamic Finance	3(3-0)
	Elective II	3(3-0)
	Elective III	3(3-0)
	Elective IV	3(3-0)
	Elective V	3(3-0)
BUSM-7417	Research Project	3(0-3)
		Total 18(15-3)
Semester-4 (with Research Thesis)		
BUSM-7416	Islamic Finance	3(3-0)
	Elective II	3(3-0)
	Elective III	3(3-0)
	Elective IV	3(3-0)
BUSM-7418	Research Thesis	6(0-6)
		Total 18(12-6)



MS Management Sciences **(Weekend)**

Eligibility: At least 45% marks or 2.00 CGPA out of 4.00 in terminal degree (relevant) + Internal Admission Test (with at least 50% passing marks)
Duration: 1.5 Years
Semesters: 3
Degree Requirements: 32 credit hours

Code	Course Title	C/Hr.
Semester-1		
BUSM-7201	Applied Research Design and Methods	3(3-0)
BUSM-7202	Contemporary Business Strategy in the Digital Era	3(3-0)
BUSM-72xx	Elective - I	3(3-0)
BUSM-72xx	Elective-I I	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
BUSM-7203	Applied Data Analysis	3(3-0)
BUSM-7204	Management Theory and Practice	3(3-0)
BUSM-72xx	Elective-III	3(3-0)
BUSM-72xx	Elective-IV	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3		
BUSM-72xx	Elective-V	3(3-0)
	Thesis-I	6(0-6)
Semester-4		
	Thesis	

PhD Management Sciences **(Weekend)**

Eligibility: At least 3.00 CGPA in terminal degree (18 year of education) + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR
HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
BUSM-8101	Research and Proposal Writing	3(3-0)
BUSM-xxxx	To be Selected from Elective Courses List	3(3-0)
BUSM-xxxx	To be Selected from Elective Courses List	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
BUSM-8102	Contemporary Theoretical Perspective in Management	3(3-0)
BUSM-xxxx	To be Selected from Elective Courses List	3(3-0)
BUSM-xxxx	To be Selected from Elective Courses List	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 & onward		
	*Thesis	

*The Thesis will be offered in the fields of Finance, Management, or Marketing.

DEPARTMENT OF POLITICAL SCIENCE

FACULTY

Dr. Asia Saif Alvi
Associate Professor

Dr. Muhammad Azam
Assistant Professor

Dr. Adeel Irfan
Assistant Professor

Hafiz Muhammad Umer
Lecturer

Dr. Misbah Shaheen
Lecturer (on leave)

Mehreen Yaseen
Lecturer



Dr Asia Saif Alvi
Associate Professor / Chairperson

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BS in Political Science

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
POLS-5101	Introduction to Political Science	3 (3+0)
POLS-5102	Democracy: Theory and Practice	3 (3+0)
POLS-5103	Political Systems	3 (3+0)
		Total 17(16-1)
Semester-2		
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
URCG-5112	Fables, Wisdom and EPICS	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5128	Pakistan Studies	2(2-0)
POLS-5104	Introduction to Political Theory	3(3+0)
POLS-5105	Western Political Thought-I	3(3+0)
POLS-5106	Western Political Thought-II	3(3+0)
		Total 20(19-1)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
POLS-5107	Muslim Political Thought	3(3+0)
POLS-5108	Comparative Politics	3(3+0)
POLS-5109	Foreign Policy of Pakistan	3(3+0)
		Total 17(17-0)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
POLS-5110	Research Methodology	3(3+0)
POLS-5111	Political Economy	3(3+0)
POLS-6101	Government and Politics of Pakistan	3(3+0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 17(15-2)
Summer Semester		
POLS-6134	Internship	3(0-3)
Semester-5		
POLS-6140	International Organizationz	3(3-0)
POLS-6101	Federalism in Pakistan	3(3-0)
POLS-6102	Pakistan Movement	3(3-0)

POLS-6103	Introduction to IR	3(3-0)
POLS-6110	Comparative Political Systems of Dev. Nations	3(3-0)
		Total 15(15-0)
Semester-6		
POLS-6142	Defense & Strategic Studies	3(3-0)
POLS-6111	Comparative Political Systems of	3(3+0)
	Developing Nations	
POLS-6125	Sources & Dynamics of Political Change	3(3+0)
POLS-6104	Political Parties & Pressure Groups in Pakistan	3(3+0)
POLS-6119	Foreign Policy of US	3(3+0)
		Total 15(15-0)
Semester-7		
POLS-6143	Political Geography	3(3+0)
POLS-6108	Political Sociology	3(3+0)
POLS-6132	Foreign Policy Analysis	3(3+0)
POLS-6117	Politics of Europe	3(3+0)
POLS-6135	Capstone project	3(0+3)
		Total 15(12-3)
Semester-8		
POLS-6133	Diplomacy	3(3+0)
POLS-6123	Ethnicity &Nationalism in Pakistan	3(3+0)
POLS-6121	Dynamics of Chinese Politics	3(3+0)
POLS-6103	Local Government in Pakistan	3(3+0)
POLS-6144	International Law	3(3+0)
		Total 15(15-0)



BS in Political Science (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in BA/ADA and 50% marks in the subject of Political Science as elective.

i. Candidates having Associate Degree or equivalent in the same field must have studied minimum 60 credit hours.

ii. Bridging semester will be offered to the candidates whose disciplines of Associate Degree or equivalent and undergraduate program are different.

Duration: 2 Years
Semesters: 4
Degree Requirements: 66 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5103	English III (Academic Writing)	3(3-0)
POLS-6301	Introduction to Political Science	3(3-0)
POLS-6302	Western Political Thought	3(3-0)
POLS-6303	Muslim Political Thought	3(3-0)
POLS-6304	Political and Constitutional Development in	3(3-0)
	Pakistan: 1947 to Present	
POLS-6305	Comparative Politics	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 19(18-1)
Semester-2		
URCE-5109	Intro. to Info. & Communication Technologies	3(3-0)
POLS-6306	Introduction to International Relations	3(3-0)
POLS-6307	Political Economy	3(3-0)
POLS-6308	Political Geography	3(3-0)
POLS-6309	Democracy: Theory and Practice	3(3-0)
POLS-6310	Foreign Policy and Pakistan	3(3-0)
		Total 18(18-0)
Semester-3		
POLS-6311	Sources and Dynamics of Political Change	3(3-0)
POLS-6312	Contemporary Muslim World	3(3-0)
POLS-6315	Theories of International Relations	3(3-0)
POLS-6316	Comparative Political System	3(3-0)
POLS-6317	Local Self Government in Pakistan	3(3-0)
URCC-5110	Citizenship Edu. & Communication Engagement	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 16(15-1)
Semester-4		
POLS-6313	Public Administration	3(3-0)
POLS-6314	Research Methodology	3(3-0)
POLS-6318	Political Parties and Pressure Groups in Pakistan	3(3-0)
POLS-6319	International Law	3(3-0)
POLS-6320	Theories and Practice of Public Policy	3(3-0)
		Total 15(15-0)

MPhil Political Science

Eligibility: BS/MA degree from recognized institution with at least 2nd division or 2.00 CGPA out of 4.00 in subject under Faculty of Social Sciences & Law and other equivalent degrees in the relevant field as per HEC criteria + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
/POLS-7101	Research Methodology	3(3-0)
POLS-7102	Theories of Politics	3(3-0)
	Optional-I	3(3-0)
	Optional-II	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
POLS-7103	Political Development and Social Change	3(3-0)
POLS-7104	Comparative Politics	3(3-0)
	Optional-III	3(3-0)
	Optional-IV	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 & 4		
	Thesis/Dissertation	6(0-6)

PhD Political Science

Eligibility: MPhil in International Relations; Political Science; Defence & Strategic Studies; Diplomatic Studies; International Law; Law; Pakistan Studies with CGPA 3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
POLS-8101	Advance Research Methodology	3(3-0)
POLS-8102	Advance Political Theory	3(3-0)
	Optional	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
POLS-8103	Democracy and Democratization	3(3-0)
POLS-8104	Political Culture	3(3-0)
	Optional	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 & onward		
	Thesis/Dissertation	



DEPARTMENT OF
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Assistant Professor

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Assistant Professor

Dr. Sumaya Batool
Assistant Professor

Dr. Sadia Niazi
Assistant Professor

Dr. Aneeza Bashir
Assistant Professor

Dr. Irsa Fatima Makhdoom
Lecturer

Anam Yousaf
Lecturer

Rakhshanda Rashid
Lecturer

BS in Psychology

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-medical / Pre-Engineering / ICS, or Equivalent qualification with Psychology as Elective Subject.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
PSYC-5101	Introduction to Psychology	3 (3-0)
PSYC-5108	Schools & Perspectives in Psychology	3 (3-0)
URCG-5120	Exploring Quantitative Skills*	3 (3-0)
PSYC-5103	Everyday Science**	3 (3-0)
URCG-5118	Functional English *	3 (3-0)
URCG-5123	Applications of ICT *	3 (2-1)
URCG-5129	Understanding of Holy Quran/ Fehm-e-Quran-I OR	1 (0-1)
URGC-5131	Ethics I	
		Total 18(16-2)
Semester-2		
PSYC-5109	Behavioral Neuroscience	3(3-0)
PSYC-5105	Experimental Psychology	3(2-1)
PSYC-5104	Sports Psychology	3(3-0)
URCG-5121	Tools for Quantitative Reasoning *	3(3-0)
URCG- 5119	Expository Writing *	3(3-0)
URCG-5128	Pakistan Studies *	2(2-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1 (0-1)
		Total 17(15-2)
Semester-3		
PSYC- 5106	Social Psychology	3 (3-0)
PSYC-6127	Cognitive Psychology	3 (3-0)
PSYC-5110	Industrial & Organizational Psychology	3 (3-0)
PSYC-6109	Cross-Cultural Psychology	3 (3-0)
EDUC-5208	Art, Craft and Calligraphy****	2 (2-0)
URCG-5105	Islamic Studies *	2 (2-0)
(UQCG-5126)	Ethics for non-Muslim students	
URCG-5122	Ideology & Constitution of Pakistan *	2 (2-0)
URCG-5130	Understanding of Holy Quran-II / Fehm-e-Quran-II	1 (0-1)
URGC-5132	Ethics II	
		Total 19(18-1)
Semester-4		
PSYC-6134	Positive Psychology	3(3-0)
PSYC-6123	Developmental Psychology	3(3-0)
PSYC- 6119	Psychopathology	3(3-0)
PSYC-5112	Environmental Psychology	3(3-0)
BUSB-5104	Introduction to Management****	2(2-0)
URCG-5124	Entrepreneurship *	2(2-0)
URCG-5125	Civics & Community Engagement *	2(2-0)
		Total 18(18-0)
Semester-5		
PSYC-6111	Psychological Testing	3(3-0)
PSYC 6124	Psychology of Gender	3(3-0)

PSYC-6118	Theories of Personality	3(3-0)
PSYC-6120	Clinical Psychology	3(2-1)
PSYC-6137	Advanced Research Methods	3(3-0)
PSYC-6138	Interdisciplinary Course – I ***** (Data Analysis)	3(2-1)
		Total 18(16-2)

Note: Semester 6-8, Department will offer Elective courses of 21 credit hours from relevant specialization.

Semester-6		
PSYC- 5111	Ethics in Psychology	3 (3-0)
PSYC-6126	Counseling Psychology	3 (2-1)
	Elective – I ******	3
	Elective – II ******	3
PSYC-6139	Interdisciplinary Course–II *****	3 (3-0)
	(Academic Writing & Research Methods)	
		Total 15(14-1)

Note: In the seventh semester, Department will select Interdisciplinary courses of 06 credit hours from 20 Interdisciplinary Courses.

Semester-7		
PSYC-6132	Forensic Psychology	3(3-0)
	Elective – III ******	3(3-0)
	Elective – IV ******	3(3-0)
	Interdisciplinary Course – IV *****	3(0-3)
	Interdisciplinary Course – V *****	3(3-0)
PSYC-6140	Internship	3(0-3)
		Total 18(15-3)
Semester-8		
PSYC-6141	Psychology & Emerging Technologies	3
	Elective – V ******	3
	Elective – VI ******	3
	Elective – VII ******	3
PSYC-6142	Capstone	3
		Total 15

BS in Psychology (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in ADP/ ADS/ B.A/ B.Sc with Subject of Psychology/ Applied Psychology as an elective subject of 200 marks.
Duration: 2 Years
Semesters: 4
Degree Requirements: 69 credit hours

Code	Course Title	C/Hr.
Semester-1		
PSYC-6111	Psychological Testing	3 (3-0)
PSYC 6124	Psychology of Gender	3 (3-0)
PSYC-6118	Theories of Personality	3 (3-0)
PSYC-6120	Clinical Psychology	3(2-1)
PSYC-6137	Advanced Research Methods	3(3-0)
PSYC-6138	Interdisciplinary Course – I ***** (Data Analysis)	3(2-1)
URCG-5129	Understanding of Holy Quran-I/Fehm-e-Quran-I/	1(0-1)
URGC-5131	Ethics I	
		Total 18(18-0)
Semester-2		
PSYC- 5111	Ethics in Psychology	3 (3-0)
PSYC-6126	Counseling Psychology	3 (2-1)
	Elective – I ******	3
	Elective – II ******	3
PSYC-6139	Interdisciplinary Course–II *****	3 (3-0)
	(Academic Writing & Research Methods)	
		Total 15(14-1)
Semester-3		
PSYC-6132	Forensic Psychology	3(3-0)
	Elective – III ******	3(3-0)
	Elective – IV ******	3(3-0)
	Interdisciplinary Course – IV *****	3(3-0)
PSYC-6140	Interdisciplinary Course – V *****	3(3-0)
	Internship	3
URCG-5130	Understanding of Holy Quran-II OR	1 (0-1)
URGC-5132	Ethics II	**Total 19(18-1)**
Semester-4		
PSYC-6141	Psychology & Emerging Technologies	3(3-0)
	Elective – V ******	3(3-0)
	Elective – VI ******	3(3-0)
	Elective – VII ******	3(3-0)
PSYC-6142	Capstone	3
		Total 15(12-3)

ADCP

Eligibility: Second division or CGPA-2.00 out of 4.00 in MSc/BS in Psychology/ Applied Psychology from HEC recognized institutions and + Departmental test + interview.
Duration: 1 Years
Semesters: 2
Degree Requirements: As per University Rules

Code	Course Title	C/Hr.
Semester-1		
PSYC-7301	Adult Psychopathology	3(3-0)
PSYC-7302	Psycho-Diagnosis & Clinical Assessment	3(3-0)
PSYC-7303	Therapeutic Interventions	3(3-0)
PSYC-7304	Internship + Report Writing	5(3-2)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 15(12-3)
Semester-2		
PSYC-7305	Psycho-pharmacology & Neurophysiology	4(4-0)
PSYC-7306	Advance Research Methods in Clinical Research	3(3-0)
PSYC-7307	Childhood Development and Psychotherapy	3(3-0)
PSYC-7308	Clinical Research Project	6(0-6)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 17(10-7)

MS Psychology

Eligibility: Second division or CGPA-2.00 out of 4.00 in Msc/ BS Psychology or equivalent from HEC recognized institutions and + Departmental test (at least 50% marks) + interview.
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PSYC-7104	Contemporary Issues, Theory, and Studies in Psychology*	3(3+0)
PSYC-7103	Psychological Assessment	3(3+0)
PSYC-7123	Family Science	3(3+0)
PSYC-7152	Internship Placement I	2(0+2)
URCG-5129	Understanding of Holy Quran-I/Fehm-e-Quran-I	1(0-1)
URGC-5131	Ethics I	
		Total 12(11-1)
Semester-2		
PSYC-7109	Clinical Psychotherapies: Theory and Practice	3(3+0)
PSYC- 7127	Rehabilitation Psychology	3(3+0)
PSYC-7120	Crime and Deviance	3(3+0)
PSYC-7153	Internship Placement II	2(0+2)
URCG-5130	Understanding of Holy Quran-II/Fehm-e-Quran-II	1(0-1)
URGC-5132	Ethics II	
		Total 12(11-1)
Semester-3		
PSYC-7101	Advanced Statistics and Computers (SPSS)	3(3+0)
PSYC-7102	Qualitative and Quantitative Research Methods*	3(3+0)
PSYC-7126	Environmental Psychology	3(3+0)
PSYC-7154	Internship Placement III	2(0+2)
		Total 11(9-2)
Semester-4	Dissertation	

MS Industrial Organizational Psychology

Eligibility: Second division or CGPA-2.00 out of 4.00 in Msc/ BS Psychology or equivalent from HEC recognized institutions and + Departmental test (at least 50% marks) + interview.
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PSYC-7201	Advanced Research Methods	3(3-0)
PSYC-7202	Advanced Statistics	3(3-0)
PSYC-7203	Introduction to Organizational Behavior	3(3-0)
PSYC-7204	Organizational Design and Culture	3(3-0)
URCG-5129	Understanding of Holy Quran-I OR	1(0-1)
URCG-5131	Ethics-I	
		Total 12(12-0)
Semester-2		
PSYC-7205	Effective Leadership & Strategic Decision Making	3(3-0)
PSYC-7206	Psychology of Advertising & Marketing Research	3(3-0)
PSYC-7207	Consumer Behavior	3(3-0)
URCG-5130	Understanding of Holy Quran-II OR	1(0-1)
URCG-5132	Ethics-II	
		Total 9(9-0)
Semester-3		
PSYC-7208	Human Resource Management	3(3-0)
PSYC-7209	Psychology of Work Environment & Work Motivation	3(3-0)
PSYC-7210	Internship and Research Proposal	3(3-0)
		Total 9(9-0)
Semester-4		
PSYC-7211	Thesis	6(0-6)

PhD Psychology

Eligibility: MPhil/MS Psychology or equivalent with at least CGPA 3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
PSYC-8101	Research Methods in Psychology	3(3-0)
PSYC-8102	Seminars in Theories of Psychology	3(3-0)
PSYC-8103	Psychometrics	3(3-0)
PSYC-8104	Health Psychology	3(3-0)
PSYC-8105	School Psychology	3(3-0)
PSYC-8106	Assessment, Evaluation and Intervention	3(3-0)
PSYC-8107	Psychology of Communication	3(3-0)
PSYC-8108	Data Analysis	3(3-0)
PSYC-8109	Problems in Human Assessment	3(3-0)
PSYC-8110	Guidance and Counseling	3(3-0)
PSYC-8111	Clinical Psychology Theory and Practice	3(3-0)
PSYC-8112	psychopharmacology & Neurophysiology	3(3-0)
PSYC-8113	Psychology of Work & Motivation	3(3-0)
PSYC-8114	Cross-Cultural Psychology	3(3-0)
PSYC-8115	Consumer Behavior and Marketing	3(3-0)
PSYC-8116	Industrial and Organizational Psychology	3(3-0)
PSYC-8117	Deviance and Crime	3(3-0)
URCG-5129	Understanding of Holy Quran-I OR	1(0-1)
URCG-5131	Ethics-I	
Semester-2		
PSYC-8118	Community Psychology	3(3-0)
PSYC-8119	Military Psychology	3(3-0)
PSYC-8120	Theories of Learning	3(3-0)
PSYC-8121	Clinical Neuropsychology	3(3-0)

PSYC-8122	Psychology of Self and Culture	3(3-0)
PSYC-8123	psychology of Sports and Exercise	3(3-0)
PSYC-8124	Psychology of Gender	3(3-0)
PSYC-8125	Cognitive Psychology	3(3-0)
PSYC-8126	Psychology of Religion and Spirituality	3(3-0)
PSYC-8127	Family Science	3(3-0)
PSYC-8128	Socio-Pathology: Identification and Treatment	3(3-0)
PSYC-8129	Environmental Psychology	3(3-0)
PSYC-8130	Rehabilitation Psychology	3(3-0)
PSYC-8131	Test Construction and Adaption	3(3-0)
PSYC-8132	Assessment under Different Setting	3(3-0)
PSYC-8133	Psychological Warfare	3(3-0)
PSYC-8134	Muslim Contribution to Clinical Psychology	3(3-0)
URCG-5130	Understanding of Holy Quran-II OR	1(0-1)
URCG-5132	Ethics-II	
Semester-3 to 6		
PSYC-8135	Dissertation	



DEPARTMENT OF

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Rana Imran Ahmed
Lecturer

Tauqir Amir
Lecturer

Zeeshan Munawar
Lecturer

Yasir Javid
Lecturer

Ishaque Ahmad
Lecturer

Dr. Rameez Mohsin
Lecturer

BS in Social Work

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5105	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
SOWK- 5101	Introduction to Social Work & Social Welfare	3(3-0)
SOWK- 5102	Demography	3(3-0)
SOWK-5103	Youth Wellbeing	3(3-0)
		Total 18(16-2)
Semester-2		
URCG-5112	Fables, Wisdom and EPIC	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
URCG-5120	Exploring Quantitative Skills	3(3-0)
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
SOWK-5104	The Practice of Social Work-I	3(3-0)
SOWK-5105	Introduction to Gender Studies	3(3-0)
SOWK-5106	Social Development	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
		Total 19(19-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
SOWK- 5107	The Practice of Social Work-II	3(3-0)
SOWK- 5108	Geriatric Social Work	3(3-0)
SOWK- 5109	Introduction to Cultural Anthropology	3(3-0)
		Total 18(17-1)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
SOWK-5110	The Practice of Social Work-III	3(3-0)
SOWK-5111	Human Rights for Social Work Practice	3(3-0)
SOWK-5112	Social Problems	3(3-0)
		Total 16(15-1)
Summer Semester		
(For student exiting program to have Associate Degree)		
URCG-5113	Internship	3(0-3)
Semester-5		
SOWK-6114	Social Case Work	3(3-0)
SOWK-6115	Community Development and Organization	3(3-0)
SOWK-6116	Human Growth and Behavior in Social Work	3(3-0)
SOWK-6117	Theories of Social Work- I	3(3-0)

SOWK-6131-6137	From the list of ID courses	3(3-0)
		Total 15(15-0)
Semester-6		
SOWK-6118	Social Group Work	3(3-0)
SOWK-6119	Theories of Social Work- II	3(3-0)
SOWK-6120	Social Policy	3(3-0)
SOWK-6121	NGO Management	3(3-0)
xxxx-xxxx	From the list of ID courses	3(3-0)
SOWK-6128	Fieldwork & Report Writing-II (Social Work	6(0-6)
	Practice at Micro, Macro &Mezo Level	
	(Program specific requirement)	
		Total 21(15-6)
Semester-7		
SOWK-6122	Research in Social Work	3(3-0)
SOWK-6123	Social Action	3(3-0)
SOWK-6124	Social Welfare Administration	3(3-0)
SOWK-61xx	Optional Course-I (from list of optional courses)	3(3-0)
SOWK-61xx	From the list of ID courses	
xxxx-xxxx	Fieldwork & Report Writing-II (Social Work	6(0-6)
	Practice at Micro, Macro &Mezo Level	
	(Program specific requirement)	
		Total 21(15-6)
Semester-8		
SOWK-6125	Statistics and Data Analysis in Social Work	3(3-0)
SOWK-6126	Laws for Social Work in Pakistan	3(3-0)
SOWK-6127	Human Resource Development in Social Work	3(3-0)
SOWK-61xx	Optional Course-II (from list of optional courses)	3(3-0)
xxxx-xxxx	From the list of ID courses	3(3-0)
		Total 15(15-0)
List of Optional Courses		
SOWK-6131	Medical and Psychiatric Social Work	
SOWK-6132	Gender & Development	
SOWK-6133	Child Protection	
SOWK-6134	School Social Work	
SOWK-6135	Rural Development and Local Government	
SOWK-6136	Social Work and Disaster Management	
SOWK-6137	Drug Abuse Prevention	

BS in Social Work (5th Semester Intake)

Eligibility: At least 45% marks in or CGPA 2.00 out of 4.00 BA/ BSc/ ADA/ ADS.
Duration: 2 Years
Semesters: 4
Degree Requirements: 72 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
SOWK-6301	Social Case Work	3(3-0)
SOWK-6302	Community Development and Organization	3(3-0)
SOWK-6303	Human Growth and Behavior in Social Work	3(3-0)
SOWK-6304	Theories of Social Work- I	3(3-0)
----------	From the list of ID courses	3(3-0)
URCG-5129	Understanding of Holy Quran-I OR	1(0-1)
URCG-5131	Ethics-I	
		Total 16(15-1)
Semester-2		
SOWK-6305	Social Group Work	3(3-0)
SOWK-6306	Theories of Social Work- II	3(3-0)
SOWK-6307	Social Policy	3(3-0)
SOWK-6308	NGO Management	3(3-0)
----------	From the list of ID courses	3(3-0)
SOWK-6312	Fieldwork & Report Writing-I	6(0-6)
	(Social Work Practice at Micro, Macro &Mezo	
	Level(Program specific requirement)	
		Total 21(15-6)
Semester-3		
SOWK-6309	Research in Social Work	3(3-0)
SOWK-6310	Social Action	3(3-0)
SOWK-6311	Social Welfare Administration	3(3-0)
SOWK-63xxx	Optional Course-I (from list of optional courses)	3(3-0)
----------	From the list of ID courses	3(3-0)
SOWK-6313	Fieldwork & Report Writing-II (Social Work	6(0-6)
	Practice at Micro, Macro &Mezo Level (Program	
	specific requirement)	
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 21(15-6)
Semester-4		
SOWK-6314	Statistics and Data Analysis in Social Work	3(3-0)
SOWK-6315	Laws for Social Work in Pakistan	3(3-0)
SOWK-6316	Human Resource Development in Social Work	3(3-0)
SOWK-63xx	Optional Course-II (any one from list of	3(3-0)
	optional courses)	
----------	From the list of ID courses	3(3-0)
		Total 15(15-0)
Interdisciplinary/Allied Courses		
SOCI-5101	General Sociology-I	3(3-0)
EDUC-5101	Introduction to Education	3(3-0)
PSYC-5101	Introduction to Psychology	3(3-0)
POLS-5101	Introduction to Political Science	3(3-0)
INTR-5101	Introduction to International Relations	3(3-0)
ECON-5104	Fundamentals of Economics	3(3-0)
CRIM-5101	Fundamentals of Criminology	3(3-0)
List of Optional Courses		
SOWK-6318	Medical and Psychiatric Social Work	3(3-0)
SOWK-6319	Gender & Development	3(3-0)
SOWK-6320	Child Protection	3(3-0)
SOWK-6321	School Social Work	3(3-0)
SOWK-6322	Rural Development and Local Government	3(3-0)
SOWK-6323	Social Work and Disaster Management	3(3-0)
SOWK-6324	Drug Abuse Prevention	3(3-0)

MPhil Social Work

Eligibility: MSc / MA / BS Social Work or equivalent from any HEC recognized university with at least 2.00 CGPA out of 4.00 or 2nd division + departmental test (at least 50% marks).
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
SOWK-61xx	Select any one from list of deficiency courses	3(3-0)
SOWK-71xx	Select any one from list of Mandatory/ Compulsory/Core courses	3(3-0)
SOWK-71xx	Select any one from list of Mandatory/ Compulsory/Core courses	3(3-0)
SOWK-71xx	Select any one from list of Elective courses	3(3-0)
SOWK-71xx	Select any one from list of Elective courses	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
SOWK-61xx	Select any one from list of deficiency courses	3(3-0)
SOWK-71xx	Select any one from list of Mandatory/ Compulsory/Core courses	3(3-0)
SOWK-71xx	Select any one from list of Mandatory/ Compulsory/Core courses	3(3-0)
SOWK-71xx	Select any one from list of Elective courses	3(3-0)
SOWK-71xx	Select any one from list of Elective courses	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II / Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 to 4		
SOWK-61xx	Select any one from list of deficiency courses	3(3-0)
SOWK-7121	Thesis	6(0-6)
		Total 06(0-6)

List of Deficiency Courses of Level 6

SOWK-6114	Social Case Work	3(3-0)
SOWK-6115	Community Development and Organization	3(3-0)
SOWK-6116	Human Growth and Behavior in Social Work	3(3-0)
SOWK-6117	Theories of Social Work-I	3(3-0)
SOWK-6118	Social Group Work	3(3-0)
SOWK-6119	Theories of Social Work-II	3(3-0)
SOWK-6120	Social Policy	3(3-0)
SOWK-6121	NGO Management	3(3-0)
SOWK-6122	Research in Social Work	3(3-0)
SOWK-6123	Social Action	3(3-0)
SOWK-6124	Social Welfare Administration	3(3-0)
SOWK-6125	Statistics and Data Analysis in Social Work	3(3-0)
SOWK-6126	Laws for Social Work in Pakistan	3(3-0)
SOWK-6127	Human Resource Development in Social Work	3(3-0)

List of Mandatory/Compulsory/Core Courses

SOWK-7101	Philosophy of Social Science	3(3-0)
SOWK-7102	SW Treatment: Interlocking Theoretical Appr.	3(3-0)
SOWK-7103	Social Work Practice with Groups	3(3-0)
SOWK-7104	Dynamics of Organizations in Communities	3(3-0)
SOWK-7105	Social Development and Social Policy	3(3-0)
SOWK-7106	Forensic Social Work	3(3-0)
SOWK-7107	Feminist Social Work Practice	3(3-0)
SOWK-7108	Social Justice and Social Work	3(3-0)
SOWK-7109	Research Methods for Social Work	3(3-0)
SOWK-7110	Social Statistics and Quantitative Data Analysis	3(3-0)
SOWK-7111	Qualitative Research: Design and Methods	3(3-0)

List of Elective Courses

SOWK-7112	Spirituality and Social Work Practice	3(3-0)
SOWK-7113	Economies of Anticipation	3(3-0)
SOWK-7114	Direct Social Work Practice: Theories and Skills	3(3-0)
SOWK-7115	Social Gerontology	3(3-0)
SOWK-7116	Gender, Violence and Justice	3(3-0)
SOWK-7117	Human Rights and Social Work: Towards Rights-Base Practice	3(3-0)
SOWK-7118	Social Welfare in a Postwelfare Era	3(3-0)
SOWK-7119	Mental health and Social Work	3(3-0)
SOWK-7120	The Government of Life: Foucault, Biopolitics, and Neoliberalism	3(3-0)

Thesis

SOWK-7121	Thesis/Dissertation (semester 3 & 4)	6(0-6)

PhD Social Work

Eligibility: MPhil /MS Social Work from HEC recognized institutions with at least CGPA 3.00 out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
SOWK-71xx	Select any one from list of deficiency courses	3(3-0)
SOWK-81xx	Select any one from list of Mandatory/ Compulsory/Core courses	3(3-0)
SOWK-81xx	Select any one from list of Mandatory/ Compulsory/Core courses	3(3-0)
SOWK-81xx	Select any one from list of Elective courses	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I / Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
SOWK-71xx	Select any one from list of deficiency courses	3(3-0)
SOWK-81xx	Select any one from list of Mandatory/ Compulsory/Core courses	3(3-0)

SOWK-81xx	Select any one from list of Mandatory/ Compulsory/Core courses	3(3-0)
SOWK-81xx	Select any one from list of Elective courses	3(3-0)
URCG-5130	Understanding of Holy Quran-II	1(0-1)
URCG-5132	Ethics-II	
		Total 10(9-1)

Semester-3 onwards

SOWK-8110	Thesis/Dissertation	

List of Deficiency Courses

SOWK-7122	Foundations of Social Work	3(3-0)
SOWK-7123	Contemporary Social Work Methods	3(3-0)
SOWK-7124	Historical Development of Social Work	3(3-0)

List of Mandatory/Compulsory/Core Courses

SOWK-8101	Theories of Social Work	3(3-0)
SOWK-8102	Practice Perspectives and Models of Social Work	3(3-0)
SOWK-8105	Social Welfare: Structure and Practice	3(3-0)
SOWK-8106	Advance Research Methods	3(3-0)
SOWK-8107	Data Analysis	3(3-0)
SOWK-8108	Social Work Dissertation Writing	3(3-0)

List of Elective Courses

SOWK-8103	Social Work Perspectives and Social Protection	3(3-0)
SOWK-8104	Advanced Social Work Methods	3(3-0)
SOWK-8109	Philosophy of Social Science	3(3-0)

Thesis

SOWK-8110	Thesis/Dissertation	



DEPARTMENT OF

SOCIOLOGY AND CRIMINOLOGY



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Lecturer

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Lecturer

Muhammad Zain-ul-Abidin
Lecturer

Dr. Zarqa Azhar
Lecturer

Dr. Mussarat Hussain
Lecturer

Kaleem Ullah
Lecturer

BS in Sociology

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG- 5118	Functional English	03 (3-0)
URCG-5123	Applications of Info. Comm. Technologies (ICTs)	03 (2-1)
URCG-5105	Islamic Studies (Compulsory)	02 (2-0)
URCG-5126	Ethics (For Non-Muslim Students)	
SOCI-5101	General Sociology-I	03 (3-0)
SOCI-5110	Fundamentals of Social Theory	03 (3-0)
SOCI-5107	Pakistani Society and Culture	03 (3-0)
		Total 17(16-1)
Semester-2		
URCG-5120	Exploring Quantitative Skills	03 (3-0)
URCG-5112	Fables, Wisdom, and EPIC	02 (2-0)
URCG-5127	Seerat of the Holy Prophet (SAW) *	01 (1-0)
URCG-5129/31	Understanding of Holy Quran – I / Ethics-I	1(0-1)
SOCI-5102	General Sociology-II	03 (3-0)
SOCI-5104	Sociological Theory-I	03 (3-0)
SOCI-6113	Cultural Anthropology	03 (3-0)
URCG-5128	Pakistan Studies	2(2-0)
		20(19-1)
Semester-3		
URCG-5119	Expository Writing	03 (3-0)
URCG-5121	Tools for Quantitative Reasoning	03 (3-0)
URCG-5122	Ideology and Constitution of Pakistan	02 (2-0)
URCG-5116	Science of Society-I	02 (2-0)
SOCI-6108	Gender Studies	03 (3-0)
SOCI-5111	Sociology of Crime and Deviance	03 (3-0)
SOCI-6111	Introduction to Demography	03 (3-0)
		Total 19(19-0)
Semester-4		
URCG-5124	Entrepreneurship	02 (2-0)
URCG-5125	Civics and Community Engagement	02 (2-0)
URCG-5114	Basic Science	03 (2-1)
URCG-5130/32	Understanding of Holy Quran–II / Ethics-II	1(0-1)
SOCI-6208	Social Psychology	03 (3-0)
SOCI-5106	Basics of Social Research	03 (3-0)
SOCI-6109	Social Statistics-I	03 (3-0)
		Total 17(15-2)
Semester-5		
SOCI-6218	Sociology of Social Work	03 (3-0)
SOCI-6110	Social Research Methods	03(3-0)
SOCI-6118	Social Statistics-II	03(3-0)
SOCI-6116	Sociology of Change	03(3-0)
SOCI-5105	Sociological Theory-II	03(3-0)

xxxx-xxxx	IDC (To be selected from the list)	03 (3-0)
SOCI-6125	Internship	3(0-3)
		Total 18(15-3)
Semester-6		
SOCI-6114	Sociology of Development	3(3-0)
SOCI-6139	Medical Sociology	3(3-0)
SOCI-6222	Social Problems of Pakistan	3(3-0)
SOCI-6128	Sociology of Religion	3(3-0)
SOCI-6117	Community Development	3(3-0)
xxxx-xxxx	IDC (To be selected from the list)	3(3-0)
		Total 18(18-0)
Summer Semester		
SOCI-6125	Internship	3(0-3)
Semester-7		
SOCI-6126	Sociology of Globalization	3 (3-0)
SOCI-6120	Sociology of Peace and Conflict	3(3-0)
SOCI-6123	Qualitative Research Methods	3(3-0)
xxxx-xxxx	IDC (To be selected from the list)	3(3-0)
xxxx-xxxx	Optional-I (Any from the optional list)	3(3-0)
xxxx-xxxx	Optional-II (Any from the optional list)	3(3-0)
		Total 18(18-0)
Semester-8		
SOCI-6141	Quantitative Data Analysis	3(3-0)
xxxx-xxxx	IDC (To be selected from the list)	3(3-0)
xxxx-xxxx	Optional-I (Any from the optional list)	3(3-0)
xxxx-xxxx	Optional-II (Any from the optional list)	3(3-0)
SOCI-6124	Capstone Project	3(0-3)
		Total 15(12-3)
Optional Courses for BS Sociology		
SOCI-6127	Industrial Sociology	3(3-0)
SOCI-6127	Industrial Sociology	3(3-0)
SOCI-6221	Organizational Behavior & HR Management	3(3-0)
SOCI-6130	Sociology of Education	3(3-0)
SOCI-6225	Sociology of War and Military	3(3-0)
SOCI-6133	Rural Sociology	3(3-0)
SOCI-6134	Corporate Social Responsibility	3(3-0)
SOCI-6233	Local Government Institutions & RD in Pakistan	3(3-0)
SOCI-6135	Sociology of Human Rights	3(3-0)
SOCI-6151	Social Gerontology	3(3-0)
SOCI-6129	Sociology of Family and Marriage	3(3-0)
Optional Courses for BS Sociology		
SOCI-6152	Sociology of Crime and Criminal Justice System	3(3-0)
SOCI-6153	Sociology of Media and Communication	3(3-0)
SOCI-6154	Islamic Sociology	3(3-0)
SOCI-6156	Social Impact Assessment	3(3-0)
SOCI-6140	Urban Sociology	3(3-0)
SOCI-6131	Political Sociology	3(3-0)

BS in Criminology

Eligibility: At least 45% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, D.Com), DAE (1st & 2nd Year) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 125-149 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3 (3-0)
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3 (2-1)
URCG-5105	Religious Education/Ethics	2 (2-0)
URCG-5126	Islamic Studies (OR)	
CRIM-5101	Fundamentals of Criminology	3 (3-0)
CRIM-5103	Deviance and Crime	3 (3-0)
CRIM-5121	General Sociology-I	3 (3-0)
		Total 17(16-1)
Semester-2		
URCG-5112	Exploring Quantitative Skills	3(3-0)
URCG-5128	Pakistan Studies	2(2-0)
URCG-5112	Fables, Wisdom and EPIC	2(2-0)
URCG-5127	Seerat of the Holy Prophet (SAW) *	1(1-0)
URCG-5129/31	Understanding of Holy Quran-I /Ethics-I	1(0-1)
CRIM-5104	Theoretical Perspectives on Crime and Criminals	3(3-0)
CRIM-5122	General Sociology-II	3(3-0)
CRIM-5123	Cultural Anthropology	3(3-0)
		Total 18(17-1)
Semester-3		
URCG-5119	Expository Writing	3(3-0)
URCG-5121	Tools for Quantitative Reasoning	3(3-0)
URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5116	Science of Society-I	2(2-0)
CRIM-5108	Juvenile Delinquency	3(3-0)
CRIM-5109	Patterns of Crime	3(3-0)
CRIM-6215	Contemporary Criminological Theories	3(3-0)
		Total 19(19-0)
Semester-4		
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5114	Basic Science	3(2-1)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
CRIM-5110	Penology	3(3-0)
CRIM-6213	Criminal Justice System	3(3-0)
CRIM-5106	Fundamentals of Criminological Research Methods	3(3-0)
		Total 17(15-2)
Semester-5		
CRIM-6219	Crime Prevention	3(3-0)
CRIM-6214	Research Methods in Criminology	3(3-0)
CRIM-6235	Transnational Organized Crimes	3(3-0)
CRIM-6216	Drug Abuse and Related Crimes	3(3-0)
CRIM-6220	Correctional Institutions	3(3-0)

xxxx-xxxx	IDC (To be selected from the list)	3(3-0)
		Total 18(18-0)
Summer Semester		
CRIM-5112	Internship	3(0-3)
Semester-6		
CRIM-6217	Victimology	3 (3-0)
CRIM-6221	Police and Policing	3 (3-0)
CRIM-6222	Forensic Criminology	3 (3-0)
CRIM-6236	Cyber Crimes	3 (3-0)
CRIM-5107	Crime and Security	3 (3-0)
xxxx-xxxx	IDC (To be selected from the list)	3 (3-0)
		Total 18(18-0)
Summer Semester		
CRIM-5112	Internship	3 (0-3)
Semester-7		
CRIM-5111	Statistics in Criminology	3(3-0)
CRIM-6225	Applied Criminology	3(3-0)
CRIM-6228	Methods of Criminal Investigation	3(3-0)
xxxx-xxxx	IDC (To be selected from the list)	3(3-0)
xxxx-xxxx	Optional-I (Any from the optional list)	3(3-0)
xxxx-xxxx	Optional-II (Any from the optional list)	3(3-0)
		Total 18(18-0)
Semester-8		
CRIM-6238	Terrorism and Counter Terrorism	3(3-0)
xxxx-xxxx	IDC (To be selected from the list)	3(3-0)
xxxx-xxxx	Optional-I (Any from the optional list)	3 (3-0)
xxxx-xxxx	Optional-II (Any from the optional list)	3 (3-0)
CRIM-6230	Capstone Project *	3 (0-3)
		Total 15 (12-3)
CRIM-5112	Internship	3 (0-3)

*Students will conduct the Capstone Project in groups of 3 to 5 members, individual Capstone

List of Optional Courses		
CRIM-6231	Organized Crime	3 (3-0)
CRIM-6232	Criminological Qualitative Research Methods	3 (3-0)
CRIM-6233	Social Tolerance	3 (3-0)
CRIM-6234	Crime and Media	3 (3-0)
CRIM-6237	Genocide - A Sociological and Criminological Approach	3 (3-0)
CRIM-6239	Community Justice & Crime Prevention	3 (3-0)
CRIM-6240	Islamic Perspective on Crime and Punishment	3 (3-0)
CRIM-6241	Project Management	3 (3-0)
CRIM-6243	Criminal Psychology	3 (3-0)
CRIM-6244	Money Laundering	3 (3-0)
CRIM-6245	Quantitative Data Analysis	3 (3-0)
CRIM-6246	Gender & Crime	3 (3-0)
CRIM-6247	Sociology of Peace and Conflict Resolution	3 (3-0)

BS in Sociology (5th Semester Intake)

Eligibility: At least 45% marks or CGPA 2.00 out of 4.00 in graduation or equivalent.
Duration: 2 Years
Semesters: 4
Degree Requirements: 74 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
SOCI-6116	Sociology of Change	3(3-0)
SOCI-6218	Sociology of Social Work	3(3-0)
SOCI-5125	Introduction to Sociology	3(3-0)
SOCI-6109	Social Statistics-I	3(3-0)
SOCI-5106	Basic of Social Research	3(3-0)
SOCI-5104	Sociological Theory	3(3-0)
xxxx-xxxx	IDC (to be selected from the list)	3(3-0)
		Total 21(21-0)
Semester-2		
SOCI-5105	Sociological Theory-II	3(3-0)
SOCI-6110	Social Research Methods	3(3-0)
SOCI-6118	Social Statistical-II	3(3-0)
SOCI-6139	Medical Sociology	3(3-0)
SOCI-6117	Community Development	3(3-0)
SOCI-6113	Cultural Anthropology	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
xxxx-xxxx	IDC (to be selected from the list)	3(3-0)
		Total 21(20-1)
Semester-3		
SOCI-6114	Sociology of Development	3(3-0)
SOCI-6108	Gender Studies	3(3-0)
xxxx-xxxx	Optional-I (Any from the optional list)	3(3-0)
xxxx-xxxx	Optional-II (Any from the optional list)	3(3-0)
SOCI-6120	Sociology of Peace & Conflict	3(3-0)
SOCI-6126	Sociology of Globalization	3(3-0)
xxxx-xxxx	IDC (to be selected from the list)	3(3-0)
		Total 21(21-0)
Semester-4		
SOCI-6141	Quantitative Data Analysis	3(3-0)
SOCI-6123	Qualitative Research Methods	3(3-0)
xxxx-xxxx	Optional-I (Any from the optional list)	3(3-0)
xxxx-xxxx	Optional-I (Any from the optional list)	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
xxxx-xxxx	IDC (To be selected from the list)	3(3-0)
SOCI-6124	Capstone Project ***	3(3-0)
		Total 19(18-1)



MPhil Sociology

Eligibility: BS/MSc/MA Sociology or equivalent from any HEC recognized university with at least 2.00 CGPA out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 26 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
SOCI-7101	Philosophy of Social Sciences	3(3-0)
SOCI-7102	Sociological Paradigms	3(3-0)
SOCI-7103	Advance Research Methodology	3(3-0)
SOCI-7104	Advance Social Statistics	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 13(12-1)
Semester-2		
SOCI-7105	Sociology of Change & Development	3(3-0)
SOCI-7106	Social Policy	3(3-0)
SOCI-7107	Sociology of Health OR	3(3-0)
SOCI-7108	Techniques of Population Analysis	
SOCI-7109	Gender Studies OR	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 13(12-1)
Semester-3 to 4		
	Thesis	6(0-6)

PhD Sociology

Eligibility: MS/MPhil in Sociology or relevant field with at least 3.00 CGPA out of 4.00 + UOS Entry Test equivalent to HEC HAT General Test (at least 60% marks) OR HEC/HAT General Test (at least 60% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 20 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
SOCI-8101	Philosophy of Science for Social Sciences	3(3-0)
SOCI-8102	Advanced Methods of Social Research	3(3-0)
SOCI-8103	Application of Statistics in Social Sciences	3(3-0)
URCG-5129/31	Understanding of Holy Quran-I/Ethics-I	1(0-1)
		Total 10(9-1)
Semester-2		
SOCI-8104	Developing Societies: State & Social Transformation	3(3-0)
SOCI-8105	Social and Public Policy	3(3-0)
SOCI-8106	Sociology of Globalization	3(3-0)
SOCI-8107	Sociology of Work and Industry	3(3-0)
SOCI-8108	Population Techniques and Analysis	3(3-0)
SOCI-8109	Sociology of Gender and Development	3(3-0)
SOCI-8110	Sociology of Crime and Prevention	3(3-0)
SOCI-8111	Sociology of Power and Negotiation	3(3-0)
URCG-5130/32	Understanding of Holy Quran-II/Ethics-II	1(0-1)
		Total 10(9-1)
Semester-3 onwards		
SOCI-8112	Research and Dissertation	



Rules and Regulations

- **Breakup of Enrollment**
- **Fee Structure**
- **Admission Regulations**
  (applicable to Undergraduate and Graduate Programs)
- **Admission Regulations**
  (applicable to Post-Graduate Programs)
- **Regulations (Discipline, Welfare & Code of Honour)**
- **Semester Regulations**
  Undergraduate & Graduate
  (Not applicable to Faculty of Medical & Health Sciences)
- **Semester Regulations**
  (Post-Graduate)

Note: All the Rules and Regulations of University of Sargodha are subject to change / withdrawal / amendment without prior notice.

Breakup of Enrolment

	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
Faculty of Agriculture																										
College of Agriculture																										
Bsc (Hons) Agriculture	40	3	3	2	2	2	2	1	1	0	3	1	1	1	2	0	0	10	74	50	0	0	0	10	60	134
Department of Agricultural Economics																										
BS in Agricultural and Resource Economics	40	3	3	2	2	2	2	1	1	0	3	1	1	1	2	0	0	10	74	50	0	0	0	10	60	134
MPhil Agricultural Economics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Agricultural Economics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Agricultural Extension & Rural Studies																										
BS in Development Studies	40	3	3	2	2	2	2	1	1	0	3	1	1	1	2	0	0	10	74	0	0	0	0	0	0	74
Postgraduate Diploma in Gerontology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	25	25
MSc (Hons) Agricultural Extension	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	2	1	1	0	29	29
PhD Agricultural Extension	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	1	0	12	12
MS Rural Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Rural Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Agronomy																										
BS in Climate Change	40	3	3	2	10	2	2	1	1	0	3	1	1	1	2	0	0	10	82	0	0	0	0	0	0	82
BS in Farm Management	40	3	3	2	0	2	2	1	1	0	3	1	1	1	2	0	0	10	72	0	0	0	0	0	0	72
MSc (Hons) Agronomy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	2	1	1	0	34	34
PhD Agronomy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	1	0	16	16
Department of Animal Sciences																										
BSc (Hons) Animal Sciences	40	3	3	2	2	2	2	1	1	0	3	1	1	1	2	0	0	10	74	0	0	0	0	0	0	74
MSc (Hons) Animal Nutrition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
Department of Entomology																										
Post Graduate Diploma in Medical Entomology and Disease Vector Control (PGD-MEDVC) (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20	20
MSc (Hons) Entomology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Entomology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11

*** Each student admitted on "Self Finance" basis shall pay Rs. two lacs (200,000) per year in addition to the normal Self-Support semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Note:

Following seats are reserved in addition to the above mentioned seats:

1. Total 10 seats (in Faculty of Arts & Humanities and Social Sciences only) are reserved for students having distinction in Co-curricular activities to be selected by a Committee to be appointed by the Vice-Chancellor for this purpose (not more than one in any department).
2. Total 04 seats for candidates nominated from AJK in Faculty of Arts & Humanities and Faculty of Social Sciences only (not more than one in any Department)
3. Total 34 seats (where Triable Areas quota is applicable) are reserved for the candidates nominated from Triable Areas of Ranjan Pur and Dera Ghazi Khan (not more than one in each department).

Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
Department of Forestry																										
BS Forestry	40	3	3	2	2	2	2	1	1	0	3	1	1	1	2	0	0	10	74	0	0	0	0	0	0	74
MSc (Hons) Forestry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Forestry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Horticulture																										
MSc (Hons) Horticulture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Horticulture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Plant Breeding and Genetics																										
BSc (Hons) Seed Science and Technology	40	3	3	2	2	2	2	1	1	0	3	1	1	1	2	0	0	10	74	0	0	0	0	0	0	74
MSc (Hons) Plant Breeding and Genetics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	2	1	1	0	43	43
PhD Plant Breeding and Genetics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	1	0	23	23
Department of Plant Pathology																										
MSc (Hons) Plant Pathology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	2	1	1	0	34	34
PhD Plant Pathology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	1	0	16	16
Department of Soil and Environmental Sciences																										
MSc (Hons) Soil Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	2	1	1	0	31	31
PhD Soil Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	1	0	17	17
Institute of Food Science and Nutrition																										
BSc (Hons) Home Economics	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
BSc (Hons) Human Nutrition and Dietetics	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	0	50	121
BSc (Hons) Food Science and Technology	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	100	0	0	0	0	100	171
MSc (Hons) Food Science and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	2	1	1	0	34	34
MS Human Nutrition and Dietetics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	2	1	1	0	29	29
MSc (Hons) Food and Nutrition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	2	1	1	0	29	29
PhD Food Science and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
PhD Food and Nutrition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	1	0	9	9
PhD Human Nutrition and Dietetics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	1	0	9	9

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		Teaching	Non Teaching																		Teaching	Non Teaching				
II. FACULTY OF ARTS AND HUMANITIES																										
College of Law																										
Bachelor of Laws (LLB)	119	3	3	2	0	1	4	1	1	1	3	2	1	1	0	8	0	0	150	0	0	0	0	0	0	150
Institute of Art and Design																										
BS in Fine Arts	35	3	3	1	0	1	2	1	1	1	3	1	1	1	2	0	0	10	66	0	0	0	0	0	0	66
BS in Interior Design	35	3	3	1	0	1	2	1	1	1	3	1	1	1	2	0	0	10	66	0	0	0	0	0	0	66
BS in Graphic Design	35	3	3	1	0	1	2	1	1	1	3	1	1	1	2	0	0	10	66	0	0	0	0	0	0	66
BS in Textile Design	35	3	3	1	0	1	2	1	1	1	3	1	1	1	2	0	0	10	66	0	0	0	0	0	0	66
Department Arabic Language and Literature																										
BS in Arabic	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Arabic (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	40	0	0	0	10	50	121
MPhil Arabic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Arabic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Communication and Media Studies																										
BS in Media & Communication Studies	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Digital and Social Media	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS Media & Communication Stud. (5th Sem. Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
MS Film and TV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MPhil Media and Communication Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
Department of English Language & Literature																										
BS in English (Language and Literature)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
BS in English (Literature) 5th Semester Intake	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
MPhil English Literature	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
Department of English Language & Linguistics																										
BS English (Language & Linguistics) weekend	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
BS in English (Language & Linguistics)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141

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Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
MPhil English (Linguistics) weekend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD English (Linguistics)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of English Language & Linguistics																										
BS in English (Language & Linguistics)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
BS English (Language & Linguistics) weekend	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
MPhil English (Linguistics) weekend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD English (Linguistics)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Information Management																										
BS in Information Management	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Information Management (5th Sem. Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Information Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Information Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Islamic Studies																										
BS in Islamic Studies	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Islamic Studies (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Islamic Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Islamic Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department Persian Language and Literature																										
BS in Persian	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Persian (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Persian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	1	1	0	14	14
MPhil Persian weekend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	1	1	0	14	14
Department Punjabi Language, Literature and Culture																										
BS in Punjabi	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Punjabi (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
Department of Sports Sciences																										
BS in Physical Education	40	3	3	2	0	1	2	1	0	0	3	1	1	1	5	0	0	10	73	50	0	0	0	10	60	133
BS in Physical Education (5th Semester Intake)	40	3	3	2	0	1	2	1	0	0	3	1	1	1	5	0	0	10	73	50	0	0	0	10	60	133

*** Each student admitted on "Self Finance" basis shall pay Rs. two lacs (200,000) per year in addition to the normal Self-Support semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Following seats are reserved in addition to the above mentioned seats:

1. Total 10 seats (in Faculty of Arts & Humanities and Social Sciences only) are reserved for students having distinction in Co-curricular activities to be selected by a Committee to be appointed by the Vice-Chancellor for this purpose (not more than one in any department).
2. Total 04 seats for candidates nominated from AJK in Faculty of Arts & Humanities and Faculty of Social Sciences only (not more than one in any Department)
3. Total 34 seats (where Triable Areas quota is applicable) are reserved for the candidates nominated from Triable Areas of Ranjan Pur and Dera Ghazi Khan (not more than one in each department).

Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
Department of Urdu Language and Literature																										
BS in Urdu	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Urdu (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
MPhil Urdu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MPhil Urdu weekend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	2	1	1	0	28	28
PhD Urdu weekend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
FACULTY OF COMPUTING AND INFORMATION TECHNOLOGY																										
Department of Computer Science																										
BS in Computer Science	20	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	51	0	0	0	0	0	0	51
BS in Computer Science – Specialization in AI	20	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	51	0	0	0	0	0	0	51
MS Artificial Intelligence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MS Computer Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Computer Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	09	0	0	1	0	10	10
Department of Information Technology																										
BS in Computer Science - Specialization in Information Technology	30	3	3	2	5	1	2	1	1	0	3	1	1	1	2	0	0	0	56	0	0	0	0	0	0	56
BS in Cyber Security	30	3	3	2	5	1	2	1	1	0	3	1	1	1	2	0	0	0	56	0	0	0	0	0	0	56
BS in Computer Science – Specialization in Cloud Computing	30	3	3	2	5	1	2	1	1	0	3	1	1	1	2	0	0	0	56	0	0	0	0	0	0	56
BS in Information Technology (5th Sem. Intake)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	10	50	50
MS Information Technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Information Technology (weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Software Engineering																										
BS in Computer Science – Specialization in Software Engineering	20	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	51	0	0	0	0	0	0	51
BS in Computer Science – Specialization in Data Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	50	50

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Following seats are reserved in addition to the above mentioned seats:

1. Total 10 seats (in Faculty of Arts & Humanities and Social Sciences only) are reserved for students having distinction in Co-curricular activities to be selected by a Committee to be appointed by the Vice-Chancellor for this purpose (not more than one in any department).
2. Total 04 seats for candidates nominated from AJK in Faculty of Arts & Humanities and Faculty of Social Sciences only (not more than one in any Department)
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Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
MS Software Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MS Software Engineering (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
FACULTY OF ENGINEERING AND TECHNOLOGY																										
College of Engineering and Technology																										
Department of Mechanical, Industrial & Energy Systems (DMIES)																										
BSc Mechanical Engineering	32	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	40	0	0	0	0	0	0	40
Bachelor of Engineering Technology (Mechanical) [B.E. Tech (Mechanical)]	37	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	45	0	0	0	0	0	0	45
Bachelor of Engineering Technology (Bio-medical) [B.E. Tech (Bio-medical)]	37	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	45	0	0	0	0	0	0	45
MSc Mechanical Engineering (weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	2	1	1	0	21	21
Department of Electrical, Electronics & Computer Systems (DEECS)																										
BSc Electrical Engineering	32	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	40	0	0	0	0	0	0	40
BSc Computer Engineering	42	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	50	0	0	0	0	0	0	50
Bachelor of Engineering Technology (Electrical) [B.E. Tech (Electrical)]	37	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	45	0	0	0	0	0	0	45
MSc Electrical Engineering (weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	2	1	1	0	21	21
Department of Civil, Environment & Transportation Systems (DCETS)																										
BSc Civil Engineering	32	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	40	0	0	0	0	0	0	40
Bachelor of Engineering Technology (Civil) [B.E. Tech (Civil)]	37	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	45	0	0	0	0	0	0	45
FACULTY OF MEDICAL AND HEALTH SCIENCES																										
Department of Allied Health Sciences																										
Doctor of Physical Therapy (DPT)	40	3	3	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	50	50	0	0	0	0	50	100
BS in Medical Laboratory Technology (MLT)	40	3	3	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	50	50	0	0	0	0	50	100
BS in Radiography and Imaging Technology (RIT)	40	3	3	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	50	50	0	0	0	0	50	100

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	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
FACULTY OF PHARMACY																										
College of Pharmacy																										
PharmD	70	3	3	2	0	10	2	1	1	0	3	1	1	1	0	0	2	0	100	90	0	0	0	10	100	200
MPhil Pharmaceutical Chemistry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	2	1	1	0	15	15
MPhil Pharmacy Practice	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MPhil Pharmacology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2	1	1	0	20	20
MPhil Pharmaceutics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	2	1	1	0	30	30
MPhil Pharmacognosy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Pharmaceutics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
PhD Pharmacology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
FACULTY OF SCIENCES																										
Institute of Chemistry																										
BS in Chemistry	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
BS in Biochemistry	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
BS in Chemistry (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
MPhil Chemistry (Analytical / Inorganic Chemistry)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	2	1	1	0	44	44
MPhil Chemistry (Biochemistry)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MPhil Chemistry (Organic Chemistry)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MPhil Chemistry (Physical Chemistry)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	1	1	0	19	19
PhD Chemistry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	1	0	16	16
Department of Biotechnology																										
BS in Biotechnology	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	100	0	0	0	10	110	181
BS in Microbiology	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	100	0	0	0	10	110	181
MPhil Biotechnology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	2	1	1	0	38	38
PhD Biotechnology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	1	0	12	12

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For College of Pharmacy

*If reserved quota seats (except Foreign/Overseas Quota) shall remain vacant then it shall be filled on open merit. However, total number of admissions shall be 200 only as per existing policy of Pakistan Pharmacy Council.

** Vacant foreign/overseas seats shall be filled according to the following breakup:

Industrial Quota Seats = 20%

Special Self-Support Quota Seats = 80%

Provision of reference letter from Pharmaceutical Industry shall be mandatory for admission against Industrial quota seats. The candidates admitted against industrial & special self-support quota seats will deposit Rs. 2,00,000/- per annum in addition to semester fee (reserved for son/daughter of Pharmaceutical Industry Owner).

*** Each student admitted on "Self Finance" basis shall pay Rs. one lacs (100,000) per year in addition to the normal Self-Support semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
Department of Botany																										
BS in Botany	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	100	0	0	0	10	110	181
BS in Botany (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	100	0	0	0	10	110	181
MPhil Botany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	2	1	1	0	50	50
PhD Botany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Earth Sciences																										
BS in Geology	40	3	3	2	5+5	1	2	1	0	0	3	1	1	1	2	0	0	10	80	0	0	0	0	0	0	80
BS in Geography	40	3	3	2	0	1	2	1	0	0	3	1	1	1	2	0	0	10	70	0	0	0	0	0	0	70
BS in Environmental Sciences	40	3	3	2	5	1	2	1	0	0	3	1	1	1	2	0	0	10	75	0	0	0	0	0	0	75
BS in Geography (5th Semester Intake)	40	3	3	2	0	1	2	1	0	0	3	1	1	1	2	0	0	10	70	0	0	0	0	0	0	70
MPhil Geography	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	1	0	0	18	18
MS Geology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	1	0	0	18	18
PhD Geology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5
Department of Mathematics																										
BS in Mathematics	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	100	0	0	0	10	110	181
BS in Mathematics (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Mathematics (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	2	1	1	0	34	34
MPhil Mathematics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	2	1	1	0	64	64
PhD Mathematics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	1	0	16	16
Department of Physics																										
BS in Physics	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Physics (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	2	1	1	0	34	34
MPhil Physics weekend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11

*** Each student admitted on "Self Finance" basis shall pay Rs. two lacs (200,000) per year in addition to the normal Self-Support semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Following seats are reserved in addition to the above mentioned seats:

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2. Total 04 seats for candidates nominated from AJK in Faculty of Arts & Humanities and Faculty of Social Sciences only (not more than one in any Department)
3. Total 34 seats (where Triable Areas quota is applicable) are reserved for the candidates nominated from Triable Areas of Ranjan Pur and Dera Ghazi Khan (not more than one in each department).

Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
Department of Statistics																										
BS in Statistics	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Data Analytics	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Statistics (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Statistics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	2	1	1	0	29	29
PhD Statistics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Zoology																										
BS in Zoology	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	0	61	100	0	0	0	0	100	161
BS in Zoology (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	0	61	100	0	0	0	0	100	161
PhD Zoology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
FACULTY OF SOCIAL SCIENCES																										
Institute of Education																										
BS in Education	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Special Education	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
Bachelor of Education (B.Ed) 4-Year	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS Education (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	60	0	0	0	10	70	141
Bachelor of Education (B.Ed) 5th Semester Intake	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
B.Ed (1.5 year) General	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
B.Ed (1.5 year) ELT	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
B.Ed (1.5 year) Science Education	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
MPhil Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MPhil Education (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Economics																										
BS in Economics	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	150	0	0	0	10	160	231
BS in Economics with Data Science	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	150	0	0	0	10	160	231
BS in Economics (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Economics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	2	1	1	0	29	29
PhD Economics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11

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Following seats are reserved in addition to the above mentioned seats:

1. Total 10 seats (in Faculty of Arts & Humanities and Social Sciences only) are reserved for students having distinction in Co-curricular activities to be selected by a Committee to be appointed by the Vice-Chancellor for this purpose (not more than one in any department).
2. Total 04 seats for candidates nominated from AJK in Faculty of Arts & Humanities and Faculty of Social Sciences only (not more than one in any Department)
3. Total 34 seats (where Triable Areas quota is applicable) are reserved for the candidates nominated from Triable Areas of Ranjan Pur and Dera Ghazi Khan (not more than one in each department).

Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
Department of History and Pakistan Studies																										
BS in History	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
BS in Pakistan Studies	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
BS History (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
BS Pakistan Studies (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	0	0	0	0	0	0	71
MPhil History	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD History	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of International Relations																										
BS in International Relations	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in International Relations (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil International Relations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	2	1	1	0	22	22
MPhil International Relations (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	2	1	1	0	22	22
Malik Firoz Khan Noon Business School																										
BBA (4-year)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	100	0	0	0	10	110	181
BBA (after 14 years of education) bridging program	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS Islamic Banking and Finance	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS Entrepreneurship	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS Commerce	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS Business Analytics	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS Accounting and Finance	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MBA (based on relevant qualification)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	2	1	1	0	84	84
MBA (based on non-relevant qualification)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	2	1	1	0	84	84
MS Management Sciences (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Management Sciences (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11

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	REGULAR																			SELF SUPPORT						
	Open Merit	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Children/Wards of martyrs/war disabled personnel	For Specific Diploma / DAE / Subject / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Self Finance ***	Total (Regular)	Self Support (Replica)	UOS Regular Employees (Interconvertible)		Disabled Persons	Self Finance ***	Total (Self Support)	Grand Total
		Teaching	Non Teaching																		Teaching	Non Teaching				
Department of Political Science																										
BS in Political Science	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Political Science (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Political Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	1	1	0	19	19
PhD Political Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	04	0	0	1	0	05	05
MPhil Political Science (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	1	1	0	19	19
PhD Political Science (weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	04	0	0	1	0	05	05
Department of Psychology																										
BS in Psychology	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Psychology (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
ADCP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20	20
MS Clinical Psychology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MS Psychology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
MS Industrial Organizational Psychology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Psychology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Social Work																										
BS in Social Work	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Social Work (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Social Work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24
PhD Social Work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	1	0	11	11
Department of Sociology and Criminology																										
BS in Sociology	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Criminology	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
BS in Sociology (5th Semester Intake)	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	10	71	50	0	0	0	10	60	131
MPhil Sociology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	1	0	24	24

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Fee Structure (Except Faculty of Medical and Health Sciences)

Details	To be paid	College of Agriculture								Institute of Food Science and Nutrition				College of Law	Institute of Art and Design		Arabic Language and Literature			
		PhD		MSc(Hons)/MS		Diploma		All BS/BSc (Hons)		PhD	MS/MPhil	All BSc (Hons.)		Bachelor of Laws (LL.B)	All BS	Dip.	PhD	MPhil	All BS	
		SS**	Weekend	SS**	Weekend	Weekend	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	Reg**	Reg*	SS**	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	9000	18000	3000	9000	9000	3000	3000	3000	9000	3000	3000	3000	3000	3000	3000	9000	3000	3000	3000
Tuition Fee	Per Semester	48750	73125	44350	66525	55525	37750	21650	32650	48750	44350	27150	34850	66750	25250	37350	47550	44350	21650	27150
Bus Card Fee	Per Semester	2500	3750	2500	3750	3750	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Masjid Fund	Per Semester	100	150	100	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	225	150	225	225	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	4000	4000	4000	4000	2000	2000	4000	4000	2000	2000	2000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	150	225	150	225	225	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Medical Fund	Per Semester	50	75	50	75	75	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Internet Charges	Per Semester	500	750	500	750	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Registration Fee***	Once Only	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Science Breakage	Per Semester	1000	1500	1000	1500	1500	1000	0	0	1000	1000	0	0	0	0	0	0	0	0	0
Sports Fund	Per Semester	500	750	500	750	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	250	375	250	375	375	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Magazine Fund	Per Semester	100	150	100	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	5000	7500	5000	7500	7500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Examination Fee	Per Semester	2500	3750	2500	3750	3750	2500	2000	2000	2500	2500	2000	2000	2000	2000	2000	2500	2500	2000	2000
Benevolent Fund	Per Semester	50	75	50	75	75	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	1000	1000	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	2000	0	0	0	0
Maintenance Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I)**		**79600**	**119400**	**69200**	**103800**	**92800**	**62600**	**43000**	**54000**	**79600**	**69200**	**48500**	**56200**	**88100**	**49600**	**61700**	**77400**	**68200**	**43000**	**48500**
Total (Semester-II & onwards)		**61600**	**92400**	**57200**	**85800**	**74800**	**50600**	**33000**	**44000**	**61600**	**57200**	**38500**	**46200**	**78100**	**39600**	**51700**	**59400**	**56200**	**33000**	**38500**

* Reg (Regular)
** SS (Self Support)
*** Only for those students who are not already registered with University of Sargodha
**** Subject to revision from 2nd and subsequent semesters.

Note:
1. For all Foreign/Overseas seats regular fee + 1,000/- US Dollar additional shall be charged each year (each semester for Faculty of Pharmacy).
2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.
4. Only Enrolled/registered Tehsil bus users/bus card holders shall be exempted from paying Bus Card Fee.
5. These dues are subject to revision at any time in subsequent semesters
6. Each student admitted on "Self Finance" basis shall pay Rs. one lac (100,000) per year in addition to the normal semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Details	To be paid	Communication and Media Studies				English Language & Literature and English Language and Linguistics					Information Management				Islamic Studies				Persian Language and Literature			
		PhD	MPhil	All BS		PhD	MPhil	BS			PhD	MPhil	BS		PhD	MPhil	BS		MPhil		BS	
		SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	Weekend	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	Weekend	Reg*	SS**
Admission Fee	Once Only	9000	3000	3000	3000	9000	3000	3000	3000	4500	9000	3000	3000	3000	9000	3000	3000	3000	3000	9000	3000	3000
Tuition Fee	Per Semester	47500	44350	21650	27150	47550	44350	21650	27150	40725	47550	44350	21650	27150	47550	44350	21650	27150	44350	66525	21650	27150
Bus Card Fee	Per Semester	2500	2500	2500	2500	2500	2500	2500	2500	3750	2500	2500	2500	2500	2500	2500	2500	2500	2500	3750	2500	2500
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100	150	100	100	100	100	100	100	100	100	100	150	100	100
General Fund	Per Semester	150	150	150	150	150	150	150	150	225	150	150	150	150	150	150	150	150	150	225	150	150
Library Security (Refundable)	Once Only	4000	4000	2000	2000	4000	4000	2000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	150	150	150	150	150	150	150	150	225	150	150	150	150	150	150	150	150	150	225	150	150
Medical Fund	Per Semester	50	50	50	50	50	50	50	50	75	50	50	50	50	50	50	50	50	50	75	50	50
Internet Charges	Per Semester	500	500	500	500	500	500	500	500	750	500	500	500	500	500	500	500	500	500	750	500	500
University Registration Fee***	Once Only	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Science Breakage	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports Fund	Per Semester	500	500	500	500	500	500	500	500	750	500	500	500	500	500	500	500	500	500	750	500	500
Computer Fund	Per Semester	250	250	250	250	250	250	250	250	375	250	250	250	250	250	250	250	250	250	375	250	250
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	150	100	100	100	100	100	100	100	100	100	150	100	100
Utility Charges	Per Semester	5000	5000	5000	5000	5000	5000	5000	5000	7500	5000	5000	5000	5000	5000	5000	5000	5000	5000	7500	5000	5000
Examination Fee	Per Semester	2000	2500	2000	2000	2500	2500	2000	2000	3000	2500	2500	2000	2000	2500	2500	2000	2000	2500	3750	2000	2000
Benevolent Fund	Per Semester	50	50	50	50	50	50	50	50	75	50	50	50	50	50	50	50	50	50	75	50	50
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	1000	1000	1000	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I)**		**77850**	**69200**	**44000**	**49500**	**77400**	**68200**	**43000**	**48500**	**69250**	**77400**	**68200**	**43000**	**48500**	**77400**	**68200**	**43000**	**48500**	**68200**	**102300**	**43000**	**48500**
Total (Semester-II & onwards)		**59850**	**57200**	**34000**	**39500**	**59400**	**56200**	**33000**	**38500**	**57750**	**59400**	**56200**	**33000**	**38500**	**59400**	**56200**	**33000**	**38500**	**56200**	**84300**	**33000**	**38500**

* Reg (Regular)
** SS (Self Support)
*** Only for those students who are not already registered with University of Sargodha
**** Subject to revision from 2nd and subsequent semesters.

Note:
1. For all Foreign/Overseas seats regular fee + 1,000/- US Dollar additional shall be charged each year (each semester for Faculty of Pharmacy).
2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.
4. Only Enrolled/registered Tehsil bus users/bus card holders shall be exempted from paying Bus Card Fee.
5. These dues are subject to revision at any time in subsequent semesters
6. Each student admitted on "Self Finance" basis shall pay Rs. one lac (100,000) per year in addition to the normal semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Details	To be paid	Punjabi Language Literature & Culture		Sports Sciences		Urdu Language and Literature						Computer Science Information Technology Software Engineering				
		BS		All BS		PhD		MPhil		All BS		PhD		MS	All BS	
		Reg*	SS**	Reg*	SS**	SS**	Weekend	SS**	Weekend	Reg*	SS**	SS**	Weekend	SS**	Reg*	SS**
Admission Fee	Once Only	3000	3000	3000	3000	9000	18000	9000	9000	3000	3000	9000	18000	3000	3000	3000
Tuition Fee	Per Semester	21650	27150	21650	29350	47550	71325	47550	66525	21650	27150	67650	101475	62150	35150	51650
Bus Card Fee	Per Semester	2500	2500	2500	2500	2500	3750	2500	3750	2500	2500	2500	3750	2500	2500	2500
Masjid Fund	Per Semester	100	100	100	100	100	150	100	150	100	100	100	150	100	100	100
General Fund	Per Semester	150	150	150	150	150	225	150	225	150	150	150	225	150	150	150
Library Security (Refundable)	Once Only	2000	2000	2000	2000	4000	4000	4000	4000	2000	2000	4000	4000	4000	2000	2000
Welfare Fund	Per Semester	150	150	150	150	150	225	150	225	150	150	150	225	150	150	150
Medical Fund	Per Semester	50	50	50	50	50	75	50	75	50	50	50	75	50	50	50
Internet Charges	Per Semester	500	500	500	500	500	750	500	750	500	500	500	750	500	500	500
University Registration Fee***	Once Only	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Science Breakage	Per Semester	0	0	0	0	0	0	0	0	0	0	50	75	50	50	50
Sports Fund	Per Semester	500	500	500	500	500	750	500	750	500	500	500	750	500	500	500
Computer Fund	Per Semester	250	250	250	250	250	375	250	375	250	250	1000	1500	1000	1000	1000
Magazine Fund	Per Semester	100	100	100	100	100	150	100	150	100	100	100	150	100	100	100
Utility Charges	Per Semester	5000	5000	5000	5000	5000	7500	5000	7500	5000	5000	5000	7500	5000	5000	5000
Examination Fee	Per Semester	2000	2000	2000	2000	2500	3750	2500	3750	2000	2000	2500	3750	2500	2000	2000
Benevolent Fund	Per Semester	50	50	50	50	50	75	50	75	50	50	50	75	50	50	50
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I)**		**43000**	**48500**	**43000**	**50700**	**77400**	**116100**	**77400**	**102300**	**43000**	**48500**	**98300**	**147450**	**86800**	**57300**	**73800**
Total (Semester-II & onwards)		**33000**	**38500**	**33000**	**40700**	**59400**	**89100**	**59400**	**84300**	**33000**	**38500**	**80300**	**120450**	**74800**	**47300**	**63800**

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Note:
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2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.
4. Only Enrolled/registered Tehsil bus users/bus card holders shall be exempted from paying Bus Card Fee.
5. These dues are subject to revision at any time in subsequent semesters
6. Each student admitted on "Self Finance" basis shall pay Rs. one lac (100,000) per year in addition to the normal semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Details	To be paid	College of Engineering and Technology						College of Pharmacy				Institute of Chemistry				Biotechnology				Botany			
		All MSc	All BSc Engineering	B.E. Tech (Civil)		B.E. Tech (Electrical) and B.E. Tech Mechanical)		PhD	MPhil	PharmD		PhD	All MPhil	BS		PhD	MPhil	All BS		PhD	MPhil	BS	
		SS**	Reg*	Reg*	SS*	Reg*	SS*	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	3000	3000	3000	3000	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000
Tuition Fee	Per Semester	75650	52550	40050	81850	39350	81150	77650	77650	49050	77650	48750	44350	21650	32650	59750	59750	21650	32650	48750	44350	21650	32650
Bus Card Fee	Per Semester	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	4000	4000	4000	4000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Medical Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Internet Charges	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Registration Fee***	Once Only	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Science Breakage	Per Semester	1500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	1000	1000	0	0	1000	1000	0	0
Sports Fund	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Examination Fee	Per Semester	2500	2500	2500	2500	2500	2500	2500	2500	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000
Benevolent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Development Charges	Per Semester	0	0	0	0	0	0	10930	10930	2500	2500	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance Charges	Per Semester	0	0	0	0	0	0	0	0	1000	1000	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	10000	5000	5000	5000	5000	5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	1500	1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I)**		**111000**	**82400**	**71400**	**113200**	**69200**	**111000**	**119430**	**113430**	**74900**	**103500**	**79600**	**69200**	**43000**	**54000**	**90600**	**84600**	**43000**	**54000**	**79600**	**69200**	**43000**	**54000**
Total (Semester-II & onwards)		**99000**	**70400**	**59400**	**101200**	**57200**	**99000**	**101403**	**101430**	**64900**	**93500**	**61600**	**57200**	**33000**	**44000**	**72600**	**72600**	**33000**	**44000**	**61600**	**57200**	**33000**	**44000**

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4. Only Enrolled/registered Tehsil bus users/bus card holders shall be exempted from paying Bus Card Fee.
5. These dues are subject to revision at any time in subsequent semesters
6. Each student admitted on "Self Finance" basis shall pay Rs. one lac (100,000) per year in addition to the normal semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Details	To be paid	Earth Science			Mathematics					Physics					Statistics				Zoology			
		PhD	All MS/MPhil	All BS	PhD	MPhil		BS		PhD	MPhil		All BS		PhD	MPhil	All BS		PhD	MPhil	All BS	
		SS**	SS**	Reg*	SS**	SS**	Weekend	Reg*	SS**	SS**	SS**	Weekend	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	9000	3000	3000	9000	3000	9000	3000	3000	9000	3000	9000	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000
Tuition Fee	Per Semester	48750	44350	21650	47550	44350	66375	21650	32650	48750	44350	66525	21650	32650	48750	44350	21650	32650	48750	44350	21650	32650
Bus Card Fee	Per Semester	2500	2500	2500	2500	2500	3750	2500	2500	2500	2500	3750	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Masjid Fund	Per Semester	100	100	100	100	100	150	100	100	100	100	150	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	225	150	150	150	150	225	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	2000	4000	4000	4000	2000	2000	4000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	150	150	150	150	150	225	150	150	150	150	225	150	150	150	150	150	150	150	150	150	150
Medical Fund	Per Semester	50	50	50	50	50	75	50	50	50	50	75	50	50	50	50	50	50	50	50	50	50
Internet Charges	Per Semester	500	500	500	500	500	750	500	500	500	500	750	500	500	500	500	500	500	500	500	500	500
University Registration Fee***	Once Only	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Science Breakage	Per Semester	1000	1000	0	0	0	0	0	0	1000	1000	1500	0	0	1000	1000	0	0	1000	1000	0	0
Sports Fund	Per Semester	500	500	500	500	500	750	500	500	500	500	750	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	250	250	250	250	250	375	250	250	250	250	375	250	250	250	250	250	250	250	250	250	250
Magazine Fund	Per Semester	100	100	100	100	100	150	100	100	100	100	150	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	5000	5000	5000	5000	5000	7500	5000	5000	5000	5000	7500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Examination Fee	Per Semester	2500	2500	2000	2500	2500	3750	2000	2000	2500	2500	3750	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000
Benevolent Fund	Per Semester	50	50	50	50	50	75	50	50	50	50	75	50	50	50	50	50	50	50	50	50	50
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I)**		**79600**	**69200**	**43000**	**77400**	**68200**	**102150**	**43000**	**54000**	**79600**	**69200**	**103800**	**43000**	**54000**	**79600**	**69200**	**43000**	**54000**	**79600**	**69200**	**43000**	**54000**
Total (Semester-II & onwards)		**61600**	**57200**	**33000**	**59400**	**56200**	**84150**	**33000**	**44000**	**61600**	**57200**	**85800**	**33000**	**44000**	**61600**	**57200**	**33000**	**44000**	**61600**	**57200**	**33000**	**44000**

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3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.
4. Only Enrolled/registered Tehsil bus users/bus card holders shall be exempted from paying Bus Card Fee.
5. These dues are subject to revision at any time in subsequent semesters
6. Each student admitted on "Self Finance" basis shall pay Rs. one lac (100,000) per year in addition to the normal semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Details	To be paid	Institute of Education					Economics					History and Pakistan Studies				Malik Firoz Khan Noon Business School						
		PhD	MPhil	MPhil	All BS / BEd		PhD	MPhil	MPhil	All BS		PhD	MPhil	BS		PhD	MS	MBA		Exec.MBA	All BBA & BS	
		SS**	SS**	Weekend	Reg*	SS**	SS**	SS**	Weekend	Reg*	SS**	SS**	SS**	Reg*	SS**	(Weekend)	(Weekend)	Reg*	SS**	(Weekend)	Reg*	SS**
Admission Fee	Once Only	9000	3000	9000	3000	3000	9000	3000	9000	3000	3000	9000	3000	3000	3000	18000	9000	3000	3000	9000	3000	3000
Tuition Fee	Per Semester	47550	44350	65825	21650	27150	47550	44350	65825	21650	27150	47550	44350	21650	27150	75725	65825	26050	34850	65825	22750	29350
Bus Card Fee	Per Semester	2500	2500	3750	2500	2500	2500	2500	3750	2500	2500	2500	2500	2500	2500	3750	3750	2500	2500	3750	2500	2500
Masjid Fund	Per Semester	100	100	150	100	100	100	100	150	100	100	100	100	100	100	150	150	100	100	150	100	100
General Fund	Per Semester	150	150	225	150	150	150	150	225	150	150	150	150	150	150	225	225	150	150	225	150	150
Library Security (Refundable)	Once Only	4000	4000	4000	2000	2000	4000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	2000	2000
Welfare Fund	Per Semester	150	150	225	150	150	150	150	225	150	150	150	150	150	150	225	225	150	150	225	150	150
Medical Fund	Per Semester	50	50	75	50	50	50	50	75	50	50	50	50	50	50	75	75	50	50	75	50	50
Internet Charges	Per Semester	500	500	750	500	500	500	500	750	500	500	500	500	500	500	750	750	500	500	750	500	500
University Registration Fee***	Once Only	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Science Breakage	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports Fund	Per Semester	500	500	750	500	500	500	500	750	500	500	500	500	500	500	750	750	500	500	750	500	500
Computer Fund	Per Semester	250	250	375	250	250	250	250	375	250	250	250	250	250	250	375	375	250	250	375	250	250
Magazine Fund	Per Semester	100	100	150	100	100	100	100	150	100	100	100	100	100	100	150	150	100	100	150	100	100
Utility Charges	Per Semester	5000	5000	7500	5000	5000	5000	5000	7500	5000	5000	5000	5000	5000	5000	7500	7500	5000	5000	7500	5000	5000
Examination Fee	Per Semester	2500	2500	3750	2000	2000	2500	2500	3750	2000	2000	2500	2500	2000	2000	3750	3750	2000	2000	3750	2000	2000
Benevolent Fund	Per Semester	50	50	75	50	50	50	50	75	50	50	50	50	50	50	75	75	50	50	75	50	50
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I)**		**77400**	**68200**	**101600**	**43000**	**48500**	**77400**	**68200**	**101600**	**43000**	**48500**	**77400**	**68200**	**43000**	**48500**	**120500**	**101600**	**47400**	**56200**	**101600**	**44100**	**50700**
Total (Semester-II & onwards)		**59400**	**56200**	**83600**	**33000**	**38500**	**59400**	**56200**	**83600**	**33000**	**38500**	**59400**	**56200**	**33000**	**38500**	**93500**	**83600**	**37400**	**46200**	**83600**	**34100**	**40700**

* Reg (Regular)
** SS (Self Support)
*** Only for those students who are not already registered with University of Sargodha
**** Subject to revision from 2nd and subsequent semesters.

Note:
1. For all Foreign/Overseas seats regular fee + 1,000/- US Dollar additional shall be charged each year (each semester for Faculty of Pharmacy).
2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.
4. Only Enrolled/registered Tehsil bus users/bus card holders shall be exempted from paying Bus Card Fee.
5. These dues are subject to revision at any time in subsequent semesters
6. Each student admitted on "Self Finance" basis shall pay Rs. one lac (100,000) per year in addition to the normal semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Details	To be paid	International Relations Political Science						Psychology					Social Work				Sociology and Criminology			
		PhD		All MPhil	All MPhil	All BS		PhD	MS/ MPhil	ADCP	All BS		PhD	MPhil	All BS		PhD	MPhil	BS	
		SS**	Weekend	SS**	Weekend	Reg*	SS**	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	9000	18000	3000	18000	3000	3000	9000	3000	3000	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000
Tuition Fee	Per Semester	47550	71325	44350	71325	21650	27150	48750	44350	37750	21650	28250	47550	44350	21150	28300	48750	44350	21650	28250
Bus Card Fee	Per Semester	2500	3750	2500	3750	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Masjid Fund	Per Semester	100	150	100	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	225	150	225	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	4000	4000	2000	2000	4000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	150	225	150	225	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Medical Fund	Per Semester	50	75	50	75	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Internet Charges	Per Semester	500	750	500	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Registration Fee***	Once Only	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Science Breakage	Per Semester	0	0	0	0	0	0	1000	1000	1000	0	0	0	0	0	0	1000	1000	0	0
Sports Fund	Per Semester	500	750	500	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	250	375	250	375	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Magazine Fund	Per Semester	100	150	100	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	5000	7500	5000	7500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Examination Fee	Per Semester	2500	3750	2500	3750	2000	2000	2500	2500	2500	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000
Benevolent Fund	Per Semester	50	75	50	75	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	500	500	0	0	0	0
Total (Semester-I)**		**77400**	**116100**	**68200**	**116100**	**43000**	**48500**	**79600**	**69200**	**62600**	**43000**	**49600**	**77400**	**68200**	**43000**	**50150**	**79600**	**69200**	**43000**	**49600**
Total (Semester-II & onwards)		**59400**	**89100**	**56200**	**89100**	**33000**	**38500**	**61600**	**57200**	**50600**	**33000**	**39600**	**59400**	**56200**	**33000**	**40150**	**61600**	**57200**	**33000**	**39600**

* Reg (Regular)
** SS (Self Support)
*** Only for those students who are not already registered with University of Sargodha
**** Subject to revision from 2nd and subsequent semesters.

Note:
1. For all Foreign/Overseas seats regular fee + 1,000/- US Dollar additional shall be charged each year (each semester for Faculty of Pharmacy).
2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.
4. Only Enrolled/registered Tehsil bus users/bus card holders shall be exempted from paying Bus Card Fee.
5. These dues are subject to revision at any time in subsequent semesters
6. Each student admitted on "Self Finance" basis shall pay Rs. one lac (100,000) per year in addition to the normal semester fee. However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

Faculty of Medical and Health Sciences

All 4-Year and 5-Year Degree Programs

Details	To be paid	University Nursing College		Allied Health Sciences					
		BS Nursing		DPT		BS MLT		BS RIT	
		Regular	SS	Regular	SS	Regular	SS	Regular	SS
Admission Fee	Once Only	5000	5000	5000	5000	5000	5000	5000	5000
Tuition Fee	Per Semester	36000	37500	47110	47110	47110	47110	47110	47110
Bus Card Fee	Per Semester	2500	2500	2500	2500	2500	2500	2500	2500
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100
General Fund	Per Semester	0	0	0	0	0	0	0	0
Library Security (Refundable)	Once Only	3000	3000	2000	2000	2000	2000	2000	2000
Welfare Fund	Per Semester	0	0	0	0	0	0	0	0
Medical Fund	Per Semester	50	50	50	50	50	50	50	50
Internet Charges	Per Semester	500	500	500	500	500	500	500	500
University Registration Fee***	Once Only	5000	5000	5000	5000	5000	5000	5000	5000
Science Breakage	Per Semester	1600	1600	700	700	700	700	700	700
Sports Fund	Per Semester	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	0	0	0	0	0	0	0	0
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	5000	5000	5000	5000	5000	5000	5000	5000
Examination Fee	Per Semester	5000	5000	0	0	0	0	0	0
Benevolent Fund	Per Semester	50	50	50	50	50	50	50	50
Development/Establishment Charges	Per Semester	4000	4000	5000	5000	5000	5000	5000	5000
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0
Maintenance Charges	Per Semester	5000	5000	5000	5000	5000	5000	5000	5000
Lab Charges	Per Semester	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0
Fee for Hospital Practice	Per Semester	500	500	500	500	500	500	500	500
Clinical Record Fee	Per Semester	100	100	100	100	100	100	100	100
Rent for Microscope	Per Semester	0	0	1000	1000	1000	1000	1000	1000
Fee for Practical Subjects	Per Semester	5000	5000	5000	5000	5000	5000	5000	5000
Internal Evaluation Fee	Per Semester	0	0	5000	5000	5000	5000	5000	5000
Self Support Charges	Per Semester	0	15000	0	30000	0	30000	0	30000
Council Registration Fee	Per Semester	0	0	500	500	500	500	500	500
Total (Semester-I) & (Semester-V After 14 year of Education		**79000**	**95500**	**90710**	**120710**	**90710**	**120710**	**90710**	**120710**
Total (Semester-II & onwards)		**66000**	**82500**	**78710**	**108710**	**78710**	**108710**	**78710**	**108710**

*** Only for those students who are not already registered with University of Sargodha

Note:
1 *PNMC Student registration fee will be submitted as per actual in 1st semester.
2 For all Foreign/Overseas seats, regular fee + 1000/- US Dollar additional shall be charged each year. (per semester for Faculty of Pharmacy)
3 All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
4 If duration of study is extended due to any reason, the fee shall be charged at the same rate.
5 Only Enrolled/registered Tehsil bus users/bus card holders shall be exempted from paying Bus Card Fee.
6 These dues are subject to revision at any time in subsequent semesters
7 For Self-finance seats: each student admitted on self-finance basis shall pay Rs. 1 Lac per year in addition to the normal semester fee.

Admission Regulations (Undergraduate)

Following are the Admission Regulations inclusive of amendments made till date for admission to all undergraduate programs (4-year BS/BCom/BBA, PharmD/LLB (Hons), etc), (2-year BS 5th Semester Intake etc) Diploma (1 year) Programs of the University Teaching Departments/ Constituent Colleges/ Institutes/School.

1. Short Title and Commencement

The regulations prescribed hereunder shall be called Admission Regulations (Undergraduate), University of Sargodha and are applicable from the academic year 2023-2024 and onward.

2. Definitions

In these rules and regulations unless the subject or context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say:

2.1 "Academic Year" means a year consisting of two regular semesters namely; Fall and Spring;

2.2 "Authority" means any of the Authorities of the University specified in the University Act;

2.3 "Dean" means the Chairperson of the Board of Faculty duly appointed by the Chancellor as per the provisions contained in the University of Sargodha Ordinance 2002;

2.4 "University" means the University of Sargodha;

2.5 "Vice Chancellor" means the Vice Chancellor of the University; who shall be competent to make decisions on admission related issues.

3. Introduction

Following are the guidelines, procedures, rules and regulations to be administered by all the Departments/ Colleges/Institutes/ Centers/Sub-Campus.

3.1 A copy of printed Admission Regulations shall be made available in all the Departments/ Colleges/ Institutes/ Centers/Sub-Campus as well as the University Library and Website for guidance.

3.2 The Vice Chancellor is authorized to increase and decrease the number of regular, self support and reserved seats according to student teacher ratio and availability of research supervision.

4. ADMISSION REGULATIONS

Admissions shall be made on the basis of merit in accordance with the criteria laid down by the Admission Committee from time to time, provided further that;

a) 75% seats are allocated on merit and 25% seats shall be reserved for passed-outs of (ADA/ADS/ADC etc) of UOS on merit for BS 5th Semester Intake regular programs.

b) Preference in case of admission to the Undergraduate classes will be given in the order of year of passing, starting from the current year.

c) Preference criteria for admission to all other classes, not enumerated above will be notified separately after it is chalked out by the Admission Committee and approved by the Vice Chancellor, but admission to these classes shall also be governed by these regulations.

4.1 The candidates who have passed HSSC/A-Level or any equivalent examination, OR who have passed the Intermediate Part-I exam (HSSC/A-Level) and are waiting for the results of the Intermediate Part-II (HSSC/A-Level), shall be eligible for admission to the next higher classes.

4.1.1 Merit of all undergraduate (after 12 years of education) programs should be determined as per following weightage:

Terminal degree = 60%
Matriculation marks = 40%

4.1.2 Undergraduate admission based on Intermediate (Part-I) result will be on "Provisional" basis subject to submission of Affidavit/Undertaking by the candidate. Confirmation of admission will made on the production of complete result of HSSC/A-levels after fulfilling prescribed admission requirements. In case the candidate fails to fulfill admission requirements, his/her admission shall stand cancelled and submitted/deposited fee/dues shall not be refunded.

4.1.3 The candidates who have passed ADS / ADA / ADC or any equivalent examination (14 years of education) shall be eligible for admission to the next higher classes. Moreover, merit of all next higher programs shall be determined on the basis of terminal degrees + additional criteria (if any) laid down by the relevant department/ college/ institute/ school

4.2 The Chairperson/Principal/Director of the Department/ College/ Institute/ Center/ School shall, each year, communicate for approval to the Admission Committee through the Dean of the Faculty concerned, prior to admissions, the total number of students to be admitted. This number can not be increased without the approval of the Vice Chancellor, nor shall the criteria be modified without his approval. Further, he shall be vested with the power to decide such issues as hardship case. Additional criteria for weightage in admission to a particular discipline against merit seats will be applicable.

4.3 Any student, who was rusticated, expelled, or whose entry in any Department/College/Institute/Center/School was banned for any reason whatsoever at any time during his/her academic career, shall not be admitted to any class without the permission of the Vice Chancellor on the recommendations of the Chairperson/Principal/Director, Dean concerned and Director Student Affairs.

Note: The Office of Director Students Affairs will circulate a complete list of such students to all colleges/institutes/ departments, against whom any kind of disciplinary action has been taken. The admissions of all such students will be processed in the light of regulation.

4.4 All difficulties connected with admission shall be resolved by the Admission Committee in consultation with Chairperson/Principal/Director of the Department/ College/ Institute/Center/ School and shall deem to be settled with the approval of the Vice Chancellor later on.

4.5 Any Reserved Seat which remains unfilled at the closing date or extended period may be transferred to the Open Merit Quota after the approval of Admission Committee on the recommendations of the Chairperson/ Principal/ Director of the Department/ College/ Institute/Center/school and Dean of the Faculty concerned, subject to the available remaining applications in the concerned degree program.

4.6 (i) Any person who has attained the age of twenty-six (26) years on the last date fixed for the receipt of the applications for admission shall not be admitted to undergraduate classes. Age limit for students seeking admissions after passing Intermediate or equivalent examination in any discipline of this university will be twenty-four (24) years. In case of real hardship, however, the Vice-Chancellor on the recommendations of the Chairperson/ Principal/ Director of the Department/ College/ Institute/Center and Dean of Faculty concerned, may relax this Regulation subject to the availability of vacant seat, after all available eligible candidates have been offered admission, up to a maximum of one year.

(ii) This age limit does not apply to the disciplines of B.Ed and MBA (Executive).

(iii) Age limit is also not applicable to the following candidates:

a. Spouse of University Employees seeking admission against the reserved seat.
b. Employees of University.
c. Army Personnel.

(iv) The age limit for government employees/employees of Govt. controlled corporations/autonomous bodies shall be followed as per Govt. rules, provided that they submit the NOC and study leave from their department to pursue such studies. However, no seat shall be reserved for this purpose.

(v) For the disciplines of Education (B.Ed 1.5-year), (05) seats shall be kept reserved for Govt. employees provided that they seek NOC from their parent department and remain on study leave for the duration of degree course.

4.7 All the government employees seeking admission to University of Sargodha are required to submit the following documents:

i) NOC from the competent authority (in case of self-support program)

ii) NOC and study leave from the competent authority (in case of regular program)

4.8 In case of admission to the Replica (Self-Support) Undergraduate classes of the Department/ College/ Institute/ Center/ School, the same regulations relating to the admission to regular morning classes shall be applicable.

4.9 (I) No student shall be admitted to a second or subsequent Undergraduate Degree in the Department/ College/Institute/Center/Sub-Campus/School except in professional degree course i.e. B.Ed and MBA (Executive) etc.

Explanation: "Students having 14 years of education will be eligible to take admission to BS 5th Semester Intake programs only, whereas the students having BS or 16 years education will be eligible to take admission in MS/MPhil programs only."

(ii) The degree courses of B.Ed and MBA Executive can be offered in parallel with other degrees in the same session or same year without time clash.

a. Degree obtained in regular mode in morning session in one university along with degree obtained in regular mode in evening session in different university is allowed"

b. Degree obtained in regular mode in morning session in one university along with degree obtained in private mode in the same university is allowed".

c. Degree obtained in regular mode in morning session in one university along with degree obtained in private mode in different university is allowed".

Note: Degrees with time clash are not allowed.

4.10 A migration/No Objection Certificate, in case of applicant having terminal degree from a University other than the University of Sargodha, must be produced by the candidate within 30 days of the admission for submission to the registration branch of Registrar Office.

4.11 The migration of a student from another University to the University of Sargodha to a Department/College/Institute/Center/School of the University of Sargodha and vice versa will be governed only in accordance with the Migration Policy of University of Sargodha, provided that the student falls in the merit list drawn by the University and belong to a university recognized by HEC.

4.12 Inter-departmental migration will be allowed on the recommendations of the Chairperson/Principal/Director concerned, with the written approval of the Dean of the Faculty, provided that, the student concerned would have been offered admission, on merit basis in the Department/College/Institute to which he/she wishes to migrate. The maximum time period, during which such a migration may take place, shall be 02 weeks from the commencement of the teaching session. The migration will be allowed only in genuine cases.

4.13 In order to streamline the interdepartmental/ Inter-disciplinary fee transfer cases, a fee transfer form will be available in the online admission portal of the candidate according to his/her eligibility, during the admission process only.

4.14 However, the form transfer will be allowed to only those programs/departments in which the seats will remain vacant at the closure of admission process and there are no waiting candidates i.e. lists have been displayed till the last entry. A final list of programs/departments to which forms can be transferred will be approved by the Chairperson Admission Committee and approval of the transfer will be granted accordingly and the concerned departments will also be intimated. The policy order of merit will be followed in all these cases.

Form transfer shall further be subject to following categories:

i) A candidate, who has applied in any of the program/department but failed to seek admission in that program/department, if he/she intends to transfer his/her admission form to any other program/ department in which he/she has not applied but seats are still lying vacant, can be transferred.

ii) A student who has applied in any of the program/ department and admitted in the same program/ department, if he/she wants to transfer his/her admission to any other program/department in which he/she has not applied but seats are still lying vacant, cannot be transferred.

In addition to this, a standard procedure will be followed for form transfer. The candidate interested in transfer of the Admission Form will be required to submit an application through his/her online admission portal, subject to his/her eligibility in the respective degree program.

Transfer of any Fee or Admission Form(s) without the approval of the Chairperson Admission Committee will be considered null and void.

4.15 The relevant authenticated certificate in respect of Hafiz-e-Quran must be attached with the online admission application failing which no credit will be given. Moreover, the applicant must pass the Hafiz-e-Quran test conducted by the relevant committee of the University.

4.16 If there is a tie between two or more candidates having equal merit, their merit will be determined on the basis of their ages, the candidates older in age shall be given preference over the younger.

4.17 The FA/FSc/ADA/ADS/BS degree of other Pakistani Universities / Boards where the subject English is not compulsory shall not be considered as equivalent to the University of Sargodha and such students shall not be admitted in next higher classes.

4.18 In case of any other university, whose examination/ curriculum is different from UOS, all the Departments will forward the cases with comments to determine Equivalence to Chairperson Equivalence Committee for decision before last merit list is displayed.

4.19 Equivalence Certificate of O&A Levels / Intermediate Certificate from foreign institutes, issued by the Inter Board Committee of Chairmen (IBCC) shall be provided by the applicant. Provisional Admission can be granted to the student subject to provision of said equivalence certificate from the IBCC before conducting 1st Semester (under Semester System)/1st Year (Under Annual System) examination of the degree program for which admission is granted.

(HEC Letter No. 5-3/HEC/A&A/2015/78 dated June 24, 2015)

4.20 The dues other than notified by the University shall not be charged by the Department/College/Institute/Center/School from the students.

4.21 A uniform policy to determine the merit will be observed in all the Departments/Colleges/Institutes/Centers/School, as laid down in the Admission Regulations.

4.22 Criteria for admission of Foreign Students will be determined by the University Admission Committee.

4.23 Quota of reserved seats for the following categories will be followed according to the Government Policy:

i. Foreign students
ii. Children/Wards of Martyrs/War Disabled & serving Personnel of the Defence Forces
iii. Azad Kashmir
iv. Northern Areas / FATA
v. Gilgit Baltistan
vi. Other Provinces (Baluchistan, Sindh and KPK)
vii. Children of Refugees from IHK.

Note: It is the responsibility of the applicant to get the nomination from concerned Directorate / Secretariat / Agency / Ministry / GHQ within admission deadlines.

4.24 (i) A candidate whose candidature has been accepted will be required to produce the original documents for issuance of fee challan. The documents shall be retained by the department for a period of two semesters for all undergraduate programs.

(ii) All the admitted students are directed to submit one copy of fee deposit slip/challan in the office of the relevant department to issue roll number of the department.

4.25 The admission on sport basis shall be processed through the committee constituted to conduct the trials. Sports office is responsible to make arrangements of the trials and to forward the final list of selected candidates before the display of third merit list and no relaxation will be given in the deadline.

4.26 The admission of disabled persons shall be processed through the committee constituted to determine the disability of candidate. The student shall be considered eligible after verification from the said Committee besides possession of disability certificate from the relevant authority.

4.27 There shall be 10 seats reserved for admission on "Self Finance" basis in all undergraduate programs (regular and self-support separately) – Each student admitted on "Self Finance" basis shall pay Rs. one lac (100,000) per year in addition to the Regular or Self-Support semester fee (whichever is applicable). However, all admission regulations including eligibility criteria etc are also applicable on "Self Finance" seats.

4.28 For College of Pharmacy Only:

If reserved quota seat remain vacant then it will be filled on open merit. However, total number of admissions shall be 200 only as per existing policy of Pakistan Pharmacy Council.

Vacant foreign/overseas seats shall be filled according to the following breakup:

Industrial Quota Seats	= 20%
Special Self-Support Quota Seats	= 80%

Provision of reference letter from Pharmaceutical Industry shall be mandatory for admission against Industrial quota seats.

The candidates admitted against industrial & special self-support quota seats will deposit Rs. 2, 00,000/- per year in addition to the Self-Support semester fee.

4.29 No seat other than the following is reserved for UOS Regular Employees in all the academic programs:

Spouses of Regular Serving / Retired or Deceased (Interconvertible)

Teaching	=	01
Non-teaching	=	01

Children of Regular Serving / Retired or Deceased (Interconvertible)

Teaching	=	02
Non-teaching	=	02

i. Preference shall be given to the Children/Spouses of teaching and non-teaching employees in their relevant categories. In case the seat(s) remain vacant the same shall be converted for the admission of employees (himself/herself) in the relevant category.

ii. Seats of these two categories are interconvertible as well. If seat(s) still remain vacant, admission on these seat(s) shall be offered to the other category applicants.

iii. In case of more than one applicants the admission shall be granted on merit.

NOC from the competent authority is mandatory for admission to all categories.

4.30 Admission of candidates seeking additional marks on the basis of Hifz shall be processed as follows:

i) The candidates seeking additional marks and fee concession on the basis of Hifz shall be considered eligible for these concessions only after the submission of Hifz Certificate issued by the Hifz Committee of University of Sargodha after the closing date for submission of online admission forms, and before the display of Master List.

ii) The facility of additional marks and fee concession shall be applicable to the undergraduate programs only.

iii) The mode of test shall be as follows:

a) Hifz tests shall be conducted for two/three consecutive days, subject to the number of candidates, after the closing date for submission of online admission forms, and before the display of Master List. The test schedule including date and timing shall be made part of admission advertisement.

b) Chairperson Admission Committee will provide list of all the candidates who have applied on reserved seat for Hafiz-e-Quran, to the Chairperson Hifz Committee, after the closing date for submission of online admission form and before the Hifz Test.

c) In case the candidate is Hafiz-e-Quran, 20 marks are added to his/her merit. In order to ensure equal distribution of these 20 marks to all Hafiz-e-Quran candidates, an equal percentage of these 20 marks [(20*100)/1100] shall be added to the merit of the candidates seeking admission on the basis of first year result (for undergraduate programs only)

d) The office of Chairperson Hifz Committee shall prepare and forward a list of all the candidates appearing in the test mentioning their test results to the office of the Chairperson Admission Committee, within the same day for further processing of master/merit lists.

4.31 All the candidates seeking admission against any reserved seat (including reserved seats for children/spouse/himself/herself of university employees) shall be required to submit NOC issued by the competent authority (Office of the Registrar in case of University of Sargodha) along with the admission application.

4.32 Start of class(s) is subject to class size. Minimum number of admitted students required to run a class at the time of admission shall be as under:

Regular = 20

Self-Support = 25

However, in case of less than the prescribed number of students, special permission for start of the program shall be sought from the Vice Chancellor on the recommendations of University Admission Committee

4.33 As some of the transcripts provided by the students do not contain the detailed marks/percentage of marks so it becomes impossible to calculate merit on the basis of CGPA only. As it is the responsibility of students to provide the detailed marks sheet so they should be asked to provide the detailed marks sheet to the department before the last date for submission of forms. If they fail to provide the marks sheet they will not be considered eligible for admission as merit cannot be calculated on the basis of CGPA only.

4.34 All admissions made in contravention of these Regulations shall be void.

5. CONVERSION OF GRADES/MARKS

5.1 CONVERSION OF SENIOR CAMBRIDGE AND HIGHER SENIOR CAMBRIDGE AGGREGATES AND GRADES INTO MARKS.

The merit of candidates holding 'O' Level 'A' Level and other foreign certificates will be determined on the basis of equivalence certificates issued by the Inter Board Committee of Chairmen (IBCC), Ministry of Education, Government of Pakistan, Islamabad.

5.2 CONVERSION OF MARKS OF TERMINAL DEGREES OF THE ALLAMA IQBAL OPEN UNIVERSITY.

Marks of the candidates having terminal degrees from Allama Iqbal Open University will be multiplied by 0.75 in order to equalize their marks with the University of Sargodha. However, it shall be applicable for merit calculation and not for eligibility determination.

5.3 CONVERSION OF MARKS UNDER SEMESTER SYSTEM

The marks of all those candidates who have passed their examination under Semester System will be multiplied by 0.85 in order to equalize their marks with the Annual System.

6. ADMISSION CRITERIA

6.1 Undergraduate and Graduate Programs
Admission shall be made on the basis of the Basic Criteria and Additional Criteria, if any, of the individual Department.

6.2 Basic Criteria for Graduate Programs
Merit of the candidates for admission shall be calculated on the basis of terminal degree i.e. BA/BSc/BCom/BBA(2-years) etc. Admission shall be made as per order of year mentioned below:

Passed in	Marks Deduction
1st Annual Current year & 2nd Annual Previous year	No marks deduction
1st Annual Previous year & 2nd Annual a year before Previous years	10 marks deduction from terminal degree
1st Annual a year before Previous Year & 2nd Annual 2 year before previous year	20 marks deduction from terminal degree
Additional 20 marks for Hafiz-e-Qur'an to be included wherever applicable.	

6.3 Basic Criteria for Undergraduate Programs

Passed in	Marks Deduction
1st Annual Current year & 2nd Annual Previous year	No marks deduction
1st Annual Previous year & 2nd Annual a year before Previous years	10 marks deduction from terminal degree
1st Annual a year before Previous Year & 2nd Annual 2 year before previous year	20 marks deduction from terminal degree
Additional 20 marks for Hafiz-e-Qur'an to be included wherever applicable.	

6.4 Additional Criteria
As given against each Department/ College/ Institute/ School.

6.5 There will be no deduction of marks for result-awaiting candidates.

Note: Additional marks wherever applicable, for any particular subject will be counted irrespective of the elective or compulsory nature of subject.

STUDENT SOCIETIES AND CLUBS

The University, in line with its mission, provides maximum opportunities of practical leadership training to the students by encouraging their participation in different clubs and societies. The main purpose of these societies is to engage the students in healthy and constructive activities and develop critical thinking, decision making and leadership skills among them. The involvement of students in the clubs and societies serves as a counter strategy to eliminate extremism through a culture of critical dialogue. Initially, the University has launched 18 student societies and clubs. These societies are run independently by the students themselves. The university has a vibrant Riaz Shad Co-Curricular Forum and these societies work under the auspices of this forum.

- Adventure Club
- Artists Club
- Bazm-e-Naa't
- Bazm-e-Qirat
- Bazm-e-Sukhan
- Blood Donors Society
- Civic Society
- Community Service Club
- Debating Society
- Dramatic Club
- E-Sport Society
- Volunteers Club
- Green Society
- IT Club
- Music Society
- Punjabi Sangat
- Sports Society
- Writers Club

Admission Regulations (Graduate)

Admission Regulations for all Graduate (MS/MPhil/MSc (Hons)/LLM and PhD) programs of the University Teaching Departments/ Constituent Colleges/ Institutes/School shall be applicable as under:

1. Short Title and Commencement

The regulations prescribed hereunder shall be called Admission Regulations (Gradute), University of Sargodha and are applicable from the academic session 2023-2024 and onward.

2. Definitions

In these rules and regulations unless the subject or context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say:

2.1 "Academic Year" means a year consisting of two regular semesters namely; Fall and Spring;

2.2 "Authority" means any of the Authorities of the University specified in the University Act;

2.3 "Dean" means the Chairperson of the Board of Faculty duly appointed by the Chancellor as per the provisions contained in the University of Sargodha Ordinance 2002;

2.4 "University" means the University of Sargodha;

2.5 "Vice Chancellor" means the Vice Chancellor of the University; who shall be competent to make decisions on admission related issues.

3. Introduction

Following are the guidelines, procedures, rules and regulations to be administered by all the Departments/ Colleges/ Institutes/ Centers/ School.

3.1 A copy of Admission Regulations shall be made available in all the Departments/Colleges/Institutes/Centers/School as well as the University Library for guidance.

3.2 The Vice Chancellor is authorized to increase and decrease the number of regular, self support and reserved seats according to student teacher ratio and availability of research supervision.

4. Regulations

4.1 Admissions shall be made on the basis of merit in accordance with the criteria laid down by the Admission Committee from time to time and as specified under MS/MPhil/PhD Regulations 2023, subject to the condition that;

i. An applicant seeking admission to MS / MPhil / MSc (Hons) or PhD program shall apply online through the University Online Admission Portal within due date given in the advertisement for admission.

4.2 Only those candidates who have passed BS 4-year/MA/MSc/BS(Hons) or equivalent (16 year of education) shall be eligible for admission to MS/MPhil program and students who have passed MS/MPhil or equivalent shall be eligible for admission to the next higher degree.

4.3 i) The candidates having second division or CGPA = 2.00 out of 4.00 in MA / MSc / LLB / 4-Year BS program / B-Pharmacy / Pharm-D / MBBS / BDS / BSc Engineering (16-year education minimum 124 credit hours) degree in the relevant subject or equivalent from HEC recognized institutions shall be eligible for admission to MS/M.Phil or equivalent program.

ii) The candidates having first division or CGPA = 3.00 out of 4.00 in MS/MPhil/LLM/MSc (Hons) (18-year education) degree (with research thesis) in the relevant subject or equivalent from HEC recognized Institutions shall be eligible for admission to PhD programs. Candidates having MS/MPhil/LLM/MSc (Hons) (18-year education) degree with course work (without Research Thesis) are not eligible for PhD admission.

4.4 The Chairperson/Principal/Director of the Department/ College/ Institute/ Center/ School shall report, the number of available supervisory slots of MPhil and PhD for approval of Admission Committee through the Dean of the Faculty concerned, prior to admission. The total number of students to be admitted shall be decided according to availability of research supervision. The vacant supervisory slots shall be determined as per HEC letter No. Ref. 1-4(MS/PhD) /QAD/ HEC/ 2018/ 86/293 Date: December 03, 2018 i.e "A supervisor can supervise a total of 12 MS/MPhil/PhD students at a time with no more than 5 of these being PhD students". Moreover, only HEC approved supervisor shall be eligible to supervise the PhD theses.

4.5 This number shall not be increased or decreased without the approval of the Vice Chancellor, nor shall the criteria be modified without his/her approval. Additional criteria for weightage in admission to a particular discipline will be applicable.

4.6 (a) The Gradute Program Committee of each department will conduct the subject test for MS/MPhil programs to replace the GAT-Subject Test conducted by NTS.

(b) Admission test for PhD programs:

i. The University will development and conduct the test equivalent to GRE/HAT General with the passing score of 60%.

OR

ii. The candidates having minimum 60% test score issued by HEC accredited testing bodies will be excepted from University test for admission in PhD programs.

iii. In addition to (4.6 b), the University may conduct subject test for admission in PhD programs, if required.

However, if required, the University may hire any third party testing service for admission tests of MPhil/PhD programs.

4.7 The merit of a candidate shall be determined as follows:

i. Academic Qualification 70% marks (in Terminal Degree)

ii. Subject Based Entry Test 30% marks (Conducted by the University or the Teaching Unit concerned)

iii. Candidates shall have to qualify the interview conducted by the Department/College/Institute/Center/School as well besides Entry Test otherwise he/she will not be eligible for admission.

4.8 Any student, who was rusticated, expelled, or whose entry in any Department/ College/Institute/Center was banned for any reason whatsoever at any time during his/her academic career, shall not be admitted to any class without the permission of the Vice Chancellor on the recommendations of the Chairperson/ Principal/Director and the Dean concerned.

The office of Director Students Affairs will circulate a complete list of the students, against whom any kind of disciplinary action has been taken, to all the departments.

4.9 All difficulties concerning to admissions shall be resolved by the Admission Committee in consultation with Chairperson/Principal/Director of the Department/College/Institute/Center/School concerned and decision of Admission Committee / Chairperson Admission Committee shall be final.

4.10 List of students selected for admission will be available in the online admission portal of the departmental admission incharge concerned.

4.11 Migration/No Objection Certificate, in case of an applicant who has passed terminal degree from a University other than the University of Sargodha, must be produced by the candidate within 30 days of the admission for submission to the registration branch of Registrar Office.

4.12 The migration of a student from another University to a Department/College/ Institute/Center/School of the University of Sargodha and vice versa will be governed only in accordance with the Migration Policy of University of Sargodha provided that the student falls in the merit list drawn by the University and belongs to a university recognized by HEC subject to availability of seat. For transfer of credits prescribed procedure shall be followed.

4.13 If there is a tie between two or more candidates having equal merit, their merit will be determined on the basis of their ages, the candidate older in age shall be given preference over the younger.

4.14 The dues other than notified by the University shall not be charged by the Department/ College/ Institute/ Center/ School from the students.

4.15 A uniform policy to determine the merit will be observed in all the Departments/Colleges/Institutes/Centers/School, as laid down in the Admission Regulations.

4.16 Eligibility Criteria for admission of Foreign Students, if any, will be determined by the Admission Committee.

4.17 A candidate whose candidature has been accepted will be required to produce the original documents for issuance of fee challan. The documents shall be retained by the department for a period of two semesters.

4.18 Only eligible candidates shall be allowed to apply in the desired degree programs. Online admission portal will not process the application of ineligible candidates.

4.19 A candidate can apply for admission in more than one graduate programs in the same Department/College/ Institute/ School where he/she meets the eligibilities of the programs concerned.

4.20 A student who has applied in any of the program/ department/ college/ institute/school and admitted in the same, if he/she wants to transfer his/her admission to any other program in the same Department/College/Institute/ School (against the merit-based admission offer) in which he/she has already applied, can be transferred.

4.21 A student who has applied in any of the program/department/ college/ institute/school and admitted in the same, if he/she wants to transfer his/her admission to any other program in the same Department/ College/ Institute /School in which he/she has not applied but seats are still lying vacant, can be transferred subject to the fulfilment of all the admission requirements.

In addition to this, a standard procedure will be followed for form transfer. The candidate interested in transfer of the Admission Form will be required to submit an application through his/her online admission portal, subject to his/her eligibility in the respective degree program within the same Department/ College/ Institute/School.

4.22 However, the form transfer will be allowed to only those programs/departments in which the seats will remain vacant at the closure of admission process and there are no waiting candidates i.e. lists have been displayed till the last entry. A final list of programs/departments to which forms can be transferred will be approved by the Chairperson Admission Committee and approval of the transfer will be granted accordingly and the concerned departments will also be intimated. The policy order of merit will be followed in all these cases.

Form transfer shall further be subject to following categories:

i) A candidate, who has applied in any of the program/department but failed to seek admission in that program/department, if he/she intends to transfer his/her admission form to any other program/ department in which he/she has not applied but seats are still lying vacant, can be transferred.

ii) A student who has applied in any of the program/ department and admitted in the same program/ department, if he/she wants to transfer his/her admission to any other program/department in which he/she has not applied but seats are still lying vacant, can be transferred.

In addition to this, a standard procedure will be followed for form transfer. The students interested in transfer of Admission Forms will be required to submit an application on a prescribed form recommended by the Chairpersons of both the Departments, to the Chairperson Admission Committee.

Transfer of any Fee or Admission Form(s) without the approval of the Chairperson Admission Committee will be considered null and void.

4.23 In the context of faculty development, there will be two seats reserved for teaching staff (Regular teaching staff) in MSc(Hons)/MS/MPhil programs in addition to the approved number of seats. In case these seats remain vacant then these will be reserved for spouse/children of the teaching staff (Regular teaching staff).

Moreover, one seat is reserved for non-teaching staff (Regular staff) in MSc(Hons)/MS/MPhil programs. In case these seats remain vacant then these will be reserved for spouse/children of the non-teaching staff (Regular staff).

1. Category-I: There is one seat reserved in all these programs (regular/self-support) for UOS non-teaching employees (regular only).
2. Category-II: There are two seats reserved in all these programs (regular/self-support) for UOS teaching employees (regular only).
3. In these two categories preference shall be given to the teaching and non-teaching employees (himself/herself) in their relevant categories. In case the seat(s) remain vacant the same shall be converted for the admission of children/spouses of UOS teaching and non-teaching employees in their relevant categories.
4. Seats of these two categories are interconvertible as well. If seat(s) still remain vacant, admission on these seat(s) shall be offered to the other category applicants.
5. In case of more than one applicants the admission shall be granted on merit

4.25 All the government employees seeking admission to University of Sargodha should provide the NOC from the competent authority of Department concerned.

4.26 Qualification from Institutions other than the University of Sargodha shall be equalized by the Equivalence Committee of the University/HEC. All the Departments will forward the cases of Equivalence to Chairperson Equivalence Committee.

4.27 As some of the transcripts provided by the students do not contain the detailed marks/percentage of marks so it becomes impossible to calculate merit on the basis of CGPA only. It is the responsibility of the students concerned to provide the detailed marks sheet to the department before the last date of submission of forms. If they fail to provide it, they will not be considered eligible for admission as merit cannot be calculated on the basis of CGPA only.

4.28 University employees seeking admission to MS/MPhil or PhD program are required to provide NOC and study leave before the last date for submission of forms.

4.29 In addition to the approved number of seats one seat for disable persons shall be reserved in MS/MPhil/PhD programs as notified by the Punjab Government. The department shall forward the cases of disable students to Committee constituted to determine the disability of candidates. The student shall be considered eligible after verification from the said Committee.

4.30 The facility of additional marks and fee concession on the basis of Hifz shall not be applicable to these admissions.

4.31 All admissions made in contravention of these Regulations shall be void.

CLARIFICATIONS

- Result awaiting candidates who appeared in Intermediate combined examination (1st year & 2nd year) and do not have their Part-I result (in case of intermediate) and Part-I and Part-II (in case of three year diplomas) are not eligible to apply.
- No seat other than the following is reserved for UOS Regular Employees in all the undergraduate academic programs being offered at Main Campus, College of Agriculture, Allama Iqbal Campus and Department of Allied Health Sciences:

Spouses of Regular Serving / Retired or Deceased (Interconvertible)

Teaching	=	01
Non-teaching	=	01

Children of Regular Serving / Retired or Deceased (Interconvertible)

Teaching	=	02
Non-teaching	=	02

- Reserved Seats shall be allotted only to students eligible according to the Regulations for Admission in the particular Program (In each morning regular program included in Annexure-I, except where otherwise indicated).
- Seats reserved for foreign students will be allocated to those candidates whose names are recommended by the Ministry of Education, Govt. of Pakistan/HEC according to the prescribed procedure. The Vice Chancellor may permit the admission of more eligible foreign applicants on the recommendations of Dean of Faculty and Head of the Department concerned.
- Total seats equivalent to number of teaching units (where Triable Areas quota is applicable) are reserved for the candidates nominated from Triable Areas of Rajan Pur and Dera Ghazi Khan (not more than one in each department).
- Children/wards of martyrs/war disabled personnel of the Defense Forces (in the absence of this category, children/wards of serving or retired personnel of the Armed Forces) to be nominated by the GHQ Adjutant General Branch.
- Candidates against reserved seats of Armed Forces Personnel shall be nominated by the GHQ.
- One seat in each discipline is reserved for disabled persons on humanitarian grounds (a committee constituted by the Vice-Chancellor shall finalize all cases regarding disability quota)
- Candidates against reserved seats for Outstanding Sports Persons shall be selected on the recommendations of the Special Committee appointed by the Vice Chancellor. These seats are not available in Pharm-D, DPT and Engineering disciplines.
- Student nominee from Azad Kashmir shall be nominated by the respective Nomination Board and recommended by the Federal Govt. These seats shall be offered in only those disciplines which are not being offered at Azad Jammu and Kashmir University.
- Ministry concerned shall nominate students' nominees from FANA/Gilgit Baltistan.
- Total 04 seats are reserved for nominees from AJK in Faculty of Arts and Humaniites and Faculty of Social Sciences only.
- One seat is reversed for candidates from other provinces (only KPK, Balochistan and Sindh).
- Total 10 seats are reserved for students having distinction in Co-curricular activities (in Faculty of Arts & Humanities and Social Sciences only) to be selected by a Committee to be appointed by the Vice-Chancellor for this purpose (not more than one in any department).
- Overseas Pakistani Children are eligible to apply against the reserved seat(s) only if they have valid CHIP-ID Card wherein country of stay is mentioned which should other than Pakistan or having ID card with valid NICOP (National Identity Card for Overseas Pakistanis) containing address of country of stay.

Discipline, Welfare Regulations and Code of Honour

1. CODE OF HONOUR

1.1 All Mulism students must show, in words and in deeds, their full faith in Islam.

1.2 All students must have faith in and respect for the Ideology of Pakistan.

1.3 All students must, in matters of religion, respect the convictions of others.

1.4 Every student is expected to:

(i) be Loyal to Pakistan;
(ii) obey the law of the Land as well as the Rules and Regulations of the University / College;
(iii) maintain Law and Order as well as the dignity and prestige of the Alma mater;
(iv) have respect for morality and personal honour and rights of others;
(v) practice honesty and integrity in dealings with fellow students, teachers and all others both on and off the Campus;
(vi) help in protecting the life, dignity, honour and the property of the University/College and that of the Academic/ Administrative staff and fellow students;
(vii) respect teachers, all elders and persons in authority in the University/College;
(viii) be courteous and helpful to all;
(ix) work hard and co-operate in completing the course of study within the prescribed period; and
(x) endeavour to positively contribute towards creating an atmosphere conducive to healthy academic pursuit.

1.5. Welfare: Each affiliated College and University Teaching Department / Institute / Constituent College / Sub-Campus and hostel should set up a Welfare Committee in order to be in touch with the students, to deal with their problems and look after their welfare in general. The composition of the Committee shall be as follows:

(a) Student Adviser of the College / Department / Institute, two teachers representing the teaching staff, President and Secretary of the student body of the College / Department / Institute. The Committee shall elect one of the teachers as its Chairperson.
(b) Hall Secretary, Sports Secretary and Mess Manager to be elected by the Resident Officer / Officer Incharge of the hostel shall be ex-officio members of the Committee. The senior most officer shall be the Chairperson of the Committee.

2. DISCIPLINE

2.1 No student shall:

(i) utter, do, or propagate, anything repugnant to Islam within and outside the precincts of the University / College;
(ii) say or do anything which might adversely affect the honour and prestige or Pakistan, or University and teachers and his/her educational institution;
(iii) smoke in the Classroom, Laboratory, Workshop, Library and Examination Hall;
(iv) form, or associate with an Organization / Society / Club, or any other body, promoting caste distinctions and inciting parochial / linguistic / regional feeling;
(v) organize, or hold any function within the precincts of the University except in accordance with the prescribed Rules and Regulations;
(vi) collect money or receive donations or pecuniary assistance for or on behalf of the University or any University Organization except with the written permission of the Syndicate;
(vii) stage, incite, or participate in, a walkout, strike or any other form of agitation which might create or is likely to create law and order problem for the University and affect or is likely to affect its smooth functioning;
(viii) indulge in immoral activities, use of indecent language, wearing immodest dress, make indecent remarks, jokes or gestures or behave in an improper manner;
(ix) cause disturbance to others;
(x) disturb peace and tranquility of the Institution;
(xi) keep or carry weapons, narcotics, immoral or submissive literature; and
(xii) use of insalutary or abusive language or resort to violence against a fellow student or employee of the University.

2.2. Disciplinary action by the Principal of a constituent/affiliated College/Chairperson of a University Teaching Department/ Director of an Institute/Discipline Committee against the student/s may be taken in one or more of the following forms depending upon the severity of the offence:

(i) A written warning may be issued to the student/s concerned and a copy of the same may be displayed on the Notice Board;
(ii) The matter may be reported to the parents/guardians and they may be requested to visit University / College if necessary;
(iii) A student may be fined. The fine imposed shall have to be deposited in the Treasury, under intimation to the Principal/Director/Chairperso Office Secretary of Discipline Committee (constituted under statute 11) as the case may be;
(iv) A student may be turned out of the class by the teacher concerned and be not permitted to attend the same course upto three periods at one time under intimation to the Principal/Chairperson/Director;
(v) A student may be placed on probation for a fixed period not exceeding 3 months. If during the period of probation he fails to improve his conduct, he may be rusticated or expelled:
(vi) A student may be suspended from the rolls of a college/ institute/ department, for a period not exceeding two weeks at a time, excluding the suspension, if any, not exceeding 10 days, at one time, ordered by the Principal of the College/Director of the Institute/Chairperson of the Department/Discipline Committee (constituted under statute 11).
(vii) A student may be rusticated, expelled or asked to withdraw from the College/Institute/Department, in the manner hereinafter mentioned.

2.3 Regulations Relating to Rustication, Expulsion and Withdrawal.

(i) Rustication, whenever imposed on a College / University student, shall always mean the loss of one academic year in so far as his examinations are concerned. The period of absence from the College / University Teaching Department / Institute will, however, depend upon the time of the year when the penalty is imposed. The student under rustication may at the discretion of the Principal of the College / Chairperson of a Department / Director of the Institute be permitted to rejoin the class in the same College / Department / Institute in the beginning of the next academic year:

(ii) A student expelled from a College/University Teaching Department / Institute shall not be readmitted into the same College / Department / Institute or into another College / Department/Institute without the approval of the Syndicate. Readmission shall in no case be granted before the expiry of one academic year from the date of expulsion:

(iii) Each College/Institute/Department shall constitute a Council to consider and decide the cases of expulsion, rustication and withdrawal of student/s. The Council shall consist of the Principal/Director/Chairperson of the College/Institute/ Department and at least two senior members of the teaching staff to be nominated by the Principal/Director/Chairperson. The Principal/ Director/ Chairperson of the College/ Institute/ Department shall be Chairperson of the Council who may pass such orders as he may deem fit. Other members shall act in as an advisory capacity. The Principal/Director/Chairperson shall communicate to the University the names of the members of the Council in the beginning of every academic year:

In case of rustication and expulsion or withdrawal of a student of the University Department/Institute/College he may prefer an appeal with the Vice-Chancellor within 15 days of the date of the notification or rustication/ expulsion or withdrawal. The Vice-Chancellor will have the power to pass such orders as he may deem fit;

(v) Cases of indiscipline/disturbances, involving students from two or more Colleges/Insititutes/Departments of the University, shall be referred to the Discipline Committee (constituted under Statute 11 or the University of the Punjab Act 1973) by the Vice-Chancellor:

(vi) The Discipline Committee shall have the power to take such decision as it deems fit on a case referred to it by the Vice-Chancellor, in accordance with the aforementioned Regulations provided that the student/s who has/have been rusticated/ expelled or ordered to withdraw from the rolls of a University/College/Institute/Department he/they may prefer an appeal with the Vice-Chancellor within 15 days of the date of notification of rustication/ expulsion/ withdrawal, etc. The Vice-Chancellor shall have the powers to pass such orders as he may deem fit:

(vii) If a case of rustication/ expulsion/ withdrawal, is received by the Vice-Chancellor on the basis of an appeal, it shall be brought to the notice of the Syndicate along with reasons for revising the original order.

Notice: Prevention of Electronic Crimes Act 2016 to overcome cyber crimes threat is strictly enforced.

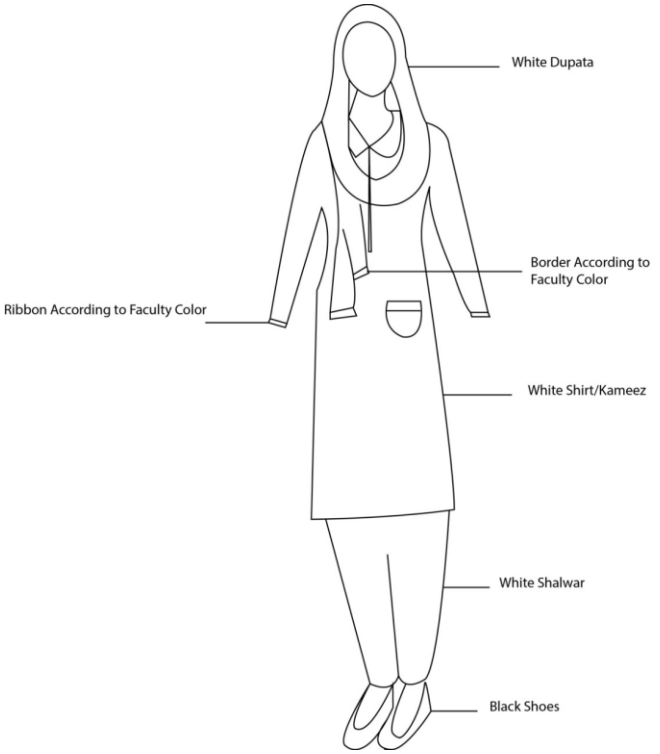
Dress Code

An average student spends thousands of rupees an year on clothes. Having a couple of uniforms instead of fashion statement clothes for the university will not cost much to students. Hence, University of Sargodha decided to adopt uniform clothing for all undergraduate students as per following description:

Male: Grey pent with black belt, white full sleeve shirt with collar and black shoes

Female: White shalwar and kameez with white dupatta with colored (faculty-wise) border and black shoes





Undergraduate Semester Regulations

1. Preamble

Notwithstanding anything contrary to the provisions of University of Sargodha Ordinance, 2002 / Amendment Act 2004, the University shall offer 1-year Post graduate Diploma, 1.5 years B.Ed, 2-year Associate Degree, Undergraduate (4-year/5-year, Licensure/Non-Licensure) etc. level degree programs or equivalent programs approved by the Authority. Provided that rules and regulations mentioned hereinafter regarding admission, registration and examination shall be applicable on each undergraduate and diploma courses offered by the University.

2. Short Title and Commencement

The regulations described hereunder shall be called "Undergraduate Semester Regulations-2023", University of Sargodha and shall come into force w.e.f Fall semester 2023.

3. Definitions

In these rules and regulations unless the subject or context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say:

3.1 "University" means the University of Sargodha
3.2 "Vice Chancellor" means the Vice Chancellor of the University.
3.3 "Syndicate" means the Syndicate of the University.
3.4 "Authority" means any of the Authorities of the University specified in the Ordinance.
3.5 "Board of Studies" means the board comprising of specified members for each subject or group of subjects taught in any Department/College/Institute/School.
3.6 "Dean" means the Chairperson of the Board of Faculty.
3.7 "Director" means director of an Institute/School/Centre.
3.8 "Principal" means the head of Constituent College.
3.9 "Chairperson" means head of an academic department
3.10 "Academic Department" means a teaching, research and technological development department maintained and administered by the University.
3.11 "College" means a constituent college of University.
3.12 "Institute" means an institute maintained and administered by the University.
3.13 "School" means a school maintained and administered by the University.
3.14 "Controller of Examinations" means the Controller of Examinations of the University.
3.15 "Prescribed" means prescribed by Statutes, Regulations or Rules;
3.16 "Academic Year" means a year consisting of two regular semesters namely; Fall and Spring;
3.17 "Semester" means duration of eighteen weeks inclusive of examinations i.e.; sixteen weeks for teaching (including midterm exam), one week for conduct of final term examination and one week for preparation and submission of results.
3.18 "Credit Hour" means one hour student-teacher classroom contact per week per semester in theory or two to three hours contact in practical/lab work per week per semester;
3.19 "Deficiency Course" means a course in which a student has been adjudged deficient by the concerned Department/College/Institute at the time of admission/transfer of credits/migration;
3.20 "Non-credit Course" means a course that shall be mandatory to pass but shall not be counted in calculating GPA/CGPA.
3.21 "Pre-requisite" means a course required to provide basic knowledge of the follow up course;
3.22 "Internship" means a period of 6-8 weeks duration spent by the student in any organization relevant to the field of study.
3.23 "Capstone Project" preferably undertaken after the fourth semester, allows students to bring together the concepts, principles and methods that they have learned in their course of study and to apply their knowledge and acquired competencies to address the real world problems.

4. Introduction

Following are the guidelines, procedures, rules and regulations to be administered by all the Departments/Colleges/Institutes/School, running Semester System.

4.1 Each Department/College/Institute/School in the beginning of an academic session shall arrange an "Orientation" to familiarize the admitted students with semester system and their degree requirements.
4.2 A copy of printed Semester Regulations shall be made available in all the Departments/ Colleges/ Institutes/ School as well as the University Library and Website for guidance.
4.3 The regulations inscribed here are subject to amendment/change and repletion by the Competent Authority.
4.4 Medium of instruction and examination shall be English except for language courses and for Islamic Studies compulsory which can be offered in English or Urdu.

5. Courses, Scheme of Studies and Structure of Degree programs

5.1 The curricula and schemes of studies of various degree programs shall be developed and recommended by the respective Boards of Studies and other statutory bodies. Such curricula and schemes of studies shall become effective from the date of approval by the Syndicate on the recommendations of the Academic Council or any other date as determined by the Competent Authority.
5.2 A student shall normally be required to take the prescribed courses but not more than eighteen credit hours work load shall be offered by the Department/College/ Institute/School in each semester. However, in special circumstances, s/he can add maximum one course with prior approval of the Director/Principal/Chairperson/In-charge concerned. The permission must be obtained within seven days from the commencement of the semester.
5.3 The students shall pursue the notified scheme of studies to be approved by the Competent Authority from time to time.
5.4 No student shall take any course unless s/he has qualified the prerequisites for it as determined in the curriculum.
5.5 Structure of 5-year degree program (Pharm-D/LLB (Hons) etc.) will be as defined/set by relevant accreditation council of minimum 160-credit hours. Structure of 4-years Degree program will be as follows:

Course Requirements	**Minimum Credit Hours Requirements***			
	Single Major	**Single Major + One-Minor**	**Single Major + Two-Minor**	**Double Majors****
General Education	30	30	30	30
Major	72	72	72	72
Interdisciplinary / Allied	12	12	12	12
Field Experience / Internship	03	03	03	03
Capstone Project	03	03	03	03
Minor	X	12	12	X
Minor-II	X	X	12	X
Major-II	X	X	X	72*
Total	**125-144**	**137-144**	**149-168**	**167-192**

* In addition to above the courses of Understanding of Holy Quran I & II 2(1+1), Seerat of the Holy Prophet Muhammad (SAW) (one credit hour) and Pakistan Studies (two credit hours) shall also be taught to the students.
** Exemption up to 30 credit hours can be granted for similar courses in case of double major through concerned Board of Studies.

5.6 Structure of 2-year Associate Degree program will be as follows:

Courses Requirements	Min. Credit Hours Requirement*
General Education	30
Major	30-42
Field Experience / Internship**	03
Total	**60-72**

* In addition to above the courses of Understanding of the Holy Quran I and II 2(1+1), Seerat of the Holy Prophet (SAW) (one credit hour) and Pakistan Studies (two credit hours) shall also be taught to the students.

** If internship/field experience of 03 credit hours is required by any council then in that case major requirements will be 35-39 credit hours.

5.7 In case a program is accredited with council then structure of the degree program may be altered to fulfil the requirements of respective council.

5.8 Internship in all academic programs shall be managed under internship frame work approved by the statutory bodies.

6. Course Code and Credits

6.1 Each course shall be assigned credit hours. The credit hours are denoted by two digits within brackets with a hyphen in between. The first digit represents the theory part while the second (right side) digit represents the practical. Thus 3(3–0) means three credit hours of theory only, while 4(3–1) means a total of four credit hours, of which three are reserved for theory and one credit hour is for laboratory/studio work/field work/practical work as per requirement of discipline.

6.2 Each Board of Studies shall assign and prescribe the course codes, credit hours and work load up to a maximum of eighteen credit hours for each semester for a given scheme of studies. In case of relevant accreditation council requirements, work load for each semester may increase or decrease.

6.3 Course codes shall be divided into two parts i.e., letters and digits.

Letters: Four characters representing the course of the subject concerned, e.g;

CHEM	=	04 letters
MATH	=	04 letters
ISLS	=	04 letters
ECON	=	04 letters
PKST	=	04 letters
ENGL	=	04 letters

Digits:

There shall be four digits, among which 1st shall represent level of the program

First digit will represent the level of the program, for example

- Level 5 represents BA/BSc (Pass), Associate degree and first four semesters or first 2 years (13th and 14th year of education) of all undergraduate degrees to be offered after intermediate.
- Level 6 represents BS, BSc(Hons), BE, B.Arch, BSc(Eng.), LL.B, B.Com (Hons) etc 15th, 16th or 17th year of education i.e. 3rd, 4th and 5th year of all undergraduate degrees to be offered after intermediate and BS 5th semester intakes of all the relevant degrees.
- Level 7 represents Masters (MPhil/MS/MBA, LL.M, MSc(Eng.), ME, MArch etc) 17th and 18th year of education.
- Level 8 represents Doctoral (PhD), 19th, 20th and 21st year of study.

Second Digit of coding will represent the number of degree of same level i.e. all BS 16 year degrees, hence will be numbered as 1, 2 and 3 onward. All the departments offering more than one degrees of same level and of similar nature, will number their programs as "1", "2", … as second digit of their coding scheme of the relevant degrees. Please note that BS 5th semester intake will not be considered as a separate degree and coding scheme will be same as that of BS program (5th semester and onward).

Third and fourth digit will represent the number of course i.e. all the courses offered in a particular program will be numbered as '01' '02' '03' …… '99'.

Undergraduate (BS/B.Com/BBA etc.)

Example – 1 (first digit should be 5 in first 2 semesters)

Course	Degree Level (BS)	No. of Degree	No. of Course	Course Code	Credit Hours
ENGL	5	1	01	ENGL-5101	3(3–0)
PHYS	5	1	02	PHYS-5102	4(3–1)
ENGL	5	1	03	ENGL -5103	2(2–0)
ISLS	5	1	04	ISLS -5104	3(3–0)

Example – 2 (in case of 2nd bachelor degrees in the same department)

Course	Degree Level (BS)	No. of Degree	No. of Course	Course Code	Credit Hour
ENGL	5	2	01	ENGL-5201	3(3–0)
ENGL	5	2	02	ENGL-5202	3(3–0)
ENGL	5	2	03	ENGL-5203	3(3–0)
ENGL	5	2	04	ENGL-5204	3(3–0)

Undergraduate (BS/B.Com/BBA etc. and all BS 5th semester intakes)

Example – 1 (first digit should be 6 in all semesters after 4th)

Course	Degree Level (BS)	No. of Degree	No. of Course	Course Code	Credit Hours
ENGL	6	1	36	ENGL-6136	3(3–0)
PHYS	6	1	37	PHYS-6137	4(3–1)
ENGL	6	1	38	ENGL -6138	2(2–0)
ISLS	6	1	39	ISLS -6139	3(3–0)

Graduate degree (B.Ed etc.)

Example – 1 (first digit should be 6 all semesters)

Course	Degree Level (BS)	No. of Degree	No. of Course	Course Code	Credit Hours
EDUC	6	1	01	EDUC-6101	3(3–0)
EDUC	6	1	02	EDUC-6102	4(3–1)
EDUC	6	1	03	EDUC-6103	2(2–0)
EDUC	6	1	04	EDUC-604	3(3–0)

Example – 2 (in case of 2nd graduate degree in the same department)
(second digit should be 2 in all semesters)CourseDegree Level (BS)No. of

Course	Degree Level (BS)	No. of Degree	No. of Course	Course Code	Credit Hours
EDUC	6	2	01	EDUC -6201	3(3–0)
EDUC	6	2	02	EDUC -6202	3(3–0)
EDUC	6	2	03	EDUC -6203	3(3–0)
EDUC	6	2	04	EDUC -6204	3(3–0)

6.4 * Following general education courses (where applicable) shall be offered in all Undergraduate degrees with same course titles, contents and course codes in first four semesters only.

General Education Cluster	Name of Courses	Course Code	No. of Courses	Credit Hours
Arts & Humanities	Course-I: Fables, Wisdom Literature and EPIC Course-II: Space, Place and Experience	URCG-5112 URCG-5113	1 1	02 02
Natural Sciences	Course –I: Basic Science Course-II: The science of Global Challenges	URCG-5114 URCG-5115	1	3(2-1)
Social Sciences	Course –I: Science of Society-I Course –II: Science of Society-II	URCG-5116 URCG-5117	1	02
Functional English	Functional English	URCG-5118	1	03
Expository Writing	Expository Writing	URCG-5119	1	03
Quantitative Reasoning	Course-I: Exploring Quantitative Skills Course-II: Tools for Quantitative Reasoning	URCG-5120 URCG-5121	2	06
Islamic Studies (OR) Religious Education / Ethics	Islamic Studies (Compulsory) or Ethics (For Non-Muslims)	URCG-5105 URCG-5126	1	02
Ideology and Constitution of Pakistan	Ideology and Constitution of Pakistan	URCG-5122	1	02
Applications of Information Communication Technologies (ICT)	Applications of Information Communication Technologies	URCG-5123	1	3(2-1)
Entrepreneurship	Entrepreneurship	URCG-5124	1	02
Civics and Community Engagement	Civics and Community Engagement	URCG-5125	1	02
	Total		**12**	**30**

* The syndicate has approved the offering of course "Pakistan Studies (URCG-5128) in 4th semester for the students enrolled in Fall 2023 & Spring 2024 and in 2nd semester for the students enrolled in Fall 2024 and onwards.

6.5 In addition to above general education courses the following courses shall be offered in all degrees with same course titles, contents and course codes:

Category	Name of Course	Course Code	No. of Courses	Credit Hours
Understanding of the Holy Quran-I & II and Ethics-I & II	Understanding of the Holy Quran – I Understanding of the Holy Quran - II Ethics-I Ethics-II	URCG-5129 URCG-5130 URCG-5131 URCG-5132	2	02
Pakistan Studies	Pakistan Studies	URCG-5128	1	02
Seerat of the Holy Prophet Muhammad (SAW)	Seerat of the Holy Prophet (SAW)	URCG-5127	1	1(1-0)

**The Syndicate has approved the offering of course "Pakistan Studies (URCG-5128) in 4th Semester for the students enrolled in Fall 2023 & Spring 2024 for the students enrolled in Fall 2024 and onwards,.*

*** The Syndicate has approved the courses of Ethics-I&II, Understanding of the Holy Quran I&II and Seerat of the Holy Prophet Muhammad (SAW),*

6.6 Re-organization of courses according to the requirements or availability of teaching faculty in the Department/College/Institute/School shall be permissible during the session with the approval of Principal/Director/Chairman under intimation to Dean concerned provided that students shall be informed well before the commencement of the semester concerned.

6.7 Each faculty member will develop course folder(s) for the assigned course(s). The course folder should include at least the following:

a. CV of the teacher
b. Course Outline/Weekly lecture plan
c. Copy of Time Table
d. List of Students
e. Attendance record
f. Copies of Quizzes duly marked
g. Model assignments duly marked
h. Copies of mid-term and final term question papers
i. Award list
j. Suggestions for improvement in the course

6.8 The content of the course folder can be modified keeping in view the requirements of the accreditation councils/HEC.

7. Attendance

7.1 A student having less than 75% attendance in lectures and practical (if applicable) separately shall not be allowed to take the final examination of the course. The Department/ College/Institute/Centre shall notify the list of such students at least one week before the final examination week.

7.2 The Chairperson/Principal/Director of the Department/ College/Institute/Centre may condone, for valid reasons, deficiency up to 5% of the total number of lectures. The Dean of the Faculty on the recommendations of the Chairperson/ Principal/ Director of the Department/College/Institute/Centre may, on special grounds, condone up to another 5% of the total number of lectures.

7.3 If a student who has missed three consecutive lectures without any reason in a course, a verbal/written warning from the course teacher may be given to the student.

7.4 If a student who is found habitual of missing lectures in a course, s/he shall not be allowed to sit in the class without the approval of the Chairperson/Principal/ Director.

7.5 If a student makes him/herself absent from the Department/College/Institute/ School/Centre for ten consecutive working days (without approval of Chairman/Director/In-charge or without medical emergency), his/her name shall be struck off from the rolls of the Department/College/Institute/Centre. Such student shall not be re-admitted without the approval of the Chairman/Director/In-charge under intimation to the Dean concerned. The student shall have to pay the prescribed re-admission fee/dues under intimation to the Treasurer and the Director Academics.

7.6 At the end of each semester, the teacher concerned shall submit the statement showing the total number of lectures delivered and practical (if applicable) conducted, by him/her together to the Chairperson/Principal/Director of the Department/ College/Institute/Centre with the total number of lectures and practical (if applicable) attended by each student. The cumulative attendance record will be communicated to the students on monthly basis by the teacher concerned.

7.7 The absence as a result of late admission or change of course(s) shall also be counted for dropping from the course(s).

7.8 For a student participating and representing the University in sports/co-curricular activities of national or international level events, as verified by the Director of sports/co-curricular, the days actually spent by the student in such events shall be counted as present towards the attendance requirement.

7.9 If a student is required to participate in sports/co-curricular activities representing the University, on the date/dates of examination, arrangement will be made by the Department/ College/Institute/Centre for holding Special Examination for him/her as soon as his/her sports/co-curricular activities are ended.

8. Change and Withdrawal of Course(s)

8.1 A student may withdraw a maximum of 50% of the courses offered i.e.; two out of five or three out of six courses.

8.2 The enrolled students may be allowed to enroll/change the offered course(s) within one week and withdraw during 1-4 week from the date of commencement of the semester with the permission of Head of Department/College/Institute. In case of withdraw, the transcript shall record that the student enrolled in the course and withdrew. Consequently, grade W will be awarded to the student which shall have no impact on the calculation of the CGPA of the student.

8.3 A student withdrawing after the 4th week shall be automatically awarded "F" grade which shall count in the GPA and stay on the transcript.

8.4 The students availing withdrawal of courses cannot register advanced level course(s) in next semesters for which the withdrawn course(s) are pre-requisite.

8.5 The teacher shall provide a detailed course outline to the students within 7-days of the beginning of the semester and shall send a copy of course outline and work plan to the Head of Department/College/Institute.

9 Semester Freeze

9.1 A student may discontinue his/her studies by seeking semester freeze during the semester before the final term examination on medical grounds or circumstances beyond his/her control with written permission of Chairperson/Principal/Director of the Department / College / Institute/School concerned subject to the condition that semester fee shall not be transferred/refunded. However, freezing in 1st semester is not allowed.

9.2 A student may discontinue his/her studies by seeking semester freeze prior to enrollment in the second/subsequent semester on medical grounds or circumstances beyond his/her control with written permission of Chairperson / Principal / Director of the Department / College/Institute/School concerned subject to fulfillment of condition that the student has passed the final examination of the previous semester with minimum prescribed GPA/CGPA required for academic standard of the University to remain on roll. The student shall have to pay the semester fee; the fee will be transferred to the next semester if frozen in first week of commencement of the classes or before the commencement of the semester in case s/he joins the program within maximum time prescribed for semester freeze. In case of semester freeze after one week of commencement of classes fee will not be transferred.

9.3 A student who sought discontinuation of a semester shall have to get approval from the Chairperson/Principal/Director to rejoin the program before the commencement of the semester to be rejoined. The student may seek semester unfreeze even if relevant semester to be rejoined is not currently being offered. In that case s/he may repeat/improve failed courses of previous semesters by following other codal formalities.

9.4 The Chairperson/Principal/Director of the Department/College/Institute/School concerned will notify in both the cases; the semester freeze and rejoining the program under intimation to the Treasurer and the Director Academics.

9.5 During the semester freeze, bonafide status of the student shall remain suspended provided that discontinuation shall not be allowed for more than two regular semesters in any case in whole degree program subject to maximum time limit for completion of degree.

10. Evaluation

The course teacher will be responsible for students' evaluation and grading as per the following weight-age:

For all disciplines other than Engineering and Technology

Courses without practical		Courses with practical	
Assessment	**%age**	**Assessment**	**%age**
Mid	20	Mid	15
Sessional	30	Sessional	15
Final	50	Final	45
–	--	Practical	25

For Engineering and Technology Disciplines *

Courses without practical		Courses with practical	
Assessment	**%age**	**Assessment**	**%age**
Mid	20	Mid Term Exam	20
Sessional	30	Lab Performance	30
Final	50	Final Exam /Viva	50

* clarified vide letter No. SU/DIRACAD/523 dated 29.05.2024

10.1 Sessional: Test(s)/quiz(s)/assignment(s)/presentation(s)/seminar(s)/class participation /attendance/term paper. The course teacher will decide the marks distribution according to the nature of the course.

10.2 Mid-term Examination from the syllabus prescribed for the midterm will normally be conducted after first eight weeks of teaching during a semester.

10.3 Final Examination covering the full syllabus with at least 25% of the course of mid-term shall be held at the end of each semester.

Note: Courses involving project/practical/ field work may deviate from the above given marks distribution to accommodate the marks of the project/ practical/field work. However, prior approval from the Chairperson/ Principal/ Director is required under intimation to the office of the Controller of Examinations.

10.4 The schedule of each examination shall be notified/displayed on the Notice Board well in time.

10.5 The duration of examinations shall be as under:

a) Mid Term Examination: One to Two Hours

b) Final Term Examination: Two to Three Hours

10.6 Examination should be held on consecutive days excluding holidays which means that no gap shall be allowed in the papers.

10.7 Question paper for midterm and final term examinations shall be set by the respective Teacher. However, Chairperson / Principal / Director shall ensure the quality and standard of the question paper set by the teacher through examination committee.

10.8 The pass marks in each course shall be 50%.

10.9 The scripts of each examination shall be shown to the students by the teacher to review their grades awarded. The Department/College/Institute/School concerned shall keep such record for one semester.

10.10 Sessional marks awarded on the basis of assignment, test, quiz etc. shall be displayed/shown to the students 14 days before the final term examination.

10.11 In case a student is not satisfied with his/her award even after checking his/her answer book, or clarification from the teacher, s/he may make written application to the Chairperson/ Principal/ Director of the Department/College/Institute/School within one week of announcement of result for decision by the Departmental Examination Committee.

10.12 After holding the final term examination, each teacher shall prepare four copies of the results of the sessional, mid-term and final term examinations on award lists duly signed by the teacher concerned for submission to offices of the Controller of Examinations, Dean, Chairperson/Principal/Director and teacher concerned.

10.13 Teacher shall submit a copy of the award list duly approved by the Chairperson/Principal/Director along with the scripts within seven days of the respective examination to the In-charge Examinations of the Department/College/ Institute/School concerned.

10.14 The In-charge Examinations shall prepare the final consolidated result and submit it before the Departmental Examination Committee for consideration. After deciding the appeals/written complaints/incomplete results, if any, the Departmental Examination Committee shall forward the result for notification by the office of the Controller of Examinations within two weeks of closing of final term examination. The result should show student's ID, name, father's name, marks obtained, grade points, letter grade and GPA/CGPA. A copy of the result by the office of the Controller of Examinations shall be submitted to the Dean and Chairperson/Principal/Director concerned.

10.15 In case a student did not appear in the mid and final examinations due to discontinuation of the semester, his/her GPA/CGPA should not be calculated.

10.16 Semester and final transcripts shall be issued by the office of the Controller of Examinations to the students on request by depositing the prescribed fee for this purpose.

10.17 Each student shall have to pay the prescribed degree notification fee.

10.18 For the degree programs where research is offered, the students are required to submit the Thesis/Project report within two months from the end of final examination of the last semester. However, this time duration may be extended with the permission of the Chairperson/Principal/Director of the Department/ College/Institute/School. The evaluation of the project shall be made by the panel of three examiners comprising the Chairperson/Principal/Director, external examiner (to be recommended by the Board of Studies and appointed by the Dean or in case of absence of Dean any Chairperson nominated by the Vice Chancellor) and the supervisor. The plagiarism check must be conducted on the dissertation/theses offered to undergraduate students by Central Library before its submission to the department.

10.19 Examination Unfair Means Cases shall be reported to the Chairperson/Principal/ Director who may refer the case to the Departmental Examination Committee or University Discipline Committee, as the case may be, for necessary action under the rules.

10.20 The disciplinary action by the Chairperson/Principal/Director of the Department/ College/Institute/School against the student(s) for unfair means/discipline case(s) may be taken in one or more of the following forms depending upon the severity of the offence:

10.20.1 A written warning may be issued to the student(s) concerned and a copy of the same may be displayed on the Notice Board under intimation to his/her parents/guardians;

10.20.2 A student may be fined. The fine imposed shall have to be deposited under intimation to the Treasurer;

10.20.3 The paper may be cancelled.

10.20.4 A student may be placed on probation for a fixed period of a semester. If during the period of probation s/he fails to improve his/her conduct, the case shall be forwarded to the University Discipline Committee.

10.21 A student shall be awarded incomplete grade 'I' on medical grounds or the circumstances beyond his/her control determined by the Departmental Examination Committee in the following cases:

10.21.1 If a student fails to complete any assignment, test, quiz, term paper, presentation etc. assigned to him/her by the teacher for the purpose of internal assessment.

10.21.2 If a student is unable to appear in a part or whole of the Mid Term or Final Term examination of a semester.

10.22 The student may be allowed to appear in the Special Mid/Final Examination of the semester to be held by the Department/College/Institute/Centre before the commencement of the next semester. However, the student must have:

10.22.1 Fulfilled attendance requirement.

10.22.2 Been admitted as patient in a recognized hospital. If s/he has not been hospitalized, the student will be examined by the University Medical Officer.

10.23 The result of such student shall be withheld till conduct of special examination before the commencement of next semester. If the student does not appear in the special exam s/he will be considered fail in that course(s) and result will be updated accordingly.

10.24 There shall be no provisions of special examination for the students who have already appeared in final examinations.

11. Promotion, Dropout and Re-admission

11.1 If a student fails to obtain 1.75 GPA at the end of 1st semester or fails in more than 50% offered courses in 1st semester s/he shall be dropped from the program. Furthermore, if a student fails to obtain prescribed CGPA at end of second and onward semesters or fails to pass more than 50% of offered courses in each semester, s/he shall be dropped in the same semester and shall not be promoted to the next semester. A student who has been declared to be dropped in any academic year due to less than prescribed CGPA or failure in more than 50% courses, may be readmitted only once to the relevant/previous* semester with the following conditions:

11.1.1 The student has to pay prescribed re-admission fee in addition to regular semester fee under intimation to the Treasurer and the Controller of Examinations.

11.1.2 Permission to re-admission shall be obtained from the Chairperson/Principal/ Director within one week of commencement of classes.

11.1.3 In case of readmission to 1st semester the student will be awarded new roll number and s/he will study as per rules applicable to the session along with which s/he has sought readmission. In case of readmission to semester other than 1st semester the roll number will remain same and the rules of the previous session will be applicable

*Relevant semester is any semester which satisfies the following conditions:

a) After readmission maximum time limit shall not be affected
b) The semester from which s/he can continue and improve CGPA
c) The semester is being offered at the time of request for readmission

*** Clarified vide letter No.SU/DIRACAD/209 dated 21.03.2025, vide letter No.SU/DIRACAD/462 dated 11.06.2025 and No.SU/DIRACAD/545 dated 30.06.2025.*

11.2 The student who has already been readmitted once will be "Dropped" from university rolls/program if s/he is again dropped from any semester.

11.3 A student will only be allowed to repeat 2-3 courses of up to 09 credit hours (if any) with the permission of the Chairperson/Principal/Director in summer semester.

11.4 A student may repeat fail courses and/or improve the grade/s of the already pass course(s) in summer semester or relevant semester or where the course/s is/are being offered within prescribed maximum time limit of the program. In this case, a student shall enroll the course(s) by paying the prescribed fee. Such course(s) shall be marked under asterisk (*) in the provisional and official transcript.

11.5 In case of improvement (credit/non-credit course), the better grades shall be reflected on the provisional /official transcript. However, such students shall not be considered eligible for a position/scholarship.

11.6 Promotion Criteria

11.6.1 For promotion to second semester a student must pass at least 50% courses with minimum 1.75 GPA in the first semester.

11.6.2 For promotion to subsequent semesters a student must pass at least 50% of the offered courses in each semester and must obtain minimum CGPA given below at the end of each semester to remain enrolled and continue his/her studies in the program, otherwise, s/he may be granted re-admission only once into relevant/previous semester in the light of Regulation No. 11.1, 11.1.1 and 11.1.2 stated above.

Minimum CGPA to be obtained at the end of each semester

Semester	1- year Program	1.5-year Program	2-year Associate Degree	3-year Program	4-year Program	5-year Program
1st	1.75	1.75	1.75	1.75	1.75	1.75
2nd	2.50	2.10	1.75	1.75	1.75	1.75
3rd		2.50	2.00	2.00	2.00	2.00
4th			2.00	2.00	2.00	2.00
5th				2.10	2.10	2.10
6th				2.50	2.20	2.20
7th					2.25	2.30
8th					2.50	2.30
9th						2.40
10th						2.50
Degree Completion Requirement	2.50	2.50	2.00	2.50	2.50	2.50

11.6.3 For students admitted in 5th semester of BS program the promotion criteria mentioned above for 5th and onward semesters of BS 4-year program shall be followed.

12. Award of Degree

12.1 Minimum credit hours required for 4-year undergraduate degree program are as follows or as per requirements of relevant Accreditation Councils (if any):

Degree Offering	Minimum Credit Hours Requirement*
Single Major	125
Single Major with one minor	137
Single Major with two minors	149
Double Major	192***

**In addition to above the courses of Understanding of the Holy Quran I & II (2(1+1)), Seerat of the Holy Prophet (SAW) (one credit hour) and Pakistan Studies (two credit hours) shall also be taught to the students.*

***Exemption up to 30 credit hours can be granted for similar courses in case of double major through Board of Studies. In that case degree requirement will be minimum 167 credit hours.*

12.2 A minimum of 160 credit hours are required for 5-year undergraduate degree or as per requirements of relevant Accreditation Councils (if any).

12.3 A minimum of 60 credit hours are required for 2-year degree program.

12.4 A minimum of 30 credit hours are required for 1-year diploma program.

12.5 Degree shall be awarded to the students only who have completed all the degree requirements by passing all courses specified in scheme of studies by securing minimum required CGPA (2.50 for programs other than 2-year associate degree and 2.00 for 2-year associate degree) for completion of degree.

12.6 Students enrolled in the undergraduate/equivalent degree program shall be allowed to exit from the program with an Associate Degree provided that the following requirements are met:

12.6.1 The student must have completed minimum of 60 credit hours in at least four (04) semesters of the undergraduate/equivalent degree program including general education courses comprised of 30 credit hours:

12.6.2 The minimum CGPA is maintained at 2.00/4.00.

12.6.3 The name of the subject field on the degree shall remain the same in which a student was initially enrolled for the undergraduate/equivalent degree program;

12.6.5 The option of exit from the undergraduate/equivalent degree program with an Associate Degree is not allowed in disciplines accredited under the councils i.e. PM&DC, PNC, PVMC, PEC, PCP, CATP, PBC, NTC, NCT, NAEAC AND NCH

12.6.6 The option of exit from the undergraduate /equivalent degree program with an Associate Degree is allowed in disciplines accredited under the councils i.e. NCEAC, NBEAC and NACTE.

12.7 In case a student has sought exit from BS program then s/he cannot rejoin the BS program. However, s/he may seek fresh admission in 5th semester intake as and when offered.

**Clarified vide letter No.SU/DIRACAD/1000 dated 29.10.2025*

13. Awards: Scholarship/Position

13.1 Scholarship to the students shall be awarded on the basis of academic performance in a semester and shall be determined on the basis of semester GPA. In case of tie between two or more students having equal GPA, their marks obtained in the semester shall be taken into account. If their marks obtained are also equal, the older in age will be awarded the scholarship than the younger one.

13.2 Award of position on completion of the degree program shall be determined on the basis of CGPA. In case of tie between two or more students having equal CGPA, their overall percentage of marks obtained in all the semesters shall be considered. A student with higher percentage shall be awarded the first position and so on. However, if their overall percentage of marks is also equal, they shall be considered on the same position.

14. Grade Improvement

14.1 A student may repeat the course(s) during the course of study to improve the grades. In this case student shall enroll the course(s) with the permission of the Chairperson/Principal/ Director of the Department/College/ Institute/School in the semester in which the course(s) is being offered, by paying the prescribed enrollment fee. Such course(s) shall be marked under asterisk (*) in the semester/official transcript.

14.2 A student who has obtained the final transcript issued by the Controller of Examinations can also improve his/her grades by enrolling the course(s) within the prescribed time limit of the program.

14.3 In case of improvement, the better grades shall be reflected on the semester/official transcript. However, such students shall not be considered eligible for a position/scholarship in the relevant examination.

14.4 In case a student repeats the course(s) which s/he has already studied, better grades will be reflected on the transcript. Further, in case of elective subjects if a student studies a new course due to non-offering of previously studied course, either due to change in scheme of studies or discontinuation of program etc., better grades will be reflected on the transcript.

15. Grading System

15.1 The grading shall be done on a scale of 4.

15.2 Equivalence between Letter grading and Numerical grading shall be as follows:

GRADING TABLE					
%age Marks	Grade Point	Letter Grade	%age Marks	Grade Point	Letter Grade
85-100	4.00	A+	57	2.43	C
80-84	4.00	A	56	2.36	C
79	3.94	B+	55	2.30	C
78	3.87	B+	54	2.24	C-
77	3.80	B+	53	2.18	C-
76	3.74	B+	52	2.12	C-
75	3.67	B+	51	2.06	C-
74	3.60	B	50	2.00	C-
73	3.54	B	49	1.90	D
72	3.47	B	48	1.80	D
71	3.40	B	47	1.70	D
70	3.34	B	46	1.60	D
69	3.27	B-	45	1.50	D
68	3.20	B-	44	1.40	D
67	3.14	B-	43	1.30	D
66	3.07	B-	42	1.20	D
65	3.00	B-	41	1.10	D
64	2.92	C+	40	1.00	D
63	2.85	C+	Below 40	0	F
62	2.78	C+	Result Late	----	RL
61	2.70	C+	Withdrawal		W
60	2.64	C+	Repeat		R
59	2.37	C	Incomplete	0.00	I
58	2.50	C	–	–	--

Minimum passing marks for a course = 50%

15.3 Fraction of total marks obtained in a course shall be counted as one mark, e.g. 60.1 and 60.9 shall be considered as 61.

Example:

Examination	Weight	Marks Obtained
Mid Term	30	19.0
Sessional	20	10.3
Final Term	50	40.1
Total	**100**	**69.4**

The score shall be rounded to 70

However, CGPA shall not be rounded off

15.4 In order to calculate the GPA, multiply GP with the Credit Hours of each Course to obtain total grade points of the course, add up to Cumulative Grade Points and divide by the total number of Credit Hours to get the GPA for the semester.

For 4-Year Program

In order to calculate the GPA, multiply GP with the Credit Hours of each Course to obtain total grade points of the course, add up to Cumulative Grade Points and divide by the total number of Credit Hours to get the GPA for the semester.

Example-I (Semester – I) (Must obtain minimum 1.75 GPA and pass 50% courses)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	45	1.50	D	3	1.50 x 3 = 4.50
C2	53	2.18	C-	3	2.18 x 3 = 6.54
C3	45	1.50	D	4	1.50 x 4 = 6.00
C4	42	1.20	D	3	1.20 x 3 = 3.60
C5	43	11.30	D	3	1.30 x 3 = 3.90
		Total		**16**	**24.54**

GPA = 24.54 ÷ 16 = 1.53 (Dropped due to low GPA/failure in more than 50% courses)

Example-II (Semester – I) (Must obtain minimum 1.75 GPA and pass 50% courses)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	87	4.00	A	3	4.00 x 3 = 12.00
C2	68	3.20	B-	3	3.20 x 3 = 9.60
C3	45	1.50	D	4	1.50 x 4 = 6.00
C4	60	2.64	C+	3	2.64 x 3 = 7.92
C5	73	3.54	B	3	3.54 x 3 = 10.62
		Total		**16**	**46.14**

Total 46.14 GPA = 46.14 ÷ 16 = 2.88 (Promoted)

Example-III (Semester-II) (Must obtain minimum 1.75 CGPA and pass 50% courses)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C6	72	3.47	B	3	3.47 x 3 = 10.41
C7	69	3.27	B-	3	3.27 x 3 = 9.81
C8	80	4.00	A	3	4.00 x 3 = 12.0
C9	38	0.00	F	3	0.00 x 3 = 0.00
C10	Withdraw	--	W	0	------
		Total		**16**	**32.22**

GPA = 32.22 ÷ 12 = 2.69 (promoted)

For all BS 5th semester intake programs

Example-I (Semester–I) (Must obtain minimum 2.10 GPA and pass 50% courses)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	51	2.06	C-	3	2.06 x 3 = 6.18
C2	53	2.18	C-	3	2.18 x 3 = 6.54
C3	45	1.50	D	4	1.50 x 4 = 6.00
C4	52	2.12	C-	3	2.12 x 3 = 6.36
C5	61	2.70	C+	3	2.70 x 3 = 8.10
		Total		**16**	**33.18**

Total 33.18 GPA = 33.18 ÷ 16 = 2.07 (Dropped due to low GPA)

For calculating CGPA, sum total of GPs in all semesters earned in different courses multiplied by respective credit hours of a course and divided by total number of credit hours.

$$\text{CGPA} = \frac{\text{Total (GP x Credit Hours) of all courses}}{\text{Total Credit Hours of all courses}}$$

Total grade points in till 2nd semester = 46.14 + 32.22 = 78.36
Total credit hours till 2nd semester = 16+12 = 28

CGPA = 78.36 / 28 = 2.79 (Promoted)

Example-II (Semester-II) (Must obtain minimum 2.00 CGPA and pass 50% courses)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C11	51	2.06	C-	3	2.06 x 3 = 6.18
C12	67	3.14	B-	3	3.14 x 3 = 9.42
C13	47	1.70	D	3	1.70 x 3 = 5.10
C14	38	0.00	F	3	0.00 x 3 = 0.00
C15	35	0.00	F	0	0.00 x 3 = 0.00
		Total		**15**	**20.70**

Total 20.70 GPA = 20.70 ÷ 15 = 1.38

For calculating CGPA, sum total of GPs in all semesters earned in different courses multiplied by respective credit hours of a course and divided by total number of credit hours.

$$\text{CGPA} = \frac{\text{Total (GP x Credit Hours) of all courses}}{\text{Total Credit Hours of all courses}}$$

Total grade points in till 3rd semester = 46.14 + 32.22 + 20.7= 99.06
Total credit hours till 3rd semester = 16+12+15= 43

CGPA = 99.06 / 43 = 2.30 (Dropped due to failure in more than 50% courses)

On the similar pattern GPA and CGPA may be calculated and promotion status may be determined in the light of regulation 11.6

16. Migration/Transfer of Credits

Under extra-ordinary circumstances, the Vice Chancellor, on the recommendations of the Chairperson/Principal/Director of the Department/College/Institute/School, may allow migration/transfer of credits of students from HEC recognized Institutions to a Department/College/Institute/School/sub campus of the University and vice versa, provided that:

16.1 The institutions concerned agree for the migration/transfer of credits of such a student.

16.2 Migration/transfer of credits cases shall initially be scrutinized by the Department/College/Institute/School concerned. Eligible candidates must satisfy the following conditions:

16.2.1 S/he falls in the merit list drawn by the University for the respective session with which s/he wants to continue studies.

16.2.2 S/he has to provide NOC from the institution from where migration is required.

16.2.3 After migration the transferred student(s) must study at least 50% courses of the Program at the Department/College/Institute/School to become eligible for degree.

16.2.4 A student, who has been dropped out, rusticated, expelled, or whose entry in the parent institute was banned for any reason whatsoever at any time during his/her academic career, the case for transfer of credits shall not be considered.

16.2.5 Courses with credit hours and course contents equivalent to the Department/College/Institute/School courses, shall be considered for transfer.

16.2.6 Accepted courses along with their credit hours shall be displayed on the final/official transcript but their grades obtained from the parent institution will not be displayed. Such subjects will be marked as "Transferred Credits" (TR).

16.3 The concerned teaching department during the initial scrutiny of application will also prepare a list of courses accepted for transfer (keeping in view the marks obtained and availability in scheme of studies) and deficiency courses, if any, and submit the list to office of the Registrar along with recommendations.

16.4 All University regulations for migration/transfer of credits shall apply.

17. Departmental Examinations Committee

Each Department/College/Institute/School shall have a Departmental Examination Committee comprising three to seven members appointed by the Dean of the Faculty. The Chairperson/Principal/Director of the Department/College/Institute/School will be the Convener and one of the members will be In-charge Examinations as the member & Secretary of the Committee. The Committee will perform the following functions:

17.1 To decide the appeal/written complaints of the students;

17.2 To decide the unfair means cases;

17.3 To examine and decide all the matters regarding uniformity before the declaration of result and any other related matter.

17.4 Ensure content coverage of courses in line with the course outline and work plan provided by the teacher during the semester.

17.5 The decision of the committee shall be final.

18. Time Frame for Completion of Degree Programs

18.1 Maximum duration for the completion of various programs shall be as under:

Program	Maximum Duration
1-Year	Two Years
2-Year	Three Years
3-Year	Five Years
4-Year	Six Years
5-Year	Seven Years

18.2 In case a student is unable to secure degree within the prescribed time frame and requests for extension in duration, the Head of the department/college/institute/school will forward the case on hardship basis, as per procedure prescribed in regulation 19.7, to University Semester Committee. In the event of force majeure (i.e., delay on account of circumstance beyond the control of student), the University Semester Committee university may recommend extension in the maximum time period for approval of the Vice Chancellor.

19. University Semester Committee

There shall be a University Semester Committee to be constituted by the Vice Chancellor. The Committee shall perform the following functions

19.1 Provide consultation to the Department/College/Institute/School converting to semester system from the annual system.

19.2 Provide support in the implementation of semester system by arranging short courses for the faculty on its various aspects.

19.3 Monitor and report on the implementation of Semester Regulations and address various issues arising thereof.

19.4 Recommend necessary amendments in the Semester Regulations, if needed, for approval from relevant statutory bodies. Further, in unforeseen situations or where the semester regulations or procedures are silent/ambiguous/contradictory, University Semester Committee may issue guidance/interpretation after approval of Vice Chancellor.

19.5 Vice Chancellor can extend the degree time period on the recommendations of Semester Committee.

19.6 Deal with the individual student hardship cases studying under the semester and term system of affiliated colleges.

19.7 Procedure:

19.7.1 University Students shall submit the application in the office of respective Chairperson/Principal/Director. The application shall be submitted along with processing fee @Rs. 500 in prescribed University account. Chairperson/ Principal/Director shall forward the application to the Chairman Semester Committee with clear recommendations about acceptance/rejection of student's hardship.

19.7.2 Whereas, the students studying under term system (affiliated colleges) shall submit application in office of Principal of college and Principal shall forward the application to the Controller of Examinations of the University. The application shall be submitted along with processing fee @Rs. 500 in prescribed University account. The Controller of Examinations shall forward the application to the Chairman University Semester with clear recommendation keeping in view student's hardship.

19.7.3 The University Semester Committee after reviewing the cases shall submit the recommendations to the Vice Chancellor for necessary approval.

20 Schedule of Semesters:

20.1 There shall be two regular semesters (Fall and Spring) in an academic year.

20.2 Each semester shall be of 18 weeks. Sixteen weeks for teaching and one to two weeks for examination. In case of deficiency of delivered lectures, the teacher will arrange make-up classes with the approval of Head of Department/Institute/College.

20.3 During the Summer Break, University may offer Summer Semester of 06-08 which will provide opportunity to meet up deficiency or to improve grades and internship. The following will be the standard operating procedures for Summer Semester:

20.3.1 A student can enroll maximum 02-03 courses during summer semester with the approval of Head of Department/Institute/College.

20.3.2 No student can enroll courses during summer semester if enrolled for internship in that particular summer semester.

20.3.3 The minimum class size during summer semester will be 10. In case of less than 10 students the course may be offered on coaching/consultancy basis.

20.3.4 A student who has either failed or has been stopped to take the examination due to shortage of class attendance or wishes to improve his/her grade is allowed to register in summer. A student can enroll withdrawn course only in case regular class for that course is being offered in summer semester.

20.3.5 The contact hours per week during the Summer Semester will be doubled to ensure that the course is completely taught in a summer session with half of the duration as compared to a regular (Fall/Spring) semester.

20.3.6 During summer semester for the students who intend to repeat/improve compulsory/General Education courses combined class will be offered in the parent/relevant department and the students from all other departments who intend to repeat/improve such courses shall join that class in the relevant department.

Repeal: The existing regulations may be repealed. However, the cases arising under the repealed regulations shall be governed by those regulations.



Graduate Semester Regulations

1. Preamble

Notwithstanding anything contrary to the provisions of University of Sargodha Ordinance, 2002/Amendment Act 2004, the University shall offer MS/MSc(Hons)/MPhil/Equivalent and PhD level research programs in all those disciplines where appropriate. Provided that in accordance with the prescribed quality criteria for admission to MS/MSc(Hons)/ MPhil/Equivalent programs and PhD Programs, rules and regulations mentioned hereinafter regarding admission, registration and examination for MS/MSc(Hons)/ MPhil/ Equivalent and PhD studies shall be applicable to each graduate level research program offered by the University.

2. Short Title and Commencement

2.1 The rules and regulations described hereunder shall be called "Graduate Semester Regulations-2023" and shall come into force from the Fall semester 2023.

3. Definitions

In these rules and regulations unless the subject or context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say:

3.1 "University" means the University of Sargodha.
3.2 "Vice Chancellor" means the Vice Chancellor of the University.
3.3 "Syndicate" means the Syndicate of the University.
3.4 "Authority" means any of the Authorities of the University specified in the Ordinance.
3.5 "AS & RB" means Advanced Studies and Research Board (AS & RB) of the University.
3.6 "Board of Studies" means the board comprising of specified members for each subject or group of subjects taught in any Department/College/Institute/School.
3.7 "Dean" means the Chairperson of the Board of Faculty.
3.8 "Director" means director of and Institute/School/Centre.
3.9 "Principal" means the head of a Constituent College.
3.10 "Chairperson" means head of an academic Department.
3.11 "Department" means a teaching, research and technological development department maintained and administered by the University.
3.12 "College" means a Constituent College of the University.
3.13 "Institute" means an Institute maintained and administered by the University.
3.14 "School" means a School maintained and administered by the University.
3.15 "Controller of Examinations" means the Controller of Examinations of the University (abbreviated as CE in this dossier).
3.16 "Prescribed" means prescribed in the Statutes, Regulations or Rules framed by the relevant authority.
3.17 "Research Program" means MS/MSc(Hons)/MPhil, PhD and other research based programs of the University.
3.18 "Academic Year" means a year consisting of two regular semesters namely, Fall and Spring, and a Summer Semester.
3.19 "Semester" means duration of eighteen weeks inclusive of examinations i.e., sixteen weeks for teaching, one week for conduct of final term examinations and one week for preparation and submission of results.
3.20 "Graduate Program Committee" means each Department shall constitute a Graduate Program Committee comprising senior most (3-5) faculty members with Chairperson as its head. The Committee, approved by the Vice Chancellor through the Dean concerned, shall look after the MS/MSc(Hons)MPhil and PhD program and take all necessary actions/steps to run the program smoothly.
3.21 "Intradisciplinary" refers to sub-disciplines occurring within one of the ten broad disciplines defined by UNESCO's International Standard Classification of Education (ISCED-F-2013).
3.22 "Supervisory Committee" means each Department shall constitute a Supervisory Committee, for each doctoral researcher, to supervise the doctoral research with supervisor as its convener and co-supervisor (if any) and expert(s) from the field of research as members. In case of non-availability of the relevant expert among the regular faculty, a co-supervisor can be taken from other HEI or organization.
3.23 "HJRS" means HEC Journal Recognition System.
3.24 "GRE/HAT" test means a test conducted by THE University/HEC/any testing body accredited by HEC.

4. Introduction

Following are the guidelines, procedures and regulations to be followed by the Department/ College/ Institute/ School where MS/MSc(Hons)/MPhil/Equivalent and PhD programs are in vogue.

4.1 A copy of printed Revised Rules and Regulations shall be made available in all the Departments/Colleges/Institutes/Schools as well as the University Library for guidance and electronic copy shall be available in downloadable from the website of the University (www.uos.edu.pk).
4.2 The rules and regulations inscribed here are subject to amendment/change and repletion by the Competent Authority on the recommendation/direction/guideline of the relevant bodies of the University.

5. Pre-Requisites to Launch an MS/MSc(Hons)/MPhil/Equivalent or a PhD Program

5.1 Any Teaching Department/College/Institute/School of the University can launch MS/MSc(Hons)/ MPhil/ Equivalent and PhD programs provided it fulfills the following criteria laid down by the HEC:
5.1.1 At least two full time faculty members holding PhD degrees in the relevant field shall be available/appointed to the department to launch an MS/MPhil/Equivalent program that may be increased up to three (3) if a PhD program is also to be launched in the same discipline and department.
5.1.2 The minimum appointment tenure for full-time faculty members must not be less than the duration of the intended degree program.
5.2 Before launching any research program, the Department/College/Institute/School shall obtain NOC from Higher Education Commission, Islamabad, as per criteria and timelines mentioned in the HEC Graduate Education Policy 2023 and ascertain the number of seats as per facilities and program details.
5.3 The admission to MS/M.Sc (Hons)/MPhil/Equivalent program and PhD programs shall be widely advertised.
5.4 Minimum class size for MS/M.Sc (Hons)/MPhil/Equivalent and PhD program shall be 10 and 05 respectively. However, in case of less than the prescribed number of students, special permission for start of the program shall be sought from the Vice Chancellor on the recommendations of University Admission Committee. Teacher to student ratio will be 1:12.

6. Eligibility Criteria

6.1 MS/MSc(Hons)/MPhil/Equivalent programs:
6.1.1 The candidates having second division (≥ 45% marks) in annual system or CGPA ≥ 2.00 out of 4.00 in MA/MSc/LLB/BS (4–Year)/B-Pharmacy/ PharmD/ MBBS/ BDS/ BE/ BSc Engineering etc. [16-year education] degree in semester system in the relevant subject or Equivalent from the HEC recognized institutions shall be eligible for admission to MS/M.Sc (Hons)/MPhil/Equivalent program.
6.1.2 Those candidates shall be considered eligible for admission who pass the University entry test (minimum 50% marks) and an interview conducted by the Graduate Program Committee of the relevant Department/College/Institute/School of the University.

6.1.3 The candidates who are employed in Federal/Provincial government or semi-government organizations shall produce NOC (No Objection Certificate) from their employer (before the end of the first semester of their respective program of study).

6.1.4 The intra-disciplinary admission may only be allowed, if:

a) The applicant has a strong interest in pursuing an MS/MPhil/Equivalent degree in a different discipline.

b) The applicant has passed GRE-Subject/equivalent test with minimum 50% marks in the discipline of admission and he/she shall have to take 6-9 CH of deficiency courses of level 6 as a zero/bridging semester or with regular workload of first three semesters.

c) The Graduate Program Committee is satisfied that the applicant's knowledge of primary area (level 6) has sufficiently prepared him or her to undertake the course of studies of the MS/MPhil/Equivalent program (or, in the opinion of the Graduate Program Committee, the preparation can be deemed satisfactory by taking a few additional courses after starting the program).

d) Admission shall only be confirmed fulfilment of requirements laid down in regulation 6.1.4 (b) & (c).

e) The provision of an "equivalent" test applies only when the GRE-Subject test is not available in Pakistan; the University subject test, at par with GRE-Subject test, will then be accepted. In addition, the candidate must pass the GRE/HAT General test as a mandatory requirement.

6.2 PhD Program:

6.2.1 The candidates having CGPA ≥ 3.00 out of 4.00 (in the semester system) or minimum 60% marks (in the annual system) in MS/MSc(Hons)/MPhil/ LLM/MSc(Engineering)/MD/MDS degree etc. (18-year education with minimum 24 and 6 CHs for course and research work respectively) in the relevant subject or equivalent from the HEC recognized institutions shall be eligible for admission.

6.2.2 Those candidates shall only be considered eligible who shall pass:

a) The entry test equivalent to GRE/HAT General Test (minimum 60% marks) conducted by the University and interview conducted by the Graduate Program Committee of the relevant Department/College/ Institute/School of the University.

b) The applicants having minimum 60% GRE/HAT General Test score issued by the HEC accredited testing bodies shall be exempted from the University test for admissions to PhD program.

c) In addition to GRE/HAT General Test, the University may conduct subject test for admission to PhD program with the approval of the Vice Chancellor on the recommendations of University Admission Committee.

6.2.3 The candidates who are employed in Federal/Provincial government or semi-government organizations shall produce NOC (No Objection Certificate) from their employer.

6.2.4 If the CGPA/Percentage is not mentioned on the transcript, the candidate must have to produce equivalent weightage from his/her parent institute.

6.2.5 Omitted.

6.2.6 Students pursuing MS/MPhil studies and interested in continuing to PhD may be granted provisional admission upon satisfaction of the Graduate Program Committee regarding Statement of Purpose and students' commitment to the PhD program, provided that confirmation of the admission shall be subject to the fulfilment of the following conditions within a period of one year from the date of provisional admission:

a) Award of MS/MPhil degree, as prescribed in these regulations.

b) Clearance of the admission test, as prescribed in these regulations.

6.2.7 The intra-disciplinary admission may only be allowed, if:

a) The applicant has a strong interest in pursuing a PhD in a different subject of the discipline.

b) The applicant has passed GRE-Subject/Equivalent Test with minimum 50% marks in the discipline of admission and shall have to take 6-9 CH of deficiency courses of level 7 as a zero/bridging semester or with regular workload of first three semester.

c) The Graduate Program Committee is satisfied that the applicant's knowledge of the primary area (level 7) has sufficiently prepared him or her to undertake the course of study of the doctoral program (or, in the opinion of the Graduate Program Committee, the preparation can be deemed satisfactory by taking a few additional courses after starting the program)

d) Admission shall only be confirmed on fulfilment of requirements laid down in regulation 6.2.7 (b) & ©.

e) The provision of an "equivalent" test applies only when the GRE-Subject test is not available in Pakistan; the University subject test, at par with GRE-Subject test, will then be accepted. In addition, the candidate must pass the GRE/HAT General test as a mandatory requirement.

6.3 Only those candidates shall be granted admission to MS/MSc(Hons)/ MPhil/Equivalent or PhD program who fulfill the criteria laid down by the HEC and specified by the concerned Teaching Department, which are subject to change from time to time by the relevant bodies of the University.

6.4 As part of the application for admission to PhD programs, applicants shall be required to submit a statement of purpose, which shall form an integral part of the application. The Graduate Program Committee shall use the information provided to ascertain the preparedness and interest of the candidate in pursuing doctoral studies, and whether the department has the requisite resources to train and supervise the doctoral candidate in the subspeciality in which the applicant is interested. A statement of purpose shall, at least, include the following:

a) Title of the potential research proposal

b) Clear articulation of the current understanding of the intended field and ideas for potential research

c) Explanation of the intended impact of the proposed research

d) The prospective candidates shall demonstrate passion and enthusiasm for the area of research

7. Procedure for Application, Admission and Registration

7.1 An applicant seeking admission to MS/MSc(Hons)/MPhil/Equivalent or PhD program shall apply (online) within due date given in the advertisement for admission.

7.2 Upon offer of admission, the applicant shall submit all dues, original terminal DMC (for two semester only), an affidavit (enclosed in the prospectus) and copies of all previous degrees/certificates to the respective Department/ College/Institute/School in which the candidate wishes to pursue his/her studies.

7.3 The candidate shall be enrolled as per the University rules and regulations to establish his/her bonafide status. In order to remain enrolled in the University, every candidate shall pay the prescribed fee and other charges on semester basis to the University, failing which their admission shall be liable to be cancelled.

7.4 MS/MSc(Hons)/MPhil/Equivalent program and PhD program require full time course/research work.

7.5 The list of admitted students shall be sent to the offices of the Treasurer, Controller of Examinations, Librarian and Director Academics for maintaining their personal files (registration returns, fee returns, examination record, library card and student identity card).

7.6 The merit of eligible candidates of MS/MSc(Hons)/MPhil/equivalent or PhD Program shall be determined as follows:

a) Academic Qualifications (Terminal Degree) 70% contribution

b) University Entry Test/GRE/HAT 30% contribution

c) Candidates must qualify the interview conducted by the Graduate Program Committee of a Department/College/Institute/School.

7.7 Qualification from institutions other than the University of Sargodha shall be equalized by the Admission Committee of the University.

8 Migration/Transfer of Credits

Under extraordinary circumstances, the Advanced Studies and Research Board (AS & RB) on the recommendation of the Board of Studies (BoS) concerned, may allow migration/transfer of credits of a student of MS/MSc(Hons)/MPhil/Equivalent or PhD program from another University/Degree Awarding Institutions (DAI) recognized by the HEC to a teaching Department of the University and vice versa:

8.1 The scholar will be required to provide a no objection certificate (NOC) from the University where s/he has been registered before and the consent of the Chairperson/Principal/Director of the Department/College/Institute/School of the University. The equivalence of credits to be transferred shall be determined by the Department concerned through its Board of Studies.

8.2 The research scholar shall pay the registration, tuition and examination fees on semester basis and fulfill all other requirements as per rules and regulations of the University.

8.3 No migration case shall be accepted which contravene above cited rules and Admission Regulations of the University.

8.4 The transfer of research work is permissible, provided that the host university accepts the research conducted at the parent university prior to the credit transfer.

9. Specific Conditions for Award of MS/MSc(Hons)/MPhil/Equivalent and PhD Degree:

9.1 For award of MPhil/MS/MSc(Hons)/Equivalent degree, candidates shall:

a) Either need to complete 30 credit hours of course work or

b) Complete 24 credit hours of coursework along with a minimum of six (6) credit hours for research work/thesis.

9.2 The MS/MPhil degree shall be awarded not before the completion of 1.5 years or three (03) regular semesters and not after completion of four (04) years or eight (08) regular semesters. The period shall be counted from very first date of admission/readmission in 1st semester to the MPhil/MS/MSc(Hons)/equivalent program until the date of the completion notification of the degree.

a) If the scholar's degree is not completed in 2 years, one year (3rd year of study) extension shall be provided by the Chairperson/Principal/Director of the Department/ College/ Institute/ School upon valid justification and recommendation of the research supervisor. Whereas, last year (4th year of study) extension shall be provided by the Dean of the concerned Faculty.

b) In case a student is unable to secure an MS/MPhil within the prescribed timeframe and claims for extension in duration, the Graduate Program Committee shall determine the causes of delay and the Head of the Department/College/Institute/School shall forward the case to the Advanced Studies and Research Board. In the event of force majeure (i.e., delay on account of circumstance beyond the control of student), the University may through Advanced Studies and Research Board grant an extension in the period of award of MS/MPhil degree in accordance with the duration limiting factor(s) and shall also take corrective measures in case the delay is caused by process or administrative reasons.

9.3 For PhD program, the students shall complete the coursework of at least:

a) 18 credit hours if they are from the same discipline.

b) The courses shall be offered through regular classes (i.e., classes taught on campus by full-time faculty members of the University)

c) The courses shall preferably be of level-8.

d) PhD degree shall be based on research, not only on credit hours (coursework).

9.4 The PhD degree shall be awarded by the University not before the completion of three years or six regular semesters and not after completion of eight years or 16 regular semesters. The period shall be counted from very first date of admission/readmission in 1st semester to the PhD program until the date of the completion notification of the PhD degree.

a) If the scholar's degree does not complete in 3 years, then 4(th) 5(th) & 6(th) year of study extension shall be provided by the Chairperson / In-charge / Principal /Director of the Department/College/Institute/School upon valid justification on the recommendation of the research supervisor.

Whereas, last two years (7th and 8th year of study) extension shall be provided by the Dean of the concerned Faculty upon the recommendation of the research supervisor and Chairperson/In-charge/ Principal/Director of the Department/ College/Institute/ School.

b) In case a student is unable to secure a PhD within the prescribed timeframe and claims for extension in duration, the Graduate Program Committee shall determine the causes of delay. In the instance of force majeure (i.e., delay on account of circumstance beyond the control of student), the University may through Advanced Studies and Research Board grant an extension in the period of award of PhD degree in accordance with the duration limiting factor(s) and shall also take corrective measures in case the delay is caused by process or administrative reasons.

9.5 MS/MSc(Hons)/MPhil/Equivalent degree shall be awarded to a candidate who shall:

a) Acquire CGPA ≥ 2.50 after completion of degree requirements; and

b) Submit one research paper based on MPhil research in the HEC recognized journals (only in case a student opts for research work / thesis in the degree program). The following documentation shall be mandatory:

Proof of submission of research paper in HEC recognized journal, duly vetted by the Chairperson of the teaching unit.

Copy of title and abstract of the submitted paper for the official academic record.

c) The departments shall admit students to MS/MPhil/PhD programs based on the availability of supervision slots.

d) Gradually in Ph.D programs, Supervisors shall be allotted by the end of the first semester, based on written consent from the students obtained during the first semester before the final examination.

e) Before collecting preferences from students, the available capacity of each supervisor should be clearly stated so that students can make informed choices based on the availability of each supervisor.

Students pursuing degree with research work, after successful completion of course work, shall submit one page project abstract 150-200 words (annexure-I) and synopsis (Annex-III), signed by the scholar and supervisor(s) to the Chairperson/In-charge/Principal/Director of the Department/ College/Institute/School which shall be placed before the Graduate Program Committee for recommendations prior to placement before Board of Studies. The Chairperson/In-charge/Principal/Director of the Department/College/Institute/School, through Board of Studies and Dean of the faculty, shall forward project abstract, synopsis, names of supervisors and list of three local examiners to AS&RB for approval. Approved copies of the synopsis shall be sent to the offices of the Chairperson/In-charge/Principal/Director of the Department/ College/Institute/ School and Controller of Examinations for record.

9.6 The doctoral candidate shall acquire CGPA ≥ 3.00 after completing course work of 18 CHs which shall follow a comprehensive examination to pass (≥50% marks)/ qualify. After successful completion of course work, the student shall submit synopsis (Annex-III), signed by the scholar and supervisor(s) to the Chairperson/In-charge/Principal/Director of the Department/College/Institute/School who shall arrange public defense of synopsis, which shall be chaired by the Dean of the Faculty concerned. The scholar shall defend his/her synopsis in the presence of members of Graduate Program Committee, Dean and Faculty members. After successful synopsis defense, the Chairperson/ In-charge/ Principal/ Director of the Department/ College/ Institute/School, through Board of Studies and Dean of the faculty, shall forward synopsis, names of supervisors and list of examiners to AS&RB for approval. Approved copies of the synopsis shall be sent to the offices of the Chairperson/In-charge/Principal/Director of the Department/ College/Institute/ School and Controller of Examinations for record.

9.7 Appointment of examiners and thesis evaluation of MS/M.Sc. (Hons.)/M.Phil. Scholars

9.7.1 The MS / M.Sc. (Hons.) / M.Phil. thesis shall be evaluated by an external examiner.

9.7.2 The plagiarism check must be conducted by the Central Library of the University before submission of thesis to the Office of the Controller of Examinations for external evaluation.

9.7.3 The copy of the thesis, after plagiarism check, shall be sent to the Controller Office for external evaluation.

9.7.4 The Controller of Examinations shall send the thesis to external examiner after approval of examiner/s by the Vice Chancellor from the panel of three examiners already approved by the Advanced Studies & Research Board.

9.7.5 External examiner shall submit his/her recommendations as to:

a) Thesis is acceptable in its present form;
b) Thesis is acceptable after minor revisions;
c) Thesis is acceptable after major revisions and not to be sent back for re-evaluation;
d) Thesis is acceptable after major revisions and be sent back for re-evaluation;
e) Thesis is not acceptable and is rejected.

9.7.6 Maximum expected time for evaluation of thesis by the external examiner is 3-months. The reminders are supposed to be sent to the examiner after 4 weeks. If the examiner does not respond within the given maximum time, the Controller of Examinations shall send the thesis to an alternate examiner on approval from the Vice Chancellor.

9.7.7 Conditions defined in Sub-Section 9.7.5 shall result in action as tabulated below;

Evaluation Report	Action Required
Thesis is acceptable in its present form.	The scholar shall qualify for the viva voce examination.
Thesis is acceptable after minor revisions	The scholar shall make suggested changes and have them endorsed by the supervisor on behalf of the examiner (within 3-months). The thesis shall then be deemed to be "Approved" and the student shall qualify for viva voce examinations.
Thesis is acceptable after major revisions and not be sent back for re-evaluation	The scholar shall make suggested changes and have them endorsed by the supervisor on behalf of the examiner (within 3-months). The thesis shall then be deemed to be "Approved" and the student shall qualify for viva voce examinations
Thesis is acceptable after major revisions and be sent back for re-evaluation	The scholar shall make the suggested changes (within 6-months) and have them endorsed by the supervisor. The Office of Controller of Examinations shall send the amended thesis back to the examiner for re-evaluation. This process shall continue until "Approved" or "Approved with minor/major revisions not requiring resubmission". Subsequent actions shall be as per regulations depending on the re-evaluation report.
Thesis is not acceptable and is rejected.	Thesis shall be considered as rejected.

9.7.8 In case of thesis rejection, the scholar may submit the request to the Chairperson / In-charge / Principal / Director of the department / College / Institute / School concerned for re-evaluation of his/her thesis from a second external examiner fully endorsed by the Supervisor within 3-6 months. The scholar shall be liable to submit thesis evaluation fee as per approved rates. The Office of Controller of Examinations shall send the amended thesis to another examiner from the approved panel on approval from the Vice-Chancellor. In case the thesis is adjudged inadequate by the second external examiner, the thesis shall be considered as rejected. No further chance for re-evaluation of thesis shall be granted in any case by any authority whatsoever.

9.7.9 The Chairperson/In-charge/Principal/Director of the Department/College/ Institute/School concerned shall arrange and chair viva voce examination of the scholar in the presence of the supervisor and external examiner on a convenient date upon receipt of positive comments by external examiner to the Office of Controller of Examinations and shall forward the result within two weeks of the conduct of viva voce examination to the Controller of Examinations for notification.

9.8 Every research scholar (MS/MSc(Hons)/MPhil/Equivalent program and PhD) shall submit a report to his/her research supervisor(s) on a prescribed proforma showing six month progress by the end of June and December in every year (annexure-IV). The research supervisor(s) shall endorse the report with his/her comments, which shall be finally signed by the Chairperson/In-charge/Principal/Director of the Department/College/ Institute/School and shall be saved in student's file. A copy of such report shall be communicated to the Director Academics.

9.9 The maximum number of MS / MSc (Hons) / MPhil / Equivalent and PhD students working under a full time faculty member (Regular / TTS / Contractual / IPFP) / Supervisor of the University shall be as per the HEC criteria.

9.10 Minimum 75% attendance (out of total delivered lectures by the teacher in the course) in each course shall be compulsory to appear in a final term examination of a MS/MSc(Hons)/MPhil/Equivalent program and a PhD program. The Chairperson/In-charge/Principal/ Director of a Department/College/Institute/ School can waive off 5% shortage and Dean of a Faculty can further waive off 5% shortage as well for genuine cases (medical ground/factors beyond human reach).

9.11 In genuine conditions (medical ground/factors beyond human reach) leave may be availed by the student for maximum 2-4 weeks after recommendation of the Chairperson/In-charge/Principal/Director of a Department/College/ Institute/School and approval by the Dean of the Faculty but the leave shall not be counted as attendance. The period of leave shall be counted as absence from the lectures with no fine/struck off from roll calls.

9.12 In genuine condition, if leave for more than 4 weeks are required, the student shall forward a request to the Chairperson/In-charge/Principal/Director of a Department/ College/Institute/School to freeze the semester who shall further notify the decision to the Dean of the Faculty and Director Academics. However, very first semester of MS/MSc(Hons)/MPhil/Equivalent program and PhD program shall not be frozen.

9.13 The plagiarism check must be conducted on the MS/MSc(Hons)/MPhil/Equivalent and PhD dissertation by Central Library before its submission to the experts for evaluation. The Head of the Department shall forward an electronic copy on CD to the Central Library for plagiarism check. The Central Library shall forward the plagiarism check report and soft copy of thesis to the concerned Department.

9.14 Due dates to submit thesis to the Office of Controller Examinations of MS/MSc(Hons)/MPhil/Equivalent program and PhD program shall be 30th September and 28th February of the relevant academic year for the students admitted in Fall and Spring semesters respectively. Otherwise, extension in time limit shall be required as per regulation 9.2.

9.15 At the time of submission of thesis of MS/MSc(Hons)/MPhil/Equivalent for evaluation, the student shall submit a copy of thesis signed by the supervisory committee to the office of the Controller of Examinations through Principal/Director/Chairman by fulfilling all requirements mentioned in the check list (Annexure-VI)

10. Cancellation of MS/MPhil/MSc(Hons)/Equivalent or PhD Candidature

MS/MSc(Hons)/MPhil/Equivalent or PhD candidature shall be cancelled by the Vice Chancellor on the recommendation of the supervisor and Chairperson / Principal / Director of the Department/ College/ Institute/ School routed through Registrar Office, if the scholar:

10.1 Does not complete the course work.
10.2 Does not qualify the comprehensive examination within specified time.
10.3 Fails to contact his/her supervisor or leaves the program over a month without prior permission.
10.4 Earns two consecutive adverse six-monthly progress reports from his/her supervisor.

10.5 Is found guilty of misconduct by the University Discipline Committee.

10.6 The aggrieved scholar may file an appeal against cancellation of candidature to the AS & RB within a period of 30 days. The AS & RB shall give him/her opportunity to be heard in person before deciding his/her appeal.

11. Examination

11.1 MS/MPhil Program

11.1.1 A scholar shall register minimum 09 CHs workload (maximum 18 CHs) in each semester.

11.1.2 At the end of the first semester, a scholar must obtain a minimum Grade Point Average (GPA) of 2.50 to be promoted to the second semester.

11.1.3 In case a scholar obtains 2.30 ≤ GPA < 2.50 in first semester, s/he shall be promoted to the second semester on probation. The scholar, who obtains GPA < 2.30 in the first semester, shall be dropped from the semester.

11.1.4 The scholar shall have chance of readmission in first semester subject to allotment of new roll number and session. However, in case of no subsequent admissions in the relevant program, permission may be sought from the Vice Chancellor keeping in view regulation 5.4.

11.1.5 In case a scholar is not able to obtain CGPA ≥ 2.50 in the second and subsequent semester, s/he shall be dropped from the semester.

11.1.6 In case a scholar is dropped out in the second/relevant semester, such scholar shall have a chance of readmission to the second/relevant semester to complete his degree in maximum period (4 years) starting from the date of very first admission. However, in case of no subsequent admissions in the relevant program, permission may be sought from the Vice Chancellor keeping in view regulation 5.4.

11.1.7 After completion of the coursework, the scholar shall carry out research work under the supervision of his/her supervisor/co-supervisor.

11.1.8 A student, who obtains GP < 2.50 in any course, may be allowed to repeat course(s) whenever offered before the submission of research thesis.

11.1.9 Only those students, who secured CGPA ≥ 2.50, shall be awarded MS/MSc(Hons)/MPhil/Equivalent degree.

11.1.10 A student, who secured CGPA < 3.00 after the completion of coursework and wants to improve his/ her CGPA, may be allowed to repeat 2-3 courses as and when offered before the submission of thesis.

11.2 PhD Program

11.2.1 A scholar shall register minimum 9 CHs/semester workload (maximum 12 CHs) in first two semesters. A scholar shall complete 18 CHs coursework to appear in a comprehensive examination.

11.2.2 At the end of the first semester, a scholar must obtain a minimum Grade Point Average (GPA) of 3.00 to be promoted to the next semester.

11.2.3 In case a scholar obtains 2.50 ≤ GPA < 3.00 in first semester, s/he shall be promoted to the second semester on probation. The scholar, who obtains GPA < 2.50 in the first semester, shall be dropped out from the semester.

11.2.4 The scholar shall have a chance of readmission in the first semester subject to the allotment of new roll number and session. However, in case of no subsequent admission in the relevant program, permission may be sought from the Vice Chancellor keeping in view regulation 5.4.

11.2.5 In case a scholar is not able to obtain CGPA ≥ 3.00 in the second and subsequent semester, s/he shall be dropped out from the semester.

11.2.6 In case a scholar is dropped out in the second semester, such scholar shall have a chance of readmission to second semester or the first semester. The readmission cannot be granted if remaining time for completion of degree is not sufficient keeping in view the maximum time limit of the program starting from the date of very first admission. However, in case of no subsequent admissions in the relevant program, permission may be sought from the Vice Chancellor keeping in view regulation 5.4.

11.2.7 The scholar must obtain a minimum CGPA 3.00 at the end of course-work to qualify for comprehensive examination.

12. Grading System

12.1 The grading shall be done on a scale of 1 to 4.

12.2 Equivalence between Letter Grade and Numerical Grade shall be as follows:

GRADING TABLE

%age Marks	Grade Point	Letter Grade	%age Marks	Grade Point	Letter Grade
85-100	4.00	A+	57	2.43	C
80-84	4.00	A	56	2.36	C
79	3.94	B+	55	2.30	C
78	3.87	B+	54	2.24	C-
77	3.80	B+	53	2.18	C-
76	3.74	B+	52	2.12	C-
75	3.67	B+	51	2.06	C-
74	3.60	B	50	2.00	C-
73	3.54	B	49	1.90	D
72	3.47	B	48	1.80	D
71	3.40	B	47	1.70	D
70	3.34	B	46	1.60	D
69	3.27	B-	45	1.50	D
68	3.20	B-	44	1.40	D
67	3.14	B-	43	1.30	D
66	3.07	B-	42	1.20	D
65	3.00	B-	41	1.10	D
64	2.92	C+	40	1.00	D
63	2.85	C+	Below 40	0	F
62	2.78	C+	Result Late	----	RL
61	2.70	C+	Withdrawal		W
60	2.64	C+	Repeat		R
59	2.37	C	Incomplete	0.00	I
58	2.50	C	–	–	--

Minimum passing marks for a course = 50%

12.3 The Letter Grade (LG)/Grade Point (GP) shall be assigned for each course according to Grade Points Table mentioned above; whereas, no LG shall be assigned to GPA/CGPA.

12.4 Fraction of marks obtained in a course shall be counted as one mark, for example 60.1 and 60.9 shall be considered as 61.

12.5 The Grade Point Average (GPA) of a semester shall be calculated as follows:

a. Multiply GP with the CHs to obtain total grade points in each course;

b. Add up to cumulative grade points and divide by the total number of CHs for the semester:

$$GPA = \frac{\sum(GP \times CHs) \text{ of courses of a semester}}{\text{Total CH of a semester}}$$

12.6 For calculating CGPA, add up the total grade points of all courses of semesters and divide by the total number of CHs

$$CGPA = \frac{\sum(GP \times CHs) \text{ of all courses of a semester}}{\text{Total CHs of Semesters}}$$

12.7 A student shall be awarded incomplete grade 'I' on medical grounds or the circumstances beyond his/her control determined by the Graduate Program Committee in the following cases:

9.1.1 If a student fails to complete any assignment, test, quiz, term paper, presentation etc. assigned to him/her by the teacher for the purpose of internal assessment.

9.1.2 If a student is unable to appear in a part or whole of the Mid Term or Final Term examination of a semester.

12.8 The student may be allowed to appear in the Special Mid/Final Examination of the semester to be held by the Department/College/Institute/Centre before the commencement of the next semester. However, the student must have:

12.8.1 Fulfilled attendance requirement.

12.8.2 Remained admitted as patient in a recognized hospital. If s/he has not been hospitalized, the student shall be examined by the University Medical Officer.

12.9 The result of such student shall be withheld till the conduct of the special examination before the commencement of the next semester. If the student does not appear in the special exam, s/he shall be considered fail in that course(s) and result shall be updated accordingly.

12.10 There shall be no provisions of special examination for the students who have already appeared in final examinations.

13. Submission of Results

Each teacher is required to submit result within one week after the final examination of each semester. The Chairperson/In-charge/Principal/Director of a Department/College/Institute/ School shall forward it to the Controller of Examinations within 10 days after the closure of final examination.

14. Research Supervision

14.1 There shall be a Supervisory Committee comprising of supervisor, co-supervisor(s) (if any) and Expert(s) from field chaired by the supervisor provisionally approved by the Dean of the Faculty on the recommendation of the Board of Studies concerned. The Committee shall be confirmed by AS & RB. The scholar is free to choose his/her supervisor(s) from the Department/ College/Institute/School concerned.

14.2 A member of the Committee can be taken from any other HEIs or Organization. The scholar may be allowed to change his/her supervisor under special circumstances in consultation with Chairperson/In-charge/Principal/Director of the Department/ College/Institute/School and Dean of the Faculty subject to the confirmation by the AS & RB.

14.3 The research supervisor shall be provisionally allocated to a doctoral student from the date of enrollment through Graduate Program Committee.

14.4 At the time of allocation of supervisors to the Ph.D. scholars, the supervisor:

a) Shall be a PhD degree holder complying with the criteria and standards provided in these Regulations.

b) Must be relevant to the field of research in which the student intends to conduct research.

c) Should have NO CONFLICT OF INTEREST in personal, financial, or professional stakes.

d) Should have the time and availability to supervise PhD dissertation and give clear and constructive feedback.

e) Should be capable of conducting his/herself in a professional and respectful manner throughout the supervision process.

f) Should be capable of maintaining confidentiality and protecting the intellectual property of the dissertation.

g) Should, primarily, be a regular/adjunct faculty member of the University.

14.5 The supervisory workload of research supervisors should be determined based on the nature of the institution, availability of teaching and research facilities, and the academic standing of supervisors. However, it is mandated that the maximum supervisory load shall not exceed five PhD students, simultaneously. Further, fresh PhDs can supervise MS/MPhil and co-supervise PhD students, while a PhD faculty member, after two years of obtaining a PhD degree, can supervise one PhD student in 3rd year, two PhD students in 4th year and maximum up to 5 PhD students from 5th year onward, subject to fulfillment of other conditions (if any).

14.6 The maximum number of MS/MSc(Hons)/MPhil and PhD students working under a full time faculty member (Regular/TTS/Contractual/IPFP) of the University of Sargodha shall be as per HEC criteria [a supervisor can supervise a total of twelve (12) MS/MPhil/PhD students at a time with no more than five (5) of these students being PhD students.].

14.7 PhD research work completed under supervision is a shared property of supervisor and supervisee. All publications resulting from such research shall reflect the authorship of both parties and shall be subject to mutual consent.

14.8 Criteria to Be a PhD Supervisor

To be a PhD research supervisor, an individual shall meet the following requirements:

14.8.1 General Requirements:

a) A PhD degree from an HEC recognized national/international university/degree awarding institute (DAI).

b) The research supervisor shall be given opportunities to attend and qualify course(s) on MS/MPhil/PhD Supervision which should also have contents on research ethics, publications, patents, etc. Such courses may include certified self-paced MOOCS, or a course designed/offered by National Academy of Higher Education (NAHE) or by a university in the following manner:

i. Basic level course: to supervise students of MS/MPhil/equivalent degrees.

ii. Advance level course: to supervise PhD researchers.

c) A regular or adjunct faculty member or researcher at a public or private university or DAI, or position of researcher or scientist at any R&D or public/private sector organization. However, in the case of a non-faculty PhD supervisor, who otherwise meets the criteria of being a PhD supervisor, shall be taken as an adjunct faculty member, for a period not less than the minimum time required to complete the student's PhD research, prior to assigning a PhD supervision. Such a person shall also provide an NOC from the parent organization. However, supervisor can only be taken from other HEIs/organizations if regular faculty is not available in the relevant teaching unit.

14.8.2 Publication Requirements:

In addition to fulfilling the General Requirements, a PhD supervisor must publish research articles in the HEC's recognized research journals and the category specified in the HJRS for the publication year. These conditions are different for different disciplines and aim to ensure that the potential PhD supervisor is an active researcher:

a) **Specific Requirements for Science and Technology:**
For indigenous and foreign PhDs:
I. Within the last 3 years after PhD: at least one research publications in W category journal. **OR**
ii. Within last 5 years after PhD: at least five research publications in X category journal.

b) **Specific Requirements for Social Science, Arts and Humanities and Business Education:**
For indigenous and foreign PhDs:
i. Within the last 3 years after PhD: at least one research publication in W Category journal. **OR**
ii. Within the last 5 years after PhD: at least five research publications in X and Y category journal

c) **Specific Requirements for Regional and National Languages:**
For indigenous and foreign PhDs:
I. Within the last 3 years after PhD: at least one research publication in X category journal. **OR**
ii. Within the last 5 years after PhD: at least five research publications in X or Y category journal.

14.8.3 Already HEC approved supervisors will continue to supervise theses till expiry of term approved by HEC.

14.8.4 For the approval of new supervisor, the department will forward the dossier to ORIC for vetting of publications as per criteria mentioned in these regulations. Upon receipt of positive report from ORIC the department will forward the case to AS&RB on the recommendations of Board of Studies.

15. Comprehensive Examination

15.1 The scholars admitted to PhD program shall take written comprehensive examination after the completion of 18 CHs course work with CGPA ≥ 3.00. The concerned Department/ College/ Institute/ School shall hold the said examination as per the schedule given in academic calendar after the completion of the course work.

15.2 The Chairperson/In-charge/Principal/Director of the Department/College/Institute/ School shall send a panel of examiners to seek approval of the Dean of Faculty for the comprehensive examination.

15.3 If a scholar fails (< 50% marks) in the comprehensive examination (written), s/he shall be allowed a second chance to reappear in next semester. If the scholar again fails, s/he shall be dropped out from the program. Similarly, a student who remains absent during the comprehensive examination due to unavoidable circumstances (justified with plausible proves, recommended by the Graduate Program Committee and approved by the Dean of the Faculty) shall be given a second chance to sit in the examination when conducted by the Department/College/Institute/ School.

15.4 The required coursework, comprehensive exam, and defense of synopsis/research proposals should be completed within the first six semesters (three years) of the registration into a PhD program. The responsibility in this regard rests collectively with the PhD student and the University. In case of noncompliance, the admission shall be cancelled and transcripts for completion of coursework may be issued to the student.

15.5 In an event of force majeure i.e., noncompliance on account of circumstances beyond the control of student, the University may consider the matter in accordance with the procedure prescribed in 9.4(v).

15.6 The following are the guidelines for conducting Comprehensive Examination:

a) The exam should be based on recapitulation of the conceptual knowledge of the discipline to which the student is admitted.

b) The exam shall cover the courses studied, preferably at the graduate level, conducted on one composite question paper.

c) The evaluation shall be on an aggregate basis, expressed in terms of pass/fail and shall not be graded.

16. Research Publication and Thesis Submission for PhD

16.1 For award of PhD degree, a PhD scholar shall be required to publish research articles, by mentioning affiliation with the University of Sargodha, meeting the following criteria:

a) At least:
i. One research article in W category journal or two research articles in X category journals, for Science disciplines
ii. One research article in X category journal or two research articles in Y category journals, for Social Science/Arts & Humanities disciplines

b) The PhD researcher shall be the first author of these publications while the supervisor shall be the second author.

c) The research article shall be relevant to the PhD research work of the PhD researcher.

d) The article shall be published after the approval of the research synopsis.

e) The article shall be published in a relevant research journal.

f) A research article should be published before the viva voce of PhD in an HEC recognized journal.

g) ORIC shall certify that the category of Journal in which the researcher published his/her article from thesis is as per the HEC requirement for the award of PhD degree in that particular subject.

h) Review articles, erratum, correction, letter to editors, notes, corrigendum, addendum and short communications shall not be counted as research article for the award of PhD degree.

16.2 The plagiarism check must be conducted on the dissertation by the Central Library of the University before its submission to the experts for evaluation. Head of the Department shall forward an electronic copy on CD/email/USB to the Central Library for plagiarism check. The Central Library shall forward the plagiarism check report and soft copy of thesis to the concerned Department

16.3 On the completion of research work to the satisfaction of the supervisor, the research scholar shall submit four copies of thesis typed or printed along with four copies of short abstracts to the Controller of Examinations through his/her supervisory Committee and Chairperson/In-charge/ Principal/ Director of the Department/College/Institute/School by fulfilling all requirements mentioned in the checklist (Annex-VII). The Controller of Examinations shall send hard and soft copies of the thesis to the examiner(s). Provided further that the research scholar shall also submit the following documents:

a. Each research scholar for the degree of Doctor of Philosophy of the University shall submit a declaration that the work s/he has submitted had never been submitted before and shall not be submitted in future for obtaining similar degree of any other university. Further, the research work is not plagiarized in any form.

b. A certificate, from the supervisor/co-supervisor for the originality of work carried out by the research scholar must be submitted.

c. Guidelines for specifications of a thesis, size of paper, layout script, font size, type style, margins, etc., are attached (Annexure-V).

16.4 Online submission of Thesis/Dissertation

a. For online thesis submission, the scholar has to submit two files (a) complete thesis/dissertation (b) chapters only, to the supervisor using the online interface in MS Word format for checking plagiarism. Plagiarism shall be check in the Central Library. In case of objection/revision, the supervisor shall re-submit these files after getting the objections removed by the scholar and complete the plagiarism certificate for further process of evaluation.

b. The certificate of plagiarism, duly signed by Chief Librarian or his/her nominee, the supervisor and Chairperson / Director/ Principal/ In-charge, shall be part of the file to be submitted to the Controller of Examinations.

c. After completion of viva/voce, the supervisor shall submit the final thesis (if required) by using his/her online service for record.

17. Appointment of examiners, evaluation of thesis and Public Defense of PhD

17.1 On the recommendation of the respective Board of Studies (BoS), a panel of eminent scholars in the specified field, shall be approved by the AS & RB.

17.1.1 The PhD dissertation must be evaluated by:

a. At least two external experts who shall be:

I. PhD faculty member from the world top 500 universities ranked by the Times Higher Education or QS World Ranking in the year corresponding to dissertation evaluation year

OR

ii. Pakistan-based Distinguished National Professors, Meritorious Professors from any national university; or Professors from top universities ranked by the HEC; or Professors from any Pakistani university having a minimum H-Index 30 for sciences, 15 for Social Sciences or 8 for Art & Humanities as determined by Web of Science

OR

b. At least one external expert qualifying any one of the conditions mentioned at 'a' above if the PhD candidate publishes dissertation research in a peer-reviewed journal that is classified by the HEC in category W for Sciences and X or above for Social Sciences

17.1.2 The Vice Chancellor shall approve the examiners from the panel. The Controller of Examinations shall send the thesis in electronic / hard form (as per demand) to the examiners.

17.1.3 External examiner shall submit his/her recommendations as to:

a) Thesis is acceptable in its present form;
b) Thesis is acceptable after minor revisions;
c) Thesis is acceptable after major revisions and not to be sent back for re-evaluation;
d) Thesis is acceptable after major revisions and be sent back for re-evaluation;
e) Thesis is not acceptable and is rejected.

17.1.4 Maximum expected time for evaluation of thesis by the external examiner is 3-months. The reminders are supposed to be sent to the examiners after 4 weeks. If the examiner does not respond within the given maximum time, the Controller of Examinations shall send thesis to the alternate examiner on the approval from the Vice Chancellor.

17.1.5 Conditions defined in Sub-Section 17.1.3 will result in action as tabulated below;

Evaluation Report	Action Required
Thesis is acceptable in its present form by all examiners	The scholar shall qualify for the viva voce examination.
Thesis is acceptable after minor revisions	The scholar shall make suggested changes and have them endorsed by the supervisor on behalf of the examiner (within 3-months). The thesis shall then be deemed to be "Accepted"
Thesis is acceptable after major revisions and not to be sent back for re-evaluation	The scholar shall make suggested changes and have them endorsed by the supervisor on behalf of the examiner (within 3-months). The thesis shall then be deemed to be "Accepted"
Thesis is acceptable after major revisions and be sent back for re-evaluation	The Controller of Examinations shall communicate the report to the supervisor and scholar through the Head of the department concerned. The scholar shall make the suggested changes (within 6-months) and have them endorsed by the supervisor. The Office of Controller of Examinations Shall send the amended thesis back to examiner for re-evaluation. This process shall continue until "Accepted" or "Accepted with minor/major revisions not requiring resubmission". Subsequent actions shall be as per regulations depending on the re-evaluation report.
Thesis is not acceptable and is rejected by examiner(s)	Thesis shall be considered as rejected.

17.1.6 In case of rejection of thesis, the same thesis shall be referred to an additional examiner in the same category (the category of examiner who has rejected the thesis) whose appointment shall be approved by the Vice Chancellor through the Office of the Controller of Examinations from the already approved panel. If the additional examiner recommends the award of degree, the viva voce process may be started after approval of report from the AS&RB. If the scholar fails to obtain a recommendation in his/her favour from the additional examiner his/her thesis shall be rejected finally.

17.2 Upon receipt of final external evaluation reports, the Controller of Examinations shall present the reports to AS & RB for approval of public defense/viva voce examination. Upon approval of reports from AS & RB the Controller of Examinations shall intimate the supervisor and the Chairperson/In-charge/Principal/Director of the Department/College/Institute/School and supervisor shall address the issues and/or comments, if any. The supervisors shall certify that the comments/suggestions have been incorporated.

17.3 If the thesis is adjudged as adequate by all examiners, the candidate shall be required to undergo a public defense (videoconferencing with the HEC shall be used for the defense) and viva voce (oral examination) arranged and chaired by the Chairperson/Principal/Director. In general, the following minimum principles and guidelines shall be ensured:

a) Public Announcement: On the University website and other forums of communication, so that anyone interested can participate.
b) Public Access: Within or outside the University such as community/town halls or important public venues.
c) Neutral Chair: To ensure that defense was conducted fairly and in accordance with the rules and regulations.
d) Review Committee: To evaluate the dissertation and defense.
e) Presentation: Presentation of the dissertation by the PhD researcher
f) Question-and-Answer Session: There shall be a question-and-answer session to provide a basis for defense evaluation.
g) Objective Evaluation: There should be objective evaluation based on the quality of the research and the researcher's ability to defend.
h) Final Decision to be expressed in the following terms:

- Pass or
- Pass with minor amendments or
- Deferred for resubmission and re-defense or.
- Fail (in exceptional circumstances and for the reasons to be recorded by the Defense Committee [Internal Supervisor, Examiner and concerned Chairperson / Principal / Director])

i) A candidate who fails in public defense and/or viva voce examination in first attempt, s/he may sit for a second examination provided that the second examination shall not to be conducted earlier than three months from the date of the first examination. Failure on the second examination shall result in the dismissal from the candidacy.

17.4 Provided further that, the public defense and viva voce shall be conducted by examiners of whom one shall be the internal supervisor (co-supervisor in case supervisor is not available due to genuine reason and authorizes the co-supervisor in writing) and the other shall be the examiner(s).

17.5 After successful public defense and viva voce examination, the scholar shall submit Six/Seven hard bound copies of PhD thesis with black cover and golden printing to the following:

a) Chairperson/Principal/Director for departmental record
b) Research Supervisor
c) Research Co-Supervisor (if applicable)
d) University Library
e) Controller of Examinations
f) HEC Record
g) Personal Record

17.6 If the examiners find that the thesis is wholly inadequate, they may recommend that it be rejected without any further test.

17.7 After successful public defense and viva voce examination, the Controller of Examination shall notify the result with the approval of the Vice Chancellor. However, degree shall be awarded like that of other degrees.

17.8 All PhD theses must be uploaded to the HEC repository, in compliance with HEC open-access and documentation requirements.

18. MS/MSc(Hons)/M.Phil/Equivalent or PhD Admissions based on Coursework Exemption

18.1 A student who has passed his/her coursework and failed to submit his/her thesis during maximum period of degree completion shall be allowed to take fresh admission as and when offered by the Department concerned in the same program and subject with the consultation/recommendations of the supervisor concerned. These students shall be exempted from coursework, if already passed and acquired required CGPA subject to:

a) Fulfillment of admission eligibility criteria
b) Courses having less than 60 marks shall not be considered for exemption in any case.
c) Exempted course(s) shall be mentioned on the Final Transcript with the word "Exempted" shown in place of the grade.

18.2 Exemption of coursework shall be decided through Board of Studies and, in case meeting of the Board of Studies is not planned within 30-days, the Convener Board of Studies in consultation with Graduate Program Committee shall recommend such cases to Advanced Studies & Research Board for approval.

18.3 Degree completion requirements mentioned in regulations shall remain the same.

19. Award of Incomplete Transcript

A student who successfully completes coursework and passes the comprehensive examination but is unable to defend a PhD synopsis/research proposal or does not complete the required research for obtaining a PhD degree within the specified timeframe, may be granted a transcript.

Repeal: The existing Regulations may please be repealed. However, the cases arising under the repealed Regulations shall be governed by those Regulations.

Appendices

Annexure-I: MS/MSc(Hons)/MPhil Project Abstract
Annexure-II: Guidelines for PhD synopsis defense
Annexure-III: Proforma for the approval of synopsis
Annexure-IV: Proforma for six monthly progress report by the scholar
Annexure-V: Guidelines for the thesis write-up
Annexure-VI: Checklist for Submission of Thesis of MS/MPhil/Equivalent Program
Annexure-VII: Checklist for Submission of Thesis of PhD Program

Note: Appendices are available in the detailed draft of Semester Regulations 2023.

FACILITATION CENTER

The Facilitation Center, established in 2019, serves admission aspirants, enrolled students, visitors and alumni proactively within due course of time through One Window Operation. Situated at the University entrance, it assures better service delivery to improve administrative efficiency and institutional performance. Through a dedicated team of professionals and student interns, equipped with technological tools and mentorship support, the Center resolves issues pertaining to admissions, academics, examinations and accounts right at the doorstep. For the purpose, it performs the following key functions using a variety of means:

Complaint Cell

Issuance of Documents and Verification

Financial Services

Admission and Academic Counseling

- One Window Operation, simplifying all procedural formalities, to facilitate students, visitors and alumni.
- Tackling the high flux of student queries through emails.
- Use of various modes, including a Front Desk for walk-in queries, a call center and admission advisory service, to provide instant response and support to students.
- Employment of social media sites (official website, Facebook, X and Instagram pages) to keep the students updated about academic activities and other issues.

Technical support in the admission application

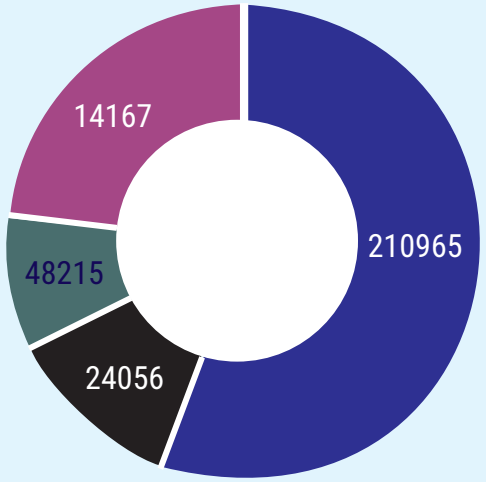
- Provision of urgent services related to the issuance of degrees and transcripts, document verification, NOC, Medium of Instructions Certificate (MOI), issuance of roll number slips, change of examination centers and others.
- Use of Electronic Request and Complaint Processing to instantly manage the students and other queries.
- Provision of counseling support to prospective candidates for admission at the University.
- During admission, the Center becomes a focal point for online admissions and provision of on-campus support to the visiting candidates.

By performing such manifold functions, the Facilitation Center has played a major role in improving the University's on-campus and online service delivery, particularly relieving its administrative departments from the pressure of external visitors, especially graduates and students for the settlement of various issues. In 2020, the HEC, in its report on the University's institutional performance, also acknowledged the services of Facilitation Center as one of its kind for the provision of student support facilities across national universities.

Dr. Bilal Ahmed
Manager
info@uos.edu.pk
048-111-867-111



Queries Entertained from 2019 to 2025









High-tech Online Management System

Student Help Line

Complaint Cell to resolve students' queries

HBL حبیب بینک Bank Alfalah

Banking services to deposit university payments

HOW TO APPLY ONLINE

6 Easy steps to submit an application successfully!

1. CREATE ACCOUNT
2. FILL YOUR PERSONAL INFORMATION
3. FILL YOUR ACADEMIC INFORMATION
4. DEPOSIT PROCESSING FEE CHALLAN
5. UPLOAD SCANNED COPY OF DEPOSITED FEE CHALLAN
6. SUBMIT APPLICATION



Candidate must have a photograph, a mobile phone number, email, CNIC copy of both candidate as well as his/her father/guardian and copies of all testimonials before start.

Register your ID at admissions.su.edu.pk using your mobile number.
Complete your online application form first.

A challan form for application processing fee worth Rs. 550/- (Rs. 950/- where admission test is applicable) will be generated which must be deposited in any branch of HBL. Then candidate has to attach the scanned copy of this deposited challan in the online application for its final submission.

HBL حبیب بینک

Bank Alfalah



Before submission of applications, make sure that all required information have been provided correctly because candidate will not be able to edit her/his application, once submitted.

To apply for another program, candidate has to create and submit another application with new processing fee.

After closing date, program wise master lists will be displayed on university website to entertain data correction requests through candidate accounts.





Successful candidates will be required to check their relevant merit lists from the University website (www.su.edu.pk) according to the given schedule. At the time of admissions the candidates will be required to submit their original terminal degree/DMC, application form, copies of all academic testimonials, CNIC (applicant + father/guardian) and an affidavit (specimen available on website) on plain paper in the relevant department.

WELCOME TO THE UNIVERSITY OF SARGODHA

FACILITATION CENTER

A dedicated team of SU Admission Office will be available during office hours on phone and online to answer the admission queries. Contact details are as follow:

UAN: 048 111 867 111

Email: admissions@uos.edu.pk
Facebook: www.facebook.com/sargodhauniversity.official

UNIVERSITY OF SARGODHA

www.su.edu.pk

SARGODHA UNIVERSITY
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Allama Iqbal Campus

51-Chak, Sargodha
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Canal Campus

Lahore - Khushab Bypass, Sargodha
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