

PROSPECTUS 2024



Ranked at
301-350
in THE Young
University
Ranking

301+ Young University
Worldwide

Pakistan's **1st**
University in Teaching
The Young
World University
Rankings 2024

351+ Emerging
Economics
University
Rankings

Punjab's **1st**
University in Teaching
The Asia
Ranking 2024

701st in the UI Green
Metric World
University
Ranking

801-1000 in THE World University Impact
Rankings 2023



**UNIVERSITY OF
SARGODHA**
www.su.edu.pk



PROSPECTUS 2024

Disclaimer

The Prospectus for 2024-25 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.

TABLE OF CONTENTS

Quaid's Message	4	FACULTY OF ARTS AND HUMANITIES	59	FACULTY OF PHARMACY	115
Pegham-e-Iqbal	5	College of Law	60	College of Pharmacy	116
Chancellor's Message	6	Institute of Art and Design	62	FACULTY OF SCIENCE	120
Vice Chancellor's Message	7	Department Arabic Language and Literature	67	Institute of Chemistry	121
University Introduction	8	Department of Communication and Media Studies	70	Department of Biotechnology	125
The City of Eagles	10	Department of English	75	Department of Botany	126
Campus at a Glance	12	Department of Information Management	77	Department of Earth Sciences	131
Our Global Rankings	13	Department of Islamic Studies	80	Department of Mathematics	135
Setting New Trends in Higher Education	14	Department of Linguistics and Language Studies	82	Department of Physics	137
Research Arena	15	Department Persian Language and Literature	84	Department of Statistics	140
Four Reasons to Choose SU	16	Department Punjabi Language, Literature and Culture	86	Department of Zoology	142
Scholarships and Financial Aid	20	Department of Sports Sciences	88	FACULTY OF SOCIAL SCIENCES	144
Our Proud Alumni	21	Department of Urdu Language and Literature	90	Institute of Education	145
Campus Life	22	FACULTY OF COMPUTING AND INFORMATION TECHNOLOGY	93	Department of Economics	149
Wazir Agha Library	23	Department of Computer Science	94	Department of History and Pakistan Studies	152
Student Support Services	24	Department of Information Technology	96	Malik Firoz Khan Noon Business School	156
University Map	26	Department of Software Engineering	98	Department of Politics and International Relations	162
FACULTY OF AGRICULTURE	27	FACULTY OF ENGINEERING AND TECHNOLOGY	100	Department of Psychology	166
College of Agriculture	28	College of Engineering and Technology	100	Department of Social Work	169
Department of Agricultural Economics	28	Department of Mechanical, Industrial & Energy Systems (DMIES)	101	Department of Sociology and Criminology	172
Department of Agricultural Extension and Rural Studies	31	Department of Electrical, Electronics & Computer Systems (DEECS)	105	Breakup of Enrollment	176
Department of Agronomy	34	Department of Civil, Environment & Transportation Systems (DCETS)	108	Fee Structure	184
Department of Animal Sciences	38	FACULTY OF MEDICAL AND HEALTH SCIENCES	111	Admission Regulations (Undergraduate & Graduate)	192
Department of Entomology	40	Department of Allied Health Sciences	112	Admission Regulations (Postgraduate)	196
Department of Forestry	42			Discipline, Welfare Regulations and Code of Honour	199
Department of Horticulture	45			Semester Regulations (Undergraduate and Graduate)	201
Department of Plant Breeding and Genetics	47			Semester Regulations (Postgraduate)	210
Department of Plant Pathology	50			Facilitation Center	219
Department of Soil and Environmental Sciences	52			How to apply	222
Institute of Food Science and Nutrition	54				

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 Dec 1947*

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! ایامِ جدائی کے ستم دیکھ ، جفا دیکھ!
بے تاب نہ ہو ، معرکہٴ پیم و رجا دیکھ!

ہیں تیرے تصرف میں یہ بادل ، یہ گھٹائیں یہ گنبدِ افلاک ، یہ خاموش فضاں
یہ کوہ ، یہ صحرا ، یہ سمندر ، یہ ہوائیں تمہیں پیشِ نظر کل تو فرشتوں کی ادائیں
آئینہ ایام میں آج اپنی ادا دیکھ!

سبھی گا زمانہ تری آنکھوں کے اشارے! دیکھیں گے تجھے دور سے گردوں 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 gives me great pleasure to observe the contribution of the University of Sargodha to the educational landscape by cultivating a cadre of skilled graduates who are actively engaged in various professional domains at national and international levels.

In today's rapidly evolving world, marked by dynamic shifts and technological advancements, the landscape of education is undergoing a profound transformation. The advent of AI informed information technology has revolutionized traditional pedagogical approaches, offering unprecedented opportunities for innovation and learning enhancements. Moreover, universities serve as pivotal institutions in the evolution of research, acting as crucible for the cultivation of knowledge and the propagation of innovative discoveries across multifarious disciplines. In our journey as an emerging nation, it is paramount to empower our youth with the necessary proficiencies, professional skills and analytical acumen to confront the complexities of the future. Expanding our research endeavours is vital to ensuring that our country remains competitive on the global stage. I commend that the University of Sargodha has embraced digitalization as well as a vigorous research culture to stay at the forefront of contemporary educational revolution.

It is gratifying to witness the university's commendable achievements as its efforts to improve its international rankings, a testament to its commitment to academic excellence and innovation. These accolades also exemplify its dedication to fostering a learning environment in line with global standards. As the university continues to ascend in international rankings, it is expected to elevate its reputation as a premier higher education institution, both nationally and internationally.

As Chancellor, I extend my unwavering support to the university's mission of fostering a conducive learning environment and enhancing educational and research resources for both students and faculty members. I hope that the University of Sargodha shall continue to broaden its global impact under its present leadership.

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 2024-25.

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 cultivating the holistic development of our students, instilling in them a sense of civic responsibility and human values.

In a remarkably short period, 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. Look 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 compatible academic culture at the University.

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

Professor Dr. Qaisar Abbas

THE WORLD
UNIVERSITY
RANKINGS 2024
TIMES HIGHER EDUCATION

Ranked at
351-400
in the
Asia University Ranking

Ranked at
301-350
in World University
Young Ranking



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



Established Pakistan's
Fifth Confucius
Institute

UNIVERSITY INTRODUCTION



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 22,000+ students and 570+ faculty members, including 300+ PhDs, in 40 departments, four institutes, one school, and four 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 200+ 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.

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.

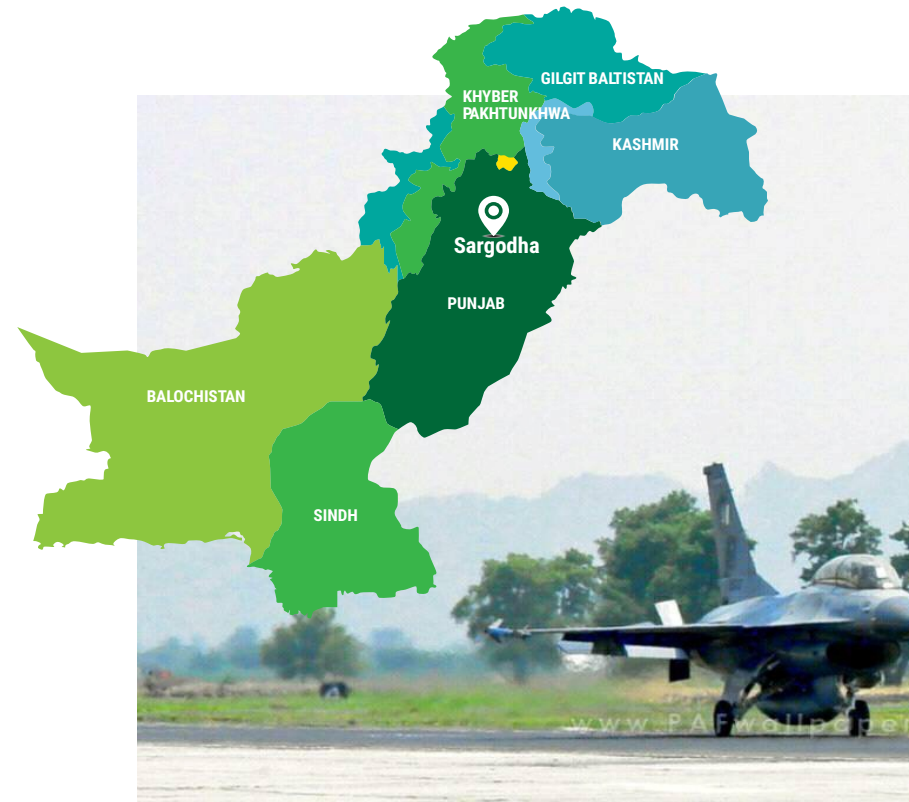
Sargodha University has academic exchange agreements with major Chinese Agriculture Universities, including Lanzhou University, and South China Agriculture University. It also has collaborations with the UN Food and Agriculture Organization, Worldwide Fund for Nature and several other prominent national and institutions of advanced research and education. In 2019, Pakistan's fifth Confucius Institute was established at the University in collaboration with Henan Normal University in China.

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.



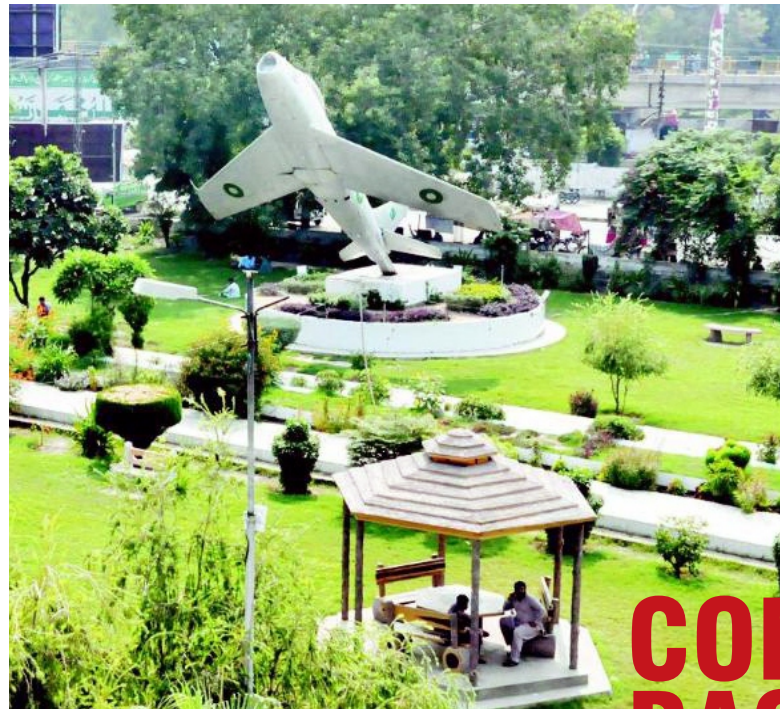
CALIFORNIA OF PAKISTAN

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




22000
STUDENTS

 **AROUND**
570+
FACULTY
PhDs 300+


195+
ACADEMIC
PROGRAMS


24:1
STUDENT
TEACHER RATIO

4 **CONSTITUENT COLLEGES**

3 **CAMPUSES**

4 **INSTITUTES**

1 **SCHOOL**

40 **DEPARTMENTS**

14
Undergraduate and Postgraduate Diplomas

98
Undergraduate Programs

85
Graduate Programs

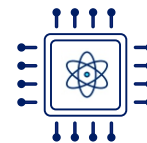
8 FACULTIES



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 and QS rankings.



301+ Young Universities worldwide, 351+ Emerging Economics University Rankings and 301+ Universities in Asia by Times Higher Education Rankings 2023, 801-1000 in THE World University Impact 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.

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

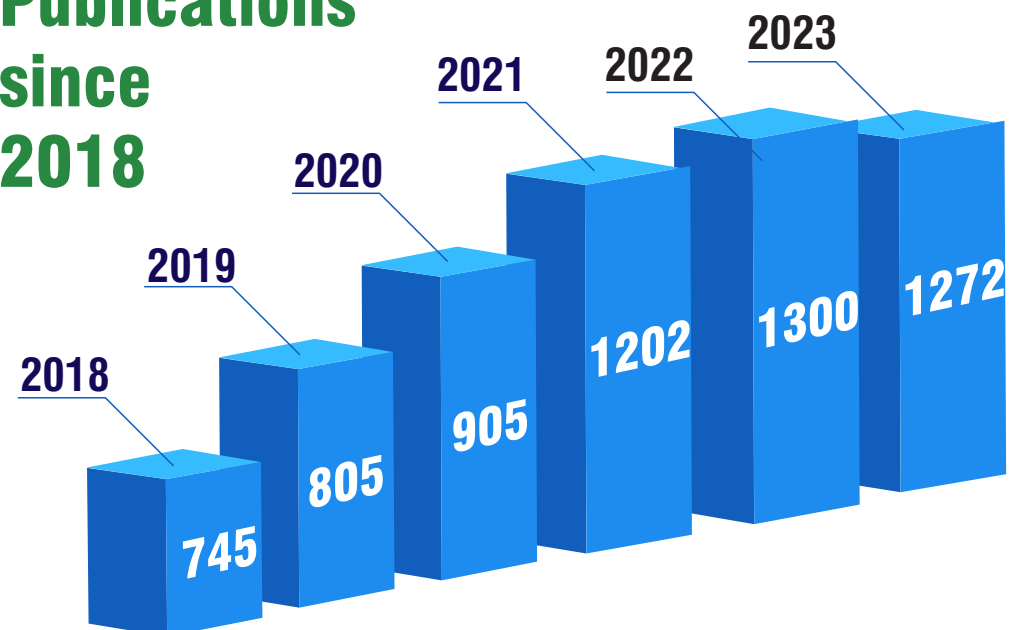
Revamping the Office of Research, Innovation and Commercialization by providing international travel grants, creating inter-disciplinary research groups, and organizing over three dozen international and national conferences, seminars and workshops during 2023-24.

Accelerating research productivity through research incentives based on quality publications and SU-funded

research projects worth Rs.60 million, which led to the publication of 1272 research papers during 2023-2024.

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 2018



Research Arena 2024

Civic Engagement | Forums
Colloquium | Panel Experts
Workshops | Exhibitions
Conferences | Seminars

Where ideas ignite 2024



University of Sargodha organized a 7-day Research Arena in March 2024 which provided multidisciplinary collaboration to exchange of knowledge among stakeholders

RESEARCH ARENA MAJOR ACTIVITIES

- Inaugural Ceremony of Research Arena 2024
- 4th International Conference on Educational Sciences and Research (ICESR-2024)
- Inauguration of UOS Research Expo-2024
- Inauguration of Civic Engagement Events
- Inauguration of International Art Expo
- CEO Forum
- Civic Engagement Events
- 2nd International Conference on Modern Trends in Linguistics and Literature, 2024
- 1st Arabic International Conference on Teaching Methods of Arabic Language: A Comparison of Pakistani and Arab Universities
- National Conference on Psychology for Sustainable Community: Challenges and Trends
- Precision Agriculture: A Way Forward for Future Food Security (Outreach Program)
- Synchronicity of Souls: Harmony of Cultures through Artistic Expressions (Artist Talk)
- Social Inclusion of Marginalized Communities for Sustainable Development (Meet the Experts)
- National Conference on Challenges in Citrus Production
- National Research Conference on Colonial and Post-Colonial Dynamics of the Punjab
- From Silence to Voice: Pakistan Women's Journey Towards Empowerment (Panel Discussion)
- Women Protection Laws and Gender Issues in Sargodha Region (Workshop)
- 2nd International Food and Nutrition Research Conference
- Bridging the Divide: Social Inclusion as a Pathway to Social Justice (Panel Expert)
- Challenges and Prospects of Research in History (Meet the Expert)
- Assessment and Management of Common Musculoskeletal (MSK) Disorders (Meet the Expert)
- Climate-Resilient Agriculture: a key to Food Security and Sustainability (Focus Group Discussion)
- Creative Convergence: An Evening with Industry Experts (Meet the Expert)
- Mental Wellbeing and Academic Performance Enhancement of Gender (Workshop)
- Future Tech: Diving into the World of Artificial Intelligence (Seminar)
- HEC Graduate and Postgraduates Policies: Challenges and Way Forward (Panel Discussion)
- Social Transformation in the Age of Globalization in Pakistani Society with Special Reference to Higher Education Reforms
- Latest Trends in Biotechnology (Research Colloquium)
- Mental Health Challenges and Contemporary World (Webinar)
- Media Forum
- Faculty Feast: Closing Ceremony of Research Arena-2024



4 REASONS TO CHOOSE SU



1 ACADEMIC EXCELLENCE

1001-1200

IN TIMES HIGHER
EDUCATION WORLD
UNIVERSITY RANKINGS
2024

NEARLY
700
FACULTY



OVER
300+
PhDs



AROUND
22000
STUDENTS



QS
RETAINED POSITION
551-600
IN QS WORLD UNIVERSITY
RANKINGS ASIA 2024

351-400

UNIVERSITY IN
THE ASIA
UNIVERSITY
RANKING 2024

301+

IN TIMES HIGHER
EDUCATION
YOUNG WORLD
UNIVERSITY
RANKING
2024



24:1

STUDENT
TO ACADEMIC
STAFF RATIO

MORE THAN
180+
DEGREE PROGRAMS



2 RESEARCH PRODUCTIVITY



15
RESEARCH
CONFERENCES
2023-2024

12 
RESEARCH
JOURNALS



14 INTERDISCIPLINARY
RESEARCH
GROUPS



MORE THAN
1250+
RESEARCH
PUBLICATIONS 2023-2024



7 JOINT
INTERNATIONAL
RESEARCH
PROJECTS



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

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

OUTREACH AND AGRICULTURE EXTENSION PROGRAM
 ENGAGING LOCAL FARMERS AND COMMUNITY



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

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

CAREER DEVELOPMENT CENTER
 EMPOWERING YOUTH BUILDING CAPACITY AND PROVIDING CAREER COUNSELING

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



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

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

3 KNOWLEDGE SHARING



1 E-ROZGAAR CENTER FOR FREELANCE ENTREPRENEURSHIP



MORE THAN **50** NATIONAL MOUs NURTURING ACADEMIA INDUSTRY LINKAGES

MORE THAN **30** INTERNATIONAL MOUs FORMALIZING PARTNERSHIP WITH INTERNATIONAL INSTITUTIONS

4 GLOBAL OUTLOOK

PARTICIPATED IN OVER

29



**INTERNATIONAL EVENTS
AND CONFERENCES in 2023-24**

MORE THAN

30



**INTERNATIONAL
MOUS**

ORGANIZED MORE THAN

07



**INTERNATIONAL
EVENTS IN 2023-2024**

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



80+

**FOREIGN QUALIFIED
PHD FACULTY MEMBERS**

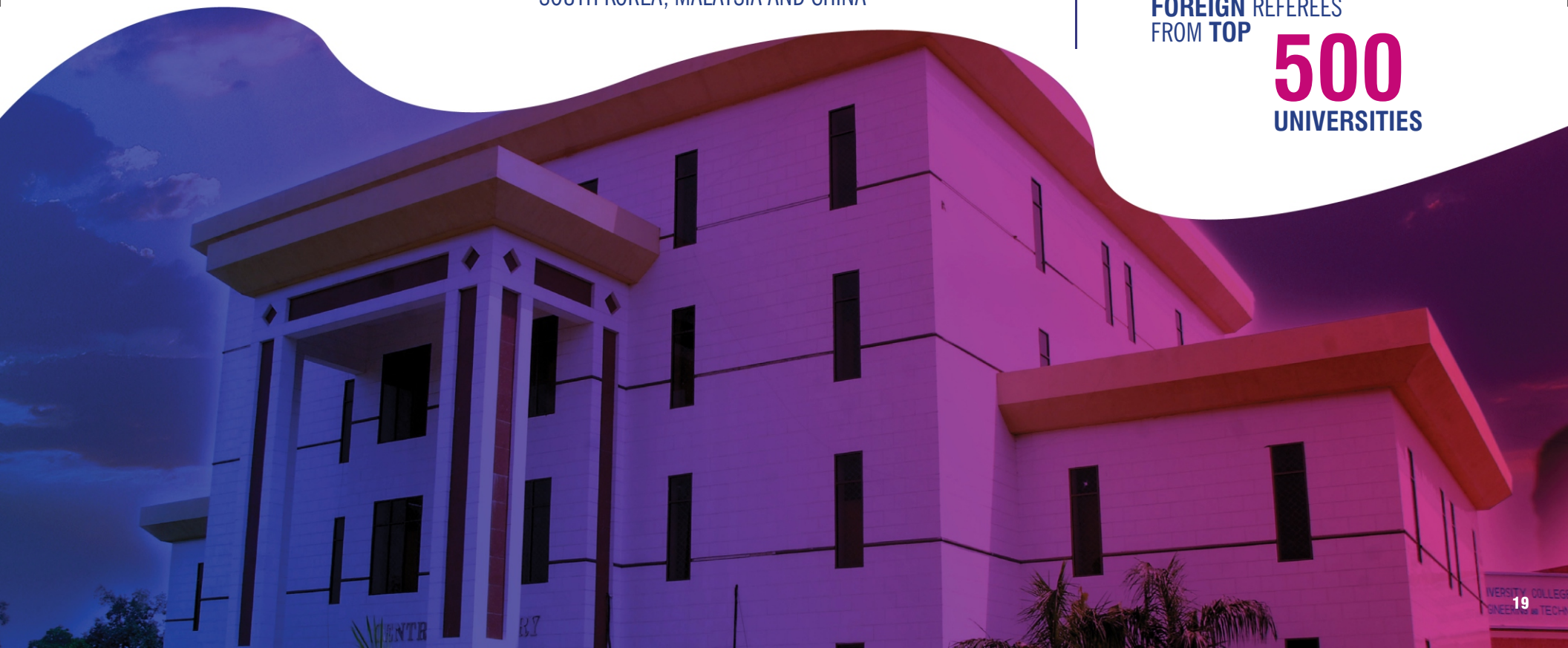
FROM USA, UK, CANADA, AUSTRIA, DENMARK,
GERMANY, AUSTRALIA, NEW ZEALAND, FRANCE,
SOUTH KOREA, MALAYSIA AND CHINA

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
- Benazir Undergraduate Scholarship Project (BUSP)
- Ministry of Religious Affairs and interfaith Harmony Scholarship
- FTO Scholarship for Baluchistan Students
- PEEF Scholarship
- Bait-ul-Mall Scholarship
- Chinese Ambassador's Scholarship
- BEEF Scholarship
- Hafiz-e-Quran Fee Waiver
- Sports Based Fee Waiver for Outstanding Players only
- Free Education for Disabled Students
- Fee Waiver for University Employees/Spouse/Children
- Waiver / Concession for Baluchistan students (admitted on Provincial Quota / Nomination basis).
- Children and Family of Shuhuda (Martyrs of Armed Forces) scholarship
- Kinship Based Fee Waiver
- SOS Children's Scholarship
- Fee Waiver/Scholarship for IDPs
- HEC Employee Fee Waiver
- Fee Waiver for Orphans/Deserving Students.



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:

WAZIR AGHA

Late Wazir Agha is a prominent literary figure of Pakistan and former graduate and teacher of Government College Sargodha. He has published on literary criticism, poetry and prose. He was also editor and publisher of the literary magazine, *Auraq*.



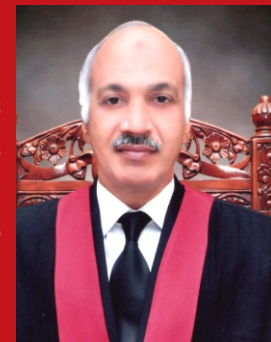
SAHIBZADA ABDUR RASOOL

Alumnus of 1946-50. He served Government College Sargodha from 1952-1987 as Professor of History and also remained its Principal from 1982 to 1987. He has also been a member of the University Syndicate. He is a famous scholar and author of many books.



JUSTICE MASOOD JAHANGIR

Alumnus of 1984-86. Justice Masood Jahangir is a well-known lawyer from Sargodha. Currently, he is serving as Justice in the Lahore High Court. He has been an active sportsman and was captain of the hockey team of Government College Sargodha.





CAMPUS LIFE

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.

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.

SAFE AND SMART CAMPUS



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 **ten female and four male students hostels**, providing comfortable residential facilities to more than 4,500 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 services** to the students within the radius of 30-km in the city and its suburbs. 25 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

Two E-Rozgaar Centers, established by the Punjab Information Technology Board, are operational at our main campus and sub-campus in Bhakkar, offering online freelance business opportunities to the students.

CAREER DEVELOPMENT CENTER

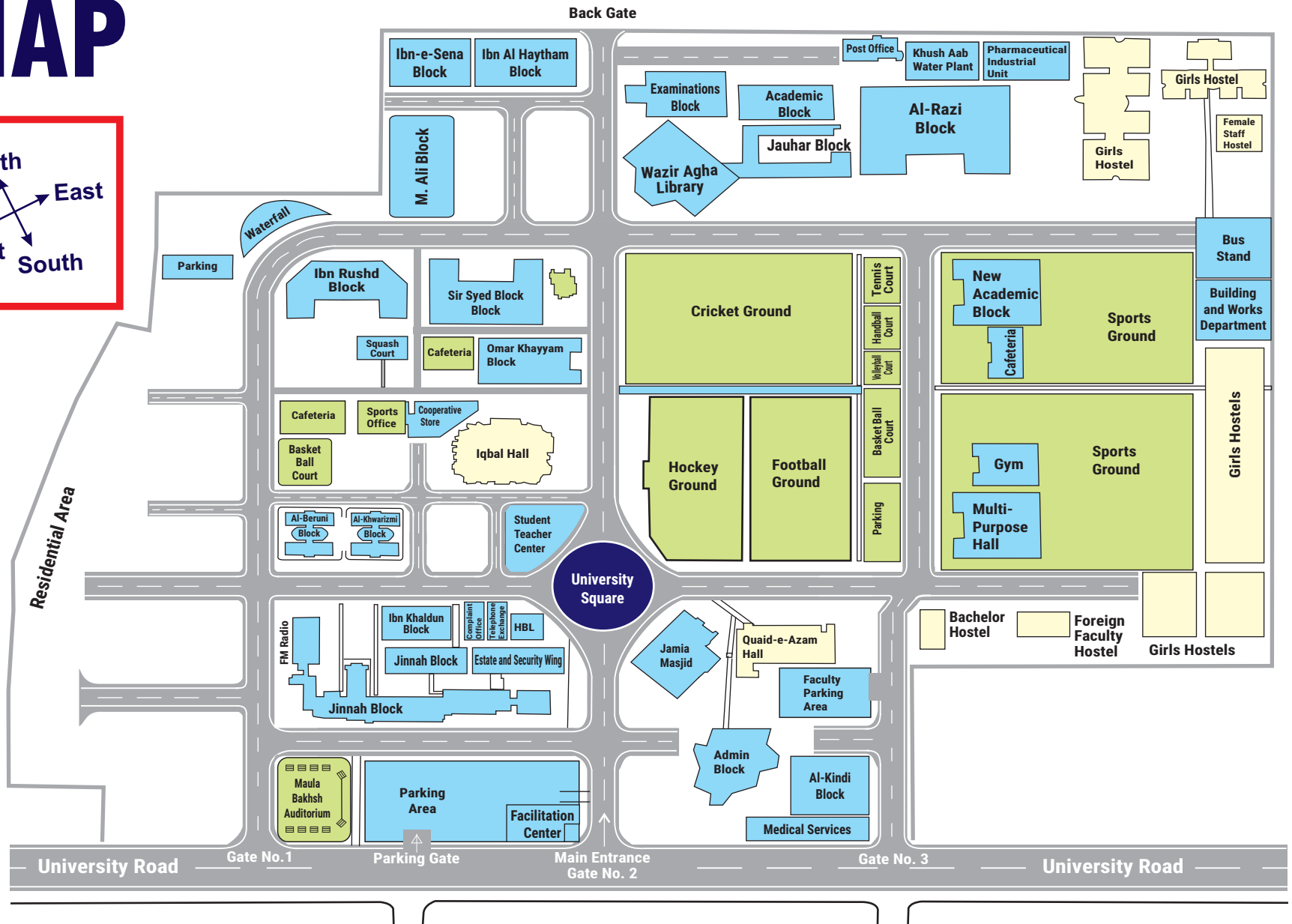
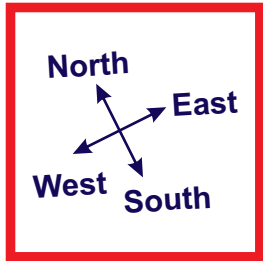
Career Development Center (CDC) empowers youth, builds capacity and provides career counselling through interactive sessions with professionals, and workshops. To harness work ethics and equip students with modern and updated skills required for professional life, CDC organizes various activities including 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 Ather Nadeem
Dean, Faculty of Agriculture

Contact

✉ dean.agriculture@uos.edu.pk
☎ 0333-8363457
📍 Lahore - Khushab Bypass, Sargodha

List of College/Institute/Departments

■ College of Agriculture

- Agricultural Economics
- Agricultural Extension
- 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



Dr Zafar Hayat
Principal College of Agriculture

Contact

✉ principal.agriculture@uos.edu.pk
☎ 0300-9601380
📍 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

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: 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 Communication 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)
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 19(15-4)

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-5111	Translation of Holy Quran – I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
		Total 19(15-4)

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran-II	Non Credit
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 20(15-5)

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)
URCG-5111	Translation of Holy Quran-III	Non Credit
		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)
URCG-5111	Translation of Holy Quran-IV	Non Credit
		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 45% 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: 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)
ZOOL-6141/	Intro. to Biology-I (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGEC-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 and Watershed Management	2(2-1)
		Total 20(16-4)
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-5111	Translation of Holy Quran – I	Non Credit
AGEC-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)
		Total 19(17-2)

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)
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)
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)
URCG-5125	Civic and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran-II	Non Credit
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)
		Total 18(17-1)

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)
URCG-5111	Translation of Holy Quran III	Non Credit
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)

URCG-5111	Translation of Holy Quran IV	Non Credit
Total 18(18-0)		
Semester-8		
AGRE-6119	Internship	3(0-3)
AGRE-6120	Capstone Project	3(0-3)
Total 6(0-6)		



DEPARTMENT OF AGRICULTURAL EXTENSION & RURAL STUDIES



Dr Ejaz Ashraf
Professor / Chairperson

Contact

✉ extension.agriculture@uos.edu.pk
☎ 0323-5004155
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr Ejaz Ashraf
Professor

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: 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)
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 19(15-4)		
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-5111	Translation of Holy Quran – I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran-II	Non Credit
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 20(15-5)		

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)
URCG-5111	Translation of Holy Quran – III	Non Credit
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(3-1)
AEXT-6419	Poverty Alleviation and Sustainable Development	3(3-0)
AEXT-6420	Program Evaluation in Agricultural Extension	3(2-1)
URCG-5111	Translation of Holy Quran – IV	Non Credit
Total 12(12-9)		

Semester-8		
PLPT-6323	Field Experience / Internship	3(0-3)
PLPT-6324	Capstone Project	3(0-3)
Total 6(0-6)		

BS in Development Studies

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 seats"
Duration: 4 Years
Semesters: 8
Degree Requirements: 120-144 credit hours
** subject to approval from relevant bodies*

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)
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)
SOCI-5101	General Sociology-1	3(3-0)
URCG-5111	Translation of the Holy Quran – II	Non Credit
Total 20(19-1)		
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	Economics of Development Studies	3(3-0)
DEVS-5106	Poverty and Development	3(3-0)
SOCI-6114	Sociology of Development	3(3-0)
URCG-5111	Translation of the Holy Quran – II	Non Credit
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)

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)
URCG-5111	Translation of the Holy Quran – II	Non-Credit
Total 20(20-0)		

Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
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)
URCG-5111	Translation of the Holy Quran – II	Non-Credit
Total 19(18-1)		

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 Policies	3(3-0)
DEVS-5127	Econometrics	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 Rural Development, MPhil in Sociology, Social Work, Economics, Psychology, Mass Communication, Mathematics, Education, Anthropology and Oriental Languages, Computer Science, Management Sciences and Development Studies

Duration: 1 Years

Semesters: 2

Degree Requirements: 18 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)
		9(8-1)

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)
		9(7-2)

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Postgraduate Courses		
AEXT-7101	Agricultural Extension Methods	3(2-1)
AEXT-7102	Program Planning	3(2-1)
AEXT-7103	Human Resource Development	3(2-1)
AEXT-7104	Monitoring and Evaluation in Agr. Ext.	3(2-1)
AEXT-7105	Communication Strategies in Agr. Ext.	3(2-1)
AEXT-7106	Advances in Research Methods	3(2-1)
AEXT-7107	Scientific and Technical Writing	3(2-1)
AEXT-7108	Application of ICTs in Agricultural Extension	3(2-1)
AEXT-7109	Special Problem	1(1-0)
AEXT-7110	Seminar	1(1-0)
STAT-7152	Statistical Methods for Social Research	3(3-0)

PhD Agricultural Extension

Eligibility: MPhil/MSc(Hons) Agricultural Extension or with any major in 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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Postgraduate Courses		
AEXT-8101	Food Security Issues and Role of Agricultural Extension	3(3-0)
AEXT-8102	Gender Issues in Community Development	3(3-0)
AEXT-8103	International Agricultural Extension Systems	3(2-1)
AEXT-8104	Qualitative and Quantitative Research Methods	3(2-1)
AEXT-8105	Extension Management and Administration	3(2-1)
AEXT-8106	Managing Learning Experiences in Agricultural Extension Education	3(3-0)
AEXT-8107	Role of Agriculture in Rural Development	3(2-1)
AEXT-8108	Sustainable Rural Development	3(3-0)
AEXT-8109	Special problem	1(1-0)
AEXT-8110	Seminar	1(1-0)
STAT-8132	Advanced Statistical Methods for Social Research	3(3-0)

Note: Scheme of Studies of MSc(Hons) and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF AGRONOMY



Dr Muhammad Ather Nadeem
Professor / Chairperson

Contact

✉ agronomy.agriculture@uos.edu.pk
☎ 0333-8363457
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Muhammad Ather Nadeem
Professor

Dr. Muhammad Mansoor Javaid
Associate Professor

Dr. Muhammad Ehsan Safdar
Assistant Professor

Dr. Ahsan Aziz
Assistant Professor (on leave)

Dr. Abdul Rehman
Assistant Professor

Dr. Muhammad Rafi Qamar
Assistant Professor

Dr. Muhammad Asif
Assistant Professor

Dr. Amjed Ali
Assistant Professor

Dr. Tasawer Abbas
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: 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)
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 19(15-4)		
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-5111	Translation of Holy Quran - I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran-II	Non Credit
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 20(15-5)		

Semester-5		
AGRO-6903	Agro-Technology of Major Crops	3(2-1)
AGRO-6904	Arid 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 Plants	3(2-1)
URCG-5111	Translation of Holy Quran – III	Non Credit
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)
URCG-5111	Translation of Holy Quran – IV	Non Credit
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: 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)
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)
Total 19(15-4)		
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-5111	Translation of the Holy Quran – II	Non Credit
CLCH-5103	Climate Change and Farming Community	3(2-1)
CLCH-5104	Global Warming	3(2-1)
CLCH-5105	Atmospheric Chemistry and Climate	3(2-1)
GEOG-6109	Climatology	3(2-1)
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)

CLCH-5106	Climate Change Impact on Ecosystems	3(2-1)
CLCH-5107	International Climate Agreements and Diplomacy	3(2-1)
CLCH-5108	Climate Change and Global Politics	3(2-1)
GEOG-6113	Oceanography	3(2-1)
Total 20(16-4)		

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)
URCG-5111	Translation of the Holy Quran – II	Non-Credit
FWRW-6712	Biodiversity and Climate Change	3(2-1)
CLCH-5109	Climate Smart Agricultural Technologies	3(2-1)
GEOG-6114	Remote Sensing	3(2-1)
STAT-5106	Applied Statistics	3(2-1)
Total 19(15-4)		

Semester-5		
CLCH-6110	Climate Resilient Crop Management	3(2-1)
SAES-6816	Environmental Pollution and Management	3(2-1)
CLCH-6111	Sustainability and climate Solutions	3(2-1)
CLCH-6112	Climate Change Risks and Food Security	3(2-1)
CLCH-6113	Carbon Sequestration & Environmental Footprints	3(2-1)
CLCH-6114	Human Response and Climate Change	3(3-0)
Total 18(13-5)		

Semester-6		
CLCH-6115	Climate Change Modelling Impact and Adaptation	3(2-1)
CLCH-6116	Renewable Energy and Climate	3(2-1)
CLCH-6117	Climate and Human Health	3(2-1)
CLCH-6118	Research Methodology and Scientific Writing	3(2-1)
CLCH-6119	Industrialization and Climate Change	3(2-1)
CLCH-6120	Climate Change Mitigation Technologies	3(2-1)
URCG-6111	Translation of Holy Quran-III	Non Credit
Total 18(12-6)		

Semester-7		
CLCH-6121	Climate Data Analysis and Visualization	3(2-1)
CLCH-6122	Climate Change Resilience and Adaptation	3(2-1)
CLCH-6123	Climate Change Impact to Terrestrial and Aquatic Animals	3(2-1)

CLCH-6124	AI Solutions for Climate Change Issues	3(2-1)
CLCH-6125	Water and Environmental Governance	3(2-1)
CLCH-6126	Agroforestry and Climate Resilience	3(3-0)
URCG-5111	Translation of Holy Quran-IV	Non Credit
		Total 18(13-5)

Semester-8

CLCH-6127	Capstone Project	3(0-3)
CLCH-6128	Internship/Research Project and Report Writing	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 Sciences.

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)
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	3(2-1)
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)
		Total 21(17-4)
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-5111	Translation of Holy Quran – I	Non Credit

ANSC-5101	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(1-1)
		Total 18(15-3)

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)
		Total 19(15-4)

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-5111	Translation of the Holy Quran – II	Non-Credit
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)
HORT-6604	Principles of Vegetables Production	3(2-1)
FSAT-6110	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)
AGEC-6522	Crop and Livestock Economics	3(2-1)
		Total 21(15-6)

Semester-6

AGRO-6903	Agro-Technology of Major Crops	3(2-1)
-----------	--------------------------------	--------

ENTO-6110	Agricultural Pest and their Management	3(2-1)
HORT-6603	Principles of Fruit Production	3(2-1)
AGRO-6917	Principles of Weed Science	3(2-1)
ANSC-6116	Management of Dairy Animals	3(2-1)
ANSC-5111	Introduction to Farm Animal Health	3(2-1)
URCG-5111	Translation of Holy Quran-III	Non Credit
		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-6107	Preparation of Research Proj. & Scientific Writing	2(1-1)
AGRO-6912	Farming Systems and Farm Records	3(2-1)
FRMT-6108	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)
URCG-5111	Translation of Holy Quran-IV	Non Credit
		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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

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)

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: 18 Credit Hours Course Work + Dissertation

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)

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)

Note: Scheme of Studies of MSc(Hons) and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF ANIMAL SCIENCES



Dr Zafar Hayat
Professor / Chairperson

Contact

✉ zafar.hayat@uos.edu.pk
0300-9601380
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Zafar Hayat
Professor

Dr. Muhammad Arif
Associate Professor

Dr. Imtiaz Hussain Sial
Assistant Professor

Abd-ur-Rehman
Lecturer

Atia Iram
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: 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 Communication Tech. (ICT)	3(2-1)
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(16-4)
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-5111	Translation of Holy Quran – I	NC
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)
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(17-4)

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-5111	Translation of Holy Quran – II	Non Credit
AGRO-6912	Forage and Fodder Production	3(2-1)
ANSC -5110	Range Livestock Production	2(1-1)
ANSC -5111	Principles of Animal Breeding	2(1-1)
ANSC -5112	Management of Dairy Animals	2(1-1)
ANSC -5113	Poultry Housing and Equipment	2(1-1)
ANSC -5114	Principles of Poultry Nutrition	3(2-1)

Total 21(14-7)

Semester-5

ANSC -6115	Basic Microbiology	3(2-1)
------------	--------------------	--------

ANSC -6116	Introduction to Animal Physiology	3(2-1)
ANSC -6117	Animal Breeding Plans and Policies	3(2-1)
ANSC -6118	Introductory Molecular Genetics	2(1-1)
ANSC -6119	Metabolism of Primary Nutrients	2(2-0)
ANSC -6120	Incubation Principles and Hatchery Management	2(1-1)
ANSC -6121	Draught Animal Production	2(1-1)
ANSC -6122	Minerals and Vitamins in Nutrition	2(1-1)

Total 19(12-7)

Semester-6		
ANSC -6123	Poultry Hygiene and Disease Prevention	2(1-1)
ANSC -6124	Introductory Population Genetics	2(1-1)
ANSC -6125	Introduction to Farm Animal Health	3(2-1)
ANSC -6126	Principles of Small Ruminant Production	2(1-1)
ANSC -6127	Nutrient Requirements of Farm Animals	3(2-1)
ANSC -6128	Rural Poultry Farming	3(2-1)
ANSC -6129	Principles of Milk Production	2(1-1)
ANSC -6130	Poultry Feeding Practices	3(2-1)
URCG-5111	Translation of Holy Quran – III	Non Credit

Total 20(12-8)

Semester-7		
ANSC -6131	Animal Breeding Practices	3(2-1)
ANSC -6132	Poultry Farm Management	3(2-1)
ANSC -6133	Selection for Economic Traits in Farm Animals	2(1-1)
ANSC -6134	Feed Evaluation, Formulation and Processing Tech.	3(2-1)
ANSC -6135	Principles of Meat Production	3(2-1)
ANSC -6136	Physiology of Reproduction	3(2-1)
URCG-5111	Translation of Holy Quran – IV	Non Credit

Total 17(11-6)

Semester-8		
ANSC -6137	Research Project / Internship	3(0-3)
ANSC -6138	Capstone Project	3(0-3)

Total 6(0-6)

MSc (Hons) Animal Nutrition

Eligibility: BSc(Hons) Animal Sciences/ BS Poultry Science/ BS Dairy Science/ DVM or equivalent (16 years of education in the relevant field with CGPA 2.50/4.00 + Departmental Test (at least 50% marks)

Duration: 2-4 Years

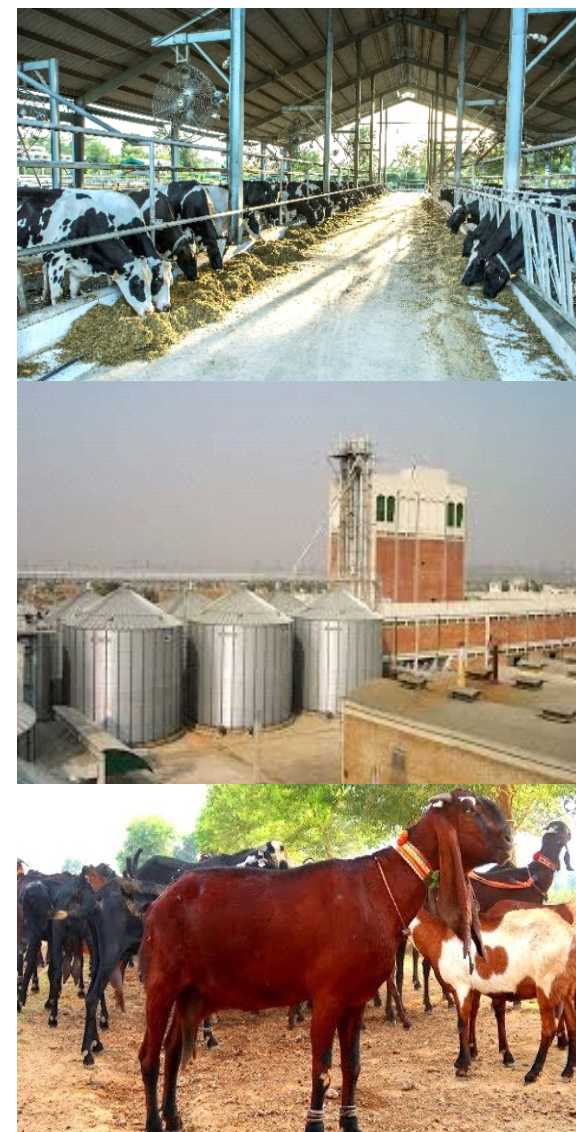
Semesters: 4-8

Degree Requirements: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Postgraduate Courses		
ANNU-7101	Physiological and Biochemical Basis of Nutrition	3(3-0)
ANNU-7102	Feed Resources and their Nutritive Value	3(2-1)
ANNU-7103	Vitamins in Nutrition	3(3-0)
ANNU-7104	Minerals Nutrition	3(2-1)
ANNU-7105	Analytical Techniques in Nutrition	4(0-4)
ANNU-7106	Research Methods in 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 -7119	Special Problem	1(1-0)
ANNU -7120	Seminar	1(1-0)
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 Beef Animals	3(2-1)
ANNU-7125	Nutrition of Calves	2(2-0)
ANNU-7126	Nutrition of Small Ruminants	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)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)

Note: Scheme of Studies of MSc(Hons) program is subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF ENTOMOLOGY



Dr. Muhammad Irfan Ullah
Professor / Chairperson

Contact

✉ entomology.agriculture@uos.edu.pk
☎ 0333-6789335
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Muhammad Irfan Ullah
Professor

Dr. Abu Bakar Muhammad Raza
Associate Professor

Dr. Muhammad Asam Riaz
Assistant Professor

Dr. Muhammad Zeeshan Majeed
Assistant Professor

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: 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)
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 19(15-4)		
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-5111	Translation of Holy Quran – I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran–II	Non Credit
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 20(15-5)		

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)
URCG-5111	Translation of Holy Quran – III	Non Credit
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)
URCG-5111	Translation of Holy Quran – IV	Non Credit
Total 21(14-4)		

Semester-8		
ENTO-6123	Research Project / 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./BS/B.Sc (Hons)/MSc(Hons) 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: 19 C/Hr.

Code	Course Title	C/Hr.
Courses		
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)		

MSc (Hons) Entomology

Eligibility: BSc (Hons) Agriculture/ 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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Postgraduate Courses		
ENTO-7101	Research Methods in Entomology	3(2-1)
ENTO-7102	Origin and Phylogeny of Insects	3(2-1)
ENTO-7103	Environmental Entomology	3(2-1)
ENTO-7104	Numerical Taxonomy	3(2-1)
ENTO-7105	Insecticide Resistance and Management	3(2-1)
ENTO-7106	Molecular Entomology	3(2-1)
ENTO-7107	Medical and Veterinary Entomology	3(2-1)

ENTO-7108	Insects in Relation to Plant Diseases	3(2-1)
ENTO-7109	Special Problem	1(1-0)
ENTO-7110	Seminar	1(1-0)
ENTO-7111	Classification of Immature Insects	3(2-1)
ENTO-7112	Acarology	3(2-1)
ENTO-7113	Pesticides Application Equipments	3(2-1)
ENTO-7114	Insecticide Toxicology	3(2-1)
ENTO-7115	Insect Cytogenetics and Cytotaxonomy	3(2-1)
ENTO-7116	Insecticide and Public Health	3(2-1)
ENTO-7117	Insect Biochemistry	3(2-1)
ENTO-7118	Chemical Ecology of insects	3(2-1)
ENTO-7119	Forensic Entomology	3(2-1)
ENTO-7120	Insect Neurobiology	3(2-1)
ENTO-7121	Insect Rearing Techniques	3(2-1)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)

PhD Entomology

Eligibility: MSc (Hons) Entomology 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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Postgraduate Courses		
ENTO-8101	Advanced Insect Ecology	3(2-1)
ENTO-8102	Advanced Insect Morphology	3(2-1)
ENTO-8103	Advanced Insect Physiology and Embryology	3(2-1)
ENTO-8104	Advances in Insect Behaviour	3(2-1)
ENTO-8105	Insect Nutrition	3(2-1)
ENTO-8106	Advances in Pest Management Research	3(2-1)
ENTO-8107	Advances in Biological Control of Insect Pests	3(2-1)
ENTO-8108	Insect Pathology	3(2-1)
ENTO-8109	Special Problem	1(1-0)
ENTO-8110	Seminar	1(1-0)
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)

Note: Scheme of Studies of MSc(Hons) and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF FORESTRY



Dr. Muhammad Irfan Ashraf
Associate Professor / Chairperson

Contact

✉ forestry.agriculture@uos.edu.pk
☎ 0333-6741315
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Muhammad Sajjad Haider
Professor

Dr. Muhammad Irfan Ashraf
Associate Professor

Dr. Hafiz Bashir Ahmad
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: 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)
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 Forests and Watershed Management	2(1-1)
AEXT-5401	Intro. to Agricultural Extension and Rural Dev.	2(2-0)
Total 19(15-4)		
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-5111	Translation of Holy Quran - I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran-II	Non Credit
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 20(15-5)		

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 Science and Technology	3(2-1)
FWRW-6707	Forest Accounts and Procedure	2(2-0)
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)
URCG-5111	Translation of Holy Quran – III	Non Credit
Total 20(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)
URCG-5111	Translation of Holy Quran – IV	Non Credit
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: 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)
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 and Watershed Management	2(1-1)
FRST-5702	Introduction to Range and Wildlife Management	2(1-1)
Total 20(16-4)		

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-5111	Translation of Holy Quran – I	Non Credit
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)

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 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)
URCG-5111	Translation of Holy Quran – II	Non Credit
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		
URCG-5111	Translation of Holy Quran – III	Non Credit
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		
URCG-5111	Translation of Holy Quran – IV	Non Credit
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)



DEPARTMENT OF HORTICULTURE



Dr. Rashad Mukhtar Balal
Professor / Chairperson

Contact

✉ horticulture.agriculture@uos.edu.pk
0300-6859364
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Rashad Mukhtar Balal
Professor

Shahid Iqbal
Assistant Professor

Dr. Tehseen Ashraf
Assistant Professor

Shahla Rashid
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: 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)
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 19(15-4)		
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-5111	Translation of Holy Quran - I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran-II	Non Credit
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 20(15-5)		

Semester-5		
HORT- 6603	Principles of Fruit Production	3(2-1)
HORT- 6604	Principles of Vegetable 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-scaping	3(2-1)
URCG-5111	Translation of Holy Quran – III	Non Credit
		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 Crops	3(2-1)
HORT- 6622	Vegetable and Flower Seed Production	3(2-1)
HORT- 6612	Medicinal and Aromatic Plants	3(2-1)
URCG-5111	Translation of Holy Quran – IV	Non Credit
		Total 21(13-8)

Semester-8		
HORT-6623	Research Project / Internship	3(0-3)
HORT-6624	Capstone Project	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: 24 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)

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: 18 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)

Note: Scheme of Studies of MSc(Hons) and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF PLANT BREEDING AND GENETICS



Dr Ijaz Rasool Noorka
Professor / Chairperson

Contact

✉ ijaz.rasool@uos.edu.pk
☎ 0300-6600301
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Ijaz Rasool Noorka
Professor

Dr Naeem Akhtar
Assistant Professor

Dr. Saeed Rauf
Assistant Professor

Dr. Ikram ul Haq
Assistant Professor

Dr. Usman Saleem
Assistant Professor

Dr. Samrin Gul
Assistant Professor

Dr. Saba Tabasum
Assistant Professor

Muhammad Shehzad
Lecturer

BSc (Hons) Agriculture (Plant Breeding and 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: 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)
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 19(15-4)		
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-5111	Translation of Holy Quran – I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran–II	Non Credit
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 20(15-5)		

Semester-5		
PLBG-6203	Principals 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 Fibre Crops	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 Genetic 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 Vegetable Crops	3(2-1)
URCG-5111	Translation of Holy Quran – III	Non Credit
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	Genomics in Agriculture	3(2-1)
URCG-5111	Translation of Holy Quran – IV	Non Credit
Total 20(14-6)		

Semester-8		
PLBG-6223	Field Experience / 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: 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)
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 19(15-4)		

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-5111	Translation of Holy Quran – I	Non Credit
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)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran–II	Non Credit
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 20(15-5)		

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)
URCG-5111	Translation of Holy Quran – III	Non Credit
		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)
URCG-5111	Translation of Holy Quran – IV	Non Credit
		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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Postgraduate Courses

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)

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: 18 Credit Hours Course Work + Dissertation

Postgraduate Courses

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-II	3(3-0)

Note: Scheme of Studies of MSc(Hons) and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

I am Anita Syed. 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. They 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.

Anita Syed, BSc (Hons) Plant Breeding and Genetics



DEPARTMENT OF PLANT PATHOLOGY



Dr Muhammad Usman Ghanzafar
Professor / Chairperson

Contact

✉ usman.ghazanfar@uos.edu.com
☎ +92 333 6515101
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr Muhammad Usman Ghanzafar
Professor

Dr. Muhammad Imran Hamid
Associate Professor (on leave)

Dr. Yasir Iftikhar
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: 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)
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 19(15-4)		
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-5111	Translation of Holy Quran – I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran–II	Non Credit
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 20(15-5)		

Semester-5		
PLPT-6303	Introductory Mycology	3(2-1)
PLPT-6304	Introduction to Plant Parasitic Nematodes	3(2-1)
PLPT-6305	Introduction to Plant Prokaryotes	3(2-1)
PLPT-6306	Introduction to Plant Viruses	3(2-1)
PLPT-6307	Abiotic Diseases of Plants	2(1-1)
PLPT-6308	Diseases of Field Crops	3(2-1)
Total 17(11-6)		

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 Disease Epidemiology	3(2-1)
PLPT-6312	Beneficial Microorganisms for Sustainable Agriculture	3(2-1)
PLPT-6313	Diseases of Vegetable Crops	3(2-1)
PLPT-6314	Plant Quarantine and SPS measures	3(3-0)
PLPT-6315	Seed and Postharvest Pathology	3(2-1)
URCG-5111	Translation of Holy Quran – III	Non Credit
Total 20(14-6)		

Semester-7		
PLPT-6316	Methods and Techniques in Plant Pathology	3(1-2)
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)
URCG-5111	Translation of Holy Quran – IV	Non Credit
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: 24 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-7103	Fungal systematics	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)

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: 18 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	1(1-0)
PLPT-8111	Plant Pathology and Environmental Concerns	3(3-0)
PLPT-8112	Plant Pathology and International Obligations	3(3-0)
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)

Note: Scheme of Studies of MSc(Hons) and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF SOIL AND ENVIRONMENTAL SCIENCES



Dr Muhammad Ashraf
Professor / Chairperson

Contact

✉ ses.agriculture@uos.edu.pk
☎ 0333-6873259
📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Muhammad Ashraf
Professor

Dr Ghulam Sarwar
Professor

Dr. Sher M. Shahzad
Associate Professor

Dr. Mukram Ali Tahir
Associate Professor

Dr. Noor-us-Sabah
Assistant Professor

Dr. Muhammad Mazher Iqbal
Assistant Professor

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: 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)
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 19(15-4)		
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-5111	Translation of Holy Quran - I	Non Credit
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 and Wildlife Management	2(1-1)
AEXT-5402	Communication Skills in Agricultural Extension	2(2-0)
Total 19(15-4)		

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)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
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)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of Holy Quran-II	Non Credit
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 20(15-5)		

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-Affected Soils and Water Quality	3(2-1)
SAES-6813	Nutrient Management in Degraded Soils	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)
URCG-5111	Translation of Holy Quran – III	Non Credit
Total 21(17-4)		

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)
URCG-5111	Translation of Holy Quran – IV	Non Credit
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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Postgraduate Courses		
SAES-7101	Principles and Uses of Laboratory Equipment	3(0-3)
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-7105	Soil Classification	3(2-1)
SAES-7106	Salt-Affected and Waterlogged Soils	3(3-0)
SAES-7107	Soil Physics	3(2-1)
SAES-7108	Soil Mineralogy	3(3-0)
SAES-7109	Special Problem	1(1-0)
SAES-7110	Seminar	1(1-0)
SAES-7111	Soil- Plant Relationship	3(3-0)
SAES-7112	Principles and Applications of Bioremediation	3(3-0)
SAES-7113	Soil Ecology	3(3-0)
STAT-7151	Statistical Methods for Agricultural Research-I	3(3-0)

Note: Scheme of Studies of MSc(Hons) and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Postgraduate 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-8104	Advanced Soil Physics	3(3-0)
SAES-8105	Advanced Research Methods and Technical Writing	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(2-1)
STAT-8131	Statistical Methods for Agricultural Research-II	3(3-0)

INSTITUTE OF FOOD SCIENCE AND NUTRITION



Dr Mian Anjum Murtaza

Professor / Director

Contact

✉ foodscience@uos.edu.pk
☎ 048-9230316, 9230811-15, Ext. 401
📍 Omar Khayyam Block

FACULTY

Dr. Tusneem Kausar
Professor

Dr. Shahid Mahmood
Associate Professor

Dr. Ghulam Mueen-ud-Din
Associate Professor

Dr. Muhammad Nadeem
Associate Professor

Dr. Farzana Siddique
Assistant Professor

Dr. Kashif Ameer
Assistant Professor

Dr. Yousaf Quddoos
Assistant Professor

Dr. Anam Latif
Assistant Professor

Dr. Mahwish
Assistant Professor

Dr. Ammara Ainee
Lecturer

Jannat Sultan
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: 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 Information and 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)
Total 20(16-4)		
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-5111	Translation of the Holy Quran-I	NC
BUSB-5102	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 19(17-2)

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)

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)
URCG-5111	Translation of the Holy Quran-II	NC
FSAT-5107	Food Safety and Laws	3(3-0)
FSAT-5108	Plant Design and Layout	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)
URCG-5111	Translation of the Holy Quran-III	NC
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(2-0)
URCG-5111	Translation of the Holy Quran-IV	Non-credit
Total 17(13-4)		

Semester-8

FSAT-6129	Internship	3 (0-3)
FSAT-6130	Research / Capstone Project	3 (0-3)
Total 6(0-6)		

Grand Total: 134

“Education is the passport to the future for tomorrow belongs to those who prepare for it today.” I feel proud to be a part of University of Sargodha, from undergraduate program to postgraduate. This institute always promoted and polished my inner capabilities in a good way. It was impossible without counseling and support of my teachers, what I am today.

Aaima Aziz

M.Sc. (Hons.) Food and Nutrition

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: 24 C/Hr. Course Work - 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Major Courses		
FSAT-7101	Food Quality Assurance Management (Compulsory)	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	Seminar-I (Compulsory)	1(1-0)
FSAT-7116	Special Problem (Compulsory)	1(1-0)

Minor/Allied Course

STAT-7151	Statistical Methods for Agricultural Research-I (Compulsory)	3(3-0)
-----------	--	--------

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 per requirement

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 24 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 (Compulsory)	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)

Minor/Allied Course

STAT-7151	Statistical Methods for Agricultural Research-I (Compulsory)	3(3-0)
-----------	--	--------

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: 18 Credit Hours Course Work - Dissertation

Code	Course Title	C/Hr.
Major Courses		
FSAT-8101	Recent Advances in Food Science and Technology (Compulsory)	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	Seminar-I (Compulsory)	1(1-0)
FSAT-8110	Seminar-II (Compulsory)	1(1-0)
FSAT-8111	Special Problem (Compulsory)	1(1-0)

Minor/Allied Course

STAT-8131	Statistical Methods for Agricultural Research-II (Compulsory)	3(3-0)
-----------	---	--------

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)

1. MS / MSc (Hons) Food and Nutrition / Human Nutrition
2. MS / MSc (Hons) Food Technology
3. MS / MSc (Hons) Food Science and Technology
4. MS / MSc (Hons) Human Nutrition and Dietetics
5. MS / MSc (Hons) Community Health and Nutrition

Duration: 3-8 Years

Semesters: 6-16

Degree Requirements: 18 Credit Hours Course Work - Dissertation

Code	Course Title	C/Hr.
Major Courses		
FANU-8101	Recent Advances in Food & Nutr. (Compulsory)	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 (Compulsory)	1(1-0)
FANU-8111	Seminar-II (Compulsory)	1(1-0)
FANU-8112	Special Problem (Compulsory)	1(1-0)

Minor/Allied Course

STAT-8131	Statistical Methods for Agricultural Research-II (Compulsory)	3(3-0)
-----------	---	--------

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 or Equivalent.

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	ApplicationsofInformationand Communication Technologies (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)
		Total 18(15-3)

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-5111	Translation of the Holy Quran-I	NC
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 20(15-5)
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)
		Total 20(18-2)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5111	Translation of the Holy Quran-II	NC
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)
URCG-5111	Translation of the Holy Quran-III	NC
		Total 18(16-2)
Semester-7		
HNAD-6123	Clinical Biochemistry	3(3-0)
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)
URCG-5111	Translation of the Holy Quran-IV	NC
		Total 15(13-2)
Semester-8		
HNAD-6128	Internship	3 (0-3)
HNAD-6129	Research / Capstone Project	3 (0-3)
		Total 06(0-6)
		Grand Total: 134

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: 120-144 Credit Hours

Semester-1		
Code	Course Title	C/Hr.
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)
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)
ZOOL-6141 /	Introduction to Biology/	3(2-1)
MATH-5128	Mathematics	
URCG-5111	Translation of the Holy Quran-I	NC
		Total 20(17-3)
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)
HECO-5104	Meal Management	3(3-0)
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 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)
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-5111	Translation of the Holy Quran-II	NC
		Total 17(15-2)
Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
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, Administration and Supervision	3(3-0)
FSAT-5107	Food Safety and Laws	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)
URCG-5111	Translation of the Holy Quran-III	NC
		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)
URCG-5111	Translation of the Holy Quran-IV	NC
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)
		Grand Total: 143



FACULTY OF ARTS AND HUMANITIES



Prof. Dr. Ghulam Abbas Gondal

Dean, Faculty of Art and Humanities

Phone: 048-9230543

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
- Information Management
- Islamic Studies
- Linguistics and Language 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. It was originally the Faculty of Arts and Social Sciences and was the largest Faculty of the University. It is a blend of creative arts, humanities, languages and law, hence it has been renamed as Faculty of Arts and Humanities. It comprises seven departments and law college. The faculty brings together teaching and research expertise to create a multi-disciplinary hub for producing new ideas and knowledge that will help shape the future of individuals and the society. We offer diverse curricula that inspire students to take a multidimensional approach to explore issues and ideas. Our engagement with arts, culture and law enriches intellectual and professional outlook of our alumni.

COLLEGE OF LAW

Faculty

Dr Atika Lohani
Assistant Professor

Gull Sher Butt
Assistant Professor

Muhammad Zahid Rafique Rana
Assistant Professor (on study leave)

Haron Khalid
Assistant Professor

Mubashar Tariq
Assistant Professor (on deputation)

Syeda Tooba Akhtar
Assistant Professor

Fozia Shaheen
Lecturer

Syed Wajdan Rafay Bukhari
Lecturer

Muhammad Umar Ranjha
Lecturer (on study leave)

Muhammad Hamzah
Lecturer

Waheed-uz-Zaman
Lecturer

Mamoona Khalid
Lecturer

Muhammad Saqib Hameed
Lecturer (on study leave)

Saifullah Hassan
Lecturer

Anjum Iqbal Chattha
Lecturer



Dr Yasir Aleem

Assistant Professor / Incharge Principal

CONTACT

✉ principal.law@uos.edu.pk
☎ 048-9230568
📍 Allama Iqbal Campus

LLB (HONS) 5-YEAR

Eligibility:

1. At least 50% marks in HSSC (Part-I / II) (FA, FSc, ICS, I.Com, DAE, A-Level, D.Com) or equivalent.
2. LAT test is compulsory with at least 50% marks
3. Five (5) seats are reserved for sons/daughters of advocates.

Duration: 5 Years

Semesters: 10

Degree Requirements: 175 credit hours

Code	Course Title	C/Hr.
Semester-1		
ENGL-5101	English I	3(3-0)
PAKS-5102	Pakistan Studies	2(2-0)
SOCI-5103	Introduction to Sociology	3(3-0)
ECON-5104	Fundamentals of Economics	3(3-0)
ULAW-5105	Introduction to Law	3(3-0)
ULAW-5106	Skills Development	3(3-0)
Total 17(17-0)		
Semester-2		
ENGL-5107	English II	3(3-0)
ISLS-5108	Islamic Studies/Ethics	2(2-0)
POLS-5109	Principles of Political Science	3(3-0)
ULAW-5110	Legal System of Pakistan	3(3-0)
HIST-5111	History (South Asia)	3(3-0)
ULAW-5112	Law of Torts-I	3(3-0)
Total 17(17-0)		
Semester-3		
ENGL-5113	English III	3(3-0)
ULAW-5114	Introduction to Logic and Reasoning	3(3-0)
ULAW-5115	Islamic Jurisprudence-I	3(3-0)

ULAW- 5116	Law of Torts-II	3(3-0)
ULAW-5117	Law of Contract-I	3(3-0)
ULAW-5118	Constitutional Developments in Pakistan	3(3-0)
Total 18(18-0)		
Semester-4		
PSYC-5119	Introduction to Psychology	3(3-0)
ULAW-5120	Jurisprudence-I	3(3-0)
ULAW-5121	Human Rights Law	3(3-0)
ULAW-5122	Law of Contract-II	3(3-0)
ULAW-5123	Islamic Jurisprudence-II	3(3-0)
ULAW-5124	Constitutional Law-I (UK)	3(3-0)
Total 18(18-0)		
Semester-5		
ULAW-6125	Jurisprudence-II	3(3-0)
ULAW-6126	Constitutional Law-II (USA)	3(3-0)
ULAW-6127	Islamic Personal Law-I	3(3-0)
ULAW-6128	Criminal Law-I	3(3-0)
ULAW-6129	Public International Law-I	3(3-0)
ULAW-6130	Law of Business Organizations-I	3(3-0)
Total 18(18-0)		
Semester-6		
ULAW-6131	Public International Law-II	3(3-0)
ULAW-6132	Law of Business Organizations-II	3(3-0)
ULAW-6133	Islamic Personal Law-II	3(3-0)
ULAW-6134	Criminal Law-II	3(3-0)
ULAW-6135	Equity and Specific Relief Act	3(3-0)
ULAW-6136	Constitution Law-III (Pakistan)	3(3-0)
Total 18(18-0)		

Semester-7		
ULAW-6137	Law of Property	3(3-0)
ULAW-6138	Land Laws	3(3-0)
ULAW-6139	Minor Acts	3(3-0)
ULAW-6140	Research Methods	3(3-0)
ULAW-6141	Law of Evidence-I	3(3-0)
ULAW-6142	Legal Drafting-I	3(3-0)
Total 18(18-0)		
Semester-8		
ULAW-6143	Legal Drafting-II	3(3-0)
ULAW-6144	Interpretation of Statutes & Legislative Drafting	3(3-0)
ULAW-6145	Administrative Law	3(3-0)
ULAW-6146	Law of Evidence-II	3(3-0)
ULAW-6161	Taxation Laws (Elective-I)	3(3-0)
ULAW-6162	Consumer Protection Law (Elective-II)	3(3-0)
Total 18(18-0)		
ULAW-6147	Internship (After Completion of 8th Semester & Before 10th Semester (During Summer Vacations)	3(0-3)
Total 3(0-3)		
Semester-9		
ULAW-6148	Criminal Procedure-I	3(3-0)
ULAW-6149	Medical and Forensic Law	3(3-0)
ULAW-6150	Civil Procedure-I	3(3-0)
ULAW-6151	Moot Cases and Professional Ethics	3(3-0)
ULAW-6163	Labour Laws (Elective-III)	3(3-0)
Total 15(15-0)		
Semester-10		
ULAW-6152	Criminal Procedure-II	3(3-0)
ULAW-6153	Civil Procedure-II	3(3-0)
ULAW-6154	Intellectual Property Laws	3(3-0)
ULAW-6155	Research Project / Dissertation	3(0-3)
ULAW-6164	ADR/Alternate Dispute Resolution (Elective-IV)	3(3-0)
Total 15(12-3)		



INSTITUTE OF ART & DESIGN

Faculty

Maryam Saif
Assistant Professor

Nadia Abbasi
Assistant Professor

Naila Khan
Assistant Professor

Hassan Babar
Assistant Professor

Nadeem Afraz
Lecturer

Iram Shaheen
Lecturer (on leave)

Ahsan Jamil
Lecturer

Shabnam Majeed
Lecturer

Naveed Sharif
Lecturer



Bushra Gul
Assistant Professor / Incharge

Contact
✉ finearts@uos.edu.pk
☎ 048-9230811 - 15 Ext 468
📍 Jinnah Block

BS in Fine Arts

Eligibility: At least 45% marks in HSSC (Part-I / II) 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 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-5111	Translation of the Holy Quran - I	Non Credit
Total 17(11-6)		
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)
Total 17(11-6)		

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-5111	Translation of the Holy Quran - II	Non Credit
Total 17(11-6)		

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)		

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)
URCG-5111	Translation of the Holy Quran - III	Non Credit
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)
URCG-5111	Translation of the Holy Quran - IV	Non Credit
		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	2(2-0)
		Total 15(6-9)

BS in Graphic Design

Eligibility: At least 45% marks in HSSC (Part-I / II) 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. & 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-5111	Translation of the Holy Quran -I	Non Credit
		Total 16(9-7)

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)
GRAD-5104	Calligraphy	2(0-2)
GRAD-5105	Communication Design	3(0-3)
GRAD-5106	Drawing – II	3(0-3)
		Total 16(8-8)

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-5111	Translation of the Holy Quran –II	Non Credit
		Total 18(10-8)

Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
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		
URCU-51	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)
URCG-5111	Translation of the Holy Quran –III	Non Credit
		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-5111	Translation of the Holy Quran-I	Non Credit
INTD-5101	Foundation Drawing-1	3(0+3)
INTD-5102	Drafting	3(0+3)
INTD-5103	Fundamentals of Art & Design	3(1+2)
Total 17(8-9)		
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)
Total 16(10-6)		
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)
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-5111	Translation of the Holy Quran –II	Non Credit
Total 16(10-6)		

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)
Total 15(8-7)		

Semester-5

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)
-----------	------------	--------

Summer-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)		

Summer-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-5111	Translation of the Holy Quran-I	Non Credit
Total 16(10-6)		
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)
Total 18(12-6)		
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-5111	Translation of the Holy Quran-II	0(0-0)
TEXD-5111	History of Western Art-II	2(2-0)
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)
TEXD-5112	Drawing-IV	2(0+2)
TEXD-5113	Textile Dyeing Techniques	3(1-2)
TEXD 5114	Fundamentals 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)
URCG-5111	Translation of the Holy Quran-III	Non Credit
Total 15(4-11)		

Summer-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)
URCG-5111	Translation of the Holy Quran-IV	0(0-0)
TEXD 6129	Capstone Project –I (Weaving/Dyeing & Printing/ Surface Manipulation/Clothing)	6(0-6)
Total 15(4-11)		

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)		

BS in Fine Arts (5th Semester Intake)

Eligibility: At least 45% marks in graduation (BS/BSc/ADP) or equivalent qualification
Duration: 2 Years
Semesters: 4
Degree Requirements: 69 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
FINA-6301	Major-I: Painting/ Sculpture	6(0-6)
FINA-6302	Digital Art	3(0-3)
FINA-6303	Drawing-I	3(0-3)
FINA6304	History of Islamic Art	3(3-0)
FINA6305	History of Western Art-I	3(3-0)
Total 18(6-12)		
Semester-2		
FINA-6306	Major-II: Painting/ Sculpture	6(0-6)
FINA-6307	History of Asian Art	3(3-0)
FINA-6308	Conceptual Art	3(0-3)

FINA-6309	Drawing-II	3(0-3)
FINA-6310	History of Western Art-II	3(3-0)
Total 18(6-12)		

Semester-3

FINA-6311	Major Level-III	6(0-6)
FINA-6312	Drawing-III	3(0-3)
FINA-6313	Photography	3(0-3)
FINA-6314	Art Criticism	3(3-0)
FINA-6315	Research Methodology	3(3-0)
Total 18(6-12)		

Semester-4

FINA-6316	Drawing-IV	3(0-3)
FINA-6317	Art Presentation	3(0-3)
FINA-6318	Thesis: Painting/ Sculpture	6(0-6)
FINA-6319	Thesis Research Report	3(3-0)
Total 15(3-12)		

Diploma in Painting

Eligibility: At least 45% marks in HSSC (Part-I / II) or Equivalent qualification.
Duration: 1 Years
Semesters: 2

Code	Course Title	C/Hr.
Semester-1		
PANT-5101	Drawing-I	3(3-0)
PANT-5102	Oil Painting-II	3(3-0)
PANT-5103	Art and Craft	3(3-0)
PANT-5104	Materials and Processes	3(3-0)
Total 12(12-0)		
Semester-2		
PANT-5105	Drawing-II	3(3-0)
PANT-5106	Oil Painting-II	3(3-0)
PANT-5107	Conceptual Art	3(3-0)
PANT-5108	Final Project / Practical	3(3-0)
Total 12(12-0)		

Diploma in Fashion Design

Eligibility: At least 45% marks in HSSC (Part-I / II) or Equivalent
Duration: 1 Years
Semesters: 2

Code	Course Title	C/Hr.
Semester-1		
FADN-5101	Basic Drawing	3(3-0)
FADN-5102	Pattern Making	3(3-0)
FADN-5103	Stitching	3(3-0)
FADN-5104	Basic Measurement	3(3-0)
FADN-5105	Fashion Design Studio-I	3(3-0)
Total		15(15-0)
Semester-2		
FADN-5106	Fashion Design Studio-II	3(3-0)
FADN-5107	Draping & Dress Designing	3(3-0)
FADN-5108	Textile Basics	3(3-0)
FADN-5109	Final Display	3(3-0)
Total		12(12-0)

Diploma in Interior Design

Eligibility: At least 45% marks in HSSC (Part-I / II) or Equivalent
Duration: 1 Years
Semesters: 2

Code	Course Title	C/Hr.
Semester-1		
INTD-5201	Interior Design-II	3(3-0)
INTD-5202	Interior Model Building	3(3-0)
INTD-5203	History of Interior Design	3(3-0)
INTD-5204	Furniture Design	3(3-0)
Total		12(12-0)
Semester-2		
INTD-5205	Interior Design-II	3(3-0)
INTD-5206	Environmental Factors of Interior Design	3(3-0)
INTD-5207	Advance Problems in Interior Design	3(3-0)
INTD-5208	Final Project	3(3-0)
Total		12(12-0)



DEPARTMENT OF ARABIC LANGUAGE AND LITERATURE

FACULTY

Dr. Abdul Saboor
Lecturer

Dr. Muhammad Nasir Mustafa
Lecturer



Dr. Muhammad Saleem
Professor / Chairperson

Contact

✉ arabic@uos.edu.pk
☎ +92 48 9230584, +92 48 9230811-15 Ext 117
📍 Jinnah Block

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: 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)
URCG-5111	Translation of the Holy Quran-I	0(0-0)
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 17(16-1)

*For Muslim Students

**For Non-Muslim 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)
ARAB-5103	Applied Grammar-II	3(3-0)
ARAB-5104	Functional Arabic-II	3(3-0)
ARAB-6112	Arabic Composition-II	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)
URCG-5111	Translation of the Holy Quran-I	0(0-0)
ARAB-5105	Applied Grammar-III	3(3-0)
ARAB-5106	Arabic as International Language	3(3-0)
ARAB-5108	Study of the Islamic World & its Culture-I	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)
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

INFM-5101	An Introduction to Library Science	3(3-0)
URDU-5109	Functional Urdu	0(0-0)
URCG-5111	Translation of the Holy Quran-I	3(3-0)
ARAB-6109	Basics of Translation	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	Total 18(18-0)

Semester-6

HIST-6158	Introduction to History	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(3-0)
-----------	-------------	--------

Semester-7

ARAB-6134	Oriental Literature	3(3-0)
URCG-5111	Translation of the Holy Quran-I	0(0-0)
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(18-0)		

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 in BA/ BSc/ ADA/ ADS or Equivalent qualification.

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 72 credit hours

Code	Course Title	C/Hr.
Semester-1		
ARAB-6301	Translation(1){Arabic to English}	3(3+0)
ARAB-6302	Study of the Islamic World & its Culture	3(3+0)
ARAB-6303	History of Arabic Literature(1)	3(3+0)
ARAB-6304	Arabic Composition	3(3+0)
ARAB-6305	Arabic Poetry(1){Classical}	3(3+0)
ARAB-6306	Classical Prose	3(3+0)
Total 18(18-0)		

Semester-2

ARAB-6307	Translation(2){English to Arabic}	3(3+0)
ARAB-6308	Modern Prose	3(3+0)
ARAB-6309	History of Arabic Literature(2)	3(3+0)
ARAB-6310	Arabic Poetry(2){Modern}	3(3+0)
ARAB-6311	Linguistics	3(3+0)
ARAB-6312	Islamic History	3(3+0)
Total 18(18-0)		

Semester-3

ARAB-6313	Religious Literature(1) {Quran}	3(3+0)
ARAB-6314	Arabic Literature in the Sub-Continent	3(3+0)
ARAB-6315	History of Arabic Literature	3(3+0)
ARAB-6316	Research & Editing Methodology	3(3-0)
ARAB-6317	Computer & Arabic Language	3(3-0)
ARAB-6318	Comparative Literature	3(3-0)
Total 18(18-0)		

Semester-4

ARAB-6319	Religious Literature(2){Hadith}	3(3-0)
ARAB-6320	Rhetoric & Prosody	3(3-0)
ARAB-6321	Literary Criticism	3(3-0)
ARAB-6322	Study of Arabic Literature in Spain(Andlus)	3(3-0)
ARAB-6323	Arabic Electronic & Print Media	3(3-0)
ARAB-6324	Islamic Literature/Thesis	3(3-0)
Total 18(18-0)		



MPhil Arabic

Eligibility: Candidates having minimum 2nd division in annual system or CGPA 2.0/4.0 in MA/BS(4-Years)/B.S(After 14 years of Education-2years) 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: 24 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		
* 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		
* for Intra-disciplinary admitted candidates only		

Semester-3-4	Thesis / two courses in lieu of thesis	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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
------	--------------	-------

Semester-Zero

ARAB-7114	Arabic Drama	3(3-0)
ARAB-7115	New trends in Modern Arabic Literature	3(3-0)
ARAB-7116	History of Linguistic studies	3(3-0)

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)

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)

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
-----------	--------

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF COMMUNICATION AND MEDIA STUDIES



Dr. Mudassar Hussain Shah
Assistant Professor / Incharge

Contact

✉ Communicationstudies@uos.edu.pk
☎ +92 48 9230061, +92 48 9230811 - 15 Ext 465
📍 New Academic Block

Faculty

Dr. Hassan Raza Syed
Professor (on leave)

Noman Yaser
Assistant Professor

Dr. Saima Kausar
Assistant Professor

Dr. Abdul Rehman Qaisar
Assistant Professor

Shajee Hassan
Lecturer

Mariam Ikram
Lecturer (on leave)

Dr Abdul Rahman Madni
Lecturer

Dr. Faisal Aziz
Lecturer

Dr. Tariq Nawaz
Lecturer

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: 120-144 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	Comp. Applications in Mass Communication	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-5111	Translation of the Holy Quran-I*	NC
MCOM-5105	Journalistic Language (Urdu)	3(3+0)
MCOM-5109	Journalistic Language (English)	3(3+0)
MCOM-5111	Introduction to Social Media	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	Introduction to Mobile Journalism	3(3+0)
MCOM-5107	News Reporting and Sub-Editing	3(3+0)
MCOM-5108	Current Affairs	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-5111	Translation of the Holy Quran-II*	NC
MCOM-5112	Media Ethics & Laws	3(3+0)
MCOM-5132	Photojournalism	3(2+1)
MCOM-5133	Fundamentals of Broadcast Media	3(3+0)
Total 16(14-2)		

Summer Semester

MCOM-6155	Internship/Field Experience	3(0+3)
-----------	-----------------------------	--------

Semester-5

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)
**	Course-1 from List	3(x-x)
Total 15(x-x)		

Semester-6

URCG-5111	Translation of the Holy Quran-III*	NC
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)
**	Course-2 from List	3(x-x)
Total 15(x-x)		

Semester-7		
MCOM-6120	Introduction to Advertising and Public Relations	3(3+0)
MCOM-6122	Opinion Writing	3(2+1)
MCOM-6123	International Communication	3(3+0)
MCOM-6124	Development Communication	3(3+0)
INFM-6430	Information Literacy	3(3+0)
**	Course-3 from List	3(x-x)
Total		18(x-x)

Semester-8		
URCG-5111	Translation of the Holy Quran-IV*	NC
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)
**	Course-4 from List	3(x-x)
Total		15(x-x)

* Muslim Students only

BS in 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: 120-144 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-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-5111	Translation of the Holy Quran-I*	NC
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)
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-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-5111	Translation of the Holy Quran-II*	NC
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		16(15-1)

Summer Semester		
MCOM-6341	Internship/Field Experience	3(0-3)
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		
URCG-5111	Translation of the Holy Quran-III*	NC
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		
URCG-5111	Translation of the Holy Quran-IV*	NC
MCOM-6323	Social Media Propaganda & Information 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		18(x-x)

* Muslim Students only

BS in 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: 120-144 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	Computer Applications in Strategic Communication	3(1+2)
MCOM-5403	Fundamentals of Advertising and Public Relations	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-5111	Translation of the Holy Quran-I*	NC
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 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-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-5111	Translation of the Holy Quran-II*	NC
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 16(15-1)
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		
URCG-5111	Translation of the Holy Quran-III*	NC
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		
URCG-5111	Translation of the Holy Quran-IV*	NC
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 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: 120-144 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-5111	Translation of the Holy Quran-I*	NC
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 17(15-2)
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)
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-5111	Translation of the Holy Quran-II*	NC
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 16(13-3)		

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

URCG-5111	Translation of the Holy Quran-III	NC
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

URCG-5111	Translation of the Holy Quran-IV	NC
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 BA/ADA/ADP or equivalent

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 72 C/Hr.

Code	Course Title	C/Hr.
Semester-1		
MCOM-6601	Introduction to Conventional and Digital Communi.	3(3-0)
MCOM-6602	News Reporting and Sub-Editing	3(2-1)
MCOM-6603	Human Communi., Cybernetics and Effect Theories-I	3(3-0)
MCOM-6604	Introduction to Broadcast Media	3(3-0)
MCOM-6605	Fundamental of Research	3(3-0)
MCOM-6606	Introduction to Film and Theatre	3(3-0)
Total 18(17-1)		
Semester-2		
GRAD-5115	Graphic Design-II	3(1-2)
MCOM-6607	Digital Journalism	3(3-0)
MCOM-6608	Human Communi., Cybernetics & Effect Theories-II	3(3-0)
MCOM-6609	Introduction to Advertising and Public Relations	3(3-0)
MCOM-6610	Research Methods in Communication Studies	3(3-0)
MCOM-6611	Opinion Writing	3(1-2)
Total 8(14-4)		
Semester-3		
MCOMS-6612	Photojournalism in the Digital Era	3(2-1)
MCOMS-6613	International Communication	3(3-0)
MCOMS-6614	Development Communication	3(3-0)
MCOMS-6615	Economics of New Media	3(3-0)
Total 12(12-0)		
Semester-4		
MCOMS-6616	Creative Writing for Digital Media	3(1-2)
MCOMS-6617	Social Media Platforms	3(2-1)
Total 6(3-3)		
Semester-5		
MCOMS-6618	Radio News Reporting and Production	3(2-1)
MCOMS-6619	TV News Reporting and Production	3(2-1)
Total 6(4-2)		

iii. Strategic Communication		
MCOM-6620	Radio News Reporting and Production	3(3-0)
MCOM-6621	TV News Reporting and Production	3(1-2)
iv. Development Support Communication		
MCOM-6622	Development Support Communication	3(3-0)
MCOM-6623	Technology and Social Change	3(3-0)
v. Print Media		
MCOM-6624	Conflict Reporting	3(3-0)
MCOM-6625	Newspaper Production	3(1-2)
vi. Film and Theatre		
MCOM-6626	Film (Theory and Practice)	3(2-1)
MCOM-6627	Theatre (Theory and Practice)	3(2-1)
Semester-4		
MCOMS-6628	Media Management	3(3-0)
MCOMS-6629	Research Report	3(3-0)
MCOMS-6630	Civic Media	3(3-0)
MCOMS-6631	Internship	3(0-3)
Total 12(12-0)		
Semester-5		
i. Digital Media		
MCOMS-6632	Convergent Media	3(3-0)
MCOMS-6633	Mobile Journalism Production and Broadcasting	3(1-2)
Total 6(4-2)		
ii. Broadcast Media		
MCOMS-6634	Radio Program Production	3(1-2)
MCOMS-6635	TV Program Production	3(1-2)
Total 6(2-4)		
iii. Strategic Communication		
MCOMS-6636	Advertising	3(1-2)
MCOMS-6637	Strategic Communication Campaign Design	3(1-2)
Total 6(2-4)		
iv. Development Support Communication		
MCOMS-6638	Development Journalism	3(1-2)
MCOMS-6639	Campaign Design	3(1-2)
Total 6(2-4)		
v. Print Media		
MCOMS-6640	Sub-Editing and Page Designing	3(1-2)
MCOMS-6641	Magazine Production	3(1-2)
Total 6(2-4)		
vi. Film and Theatre		
MCOM-6642	Film (Theory and Practice)	3(0-3)
MCOM-6643	Theatre (Theory and Practice)	3(0-3)
Total 6(0-6)		

MPhil Communication & 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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
MCOM-7101	Communication Theories I	3(3-0)
MCOM-7102	Communication Research Methods-I	3(3-0)
MCOM-7103	Philosophy of Social Science	3(3-0)
MCOM-71xx	Optional-I	3(3-0)
Total 12(12-0)		
Semester-2		
MCOM-7104	Communication Theories-II	3(3-0)
MCOM-7105	Communication Research Methods-II	3(3-0)
MCOM-71xx	Optional-II	3(3-0)
MCOM-71xx	Optional-III	3(3-0)
Total 12(12-0)		
Semester-3-4		
MCOM-7113	Thesis	6(0-6)
Total 6(0-6)		

Students will opt one course in 1st semester and two courses in 2nd semester from the following optional courses:

Optional Courses

MCOM-7106	International Communication	3 (3-0)
MCOM-7107	M. Phil Seminar	3 (0-3)
MCOM-7108	Media and Politics	3 (3-0)
MCOM-7109	Digital and Social Media	3 (3-0)
MCOM-7110	Film Studies and Critique	3 (2-1)
MCOM-7111	Advanced Development Communication	3 (3-0)
MCOM-7112	Media and Cultural Studies	3 (3-0)

Note: Scheme of Studies of MPhil program is subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF ENGLISH

FACULTY

Rabia Faiz
Assistant Professor

Dr. Shahid Abbas
Assistant Professor

Faheem Arshad
Lecturer

Ayesha Izhar Chaudhri
Lecturer

Dr. Barirah Nazir
Lecturer

Sumera Saleem
Lecturer (on leave)

Imran Adeel
Lecturer

Qamar Hussain
Lecturer

Mubashir Altaf
Lecturer (on leave)

Rashid Behram Khan
Lecturer

Naveed Yousaf
Lecturer



Dr. Zareena Qasim
Assistant Professor / Incharge

Contact

✉ english@uos.edu.pk
☎ 048-9230833
📍 Jinnah Block

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: 142 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)
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-5111	Translation of the Holy Quran-I***	0(0-0)
		Total 17(16-1)
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-5204	Early English Prose	3(3-0)
ENGL-5205	Classical Poetry	3(3-0)
ENGL-5206	Literary Criticism-I	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)
ENGL-5207	Classical Drama	3(3-0)
ENGL-5208	Romantic Poetry	3(3-0)
ENGL-5209	Literary Criticism-II	3(3-0)
URCG-5111	Translation of the Holy Quran-II***	0(0-0)

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)
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(3-0)
-----------	------------	--------

Semester-5

ENGA-6401	Introduction to Linguistics	3(3-0)
ENGA-6402	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-5111	Translation of the Holy Quran-III***	0(0-0)

Total 18(18-0)

Semester-6		
ENGA-6403	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		
ENGA-6404	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)
URCG-5111	Translation of the Holy Quran-IV***	0(0-0)
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)		

*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 (SAW) are compulsory for Muslim Students only.

BS in English (5th Semester Intake)

Eligibility: At least 45% marks in BA/ADA/ADS with English Compulsory of 200 marks or equivalent.

Duration: 2 Year

Semesters: 4

Degree Requirements: 72 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
ENGL-6301	Drama-I (Classical and Elizabethan Drama)	3(3-0)
ENGL-6302	Literary Criticism	3(3-0)
ENGL-6303	Fiction-I	3(3-0)
ENGL-6304	Classical Poetry	3(3-0)
ENGL-6305	General Linguistics	3(3-0)
ENGL-6306	Prose-I	3(3-0)
Total 18(18-0)		
Semester-2		
ENGL-6307	Stylistics	3(3-0)
ENGL-6308	Drama-II	3(3-0)
ENGL-6309	Prose-II	3(3-0)
ENGL-6310	Romantic Poetry	3(3-0)

ENGL-6311	Fiction-II	3(3-0)
ENGL-6312	Research Methodology	3(3-0)
Total 18(18-0)		

Semester-3		
ENGL-6313	Modern Critical Theories	3(3-0)
ENGL-6314	Applied Linguistics	3(3-0)
ENGL-6315	American Novel & Poetry	3(3-0)
ENGL-6316	Fiction-III	3(3-0)
ENGL-6317	English for Specific Purpose (ESP)	3(3-0)
ENGL-6318	20th Century Poetry	3(3-0)
Total 18(18-0)		

Semester-4		
ENGL-6319	Post-Colonial Novel	3(3-0)
ENGL-6320	History of Western Civilization/Dissertation	3(3-0)
ENGL-6321	American Drama	3(3-0)
ENGL-6322	World Literature in Translation/Dissertation	3(3-0)
ENGL-6323	Psycholinguistics	3(3-0)
ENGL-6324	Discourse Analysis	3(3-0)
URCC-5110	Citizenship Edu. and Community Engagement	0(0-0)
Total 18(18-0)		



DEPARTMENT OF INFORMATION MANAGEMENT



Dr. Shamshad Ahmed
Professor / Chairperson

Contact

✉ information.management@uos.edu.pk
☎ 048-9230827, 9230811-15 Ext 528
📍 Jinnah Block

FACULTY

Dr. Ghulam Murtaza Rafique
Assistant Professor

Dr. Muhammad Asif Naveed
Assistant Professor

Dr. Noor Mustafa Khan
Assistant Professor

Dr. Waqar Ahmad Awan
Assistant Professor

Muhammad Asif Ali
Lecturer

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: 120-144 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-5111	Translation of the Holy Quran – I) (for Muslim students only)	Non Credit
		Total 17(16-1)
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) (for Muslim students only)	1(1-0)
		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)
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-5111	Translation of the Holy Quran – II) (for Muslim students only)	Non Credit
		Total 17(17-0)

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 17(14-3)

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)
URCQ-5111	Translation of the Holy Quran – III) (for Muslim students only)	Non Credit
		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(15-1)		

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)
URCQ-5111	Translation of the Holy Quran – IV (for Muslim students only)	Non Credit
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(3-0)
Total 15(15-0)		

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

BS in Information Management (5th Semester Intake)

Eligibility: At least 45% marks in BA/BSc/ADA/ADP or equivalent qualification (5 marks for studying elective subject of library science)

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 66 Credit hours

Code	Course Title	C/Hr.
Semester-1		
INFM-6301	Foundation of Info. Based Organizations (Core-I)	3(3-0)
INFM-6302	Management of Libraries & Info. Centers (Basic-I)	3(3-0)
INFM-6303	Organization of Information (Basic-II)	3(3-0)
INFM-6304	Information Services and Sources (Basic-III)	3(3-0)
INFM-6305	Managing Collections & Online Access (Basic-IV)	3(3-0)
INFM-6306	Indexing and Abstracting (Major-I)	3 (3-0)
Total 18(18-0)		
Semester-2		
INFM-6307	Applied Classification (Major-II)	3(0-3)
INFM-6308	Quantitative Research Methods (Basic-V)	3(3-0)
INFM-6309	Online Information Storage and Retrieval (Core-II)	3(3-0)
INFM-6310	Bibliography: Theory & Practice (Basic-VI)	3(3-0)
INFM-6311	Adv. Management & Leadership Skills (Major-III)	3(3-0)
Total 15(12-3)		

Semester-3

INFM-6312	Applied Cataloging (Major-IV)	3(0-3)
INFM-6313	Information Literacy Instruction (Major-V)	3(3-0)
INFM-6314	Qualitative Research Methods (Major-VI)	3(3-0)
INFM-6315	Library Automation Systems (Core-III)	3(1-2)
INFM-63xx	Elective-I (To be selected from the list of elective courses)	3(3-0)
Total 15(10-5)		

Semester-4

INFM-6316	Digital Libraries (Core-IV)	3(1-2)
INFM-6317	Knowledge Management (Major-VII)	3(3-0)
INFM-6318	Marketing of Library and Information Services (Major-VIII)	3(3-0)
INFM-6319	Application of Information Systems (Major-IX)	3(1-2)
INFM-63xx	Elective-II (To be selected from the list of elective courses)	3 (3-0)
INFM-6320	Practicum (8 weeks internship) (Major-X)	3 (0-3)
Total 18(11-7)		

Research Thesis

Thesis (6 credit, in lieu of two elective courses of semester III and IV)

Elective Courses

INFM- 6321	Electronic Resources Management
INFM-6322	Advanced Cataloging and Classification (Prerequisites = INFM-6307 & INFM-6311)
INFM-6323	Scientific and Technical Information Sources
INFM-6324	Humanities and Social Sciences Information Sources
INFM-6325	Personal Information and Knowledge Management
INFM-6326	Semantic Web and Linked Data Technologies
INFM-6327	School Library Media Center
INFM-6328	Media Information Management
INFM-6329	Research Data Management
INFM-6330	Information Usability Analysis and Assessment
INFM-6331	Scientometrics
INFM-6332	Information Visualization
INFM-6333	Informatics
INFM-6334	Data Science
INFM- 6335	Human Information Behaviour (Foundation-II)
INFM-6320	Project/Thesis (3 credits, in the lieu of one elective course of semester IV)



MPhil Information Management

Eligibility: At least 2.0/4.0 CGPA OR 2nd Division in BS/MA in Information Management / Library and Information Sciences / Mass Communication/ Computer Science/Information Technology/ Management Sciences/Education/Informatics/International Relations + Departmental Test (at least 50% marks)

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements:

24 C/Hr. Course Work + 6 C/Hr. Thesis

24 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-7101	Theoretical Foundations of Library & Info. Science	3(3-0)
-----------	--	--------

INFM-7102	Quantitative Research Methods	3(3-0)
-----------	-------------------------------	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

Semester-2

INFM-7103	Research Seminar	3(3-0)
-----------	------------------	--------

INFM-7104	Qualitative Research Methods	3(3-0)
-----------	------------------------------	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

Semester-3 & 4

INFM-7112	Thesis / Project	0(0-6)
-----------	------------------	--------

Courses in Lieu of Thesis

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

List of Elective Courses

INFM-7105	Communication Skills for Information Professionals	3(3-0)
-----------	--	--------

INFM-7106	Development of Libraries and Info. Services in Pakistan	3(3-0)
-----------	---	--------

INFM-7107	Application of Emerging Tech. in Info. 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)
-----------	--------------------------------------	--------

For Intra-disciplinary

Semester-1

NFM-XXXX	Select any one course from the list of deficiency courses	3(3-0)
----------	---	--------

NFM-7101	Theoretical Foundations of Library & Information Science	3(3-0)
----------	--	--------

NFM-7102	Quantitative Research Methods	3(3-0)
----------	-------------------------------	--------

NFM-71xx	Select any one course from the list of elective courses	3(3-0)
----------	---	--------

NFM-71xx	Select any one course from the list of elective courses	3(3-0)
----------	---	--------

* For Intra-disciplinary admitted candidates only

Semester-2

INFM-XXXX	Select any one course from the list of 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 the list of elective courses	3(3-0)
-----------	---	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

Semester-3

INFM-XXXX	Select any one course from the list of deficiency courses	3(3-0)
-----------	---	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

INFM-71xx	Select any one course from the list of elective courses	3(3-0)
-----------	---	--------

Semester-4

INFM-7112	Thesis/ Project	6(0-6)
-----------	-----------------	--------

List of Deficiency Courses of Level-6:

(for intra-disciplinary admissions only)

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)
-----------	-----------------------------	--------

List of Elective Courses

INFM-7105	Communication Skills for Information Professionals	3(3-0)
-----------	--	--------

INFM-7106	Dev. of Libraries and Information Services in Pakistan	3(3-0)
-----------	--	--------

INFM-7107	Application of Emerging Tech. in Info. 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)
-----------	--------------------------------------	--------

Note: Scheme of student of MPhil program is subject to approval

PhD Information Management

Eligibility: At least 3.0/4.0 CGPA or 1st division in MPhil LIS 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: 18 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)
-----------	---	--------

XXXX-XXXX	Optional Course of 03 credit hours	3(3-0)
-----------	------------------------------------	--------

Total 9(9-0)

Semester-2

INFM-8103	Seminar in Advance Research (Core)	3(3-0)
-----------	------------------------------------	--------

	Optional Courses of 06 credit hours	6(3+3-0)
--	-------------------------------------	----------

Total 9(9-0)

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	
-----------	---	--

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)
-----------	----------------------------------	--------

Semester-3-10

INFM-8115	Dissertation / Research Project / Thesis	
-----------	--	--

Note: Scheme of Studies PhD program is subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF ISLAMIC STUDIES

FACULTY

Dr Muhammad Feroz-ud-Din Shah
Assistant Professor

Dr. Samia Athar
Lecturer



Dr. Farhat Naseem Alvi
Assistant Professor / Incharge

Contact

✉ islamicstudies@uos.edu.pk
☎ 048-9230811 - 15 Ext 460
📍 Al-Biruni Block

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 Years

Semesters: 8

Degree Requirements: 120-144 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)	
URCG-5111	Translation of the Holy Quran – I**	0(0-0)
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)
		Total 17(16-1)
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)
ISLS- 5113	Arabic Through Qur'anic Text	
ISLS-6209	Study of Sirah of Holy Prophet (PBUH)	3(3-0)
ISLS -5114	Islamic Morals	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)
URCG-5111	Translation of the Holy Quran – II**	0(0-0)
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)
		Total 17(17-0)

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	Beginning 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)
URCG-5111	Translation of the Holy Quran-III**	0(0-0)
		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 (فقه الماليات)	3(3-0)
Total 18(18-0)		

Summer Semester

ISLS-6229	Internship	3(3-0)
-----------	------------	--------

Semester 7

PSYC-5116	Islamic Psychology & Emerging Challenges	3(3-0)
ISLS-6226	Study of Islamic Fiqh II (فقه 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)
URCG-5111	Translation of the Holy Quran-IV**	0(0-0)
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 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		
ISLS-6301	Study of Sirah of Holy Prophet (PBUH)	3(3-0)
ISLS-6302	History of Tafsir and its Principles	3(3-0)
ISLS-6303	Textual Study of Al-Qur'an-I	3(3-0)
ISLS-6304	'Ulum-al-Hadith	3(3-0)
ISLS-6305	Usul al-Fiqh	3(3-0)
ISLS-6306	The Golden Age of Muslims	3(3-0)
Total 18(18-0)		

Semester-2

ISLS-6307	History & Compilation of Hadith	3(3-0)
ISLS-6308	Textual Study of Muslim Family Laws	3(3-0)
ISLS-6309	Textual Study of Al-Qur'an-II	3(3-0)
ISLS-6310	Ethics of Disagreement I Islam (Uni Optional I)	3(3-0)
ISLS-6311	Muslim World Res. & Prob. I (Uni Optional-II)	3(3-0)
ISLS-6312	Islam & Science	3(3-0)
ISLS-6313	Textual Study of Fiqh Al Akbar	2(2-0)
Total 17(17-0)		

Semester-3

ISLS-6314	Al-Dawah wal Irshad	3(3-0)
ISLS-6315	Comparative Study of World Religions-I	3(3-0)
ISLS-6316	Methodology of Research in Islamic Studies	3(3-0)
ISLS-6317	Textual Study of Hadith	3(3-0)
ISLS-6318	Arabic Literature	3(3-0)
ISLS-6319	Study of Islamic Fiqh-I	3(3-0)
Total 18(18-0)		

Semester-4

ISLS-6320	Study of Islamic Fiqh-II	3(3-0)
ISLS-6321	Objectives of Shari'ah	3(3-0)
ISLS-6322	Comparative Study of World Religions-II	3(3-0)
URCC-5110	Citizenship Edu. & Communication Engagement	0(0-0)
ISLS-6323	Muslim World Res. & Prob. II (Uni Optional II)	3(3-0)
ISLS-6323	Intro. to Shurik Kutb Hadith (Uni Optional II) OR	3(3-0)
ISLS-6325	Thesis/Research Project	6(0-6)
Total 15(15-0)/15(9-6)		

MPhil Islamic Studies

Eligibility: MA/MSc/BS 4-years or equivalent (16-years of Education) in the relevant field or equivalent degree from HEC recognized institutions with at least 2nd division or CGPA 2.00 out of 4.00 + 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.
Semester-1		
ISLS-7101	Uloomul-ul-Quran	3(3-0)
ISLS-7102	Hadith & Uloom-ul-Hadith	3(3-0)

ISLS-7103	Research Methodology	3(3-0)
ISLS-7104	Comparative Analysis of International Religions	3(3-0)
Total 12(12-0)		

Semester-2

ISLS-7105	Tafseer-ul-Quran (Textual Study)	3(3-0)
ISLS-7106	Study of Hadith (Textual Study)	3(3-0)
ISLS-7107	Islam and Orientalists	3(3-0)
ISLS-7108	Study of Seerat-un-Nabi (PBUH)	3(3-0)
Total 12(12-0)		

Semester-3 to 4

ISLS-7109	Thesis	6(0-6)
-----------	--------	--------

Additional Subjects

ISLS-7110	Masadir Uloom-e-Islamia	3(3-0)
ISLS-7111	Arabic Language and Literature	3(3-0)

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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
ISLS-8101	Tafsir and Quranic Sciences	3(3-0)
ISLS-8102	Hadith Studies	3(3-0)
ISLS-8103	Shariah Law - I	3(3-0)
Semester-2		
ISLS-8104	Modern Trends in Tafasir	3(3-0)
ISLS-8105	Hadith Literature (Modern Trends)	3(3-0)
ISLS-8106	Shariah Law - II	3(3-0)
Semester-3 to 6		
ISLS-8107	Thesis	6(0-6)
Total 6(0-6)		

Additional Subjects

ISLS-8108	Comparative Study of Religions	3(3-0)
ISLS-8109	Contemporary Muslim World and Its Movements	3(3-0)
ISLS-8110	Pioneers of Contemporary Islamic Resurgence	3(3-0)

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF Linguistics and Language Studies



Dr. Ijaz Asghar
Professor / Chairperson

Contact

✉ english@uos.edu.pk
☎ 048-9230892, 048-9230811-15 Ext 417, 310
📍 Jinnah Block

FACULTY

Dr. Musarrat Azher
Associate Professor

Dr. Azhar Pervaiz
Assistant Professor

Iqra Jabeen
Assistant Professor (on study leave)

Dr. Tazanfal Tehseem
Assistant Professor

Aisha Umer
Lecturer

Bushra Amil
Lecturer (on ex-Pakistan leave)

Qasim Dad
Lecturer

Shaista Hassan
Lecturer

Naima Batool
Lecturer

Sana Nawaz
Lecturer

BS in English (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: 142 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-5111	Translation of Holy Quran-I***	NC
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 17(16-1)		
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 Semantic	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)
ENGL-5307	Functional Approaches to Syntax	3(3-0)
ENGL-5308	Applied Linguistics	3(3-0)
ENGL-5309	Sociolinguistics	3(3-0)
URCG-5111	Translation of Holy Quran-II***	NC
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)
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(3-0)
-----------	------------	--------

Semester-5

ENGA-6501	Introduction to Literary Devices & Genres	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)
URCQ-5111	Translation of the Holy Quran – III***	0(0-0)

Total 15(15-0)

Semester-6		
ENGA-6502	Classical & Romantic 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		
ENGA-6503	Classical and Elizabethan Drama	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(3-0)
URCQ-5111	Translation of the Holy Quran – IV***	0(0-0)

Total 15(15-0)

Semester-8		
ENGA-6504	Victorian Novel	3(3-0)
ENGL-6527	Critical Discourse Studies	3(3-0)
ENGL-6528	Humour Linguistics	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 (SAW) are compulsory for Muslim Students only.



MPhil English (Linguistics)

Eligibility: 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: 2-4 Years

Semesters: 4-8

Degree Requirements: 24 C/Hr. Course Work + 6 C/Hr. Thesis

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) 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)
Semester-3 and 4		
ENGL-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 English 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: 18 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) Semester-II	3(3-0)
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)
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.

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF PERSIAN LANGUAGE AND LITERATURE



Dr. Hafiz Mansoor Ahmad
Assistant Professor / Incharge

Contact



048-9230811 - 15 Ext 388



Al-Biruni Block

FACULTY

Dr. Syeda Chand Bibi
Lecturer

Muhammad Nouman Zahid
Lecturer (on study leave)

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: 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)
URCQ-5111	Translation of the Holy Quran-I	Non Credit
PERS-5101	Persian Grammar & Spoken Persian -I	3(3-0)
PERS-5102	Introduction to Territories of Persian Language-1	3(3-0)
PERS-5103	Persian Grammar & Rhetoric Studies	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)
PERS-5104	Introduction to Territories of Persian Language-ii	3(3-0)
PERS-5105	History of Modern South Asia	3(3-0)
PERS-5106	Persian Prose and Poetic Geners	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)
PERS-5107	History of Persian Literature in Iran-I	3(3-0)
PERS-5108	Classical Persian Prose in Iran-I	3(3-0)
PERS-5109	Classical Persian Poetry in Iran-I	3(3-0)
URCQ-5111	Translation of the Holy Quran-I	Non Credit
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)
PERS-5110	Persian Literary Criticism-I	3(3-0)
PERS-5111	Persian Literary Sources-I	3(3-0)
PERS-5112	Persian Grammar & Spoken Persian -II	3(3-0)
Total 16(15-1)		

Summer Semester

PERS-5113	Field experience / internship	3(3-0)
-----------	-------------------------------	--------

Semester 5

URDU-5102	Functional Urdu OR	3(0-3)
PUNJ-5112	Introduction to Punjabi Literature	
PERS-6114	History of Persian Literature in Iran-II	3(3-0)
PERS-6115	Classical Persian Prose in Iran-II	3(3-0)
PERS-6116	Classical Persian Poetry in Iran-II	3(3-0)
PERS-6117	Art of Listening and Speaking Persian Language-II	3(3-0)
URCQ-5111	Translation of the Holy Quran-I	Non Credit
Total 15(12-3)		

Semester 6

COMS-5101	Conventional and Digital Communication	3(0-3)
PERS-6118	History of Persian Literature in Sub-Continent	3(3-0)
PERS-6119	Classical Persian Prose in Sub-Continent	3(3-0)

PERS-6120	Classical Persian Poetry in Sub-Continent	3(3-0)
PERS-6121	History of Persian Literature in Iran-III	3(3-0)
PERS-5212	Field experience / internship	3(3-0)
Total 18(18-0)		

Semester 7

ULAW-5130	Introduction to Basic Law	3(0-3)
PERS-6122	Iqbal Studies	3(3-0)
PERS-6123	Art of Listening and Speaking Persian Language-II	3(3-0)
PERS-6124	Mysticism and Mystical Literature	3(3-0)
PERS-6125	Capstone project	3(3-0)
URCQ-5111	Translation of the Holy Quran-I	Non Credit
Total 15(15-0)		

Semester 8

EDUC-5001	Introduction to Education	3(3-0)
PERS-6126	Creative Writing	3(3-0)
PERS-6127	Modern Persian Texts	3(3-0)
PERS-6128	Persian Research Methodology	3(3-0)
PERS-6129	Thesis	3(3-0)
Total 15(15-0)		



BS in Persian (5th Semester Intake)

Eligibility: At least 45% marks in graduation (BA/BSc/ADP) or Equivalent qualification

Duration: 2 Years

Semesters: 4

Degree Requirements: 72 credit hours

Code	Course Title	C/Hr.
Semester 1		
PERS-6301	Persian Grammar & Spoken Persian II	3(3-0)
PERS-6302	History of Persian Literature in Iran I	3(3-0)
PERS-6303	Classical Persian Prose in Iran I	3(3-0)
PERS-6304	Classical Persian Poetry in Iran I	3(3-0)
PERS-6305	Persian Literature Criticism I	3(3-0)
PERS-6305	Persian Literary Sources I	3(3-0)
Total 18(18-0)		

Semester 2

PERS-6307	Persian Grammar & Spoken Persian III	3(3-0)
PERS-6308	History of Persian Literature in Iran II	3(3-0)
PERS-6309	Classical Persian Prose in Iran II	3(3-0)
PERS-6310	Classical Persian Poetry in Iran II	3(3-0)
PERS-6311	Persian Literature Criticism II	3(3-0)
PERS-6312	Persian Literary Sources II	3(3-0)
Total 18(18-0)		

Semester 3

PERS-6313	Persian Grammar & Spoken Persian IV	3(3-0)
PERS-6314	Classical Persian Prose in Sub Continent	3(3-0)
PERS-6315	Classical Persian Poetry in Sub Continent	3(3-0)
PERS-6316	History of Persian Literature in Iran III	3(3-0)
PERS-6317	Iqbal Studies	3(3-0)
PERS-6318	Persian Manuscript Studies (Optional I)	3(3-0)
PERS-6319	Mysticism & Mystical Literature (Optional II)	3(3-0)
PERS-6320	Comparative Studies of Persian, Urdu and Punjabi	3(3-0)
Total 18(18-0)		

Students have to choose one course out of PERS-6318, PERS-6319 and PERS-6320

Semester 4

PERS-6321	Creative Writing	3(3-0)
PERS-6322	Modern Persian Texts	3(3-0)
PERS-6323	Persian Research Methodology	3(3-0)
PERS-6324	Thesis/History of Persian Language	3(3-0)
PERS-6325	Persian Literary Sources-II	3(3-0)
PERS-6326	Persian Research Centres (Optional I)	3(3-0)
PERS-6327	Persian Folk Literature (Option II)	3(3-0)
PERS-6328	Persian Calligraphy (Optional III)	3(3-0)
Total 18(18-0)		

Students have to choose one course out of PERS-6326, PERS 6327 and PERS-6328

MPhil Persian*

Eligibility: At 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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester 1		
PERS-7101	History of Persian Literature	3(3-0)
PERS-7102	Persian Grammar	3(3-0)
PERS-7103	Modern Persian Literature	3(3-0)
PERS-7104	Bibliographic Sources and Research Methodology	3(3-0)
Total 12(12-0)		

Semester 2

PERS-7105	Classical Texts	3(3-0)
PERS-7106	Rhetoric and Prosody	3(3-0)
PERS-7107	Translation, Interpretation & Spoken Persian	3(3-0)
PERS-7108	Foreign Language	3(3-0)
Total 12(12-0)		

Semester 3-4

PERS-7109	Thesis	6(0+6)
Total 6(0+6)		

Note: Scheme of Studies of MPhil program is subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF PUNJABI LANGUAGE, LITERATURE AND CULTURE

FACULTY

Dr. Muhammad Munir
Associate Professor



Dr. Muhammad Munir
Associate Professor / Chairperson

Contact

✉ 048-9230811 - 15 Ext 7812
📍 Jinnah Block

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: 120-144 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-5111	Translation of the Holy Quran-I*	0(0-1)
PUNJ-5101	Genres of Punjabi Literature (پنجابی ادب دیاں صنفیں)	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 17(16-1)
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)
PUNJ-5104	Selected Punjabi Prose and Poetry (چنویں 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-5111	Translation of the Holy Quran-II*	0(0-1)
PUNJ-6214	Classical Poetry (کلاسیک شاعری)	3(3-0)
PUNJ-6207	Punjabi Ghazal (پنجابی غزل)	3(3-0)
PUNJ-6208	Punjabi Linguistics (پنجابی لسانیات)	3(3-0)
		Total 17(17-0)

* For Muslim students only

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 داستانیں)	3(3-0)
PUNJ-6216	Special Study of Heer Waris Shah (خصوصی مطالعہ: ہیرو 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)
URCG-5111	Translation of the Holy Quran-III*	Non Credit
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)

* For Muslim students only

Semester 6

INFM	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	Literacy Tradition of Eastern Punjab	(پڑھنے کی روایت شمالی پنجاب)	3(3-0)
PUNJ-6209	Special Study of Heed Damodar		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-6227	Translation of Holy Quran-IV*		Non Credit
PUNJ-6228	Punjabi Drama	(پنجابی ڈراما)	3(3-0)
PUNJ-6210	Waars and Epics	(دواں تے جگ نالے)	3(3-0)
PUNJ-6230	Principals of Research	(کھوج دے وصول)	3(3-0)
	Capstone Project		3(3-0)
			Total 15(15-0)
Semester 8			
MCOM-5101	Conventional and Digital Communication		3(3-0)
PUNJ-6227	Applied Criticism		3(3-0)
PUNJ-6228	Modern Punjabi Poetry-II	(عملی تنقید)	3(3-0)
PUNJ-6210	Patriotic Literature	(نویں پنجابی نظم-II)	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)



DEPARTMENT OF SPORTS SCIENCES



Dr. Yasir Iqbal Waraich

Lecturer / Incharge

Contact

✉ sports.sciences@uos.edu.pk
 ☎ 048-9230154, 048-9230811 - 15 Ext 305
 📍 Jinnah Block

FACULTY

Qasid Naveed

Lecturer

Bilal Ahmad Qureshi

Lecture

Faryal Gul

Lecturer (on leave)

Saba Arshad

Lecturer

Rashid Naeem Khan

Lecturer

Reema Aman

Lecturer

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: 120-144 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-5111	Translation of the Theory Quran-I	0(0-0)
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 15(10-5)

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)
PEDU-5206	Practical Games (Hockey & Cricket)	2(0-2)
PEDU-5207	Athletics' (Long Jumps & Triple Jumps)	2(0-2)

Total 18(14-4)

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-5111	Translation of the Holy Quran – II	0(0-0)
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 16(14-2)

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)
-----------	-------------	--------

Semester-5

URCG-5111	Translation of the Holy Quran – III	0(0-0)
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)
URCQ-5114	Translation of the Holy Quran- IV	0(0-0)
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)
		Total 15(15-0)

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 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		
PEDU-6301	Sports Management & Administration	3(3+0)
PEDU-6302	Human Anatomy	3(3+0)
PEDU-6303	Intro. to Information & Communication Tech.	0(0+0)
PEDU-6304	Rules of Track & Field Events	3(3+0)
PEDU-6305	Practical Gymnastic (Floor Exercises)	2(0+2)
PEDU-6306	Practical Games (Hockey & Cricket)	2(0+2)
PEDU-6307	Practical Athletics (Sprint Races)	2(0+2)
		Total 15(9-6)
Semester-2		
PEDU-6308	Theory of Games	3(3+0)
URCC-5110	Citizenship Education & Community Engagement	0(0+0)
PEDU-6309	Exercise Physiology	3(3+0)
PEDU-6310	Methods of Research in Sports	3(3+0)

PEDU-6311	Practical Gymnastic (Apparatus work)	2(0+2)
PEDU-6312	Practical Games (Hand Ball & Volley Ball)	2(0+2)
PEDU-6313	Practical Athletics (Vertical & Horizontal jumps)	2(0+2)
		Total 15(9-6)

Semester-3		
PEDU-6314	Science of Sports Training	3(3+0)
PEDU-6315	Sports Psychology	3(3+0)
PEDU-6316	Measurement evaluation in Human Performance	3(3+0)
PEDU-6317	Research Project / Thesis / Internship	3(3+0)
PEDU-6318	Prac. Athletics (Middle & Long Distance Races)	2(0+2)
PEDU-6319	Practical Games (Football & Basket Ball)	2(0+2)
PEDU-6320	Practical Minor Area Games	2(0+2)
		Total 18(12-6)

Semester-4		
PEDU-6321	Sports Bio-Mechanics	3(3+0)
PEDU-6322	Sports Nutrition	3(3+0)
PEDU-6323	Sports Injuries & Rehabilitations	3(3+0)
PEDU-6324	Research Project / Thesis / Internship	3(3+0)
PEDU-6325	Practical Athletics (Throwing Events)	2(0+2)
PEDU-6326	Practical Games (Table Tennis & Badminton)	2(0+2)
PEDU-6327	Practical (Hiking / Hill Tracking)	2(0+2)
		Total 18(12-6)



DEPARTMENT OF URDU LANGUAGE AND LITERATURE

FACULTY

Dr. Ghulam Abbas Gondal
Professor

Dr. Muhammad Yaar Gondal
Professor Wazir Aghar Chair

Dr. Shahid Nawaz
Assistant Professor

Dr. Sajid Javed
Assistant Professor

Tariq Habib
Assistant Professor

Dr. Shoaiba Mueed
Assistant Professor

Dr. Sumaira Ijaz
Lecturer

Dr. Abida Naseem
Lecturer

Muhammad Imran
Lecturer

Kashif-ur-Rehman
Lecturer



Dr. Naseem Abbas
Professor / Chairperson

Contact

✉ urdu@uos.edu.pk
☎ 048-9230811 - 15 Ext 388
📍 Jinnah Block

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: 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. & Comm. Tech. (ICT)	3(2-1)
URCG-5111	Translation of the Holy Quran – I *	(N.C)
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 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)
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)
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)
URCG-5111	Translation of the Holy Quran- II *	(N.C)
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 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)
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)	
PERS-6101	Introduction to Persian	3(3-0)
MCOM-5101	Intro. to Conventional & Digital Communication	2(2-0)
URCG-5111	Translation of the Holy Quran – III *	(N.C)
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 Pattern of Grammar and Lexicology)	3(3-0)
URCG-5111	Translation of the Holy Quran – IV *	(N.C)
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 Modern Literary Criticism	3(3-0)
Total 15(15-0)		

* For Muslim Students only

BS in Urdu (5th Semester Intake)

Eligibility: At least 45% marks in BA/BSc/ADP or equivalent qualification

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 72 credit hours

C/Hr.	Course Title	Code
Semester-1		
URDU-6301	Urdu Dastan and Drama	3(3-0)
URDU-6302	Classical Urdu Ghazal	3(3-0)
URDU-6303	History of Urdu Literature (I)	3(3-0)
URDU-6304	Literary Criticism (I)	3(3-0)
URDU-6305	Styles of Urdu Prose	3(3-0)
URDU-6306	Urdu Grammar (Optional)	3(3-0)
URDU-6307	World Literature (Optional)	3(3-0)
URDU-6308	Translation: Art & Tradition (Optional)	3(3-0)
Total 18(18-0)		

Students have to choose one course out of URDU-6306, URDU-6307 and World Literature and URDU-6308.

Semester-2

URDU-6311	Urdu Novel	3(3-0)
URDU-6312	Classical Urdu Poem	3(3-0)
URDU-6313	History of Urdu Literature (II)	3(3-0)
URDU-6314	Literary Criticism (II)	3(3-0)
URDU-6315	Urdu Linguistics	3(3-0)
URDU-6316	Post -Colonial Study of Urdu Literature (Optional)	3(3-0)
URDU-6317	Impact of 20th Century knowledge on Urdu Literature (Optional)	3(3-0)
Total 18(18-0)		

Students have to choose one course out of URDU-6316 and URDU-6317.

Semester 3

URDU-6318	Urdu Short Story	3(3-0)
URDU-6319	Modern Urdu Ghazal	3(3-0)
URDU-6320	History of Urdu Literature (III)	3(3-0)

URDU-6321	Communication Skills	3(3-0)
URDU-6322	Urdu Journalism, Magazines and Periodicals	3(3-0)
URDU-6323	Principles of Research & Editing (Optional)	3(3-0)
URDU-6324	Lexicon & Urdu Lexicography (Optional)	3(3-0)
URDU-6325	The Feminist Study of Urdu Literature (Optional)	3(3-0)
Total 18(18-0)		

Students have to choose one course out of URDU-6323, URDU-6324 and URDU-6325.

Semester-4

URDU-6326	Iqbal Studies (Urdu)	3(3-0)
URDU-6327	Non Fictional Prose	3(3-0)
URDU-6328	Modern Urdu Poem	3(3-0)
URDU-6329	Applied Criticism (III)	3(3-0)
URDU-6330	Creative Prose and Applied Journalism	3(3-0)
URDU-6331	Thesis / Project (Optional)	3(3-0)
URDU-6332	Literary Socialism (Optional)	3(3-0)
Total 18(18-0)		

Students have to choose one course out of URDU-6331 and URDU-6332.

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

C/Hr.	Course Title	Code
Semester-1		
URDU-7101	Research: Theory and Practical	3(3-0)
URDU-7102	Literary Criticism, Theory & Application	3(3-0)
URDU-7103	Literary Historiography: Principles and Tradition	3(3-0)
URDU-7104	Art of Translation: Principles and Tradition	3(3-0)
Total 12(12-0)		
Semester-2		
URDU-7105	Editing: Theory and Practical	3(3-0)
URDU-7106	Linguistics and Modern Criticism	3(3-0)

URDU-7107	Important Literary Trends	3(3-0)
URDU-7108	Role of Journals in Promotion of Research & Editing	3(3-0)
URDU-7109	Cultural Study of Literature	3(3-0)
URDU-7110	The Tradition of Ghalib & Iqbal Studies	3(3-0)
Total 12(12-0)		

Students have to choose one courses out of URDU-7108, URDU-7109 and URDU-7110

Semester 3-4

URDU-7111	Thesis	6(0-6)
-----------	--------	---------------

PhD Urdu

Eligibility: MPhil/MSc(Hons)/MS in Urdu (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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
------	--------------	-------

Semester 1

URDU-8101	Principles & Trends of Modern Research	3(3-0)
URDU-8102	The Study of Criticism and Tools of Criticism	3(3-0)
URDU-8103	The Critical Background of Urdu Poetry	3(3-0)

Total 9(9-0)

Semester 2

URDU-8104	The Principles and Trends of Modern Editing	3(3-0)
URDU-8105	The Critical Background of Urdu Fiction	3(3-0)
URDU-8106	Foreign Language (Persian/English/Hindi)	3(3-0)

Total 9(9-0)

Semester 3-6

URDU-8107	Thesis	6(0-6)
-----------	--------	---------------

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



FACULTY OF COMPUTING AND INFORMATION TECHNOLOGY



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

Phone: 048-9230811 - 15 Ext 365, 363
Email: dean.computing-it@uos.edu.pk

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 achievement 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 and Software Engineering 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

FACULTY

Dr. Saad Razaq
Assistant Professor

Dr. Qaiser Abbas
Assistant Professor (on leave)

Dr. Fahad Maqbool
Assistant Professor

Dr. Hafiz Muhammad Faisal Shahzad
Lecturer

Aamir Zia
Lecturer

Farooq Javed
Lecturer

Mudassar Ali Zaidi
Lecturer

Muhammad Zohaib Nawaz
Lecturer (on leave)

Muhammad Fahad
Lecturer

Qaisar Farooq
Lecturer

Dr. Hussam Ali
Lecturer

Samreen Razzaq
Lecturer



Dr. Muhammad Ilyas
Professor / Chairperson

Contact

✉ chairman.cs@uos.edu.pk
☎ 048-9230811 - 15 Ext 365, 363
📍 Muhammad Ali Block

BS in Computer Science

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. A-Levels (with of the contribution of I / II / III and equivalence by IBCC) with at least 50% obtained marks

Duration: 4 Years

Semesters: 8

Degree Requirements: 124-140 Credit Hours

Pre-req.	Code	Course Title	C/Hr.
Semester-1			
	ICTC-101	Introduction to ICT	3(2-1)
	CMPC-101	Programming Fundamentals	4(3-1)
	ENGL-101	Functional English	3(3-0)
	MATH-101	Calculus & Analytical Geometry	3(3-0)
	PHYS-101	Applied Physics	3(3-0)
	ISLS-101	Islamic Studies	2(2-0)
			Total 18(16-2)

Semester-2			
	CSCC-102	Digital Logic and Design	4(3-1)
CMPC-101	CMPC-102	Object Oriented Programming	4(3-1)
	MATH-102	Probability & Statistics	3(3-0)
	CMPC-104	Discrete Structures	3(3-0)
ENGL-101	ENGL-102	Communication Skills	3(3-0)
			Total 17(15-2)

Semester-3			
	CSCC-201	Comp Organization & Assembly Language	4(3-1)
CMPC-102	CMPC-201	Data Structures & Algorithms	4(3-1)
ENGL-102	ENGL-201	Technical & Report Writing	3(3-0)
	PKST-201	Pakistan Studies	2(2-0)
	CMPC-205	Computer Networks	4(3-1)
	xxxx-2xx	University Elective-I	3(3-0)
			Total 20(17-3)

Semester-4			
CMPC-201	CSCC-202	Design & Analysis of Algorithms	3(3-0)
	CMPC-202	Database Systems	4(3-1)
	MATH-202	Linear Algebra	3(3-0)
	CMPC-204	Software Engineering	3(3-0)
	xxxx-2xx	University Elective-II	3(3-0)
			Total 16(15-1)

Semester-5			
	CSCC-301	Theory of Automata	3(3-0)
CMPC-201	CMPC-301	Operating Systems	4(3-1)
	CSEC-3xx	Elective-I	3(3-0)
	CSSC-3xx	CS Supporting-I	3(3-0)
	CSSC-3xx	CS Supporting-II	3(3-0)
	CSSC-3xx	CS Supporting-III	3(3-0)
			Total 19(18-1)

Semester-6			
CMPC-104	CSCC-302	Artificial Intelligence	4(3-1)
CSCC-301	CSCC-306	Compiler Construction	3(3-0)
	CSCC-304	Parallel & Distributed Computing	3(3-0)
	CMPC-302	Information Security	3(3-0)
	CSEC-3xx	CS Elective-II	3(3-0)
			Total 16(15-1)

Semester-7

CMPC-401	Capstone	3(0-3)
CSEC-4xx	CS Elective-III	3(3-0)
xxxx-4xx	University Elective-III	3(3-0)
CSEC-4xx	CS Elective-III	3(3-0)
xxxx-4xx	University Elective-III	3(3-0)
CSEC-4xx	CS Elective-IV	3(3-0)
Total 12(9-3)		

Semester-8

CMPC-402	Capstone	3(0-3)
CSSC-402	Professional Practice	3(3-0)
CSEC-4xx	CS Elective-V	3(3-0)
xxxx-4xx	University Elective-IV	3(3-0)
Total 12(9-3)		

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Pre-req.	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)
Total 9(9-0)		

Semester-2

CSCC-704	Advanced Computer Architecture	3(3-0)
CSCC-7xx	Elective-I	3(3-0)
CSCC-7xx	Elective-II	3(3-0)
Total 9(9-0)		

Semester-3

CSCC-700	Thesis-I	3(0-3)
CSCC-7xx	Elective III	3(3-0)
CSCC-7xx	Elective IV	3(3-0)
Total 9(6-3)		

Semester-4	CSCC-700	Thesis -II	3(0-3)
-------------------	----------	------------	--------

* Scheme of studies is subject to revision according to the HEC New Graduate Policy.

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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
For semester one and two, six courses will be selected from the above list. Semester III to VI will be for research.		
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)

* Scheme of studies is subject to revision according to the HEC New Graduate Policy.



DEPARTMENT OF INFORMATION TECHNOLOGY



Dr. Hikmat Ullah Khan

Professor / Chairperson

Contact

✉ chairman.it@uos.edu.pk
☎ 048-9230811 - 15 Ext 364
📍 Muhammad Ali Block

FACULTY

Dr. Khalid Mehmood Aamir
Assistant Professor

Dr. Humaira Ijaz
Assistant Professor

Muhammad Azhar Mushtaq
Assistant Professor

Dr. Bushra Jameel
Lecturer

Dr. Muhammad Kaleem
Lecturer

Madiha Sarwar
Lecturer

Shafaan Khaliq Bhatti
Lecturer

Waseem Ahmad
Lecturer

Iqra Khan
Lecturer

Nisar Ahmad
Lecturer

Sidra Batool
Lecturer

BS in Information Technology

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-IT Only 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: 124-140 Credit Hours

Pre-req.	Code	Course Title	C/Hr.
Semester-1			
	ICTC-101	Introduction to ICT	3(2-1)
	CMPC-101	Programming Fundamentals	4(3-1)
	ENGL-101	English Composition & Comprehension	3(3-0)
	MATH-101	Calculus & Analytical geometry	3(3-0)
	PHYS-101	Applied Physics/Quantum Computing	3(3-0)
Total 16(14-2)			
Semester-2			
CMP-101	CMPC-102	Object Oriented Programming	4(3-1)
	ENGL-102	Communication & Presentation Skills	3(3-0)
	ITSC-1xx	IT Supporting Course - I	3(3-0)
	MATH-102	Probability and Statistics	3(3-0)
	xxxx-1xx	University Elective-I	3(3-0)
	xxxx-1xx	University Elective-II	3(3-0)
Total 19(18-1)			

Semester-3

CMPC-102	CMPC-203	Data Structure and Algorithms	4(3(3-1)
	CMPC-205	Discrete Structures	3(3-0)
	ITSC-201	Professional Practices	3(3-0)
	ITSC-2xx	IT Supporting Course-II	3(3+0)
	MATH-203	Linear Algebra	3(3+0)
Total 16(15+1)			

Semester-4

CMPC-203	CMPC-204	Operating Systems	4(3-1)
	CMPC-206	Software Engineering	3(3-0)
	CMPC-208	Computer Networks	3(3-0)
	ITSC-202	IT Project Management	3(3-0)
	xxxx-20x	University Elective-III	3(3-0)
Total 16(15-1)			

Semester-5

CMPC-203	CMPC-301	Database Systems	4(3-1)
	CMPC-303	Information Security	3(3-0)
	ITSC-3xx	IT Supporting Course-III	3(3-0)
CMPC-204	ITCC-301	System and Network Administration	4(3-1)
	ITEC-3xx	IT Elective-I	3(3-0)
Total 17(15-2)			

Semester-6

	ITCC-302	Web Technologies	3(3-0)
	xxxx-3xx	University Elective-IV	3(3-0)
	ITEC-3xx	IT Elective-II	3(3-0)
	ITEC-3xx	IT Elective-III	3(3-0)
	ENGL-302	Technical & Business Writing	3(3-0)
Total 15(15-0)			

Semester-7			
ITCC-403	Virtual Systems and Services	4(3-1)	
CMPC-401	Final Year Project-I	3(0-3)	
ITCC-407	IT Infrastructure	3(3-0)	
ITEC-4xx	IT Elective-IV	3(3-0)	
PKST-401	Pakistan Studies	2(2-0)	
			Total 15(11-4)

Semester-8			
CMPC-402	Final Year Project-II	3(0-3)	
ITCC-402	Cyber Security	3(3-0)	
ITEC-4xx	IT Elective-V	3(3-0)	
ITCC-406	Database Administration and Manag.	4(3-1)	
ISLS-402	Islamic Studies/Ethics	2(2-0)	
			Total 15(11-4)

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: 70

Pre-req.	Code	Course Title	C/Hr.
Semester-1			
	CMPC-3450	Database Systems	4(3-1)
	CMPC-4542	Information Security	3(3-0)
	ITSC-3143	Design & Analysis of Algorithm	3(3-0)
	ITCC-4511	System and Network Administration	4(3-1)
	ITEC-4544	Cloud Computing	3(3-0)
			Total 17(15-2)

Semester-2			
	ITCC-3548	Web Technologies	3(3-0)
	BUSB-2732	Human Resource Management	3(3-0)
	ITEC-3541	Network Design & Management	3(3-0)
	ITEC-4442	Data Mining	3(3-0)
	ENGL-2413	Technical & Business Writing	3(3-0)
	ITCC-3540	Wireless Technologies	3(3-0)
			Total 18(18-0)

Semester-3			
	ITCC-4545	Virtual Systems and Services	4(3-1)
	CMPC-4970	Final Year Project – I	3(0-3)
	ITCC-4544	IT Infrastructure	3(3-0)
	ITEC-4569	Routing & Switching	3(3-0)
	ITSC-4340	UI/ UX Web Designing	3(2-1)
	ITEC-3810	Artificial Intelligence	3(3-0)
			Total 19(14-5)

Semester-4			
	CMPC-4971	Final Year Project – II	3(0-3)
	ITCC-4543	Cyber Security	3(3-0)
	ITEC-4546	Internet of Everything	3(3-0)
	ITCC-4450	Database administration & Management	4(3-1)
	ITSC-3431	Technology Management	3(3-0)
	URCC-1010	Citizenship	0(0-0)
			Total 16(12-4)

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Pre-req.	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)
			Total 9(9-0)

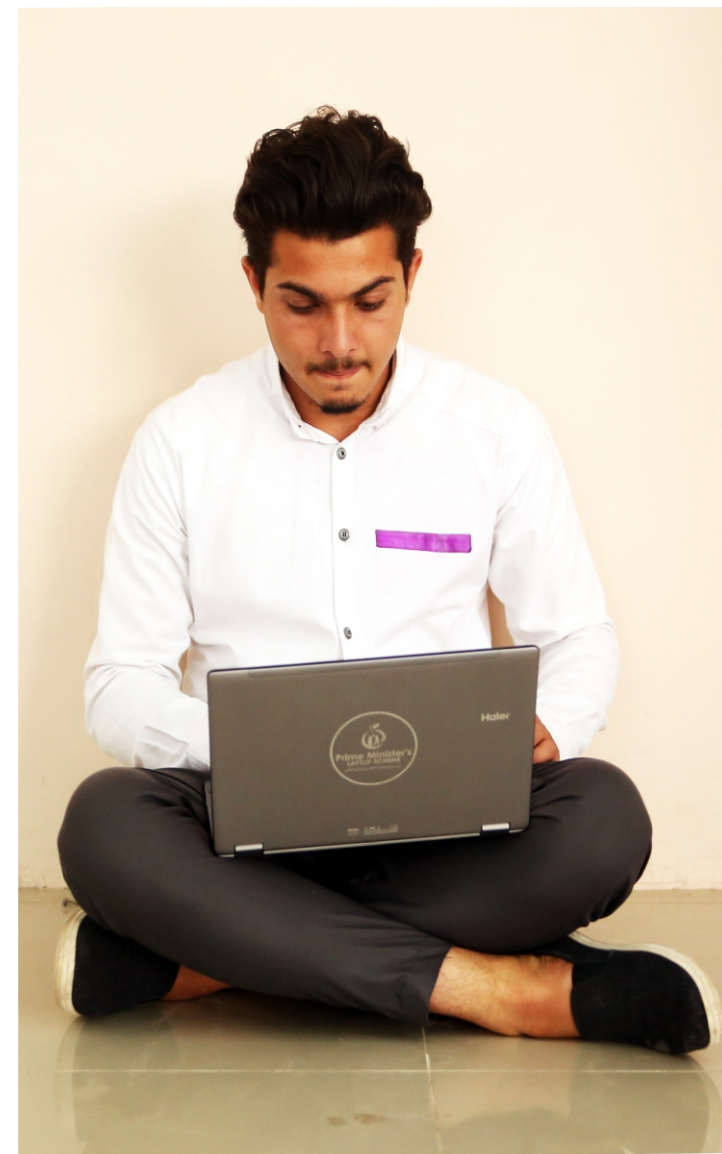
Semester-2			
	ITCC-704	Advanced Database Management System	3(3-0)
		Advanced Software Project Management	3(3-0)
		Elective-II	3(3-0)
			Total 9(9-0)

Semester-3			
	ITCC-700	Thesis-I	3(0-3)
		Elective III	3(3-0)

		Elective IV	3(3-0)
			Total 9(6-3)

Semester-4			
	ITCC-700	Thesis -II	3(0-3)

* Scheme of studies is subject to revision according to the HEC New Graduate Policy.



DEPARTMENT OF SOFTWARE ENGINEERING

FACULTY

Abid Rafiq
Assistant Professor

Saud Bin Tahir
Assistant Professor

Qaisra Ramzan
Lecturer

Dr. Muhammad Ramzan
Lecturer

Muhammad Iqbal
Lecturer

Farhana Sharif
Lecturer

Naveed Ahmad
Lecturer



Dr. Sumair Raza
Associate Professor / Chairperson

Contact

✉ chairman.se@uos.edu.pk
☎ 048-9230811 - 15
📍 New Academic Block

BS in Software Engineering

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. A-Levels (with of the contribution of I / II / III and equivalence by IBCC) with at least 50% obtained marks

Duration: 4 Years

Semesters: 8

Degree Requirements: 124-140 Credit Hours

Pre-req.	Code	Course Title	C/Hr.
Semester-1			
	ICTC-101	Introduction to ICT	3(2-1)
	CMPC-101	Programming Fundamentals	4(3-1)
	ENGL-101	English Composition & Comprehension	3(3-0)
	MATH-101	Calculus & Analytical Geometry	3(3-0)
	PKST-101	Pakistan Studies	2(2-0)
	PHYS-101	Applied Physics	3(3-0)
			Total 18(16-2)
Semester-2			
	CMPC-102	Object Oriented Programming	4(3-1)
	ENGL-102	Communication & Presentation Skills	3(3-0)

CMPC-106	Discrete Structures	3(3-0)
CMPC-104	Software Engineering	3(3-0)
ISLS-102	Islamic Studies	2(2-0)
xxxx-2xx	University Elective-I	3(3-0)
		Total 18(17-1)

Semester-3

CMPC-201	Data Structures & Algorithms	4(3-1)
SECC-201	Software Requirement Engineering	3(3-0)
SECC-205	Human Computer Interaction	3(3-0)
MATH-201	Linear Algebra	3(3-0)
xxxx-2xx	University Elective-II	3(3-0)
		Total 16(15-1)

Semester-4

CMPC-202	Operating Systems	4(3-1)
CMPC-204	Database Systems	4(3-1)
SECC-202	Software Design and Architecture	3(2-1)
STAT-202	Probability and Statistics	3(3-0)
xxxx-2xx	University Elective-III	3(3-0)
		Total 17(14-3)

Semester-5

SECC-301	Software Construction & Development	3(2-1)
CMPC-301	Computer Networks	4(3-1)
ENGL-301	Technical and Business Writing	3(3-0)
SESC-3xx	SE Supporting-I	3(3-0)
SESC-3xx	SE Supporting-II	3(3-0)
		Total 16(14-2)

Semester-6		
SECC-302	Software Quality Engineering	3(3-0)
CMPC-302	Information Security	3(3-0)
SESC-306	Professional Practice	3(3-0)
SECC-304	Web Engineering	3(3-0)
SEEC-3xx	SE Elective-I	3(3-0)
SESC-3xx	SE Supporting-III	3(3-0)
Total 18(18-0)		

Semester-7		
SECC-401	Software Project Management	3(3-0)
SECC-403	Software Re-Engineering	3(3-0)
SEEC-4xx	SE Elective-II	3(3-0)
SEEC-4xx	SE Elective-III	3(3-0)
CMPC-401	Final Year Project I	3(0-3)
Total 15(12-3)		

Semester-8		
SEEC-4xx	SE Elective-IV	3(3-0)
SEEC-4xx	SE Elective-V	3(3-0)
CMPC-402	Final Year Project II	3(0-3)
xxxx-4xx	University Elective-IV	3(3-0)
Total 12(9-3)		

* These courses will be offered from list available in Department according to the availability of resources.

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Pre-req.	Code	Course Title	C/Hr.
Semester-1			
	SECC-701	Advanced Requirements Engineering	3(3-0)
	SECC-703	Advanced Software System Architecture	3(3-0)
		Elective-I	3(3-0)
Total 9(9-0)			

Semester-2		
SECC-702	Software Testing and Quality Assurance	3(3-0)
SECC-704	Advanced Software Project Management	3(3-0)
	Elective-II	3(3-0)
Total 9(9-0)		

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)

* Scheme of studies is subject to revision according to the HEC New Graduate Policy.



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 MECHANICAL, INDUSTRIAL & ENERGY SYSTEMS



Engr. Dr. Muhammad Haris Aziz

Associate Professor / Chairperson/
Principal, College of Engineering and Technology

Contact

✉ mechanical.cet@uos.edu.pk

📍 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

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 UET (ECAT 2024), NUST, NED, ETA, MUE, NTS.

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-5118	Functional English	2(2-0)
MATH-112	Calculus and Analytical Geometry	3(3-0)
Phy-113	Applied Physics	3(3-0)
Chem-114	Applied Chemistry	2(2-0)
ME-115	Engineering Drawing and Graphics	2(2-0)
ME-116	Engineering Drawing and Graphics Lab	1(0-1)
ME-117	Introduction to Engineering	2(2-0)
CE-118	Computer System & Programming	1(1-0)
CE-119	Computer System & Programming (Lab)	1(0-1)
Total 17(15-2)		
Semester-2		
MATH-121	Differential Equation and Transform	3(3-0)
ENG-122	Communication Skills	2(2-0)
EE-123	Electrical & Electronics Engineering	3(3-0)
EE-124	Electrical & Electronics Engineering Lab	1(0-1)
ME-125	Workshop Practice (Lab)	2(0-2)
ME-126	Engineering Mechanics-I: Statics	3(3-0)

ME-127	Engineering Materials	3(3-0)
URCG-5127	Seerat of The Holy Prophet (SAW)	1(1-0)
URCG-5111	Translation of The Holy Quran	Non Credit
Total 18(15-3)		

Semester-3

URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
SOC-212	Social Science (Elective)	2(2-0)
ENG-213	Technical Report Writing and Presentation Skills	3(3-0)
ME-214	Engineering Mechanics-II: Dynamics	3(3-0)
ME-215	Engineering Mechanics- Lab	1(0-1)
ME-216	Mechanics of Materials-I	3(3-0)
ME-217	Thermodynamics-I	3(3-0)
Total 17(16-1)		

Semester-4

MATH-221	Numerical Methods for Engineers	3(3-0)
ME-222	Thermodynamics-II	3(3-0)
ME-223	Thermodynamics (Lab)	1(0-1)
ME-224	Machine Design & CAD-I	3(3-0)
ME-225	Machine Design & CAD-I (Lab)	1(0-1)
ME-226	Mechanics of Materials-II	3(3-0)
ME-227	Mechanics of Materials-(Lab)	1(0-1)
ME-228	Fluid Mechanics-I	3(3-0)
URCG-5111	Translation of The Holy Quran	Non Credit
Total 18(15-3)		

Semester-5

ME-311	Fluid Mechanics-II	3(3-0)
ME-312	Fluid Mechanics Lab	1(0-1)
ME-313	Semester Design Project	1(0-1)
ME-314	Machine Design & CAD-II	2(2-0)
ME-315	Machine Design & CAD-II (Lab)	1(0-1)

URCG-5105	Islamic Studies/Ethics	2(2-0)
ME-317	Heat and Mass Transfer	3(3-0)
ME-318	Heat and Mass Transfer (Lab)	1(0-1)
ME-319	Manufacturing Processes	3(3-0)
ME-320	Manufacturing Processes (Lab)	1(0-1)

Total 18(13-5)

Semester-6

ECOM-321	Engineering Economics	3(3-0)
STAT-322	Engineering Statistics	3(3-0)
ME-323	Instrumentation and Measurement	3(3-0)
ME-324	Instrumentation and Measurement (Lab)	1(0-1)
ME-325	Heating, Ventilating and Air Conditioning	3(3-0)
ME-326	Heating, Ventilating and Air Conditioning (Lab)	1(0-1)
ME-327	Semester Design project	1(0-1)
ME-328	Mechanics of Machines	3(3-0)

URCG-5111	Translation of The Holy Quran	Non Credit
-----------	-------------------------------	------------

Total 18(15-3)

Semester-7

ME-3XX	Supervised Internship	Qualifying (Equal to 3 Cr hrs)
--------	-----------------------	--------------------------------

Semester-7

ME-411	Production Planning & Control	2(2-0)
ME-412	Health safety and industrial Environment	2(2-0)
ME-413	Mechanical Vibrations	3(3-0)
ME-414	Internal Combustion Engines	3(3-0)
ME-415	Technical Elective-I	3(3-0)
ME-416	Senior Design Project-I	3(0-3)
ME-417	Mechanism and Mechanical Vibration(Lab)	1(0-1)

Total 17(13-4)

Semester-8

ME-421	Introduction to Finite Element Analysis2(2-0)	2(2-0)
ME-422	Technical Elective-II	2(2-0)
MS-423	Entrepreneurship	3(3-0)
ME-424	Power Plants	3(3-0)
ME-425	I .C Engines & Power Plants Lab	3(3-0)
ME-426	Senior Design Project-II	3(0-3)
URCG-5123	Applications of information communication Technologies (ICT)	1(0-1)

URCG-5111	Translation of The Holy Quran	Non Credit
-----------	-------------------------------	------------

Total 17(13-4)

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
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
** Change of degree title is subject to approval from relevant bodies*

Code	Course Title	C/Hr.
------	--------------	-------

Semester-1

MEH-1111	Islamic Studies/Professional Ethics	2
MEN-1112	Applied Physics	2
MEN-1122	Applied Physics Lab	1
MEN-1113	Applied Mathematics	3
MEN-1114	Applied Chemistry	2
MEN-1124	Applied Chemistry Lab	1
MEC-1115	Computer Fundamentals	1
MEC-1125	Computer Fundamentals Lab	1
MET-1116	Workshop Technology	1
MET-1126	Workshop Technology Lab	2

Total 16

Semester-2

MEH-1211	Pakistan Studies	2
MEM-1212	Intro. to Industrial Management	2
URCG-5127	Seerat of the Holy Prophet (SAW)	1
URCG-5111	Translation of Holy Quran	NC
MEC-1213	Information and Communication Technologies	3
MET-1214	Technical Drawing and Graphics	1
MET-1224	Technical Drawing and Graphics Lab	2
MET-1215	Applied Mechanics	2
MET-1225	Applied Mechanics Lab	1
MET-1216	Basic Electrical & Electronics	2
MET-1226	Basic Electrical & Electronics Lab	1

Semester-3

MEH-2111	Communication Skills	2
MEC-2112	Computer Programming	1

Total 17

MEC-2122	Computer Programming Lab	2
MET-2123	Computer Aided Drafting and Modeling Lab	2
MET-2114	Material Science and Composites	3
MET-2115	Mechanics of Material	3
MET-2125	Mechanics of Material Lab	1
MET-2116	Applied Thermodynamics	3
MET-2126	Applied Thermodynamics Lab	1

Total 18

Semester-4

MEH-2211	Functional English	1
MEH-2221	Functional English Lab	1
MEH-2212	Entrepreneurship	2
MEH-2222	Entrepreneurship Lab	1
MEN-2214	Statistical Methods and Applications	3
URCG-5111	Translation of Holy Quran	Non Credit
MET-2215	Machine Design	3
MET-2216	Fluid Mechanics and Hydraulic machines	3
MET-2226	Fluid Mechanics and Hydraulic machines Lab	1
MET-2217	Occupational Safety and Health	2

Total 17

Semester-5

MEH-3111	Economics	2
MEM-3112	Project Management	2
MEM-3122	Project Management Lab	1
URCG-5111	Translation of Holy Quran	0
MET-3113	Heat and Mass Transfer	2
MET-3123	Heat and Mass Transfer Lab	1
MET-3114	Energy and Power Technologies	2
MET-3124	Energy and Power Technologies Lab	1
MET-3115	Manufacturing Processes	2
MET-3125	Manufacturing Processes Lab	1
MET-3126	Application of IOT in Mechanical Field	1
MET-3127	Project-I	3

Total 18

Semester-6

MEM-3214	Total Quality Management	2
MEM-3224	Total Quality Management Lab	1

URCG-5111	Translation of Holy Quran	0
MET-3211	Instrumentation and Control	2
MET-3221	Instrumentation and Control Lab	1
MET-3212	Mechanical Vibration	2
MET-3222	Mechanical Vibration Lab	1
MET-3213	HVAC Technologies	2
MET-3223	HVAC Technologies Lab	1
MET-3224	Finite Element Analysis	2
MET-3225	Project-II	3

Total 17

Semester-7

MET- 4121	16 Weeks Supervised Industrial/ Field Training (8x5=40 Hrs / Week)	16
-----------	--	----

Semester-8

MET- 4121	16 Weeks Supervised Industrial/ Field Training (8x5=40 Hrs / Week)	16
-----------	--	----

MSc Mechanical Engineering

Eligibility: At 2.5/4.0 CGPA in

·BS/BE/BSc Mechanical, Mechatronics, Industrial, Aeronautical, Energy, Agriculture Engineering/ 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	= 24
Minimum Credit Hours of Thesis	= 06
Total	= 30

II. Course work Track:

Minimum credit hours of course work	= 24
Minimum credit hours of courses in lieu of thesis	= 06
Total	= 30

Code	Course Title	C/Hr.
------	--------------	-------

List of Core Courses

ME-501	Research Methodology & Design of Experiments	3(3-0)
ME-502	Advanced Project Management	3(3-0)
ME-503	Advanced Manufacturing Systems	3(3-0)
ME-504	Advanced Engineering Materials	3(3-0)
ME-500	Thesis	6(0-6)

List of Elective Courses

ME-505	Advanced Solid Mechanics	3(3-0)
ME-506	Advanced Stress	3(3-0)

ME-507	Theory of Plates and Shells	3(3-0)
ME-508	Fracture Mechanics	3(3-0)
ME-509	Corrosion Engineering	3(3-0)
ME-510	Advanced Manufacturing Processes	3(3-0)
ME-511	Design Optimization and Analysis	3(3-0)
ME-512	Operations Research and Management	3(3-0)
ME-513	Experimental Mechanics	3(3-0)
ME-514	Reliability and Quality Engineering	3(3-0)
ME-515	Continuum Mechanics	3(3-0)
ME-516	Advanced Product Design	3(3-0)
ME-517	Tribology	3(3-0)
ME-518	Maintenance Engineering	3(3-0)
ME-519	Advanced Numerical Analysis	3(3-0)
ME-520	Advanced Measurements and Instrumentation	3(3-0)
ME-521	Advanced Mechanical Vibrations	3(3-0)
ME-522	Advanced Fatigue Fracture Analysis	3(3-0)
ME-523	Additive Manufacturing	3(3-0)
ME-524	Advanced Topics in Mechanical Engineering	3(3-0)

ME-525	Production Planning and Control	3(3-0)
ME-526	Manufacturing System Analysis	3(3-0)
ME-527	CAD/CAM	3(3-0)
ME-528	Theory of Elasticity	3(3-0)
ME-529	Theory of Plasticity	3(3-0)
ME-530	CIM & Industry 4.0	3(3-0)
ME-531	Advanced Finite Element Analysis	3(3-0)
ME-532	Total Quality Management	3(3-0)
ME-533	Modeling & Simulation	3(3-0)
ME-534	Energy Management	3(3-0)
ME-535	Engineering Economics	3(3-0)
ME-536	Total Preventive Maintenance	3(3-0)
ME-537	Advanced Thermodynamics	3(3-0)
ME-538	IC Engines	3(3-0)
ME-539	Metrology and Quality Assurance	3(3-0)
ME-540	Advanced Heat & Mass Transfer	3(3-0)
ME-541	Advanced Power Plants	3(3-0)

Note: Scheme of Studies of MSc program is subject to revision according to HEC Graduate Education Policy 2023.



MISSION OF THE DEPARTMENT MECHANICAL, INDUSTRIAL & ENERGY SYSTEMS

To provide the students, fundamental mechanical, industrial and energy systems related knowledge, skills and professional experience by imparting high quality education for life-long career and to lead in industry.

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 establish life-long learning and innovation managing projects involving multifaceted Mechanical technology problems

PEO-3: The graduates will engage in continuous professional growth both individually and in a team with commitment for economic development with environmental and ethical responsibilities

PROGRAM LEARNING OUTCOMES (PLOs/GAs) FOR MECHANICAL 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.

PLO 1: Engineering Knowledge: An ability to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PLO 2: Problem Analysis: An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

PLO 3: Design^{DEMO}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.

PLO 4: Investigation: An ability to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.

PLO 5: Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.

PLO 6: The Engineer and Society: An ability to apply reasoning informed by contextual

knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.

PLO 7: Environment and Sustainability: An ability to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

PLO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PLO 9: Individual and Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and ^{DEMO}or multidisciplinary settings.

PLO 10: Communication: An ability to communicate effectively, orally as well as in writing, 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, make effective presentations, and give and receive clear instructions.

PLO 11: Project Management: Ability to demonstrate management skills and apply engineering principles to one's own work, as a member and ^{DEMO}or leader in a team, to manage projects in a multidisciplinary environment.

PLO 12: Lifelong Learning: An ability to recognize the need for, and have the preparation and ability to engage in, independent and life-long learning in the broadest context of technological change.

DEPARTMENT OF ELECTRICAL, ELECTRONICS & COMPUTER SYSTEMS



Engr. Dr. Muhammad Saeed Khan
Associate Professor / Chairperson

Contact

✉ electrical.cet@uos.edu.pk

📍 Electrical Block, Allama Iqbal Campus

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 (on study leave)

Dr. Waseem Aslam
Assistant Professor

Engr. Dr. Imran Khan
Assistant Professor

Engr. Erum Rehman
Lecturer

Engr. Muhammad Imran
Lecturer

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 UET (ECAT 2024), NUST, NED, ETA, MUE, NTS.

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-5122	Translation of Holy Quran	Non Credit
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 18(13-3)

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)
Total 18(14-4)		

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-8

URCG-5420	Entrepreneurship	2(2-0)
URCG-5421	Translation of Holy Quran	0(0-0)
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
** Change of degree title is subject to approval from relevant bodies*

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-5111	Translation of Holy Quran 1	0(0-0)
Total 17(13-4)		

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-5111	Translation of Holy Quran 2	0(0-0)
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 17(12-5)		

Semester-5

URCG-5124	Entrepreneurship	2(2-0)
URCG-5111	Translation of Holy Quran 3	0(0-0)
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)
URCG-5111	Translation of Holy Quran 4	0(0-0)
HU3201	Technical Report Writing	2(2-0)
ET3202	Electrical Power Transmission and Distribution	3(3-0)
ET3203	Electrical Power Transmission and Distribution Lab1	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 30 credit hours

Code	Course Title	C/Hr.
Semester 1		
EE-7xxx	Core-I	
EE-7xxx	Core-II	
EE-7xxx	Elective-I	
Semester 2		
EE-7xxx	Core-III	
EE-7xxx	Core-IV	
EE-7xxx	Elective-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-6101	Nano-electronic Devices	3
EE-8102	Nano Fabrication and Characterization	3
EE-7103	Optoelectronic Devices & Materials	3
EE-8104	Advanced VLSI System Design	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 ComputingI)		
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

Note: Scheme of Studies of MSc program is subject to revision according to HEC Graduate Education Policy 2023.

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.

ELECTRICAL ENGINEERING PROGRAM EDUCATIONAL OBJECTIVES

- PEO-1: Competent in Electrical Engineering discipline to meet organizational and industrial needs.
- PEO-2: Professionally sound in project management and exhibit good leadership and entrepreneurial skills.
- PEO-3: Understand the importance of lifelong learning and ethics towards the society.

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.

PLO 1: Engineering Knowledge: An ability to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PLO 2: Problem Analysis: An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

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.

PLO 4: Investigation: An ability to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.

PLO 5: Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.

PLO 6: The Engineer and Society: An ability to apply reasoning

informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.

PLO 7: Environment and Sustainability: An ability to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

PLO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PLO 9: Individual and Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and ^{DEMO} or multidisciplinary settings.

PLO 10: Communication: An ability to communicate effectively, orally as well as in writing, 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, make effective presentations, and give and receive clear instructions.

PLO 11: Project Management: Ability to demonstrate management skills and apply engineering principles to one's own work, as a member and ^{DEMO} or leader in a team, to manage projects in a multidisciplinary environment.

PLO 12: Lifelong Learning: An ability to recognize the need for, and have the preparation and ability to engage in, independent and life-long learning in the broadest context of technological change.



DEPARTMENT OF CIVIL, ENVIRONMENT & TRANSPORTATION SYSTEMS



Engr. Dr Malik Muneeb Abid
Associate Professor / Chairperson

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

Engr. Aqeel Ahmad
Lecturer

Engr. Aisha Butt
Lecturer

Bachelor of Engineering Technology (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

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

* Change of degree title is subject to approval from relevant bodies

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	Civ. Eng. Drawing, Drafting and Inter.	2(2-0)
CET-1141	Civ. Eng. Drawing, Drafting and Inter. Lab	1(0-1)
ICT-1150	Application of Info. Com. Technologies (ICT)	2(2-0)
ICT-1151	Application of Info. Com. Tech. (ICT) Lab	1(0-1)
URCG-5118	Functional English	3(3-0)
Total 18(14-4)		
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	2(2-0)
URCG-5126	Religious Education/Ethics	

NSC-1250	Applied Mathematics II	3(3-0)
NSC-1260	Applied Chemistry	2(2-0)
NSC-1261	Applied Chemistry Lab	1(0-1)
URCG-5111	Translation of the Holy Quran-I	Non Credit
Total 18(14-4)		

Semester-3

CET-2110	Evolution of Architecture and Engineering	2(2-0)
CET-2120	Professional Ethics for Civil Engineering Tech.	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)

Total 16(13-3)

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	Tech. & Scientific Writing for Technologists	3(3-0)
CET-2260	Engineering Economics	3(3-0)
URCG-5111	Translation of the Holy Quran-II	Non Credit
Total 18(14-4)		

Semester-5		
CET-3110	Hydrology	1(1-0)
CET-3111	Hydrology Lab	1(0-1)
CET-3120	Reinforced and Prestressed Concrete	1(1-0)
CET-3121	Reinforced and Prestressed Concrete Lab	1(0-1)
CET-3130	Construction Equipment and Jobsite Practices	2(2-0)
CET-3131	Construction Equipment & Jobsite Practices Lab	1(0-1)
CET-3140	Comp. Aided Drawing & Building Info. Modeling	1(1-0)
CET-3141	CAD and Building Information Modeling 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)
URCG-5111	Translation of the Holy Quran-III	Non Credit
		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)
URCG-5111	Translation of the Holy Quran-IV	Non Credit
		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

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

PEOs FOR B.E. TECH (CIVIL)

PEO 1: Apply technical knowledge to solve problems emphasizing societal and environmental ethics.

PEO 2: Achieve Proficiency in communication, leadership, and teamwork in multidisciplinary environments.

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

PROGRAM LEARNING OUTCOMES (PLOs) FOR ENGINEERING TECHNOLOGY (CIVIL, ELECTRICAL, MECHANICAL)

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.

PLO 1. Engineering Technology Knowledge: 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.

PLO 2. Problem Analysis: 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.

PLO 3. Design/Development of Solutions: 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.

PLO 4. Investigation: 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.

PLO 5. Modern Tool Usage: 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.

PLO 6. The Engineering Technologist and Society: 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.

PLO 7. Environment and Sustainability: 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.

PLO 8. Ethics: Understand and commit to professional ethics and responsibilities and norms of Engineering Technology practice.

PLO 9. Individual and Team Work: An ability to Function effectively as an individual, and as a member or leader in diverse teams.

PLO 10. Communication: 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.

PLO 11. Project Management: 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.

PLO 12. Lifelong Learning : 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

Phone: 048-9232015
Email: dean.medical@uos.edu.pk

List of Departments

- 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.

DEPARTMENT OF ALLIED HEALTH SCIENCES



Dr Muhammad Mustafa Qamar
Assistant Professor / Incharge

Contact

✉ ahs.smc@uos.edu.pk
☎ 048-9232015
📍 Faisalabad Road, Sargodha

FACULTY

Dr. Akhtar Rasul
Assistant Professor

Dr. Hafiz Abdul Munem
Assistant Professor

Dr. Muhammad Ramzan
Assistant Professor

Dr. Mohsana Tariq
Lecturer

Dr. Ayesha Basharat
Lecturer

Faiqa Chaudhry
Lecturer/Demonstrator

Dr. Muhammad Ali Ur Rasheed
Lecturer

Dr. Malik Muhammad Atif
Lecturer

Dr. Farjad Afzal
Lecturer

Dr. Asif Islam
Lecturer

Dr. Kanwal Fatima
Lecturer

Dr. Waqas Ahmad
Lecturer

Dr. Iqra Nadeem
Lecturer/Demonstrator

Dr. Muhammad Riaz
Lecturer/Demonstrator

Junaid Akhtar
Lecturer/Demonstrator

Ghulam Rasool
Lecturer/Demonstrator

Dr. Muhammad Umar Farooq
Lecturer/Demonstrator

Dr. Farah Naz Akbar
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

* Conversion from Annual System to Semester is subject to approval from relevant bodies

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)
Total 18(14-4)		
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 in lieu of Islamic Studies only for non-Muslim students	
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5127	Seerat of Holy Prophet (SAW)	1(1-0)
Total 18(15-3)		
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(3-0)
DPTH-5111	Health and Wellness	2(2-0)
URCG-5121	Quantitative Reasoning	3(3-0)
		Total 17(14-3)

Semester-4

DPTH-5112	Anatomy-IV (Neuro Anatomy)	3(2-1)
DPTH-5113	Biomechanics & Ergonomics-ii	3(2-1)
DPTH-5114	Behavioral Sciences (Psychology & Ethics)	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 17(15-2)

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 17(11-6)

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 Diagnosis	3(3-0)
DPTH-6135	Supervised Clinical Practice III	3(0-3)

Total 18(13-5)**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 Health 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	Integumentary 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 Physical Therapy	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** Subject to approval from relevant bodies*

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)

Total 18(14-4)**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 /	2(2-0)

Ethics in lieu Of Islamic Studies

only for Non-muslim students

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)

Total 17(13-4)**Semester-4**

MDLT-5212	Haematology-i	3(2-1)
MDLT-5213	Clinical Bacteriology	3(2-1)
MDLT-5214	Immunology And Serology	3(2-1)

MDLT-5215	Behavioral Sciences (Psychology & Ethics)	2(2-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5121	Tools For Quantitative Reasoning	3(3-0)
MDLT-5216	Professional Practice	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 and 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	3(2-1)
MDLT-6233	Research Methodology & Scientific Inquiry	2(2-0)
MDLT-6234	Clinical Lab Practice III	3(0-3)

Total 17(10-7)**Semester-8**

MDLT-6235	Clinical Laboratory Management and 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

* Subject to approval from relevant bodies

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)
		Total 18(14-4)
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 in lieu Of Islamic Studies only for Non-muslim students	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
URCG-5127	Seerat of Holy Prophet (SAW)	Non Credit
		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	2(2-0)
RGIT-5310	Molecular Biology & Genetics	3(3-0)
RGIT-5311	Health and Wellness	2(2-0)
URCG-5121	Quantitative Reasoning	3(3-0)
		Total 17(14-4)
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	2(2-0)

RGIT-5315	Behavioral Sciences (Psychology & Ethics)	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 17(14-3)

Third Professional Year: Semester-5

RGIT-6317	Pathology & Microbiology I	2(2-0)
RGIT-6318	Pharmacology & Therapeutics I	2(2-0)
RGIT-6319	Radiological 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 16(10-6)

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 Health Care	2(2-0)
RGIT-6340	Research / Capstone Project	6(0-6)
		Total 18(11-7)



FACULTY OF PHARMACY



Prof. Dr. Muhammad Usman Minhas

Dean, Faculty of Pharmacy

Phone: 048-9230217,

048-9230811-15 Ext. 316

Email: dean.pharmacy@uos.edu.pk

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

Contact

✉ principal.pharmacy@uos.edu.pk
☎ 048-9230782 , 048-9230811 - 15 Ext 316, 317
📍 Al-Razi Block

FACULTY

Dr. Shahid Rasool Professor	Dr. Safirah Maheen Lecturer
Dr. Saeed-ur-Rashid Nazir Professor	Dr. Mulazim Hussain Asim Lecturer
Dr Saira Azhar Associate Professor (on leave)	Dr. M. Rouf Akram Lecturer
Kamran Assistant Professor	Dr. Hafeez Ullah Khan Lecturer
Dr. M. Naeem Qaisar Assistant Professor	Aqeel Aslam Lecturer (on leave)
Dr. Hafiz Muhammad Irfan Assistant Professor	Dr. Hafiz Rashid Hussain Lecturer
Iftikhar Afzal Assistant Professor (on leave)	Dr. Noreen Khalid Lecturer
Dr. Muhammad Zubair Malik Assistant Professor	Ayesha Shamim Lecturer
Dr. Abdul Malik Assistant Professor	Mamoona Dar Lecturer
Dr Alia Erum Assistant Professor	Dr. Taseer Ahmad Lecturer (on leave)
Dr. Kamran Bashir Assistant Professor	Dr. Nayab Tahir Lecturer (on leave)
Dr. Rai Muhammad Sarfraz Lecturer	Dr. Haseeb Ahsan Lecturer (on leave)
Dr Ume Ruqia Tulain Lecturer	Dr. M. Tahir Haseeb Lecturer
Dr. Shazia Akram Lecturer	Dr. Ambreen Malik Uttra 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		
URCE-5101	English-I (Functional English) [T]	2(2-0)
PHRM-5101	Pharmaceutics-I (Physical Pharmacy-I) [T]	3(3-0)
PHRM-5102	Pharmaceutics-I (Physical Pharmacy-I) [P]	1(0-1)
PHRM-5103	Pharmaceutical Chemistry-I (Organic-I) [T]	3(3-0)
PHRM-5104	Pharmaceutical Chemistry-I (Organic-I) [P]	1(0-1)
PHRM-5105	Pharmaceutical Chemistry-II A (Biochemistry-I) [T]	3(3-0)
PHRM-5106	Pharmaceutical Chemistry-II A (Biochemistry-I) [P]	1(0-1)
PHRM-5107	Physiology-A [T]	3(3-0)
PHRM-5108	Physiology-A [P]	1(0-1)
PHRM-5109	Anatomy & Histology [T]	3(3-0)
PHRM-5110	Anatomy & Histology [P]	1(0-1)
Total 22(17-5)		
Semester-2		
URCE-5102	English-II (Communi. & Writing Skills) [T]	4(4-0)
PHRM-5111	Pharmaceutics-I B (Physical Pharmacy-II) [T]	3(3-0)
PHRM-5112	Pharmaceutics-I B (Physical Pharmacy-II) [P]	1(0-1)
PHRM-5113	Pharmaceutical Chemistry-I B (Organic-II) [T]	3(3-0)
PHRM-5114	Pharmaceutical Chemistry-I B (Organic-II) [P]	1(0-1)

PHRM-5115	Pharmaceutical Chemistry-I B (Biochemistry-II) [T]	3(3-0)
PHRM-5116	Pharmaceutical Chemistry-I B (Biochemistry-II) [P]	1(0-1)
PHRM-5117	Physiology-B [T]	3(3-0)
PHRM-5118	Physiology-B [P]	1(0-1)
		Total 20(16-4)

Semester-3

URCI-5105	Islamic Studies	3(3-0)
PHRM-5119	Pharmaceutics-II A (Dosage Form Science-I) [T]	3(3-0)
PHRM-5120	Pharmaceutics-II A (Dosage Form Science-I) [P]	1(0-1)
PHRM-5121	Pharmaceutics-III (Pharmaceutical Mic. & Immu.-I) [T]	3(3-0)
PHRM-5122	Pharmaceutics-II (Pharmaceutical Mic. & Immu.-I) [P]	1(0-1)
PHRM-5123	Pharmacology & Therapeutics-I A [T]	3(3-0)
PHRM-5124	Pharmacology & Therapeutics-I A [P]	1(0-1)
PHRM-5125	Pharmacognosy-I A (Basic-I) [T]	3(0-3)
PHRM-5126	Pharmacognosy-I A (Basic-I) [P]	1(0-1)
PHRM-5127	Pharmacy Practice-I A (Pharmaceutical Mathematics)	3(3-0)
		Total 22(18-4)

Semester-4

URCP- 5106	Pakistan Studies [T]	2(2-0)
PHRM-5128	Pharmaceutics-II B (Dosage Form Science-II) [T]	3(3-0)
PHRM-5129	Pharmaceutics-II B (Dosage Form Science-II) [P]	1(0-1)
PHRM-5130	Pharmaceutics-III B (Pharma. Mic. & Immun.-II) [T]	3(3-0)
PHRM-5131	Pharmaceutics-III B (Pharma. Mic. & Immun.-II) [P]	1(0-1)
PHRM-5132	Pharmacology & Therapeutics-I B [T]	3(3-0)
PHRM-5133	Pharmacology & Therapeutics-I B [P]	1(0-1)
PHRM-5134	Pharmacognosy-I B (Basic-II) [T]	3(3-0)

PHRM-5135	Pharmacognosy-I B (Basic-II) [P]	1(0-1)
PHRM-5136	Pharmacy Practice-I B (Bio-Statistics)	3(3-0)
Total 21(17-4)		

Semester-5

PHRM-6137	Pharmacy Practice-II A (Dispensing Pharmacy) [T]	3(3-0)
PHRM-6138	Pharmacy Practice-II A (Dispensing Pharmacy) [P]	1(0-1)
PHRM-6139	Pharmaceutical Chemistry-III A (Pharma. Analysis-I) [T]	3(3-0)
PHRM-6140	Pharmaceutical Chemistry-III A (Pharma. Analysis-I) [P]	1(0-1)
PHRM-6141	Pharmacology and Therapeutics-II A [T]	3(3-0)
PHRM-6142	Pharmacology and Therapeutics-II A [P]	1(0-1)
PHRM-6143	Pharmacognosy-II A (Advanced-I) [T]	3(3-0)
PHRM-6144	Pharmacognosy-II A (Advanced-I) [P]	1(0-1)
PHRM-6145	Pathology [T]	3(3-0)
PHRM-6146	Pathology [P]	1(0-1)
Total 20(15-5)		

Semester-6

PHRM-6147	Pharmacy Practice-II B (Community Social & Administrative Pharmacy) [T]	3(3-0)
PHRM-6148	Pharmaceutical Chemistry-III B (Pharmaceutical Analysis-II) [T]	3(3-0)
PHRM-6149	Pharmaceutical Chemistry-III B (Pharmaceutical Analysis-II) [P]	1(0-1)
PHRM-6150	Pharmacology and Therapeutics-II B [T]	3(3-0)
PHRM-6151	Pharmacology and Therapeutics-II B [P]	1(0-1)
PHRM-6152	Pharmacognosy-II B (Advanced-II) [T]	3(3-0)
PHRM-6153	Pharmacognosy-II B (Advanced-II) [P]	1(0-1)
PHRM-6154	Pharmacy Practice-III (Computer and Its Applications in Pharmacy) [T]	3(3-0)
PHRM-6155	Pharmacy Practice-III (Computer and Its Applications in Pharmacy) [P]	1(0-1)
Total 19(15-4)		

Semester-7

PHRM-6156	Pharmacy Practice-IV A (Hospital Pharmacy-I) [T]	3(3-0)
PHRM-6157	Pharmacy Practice-V A (Clinical Pharmacy-I) [T]	3(3-0)
PHRM-6158	Pharmacy Practice-V A (Clinical Pharmacy-I) [P]	1(0-1)
PHRM-6159	Pharmaceutics-IV A (Industrial Pharmacy-I) [T]	3(3-0)
PHRM-6160	Pharmaceutics-IV A (Industrial Pharmacy-I) [P]	1(0-1)

PHRM-6161	Pharmaceutics-V A (BioPharmaceutics & Pharmacokinetics-I) [T]	3(3-0)
-----------	--	--------

PHRM-6162	Pharmaceutics-V A (BioPharmaceutics & Pharmacokinetics-I) [P]	1(0-1)
-----------	--	--------

PHRM-6163	Pharmaceutics-VI A (Pharmaceutical Quality Management-I) [T]	3(3-0)
-----------	---	--------

PHRM-6164	Pharmaceutics-VI A (Pharmaceutical Quality Management-I) [P]	1(0-1)
-----------	---	--------

Total 19(15-4)

Semester-8

PHRM-6165	Pharmacy Practice-IV B (Hospital Pharmacy-II) [T]	3(3-0)
-----------	---	--------

PHRM-6166	Pharmacy Practice-V B (Clinical Pharmacy-II) [T]	3(3-0)
-----------	--	--------

PHRM-6167	Pharmacy Practice-V B (Clinical Pharmacy-II) [P]	1(0-1)
-----------	--	--------

PHRM-6168	Pharmaceutics-IV B (Industrial Pharmacy-II) [T]	3(3-0)
-----------	---	--------

PHRM-6169	Pharmaceutics-IV B (Industrial Pharmacy-II) [P]	1(0-1)
-----------	---	--------

PHRM-6170	Pharmaceutics-V B (BioPharmaceutics & Pharmacokinetics-II) [T]	3(3-0)
-----------	---	--------

PHRM-6171	Pharmaceutics-V B (BioPharmaceutics & Pharmacokinetics-II) [P]	1(0-1)
-----------	---	--------

PHRM-6172	Pharmaceutics-VI B (Pharmaceutical Quality Management-II) [T]	3(3-0)
-----------	--	--------

PHRM-6173	Pharmaceutics-VI B (Pharmaceutical Quality Management-II) [P]	1(0-1)
-----------	--	--------

Total 19(15-4)

Semester-9

PHRM-6174	Pharmaceutics-VII A (Pharmaceutical Technology-I) [T]	3(3-0)
-----------	---	--------

PHRM-6175	Pharmaceutics-VII A (Pharmaceutical Technology-I) [P]	1(0-1)
-----------	---	--------

PHRM-6176	Pharmacy Practice-VI A (Advanced Clinical Pharmacy-II) [T]	3(3-0)
-----------	--	--------

PHRM-6177	Pharmacy Practice-VI A (Advanced Clinical Pharmacy-II) [P]	1(0-1)
-----------	--	--------

PHRM-6178	Pharmacy Practice-VII A (Forensic Pharmacy) [T]	3(3-0)
-----------	---	--------

PHRM-6179	Pharmacy Practice-VIII A (Pharmaceutical Management & Marketing) [T]	3(3-0)
-----------	---	--------

PHRM-6180	Pharmaceutical Chemistry-IV A (Medicinal Chemistry) [T]	3(3-0)
-----------	---	--------

PHRM-6181	Pharmaceutical Chemistry-IV A (Medicinal Chemistry) [P]	1(0-1)
-----------	---	--------

Total 18(15-3)

Semester-10

PHRM-6182	Pharmaceutics-VII B (Pharmaceutical Technology-II) [T]	3(3-0)
-----------	--	--------

PHRM-6183	Pharmaceutics-VII B (Pharmaceutical Technology-II) [P]	1(0-1)
-----------	--	--------

PHRM-6184	Pharmacy Practice-VI B (Advanced Clinical Pharmacy-II) [T]	3(3-0)
-----------	--	--------

PHRM-6185	Pharmacy Practice-VI B (Advanced Clinical Pharmacy-II) [P]	1(0-1)
-----------	--	--------

PHRM-6186	Pharmacy Practice-VII B (Forensic Pharmacy) [T]	3(3-0)
-----------	---	--------

PHRM-6187	Pharmacy Practice-VIII B (Pharmaceutical Management & Marketing) [T]	3(3-0)
-----------	---	--------

PHRM-6188	Pharmaceutical Chemistry-IV B (Medicinal Chemistry-II) [T]	3(3-0)
-----------	--	--------

PHRM-6189	Pharmaceutical Chemistry-IV B (Medicinal Chemistry-II) [P]	1(0-1)
-----------	--	--------

Total 18(15-3)

Note: Practical examination of Pharm-D students shall be conducted through external examiners in association with the internal examiners at the end of each year. External examiners shall be appointed from various universities of Pakistan in the relevant area of subject. External examiners shall evaluate the students by oral/viva voce examination. Appointment, remunerations and TA/DA shall be regulated according to the prescribed university regulations from time to time.

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
------	--------------	-------

Semester-1

PHRM-7301	Pharmacy Practice I - Public Health Pharmacy	3(3-0)
-----------	--	--------

PHRM-7302	Pharmacy Practice II	3(3-0)
-----------	----------------------	--------

Pharmacoepidemiology & Pharmacovigilance

PHRM-7303	Pharmacy Practice III	3(3-0)
-----------	-----------------------	--------

Social and Administrative Pharmacy

PHRM-7304	Pharmacy Practice IV	3(3-0)
-----------	----------------------	--------

Clinical Pharmacy -I

Total 12(12-0)

Semester-2

PHRM-7305	Pharmacy Practice V Clinical Pharmacokinetics	3(3-0)
-----------	---	--------

PHRM-7306	Pharmacy Practice VI	3(3-0)
-----------	----------------------	--------

Clinical Pharmacy -II

PHRM-7307	Research Methods & Project Planning in Pharmacy	3(3-0)
-----------	---	--------

PHRM-7308	Biostatistics for Pharmacy	3(3-0)
-----------	----------------------------	--------

Total 12(12-0)

Semester-3 to 4	PHRM-7309	Research & Thesis
------------------------	-----------	-------------------

MPhil Pharmaceutics

Eligibility: Pharm-D or B-Pharmacy or equivalent (16-yers of education) with at least second division or CGPA 2.00 out 4.00 + 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.
Semester-1		
PHRM-7201	Advanced Pharmaceutics	3(3-0)
PHRM-7202	Adv. Biopharmaceutics & Pharmacokinetics	3(3-0)
PHRM-7203	Drug Delivery Systems	3(3-0)
PHRM-7204	Drug Delivery Systems (Practical)	1(0-1)
PHRM-7205	Pharmaceutical Biostatistics	2(2-0)
Total 12(11-1)		
Semester-2		
PHRM-7206	Molecular Pharmaceutics	3(3-0)
PHRM-7207	Pharmaceutical Analytical Techniques	3(3-0)
PHRM-7208	Pharmaceutical Microbiology & Biotechnology	3(3-0)
PHRM-7209	Research Methodology	3(3-0)
Total 12(12-0)		
Semester-3 to 4		
PHRM-7210	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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PHRM-7401	Drug Design	3(3-0)
PHRM-7402	Drug Stability & Pharmaceutical Analysis	3(3-0)
PHRM-7403	Advanced Pharmaceutical Analysis	3(3-0)
PHRM-7404	Natural Product Chemistry	3(3-0)
Total 12(12-0)		
Semester-2		
PHRM-7405	Advanced Medical Chemistry	3(3-0)
PHRM-7406	Therapeutical Chemistry	3(3-0)
PHRM-7407	Phytichemistry	2(2-0)
PHRM-7408	Biostatistics	2(2-0)
PHRM-7409	Research Methodology	2(2-0)
Total 12(12-0)		
Semester-3 to 4		
PHRM-7111	Research & Thesis	
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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PHRM-7101	Advance General Pharmacology	3(3-0)
PHRM-7102	Advanced Chemotherapy	3(3-0)
PHRM-7103	Advanced Immuno-Pharmacology	3(3-0)
PHRM-7104	Advance Pharmacology Lab	1(0-1)
PHRM-7105	Research Methodology	2(2-0)
Total 12(11-1)		
Semester-2		
PHRM-7106	Safety Pharmacology and Toxicology	3(3-0)
PHRM-7107	Advanced Biochemical and Immunological Tech.	3(3-0)
PHRM-7108	Advanced Neuropharmacology	3(3-0)
PHRM-7109	Biostatistics	3(3-0)
Total 12(12-0)		
Semester-3 to 4		
PHRM-7111	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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
------	--------------	-------

Semester-1

PHRM-8101	Drug Design and Discovery	3(3-0)
-----------	---------------------------	--------

PHRM-8102	Modern Pharmacological Assays	3(3-0)
-----------	-------------------------------	--------

PHRM-8103	Metabolic Disorders and Toxicokinetics	3(3-0)
-----------	--	--------

Total 9(9-0)

Semester-2

PHRM-8104	Experimental Pharmacology	3(3-0)
-----------	---------------------------	--------

PHRM-8105	Ethnopharmacology of Medicinal Plants	3(3-0)
-----------	---------------------------------------	--------

PHRM-8106	Seminar and Special Problem	3(3-0)
-----------	-----------------------------	--------

Total 9(9-0)

Semester-3 to 6

PHRM-8107	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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
------	--------------	-------

Semester-1

PHRM-8201	Advanced Pharmaceutical Technology	3(3-0)
-----------	------------------------------------	--------

PHRM-8202	Dosage Forms Characterization and Evaluation	3(3-0)
-----------	--	--------

PHRM-8203	Advance Pharmacokinetics	3(3-0)
-----------	--------------------------	--------

Total 9(9-0)



Semester-2

PHRM-8204	Pharmaceutical Material Science	3(3-0)
-----------	---------------------------------	--------

PHRM-8205	Pharmaceutical Statistics	3(3-0)
-----------	---------------------------	--------

PHRM-8206	Seminar and Special Problem	3(3-0)
-----------	-----------------------------	--------

Total 9(9-0)

Semester-3 to 6

PHRM-8207	Research & Thesis	
-----------	-------------------	--

Note: Scheme of Studies of all MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

FACULTY OF SCIENCES



Prof. Dr. Amir Ali
Dean, Faculty of Sciences

Phone: 048-9230811-15 Ext. 609
Email: dean.sciences@uos.edu.pk

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

Contact

✉ chemistry@uos.edu.pk
☎ 048-9230546, 048-9230811 - 15 Ext 350, 352
📍 Ibn-e-Sina Block

FACULTY

Dr. Farooq Anwar Professor (on leave)	Dr. Sobia Noreen Lecturer (on Ex-Pakistan Leave)
Dr. Abdul Rauf Raza Professor (Tenured)	Taleeha Roheen Lecturer
Dr. Humaira Yasmeen Gondal Associate Professor (Tenured)	Dr. Muhammad Fayyaz-ur-Rehman Lecturer
Dr. Waseeq Ahmad Siddiqui Associate Professor (Tenured)	Abu Bakar Siddique Lecturer
Dr. Abdul Karim Associate Professor	Muhammad Mustaqeem Lecturer
Dr. Nargis Sultana Assistant Professor	
Dr. Fozia Batool Assistant Professor	
Dr. Tauqeer Ahmad Assistant Professor	
Dr. Bushra Munir Assistant Professor	
Dr. Farhat Nosheen Assistant Professor	
Dr. Muhammad Naeem-ul-Hassan Assistant Professor	
Dr. Iram Hafiz Assistant Professor	
Dr. Muhammad Imran Irfan Assistant Professor	

BS in Chemistry

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

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)
CHEM-5101	Inorganic Chemistry	
CHEM-5102	Basic Mathematics for Chemists	4(3-1)
	(For Pre-Medical HSSC students only)	2(2-0)
CHEM-5103	Biochemistry	4(3-1)
Total 18(15-3)		
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-5111	Translation of Holy Quran	Non Credit
CHEM-5104	Organic Chemistry	4(3-1)
CHEM-5105	Analytical Chemistry	4(3-1)
Total 16(14-2)		
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)

CHEM-5106	Physical Chemistry	4(3-1)
CHEM-5107	Basic Statistics for Chemists	2(2-0)
CHEM-5108	Laboratory Safety Measures	2(2-0)
Total 16(15-1)		

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-5111	Translation of Holy Quran	Non Credit
CHEM-5109	Chemistry Special Topics	4(3-1)
ZOOL-5101 /	Animal Diversity-I (Invertebrates)/	4(3-1)/
PHYS-5101	Mechanics	3(3-0)
Total 15(13-2)		

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)
ZOOL-5102 /	Animal Diversity-II (Chordates) /	4(3-1)/
PHYS-5103	Introduction to Electromagnetism	3(3-0)
Total 16(12-4) / 15(12-3)		

Semester-6

URCG-5111	Translation of Holy Quran	NC
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/	Diversity of Plants /	4(3-1) /
MATH-5102	Techniques of Integration and its Applications	4(4-0)
Total 16(13-3) / 16(12-4)		

Summer Semester

CHEM-6139	Field Experience / Internship	3(3-0)
-----------	-------------------------------	--------

Semester-7		
CHEM-6139	Field Experience / Internship	3(3-0)
CHEM-6107	Industrial Chemistry	3(3-0)
CHEM-6108	Forensic Chemistry	2(2-0)
CHEM-61xx	Major Course of Specialization-I	4(3-1)
CHEM-61xx	Major Course of Specialization-II	3(3-0)
CHEM-61xx	Major Course of Specialization-III	3(3-0)
Total 18(17-1)		

Semester-8		
CHEM-6140	Capstone Project	3(3-0)
URCG-5111	Translation of Holy Quran	Non Credit
CHEM-6124	Environmental Chemistry	3(3-0)
CHEM-61xx	Major Course of Specialization-IV	4(3-1)
CHEM-61xx	Major Course of Specialization-V	3(3-0)
CHEM-61xx	Major Course of Specialization-VI	3(3-0)
Total 16(15-1)		

BS in Biochemistry

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Medical / Equivalent qualification with Chemistry and Biology as major subjects.

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. & Comm. Tech. (ICT)	3(2-1)
BCHM-5101	Amino Acids, Proteins and Nucleic Acids	4(3-1)
BCHM-5102	Carbohydrates and Lipids	4(3-1)
BCHM-5103	Laboratory Biosafety Measures	2(2-0)
Total 18(15-3)		
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-5111	Translation of Holy Quran	NC
BCHM-5104	Enzymes and Vitamins	4(3-1)
BCHM-5105	Basic Molecular Biology	2(2-0)
BCHM-5106	Introduction to Computers in Biochemistry	3(2-1)
Total 17(15-2)		

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)
BCHM-5107	Cell Biology and Genetics	4(3-1)
BCHM-5108	Bioinorganic and Analytical Chemistry	3(3-0)
BCHM-5109	Basic Mathematics for Biochemists	2(2-0)
Total 17(16-1)		

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-5111	Translation of Holy Quran	NC
BCHM-5110	Introduction to Microbiology	4(3-1)
BCHM-5111	Basic Statistics for Biochemists	2(2-0)
BCHM-5112	Cellular Metabolism	4(3-1)
Total 17(14-3)		

Semester-5		
BCHM-6101	Fundamentals of Forensic Sciences	3(3-0)
BCHM-6102	Human Physiology	3(3-0)
BCHM-6103	Enzyme and their Mechanisms	4(3-1)
CHEM-5104	Organic Chemistry	4(3-1)
BOTN-5101	Diversity of Plants	4(3-1)
Total 18(15-3)		

Semester-6		
URCG-5111	Translation of Holy Quran	NC
BCHM-6104	Biotechnology	3(3-0)
BCHM-6105	Introduction to Environmental Sciences	2(2-0)
BCHM-6106	Techniques in Molecular Biology	4(3-1)
CHEM-5105	Analytical Chemistry	4(3-1)
ZOOL-5101	Animal Diversity-I (Invertebrates)	4(3-1)
Total 17(14-3)		

Semester-7		
BCHM-6116	Field Experience / Internship	3(3-0)

BCHM-6107	Genomics and Proteomics	2(2-0)
BCHM-6108	Chemotherapy and Immunology	2(2-0)
BCHM-6109	Bioinformatics	3(2-1)
BCHM-6110	Animal and Plant Tissue Culture	4(3-1)
ZOOL-5102	Animal Diversity-II (Chordates)	4(3-1)
Total 18(15-3)		

Semester-8		
BCHM-6117	Capstone project	3(3-0)
URCG-5111	Translation of Holy Quran	NC
BCHM-6111	Biological membranes & Cell Signaling	3(3-0)
BCHM-6112	Nutritional Biochemistry	4(3-1)
BCHM-6113	Advanced Topics in Molecular Biology	3(3-0)
BCHM-6114	Molecular Virology	2(2-0)
BCHM-6115	Computer Aided Drug Designing	3(2-1)
Total 18(16-2)		

BS in Chemistry (5th Semester Intake)

Eligibility: At least 45% marks in biannual / annual (BSc, ADP) or 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: $8 \times (\% \text{age Marks in annual / semester system}) + 2 \times [\% \text{marks obtained in Chemistry subject(s)}] + 20 \text{ marks for Hafiz-e-Quran (if applicable)}$

Duration: 2 Years

Semesters: 4

Degree Requirements: 66 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
CHEM-6101	Basic Mathematics for Chemists	2(2+0)
CHEM-6102	Analytical Chemistry	4(3+1)
CHEM-6103	Inorganic Chemistry-I	4(3+1)
CHEM-6104	Organic Chemistry-I	4(3+1)
CHEM-6105	Physical Chemistry-I	4(3+1)
Total 18(14-4)		
Semester-2		
CHEM-6106	Basic Statistics for Chemists	2(2+0)
CHEM-6107	Biochemistry	4(3+1)
CHEM-6108	Inorganic Chemistry-II	4(3+1)
CHEM-6109	Organic Chemistry-II	4(3+1)

CHEM-6110	Physical Chemistry-II	4(3+1)
		Total 18(14-4)
Semester-3		
CHEM-6111	Forensic Chemistry	2(2+0)
CHEM-6112	Industrial Chemistry	3(3+0)
CHEM-61xx	Major (Specialization)	3(3+0)
CHEM-61xx	Minor-1 (Specialization)	4(3+1)
CHEM-61xx	Minor-2 (Other specialization)	4(3+1)
		Total 16(14-2)
Semester-4		
CHEM-6129	Environmental Chemistry	3(3+0)
CHEM-61xx	Major (Specialization)	3(3+0)
CHEM-61xx	Minor-1 (Specialization)	4(3+1)
CHEM-61xx	Minor-2 (Other specialization)	4(3+1)
	Quran Translation and tajweed (1 Credit hour)	0(0-0)
		Total 14(12-2)

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Areas of Specializations

1	Analytical & Inorganic Chemistry
2	Biochemistry
3	Organic Chemistry
4	Physical Chemistry
Semester-1 & 2 each	
Course - I to IV	3(3-0)
Total 12(12-0)	
Semester-3 & 4 each	
Research / Thesis	6(0-6)

Course Description of Analytical & Inorganic Chemistry

Semester-1		
CHEM-7101	Environmental Analysis	3(3-0)
CHEM-7102	Electroanalytical Techniques	3(3-0)
CHEM-7103	Chromatographic Techniques-I	3(3-0)
CHEM-7104	Spectroscopic Techniques-I	3(3-0)
CHEM-7105	Chemistry of Main Group Elements	3(3-0)
CHEM-7106	Organo-transition Metal Chemistry	3(3-0)
CHEM-7107	Medicinal Uses of Transition Metals / Inorganic Components	3(3-0)
CHEM-7108	Modern Inorganic Chemistry	3(3-0)
		Total 12(12-0)*

Semester-2		
CHEM-7109	Chromatographic Techniques-II	3(3-0)
CHEM-7110	Spectroscopic Techniques-II	3(3-0)
CHEM-7111	Thermal Methods of Analysis	3(3-0)
CHEM-7112	Inorganic & Organometallic Polymers	3(3-0)
CHEM-7113	Applied Transition Metal Chemistry	3(3-0)
CHEM-7114	Inorganic Material Chemistry-II	3(3-0)
CHEM-7115	Advance Practicals in Analytical and Inorganic Chemistry	3(3-0)
CHEM-7116	Solid State Chemistry	3(3-0)
CHEM-7117	Recent Advances in Metal Based Drugs	3(3-0)
CHEM-7118	Experimental Techniques in Coordination and Organometallic Chemistry	3(3-0)
		Total 12(12-0)*

* A student can opt four courses of 12 cr. Hr. offered from the list in each semester depending upon the availability of the teacher. Each course will be of 3 credit hrs.

Course Description of Biochemistry

Semester-I		
CHEM-7152	Protein Structure, Function & Engineering	3(3-0)
CHEM-7153	Enzyme Kinetics and Mechanisms	3(3-0)
CHEM-7154	Molecular Biochemistry	3(3-0)
CHEM-7155	Blood Chemistry & Immunochemistry	3(3-0)
CHEM-7156	Environmental Biochemistry & Toxicology	3(3-0)
CHEM-7157	Biochemical Basis of Endocrinology	3(3-0)
CHEM-7158	Neuro-Biochemistry	3(3-0)

CHEM-7159	Nutritional Biochemistry	3(3-0)
CHEM-7160	Biostatistics & Biomathematics	3(3-0)
CHEM-7161	Biochemistry Laboratory Skills	3(3-0)
CHEM-7162	Clinical Biochemistry Laboratory Techniques	3(3-0)
		Total 12(12-0)*

Semester-2		
CHEM-7163	Recombinant DNA Technology	3(3-0)
CHEM-7164	Drug Designing and Drug Metabolism	3(3-0)
CHEM-7165	Clinical Biochemistry	3(3-0)
CHEM-7166	Animal and Plant Tissue Culture	3(3-0)
CHEM-7167	Bioinformatics & Comparative Genomics	3(3-0)
CHEM-7168	Pathogens and Pathogenicity	3(3-0)
CHEM-7169	Genomic and Proteomics	3(3-0)
CHEM-7170	Cell Biology	3(3-0)
CHEM-7171	Current Topic in Biochemistry	3(3-0)
CHEM-7172	Techniques for Studying Bio-molecules	3(3-0)
CHEM-7173	Molecular Biology Lab Skills	3(3-0)
		Total 12(12-0)*

* A student may opt four courses of 12 credit hours in one semester offered from the list depending upon the availability of the teacher. Each course will be of 3 credit hours.

Course Description of Organic Chemistry

Semester-1		
CHEM-7139	Advance Stereochemistry	3(3-0)
CHEM-7140	Advance NMR Spectroscopy	3(3-0)
CHEM-7141	Physical-Organic Chemistry	3(3-0)
CHEM-7142	Medicinal Chemistry	3(3-0)
CHEM-7143	Pericyclic Reactions	3(3-0)
CHEM-7144	Advance by Name Reactions	3(3-0)
CHEM-7145	Advance Practical in Organic Chemistry	3(3-0)
		Total 12(12-0)*

Semester-2		
CHEM-7146	Advance Organic Synthesis	3(3-0)
CHEM-7147	Mass Spectrometry	3(3-0)
CHEM-7148	Natural Product Chemistry	3(3-0)
CHEM-7149	Organometallic Chemistry	3(3-0)
CHEM-7150	Heterocyclic Chemistry	3(3-0)
CHEM-7151	Polymer Chemistry	3(3-0)
		Total 12(12-0)*

* A student may opt four courses of 12 credit hours offered from the list in each semester depending upon the availability of the teacher. Each course will be of 3 credit hours.

Course Description of Physical Chemistry

Semester-1		
CHEM-7119	Polymer and Advanced Composite Materials	3(3-0)
CHEM-7120	Advanced Quantum Chemistry	3(3-0)
CHEM-7121	Advanced Electrochemistry	3(3-0)
CHEM-7122	Advanced Reactions Dynamics	3(3-0)
CHEM-7123	Advanced Photochemistry	3(3-0)
CHEM-7124	Surface Chemistry	3(3-0)
CHEM-7125	Solution Chemistry	3(3-0)
CHEM-7126	Advanced Techniques in Physics Chemistry	3(3-0)
CHEM-7127	Nanomaterials	3(3-0)
CHEM-7128	Physical Aspects of Environment	3(3-0)

Total 12(12-0)*

Semester-2		
CHEM-7129	Magnetic Spin Dynamics	3(3-0)
CHEM-7130	Advanced Molecular Spectroscopy	3(3-0)
CHEM-7131	Biophysical Chemistry	3(3-0)
CHEM-7132	Advanced Statistical Thermodynamics	3(3-0)
CHEM-7133	Chemistry of Polyoxometalates (POM)	3(3-0)
CHEM-7134	Colloids and Surfactants	3(3-0)
CHEM-7135	Nuclear Chemistry and Radiation Chemistry	3(3-0)
CHEM-7136	Advanced Solid State Chemistry and Characterization Techniques	3(3-0)
CHEM-7137	Heterogeneous Catalysis	3(3-0)
CHEM-7138	Ion Exchange Chemistry	3(3-0)

Total 12(12-0)*

* A student may opt four courses of 12 credit hours offered from the list in each semester depending upon the availability of the teacher. Each course will be of 03 credit hours.

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: 18 Credit Hours Course Work + Dissertation

Areas of Specializations

1. Analytical & Inorganic Chemistry
2. Biochemistry
3. Organic Chemistry
4. Physical Chemistry

- PhD course work comprises of 18 credit hours
- Four courses of three credit hours will be compulsory for all students.
- Two courses of three credit hours will be from the courses offered by the specific discipline as mentioned in optional list or any interdisciplinary courses as per requirement of the research of the students will be consent of supervisor concerned and approval of Director of the Institute. The courses will be distributed equally with subject to availability of teacher during the semester.

Code	Course Title	C/Hr.
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)
		Total 9(9-0)

Semester-2		
CHEM-8104	Experimental Techniques and Laboratory Safety Practices (Compulsory)	3(3-0)
CHEM-81xx	Optional course*	6(6-0)
CHEM-81xx	Optional course*	9(9-0)
		Total 9(9-0)

* 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 been opted by the candidate in MS/MPhil degree. 2x3

Note: Scheme of Studies of all MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF BIOTECHNOLOGY



Dr Muhammad Irfan

Associate Professor / Chairperson

Contact

✉ biotechnology@uos.edu.pk
☎ 048-9230278, 048-9230811-15 Ext 408
📍 Omar Khayyam Block

FACULTY

Dr. Arif Muhammad Khan
Associate Professor

Dr. Waqas Ahmad Khan
Assistant Professor

Dr. Imran Riaz Malik
Assistant Professor

Dr. Misbah Hussain
Lecturer

Sayyad Ali Raza Bukhari
Lecturer

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: 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. Technologies (ICT)	3(2-1)
BIOT-5101	Introduction to Biotechnology	3(3-0)
BIOT-5102	Animal Physiology	3(2-1)
BIOT-5103	Ecology, Biodiversity and Evolution	3(3-0)
Total 17(15-2)		
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-5111	Quran Translation-I	Non Credit
BIOT-5104	Cell Biology	3(2-1)
BIOT-5105	Biochemistry-I	3(2-1)

BIOT-5106	Classical Genetics	3(3-0)
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)
BIOT-5107	Molecular Biology	3(3-0)
BIOT-5108	Biochemistry-II	3(2-1)
BIOT-5109	Immunology	3(3-0)
Total 17(16-1)		

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-5111	Quran Translation-II	Non Credit
BIOT-5110	Research Methodology and Skills Enhancement	3(3-0)
BIOT-5111	Microbiology	3(2-1)
Total 15(14-2)		

Summer Semester		
BIOT-6112	Internship	3(0-3)

Semester-5		
BIOT-6113	Bioinformatics	3(2-1)
BIOT-6114	Methods in Molecular Biology	3(2-1)
BIOT-5115	Biosafety and Bioethics	2(2-0)
BIOT-6116	Principles of Biochemical Engineering	3(2-1)
CHEM-6103	Analytical Chemistry	3(2-1)
Total 15(14-2)		

Semester-6		
URCG-5111	Quran Translation-III	Non Credit
BIOT-6117	Food Biotechnology	3(2-1)

BIOT-6118	Pharmaceutical Biotechnology	3(3-0)
BIOT-6119	Agriculture Biotechnology	3(3-0)
BIOT-6120	Genomics and Proteomics	3(3-0)
MATH-5101	Calculus-1	3(3-0)
Total 15(14-1)		

Semester-7

BIOT-6121	Environmental Biotechnology	3(2-1)
BIOT-6122	Nano-Biotechnology	3(3-0)
BIOT-6123	Industrial Biotechnology	3(2-1)
STAT-6228	Bio-statistics	3(3-0)
BIOT-6124	Capstone Project	3(3-0)
Total 15(13-2)		

Semester-8

URCG-5111	Quran Translation-IV	Non Credit
BIOT-6125	Animal Biotechnology	3(3-0)
BIOT-6126	Forensic DNA typing	3(3-0)
BIOT-6127	Health Biotechnology	3(3-0)
BIOT-6128	Recombinant DNA Technology	3(3-0)
CMEC-6101	Programming fundamentals	3(2-1)
Total 15(14-1)		

MPhil Biotechnology

Eligibility: At least 2nd Division in BS or BSc Hons in the field of Biotechnology, Biochemistry, Bioinformatics, Botany, Zoology, Microbiology, Food Technology, Plant Pathology, Agriculture, Medical Lab Technology (MLT), Doctor of Veterinary Medicine (DVM) or MBBS or equivalent + 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.
Scheme of Studies		
	Courses	8 x 3 = 24
	Thesis	6(0-6)
Total 30(0-30)		

MPhil Courses

BIOT-7101	Metabolic Pathways In Plants	3(3-0)
BIOT-7102	Signal Transduction	3(3-0)
BIOT-7103	Biotechnology Law & Regulations	3(3-0)
BIOT-7104	Recombinant DNA Technology	3(3-0)
BIOT-7105	General & Medical Genetics	3(3-0)
BIOT-7106	Molecular Basis of Plant Development	3(3-0)
BIOT-7107	Regulation of Gene Expression	3(3-0)
BIOT-7108	Biological Safety and Risk Management	3(3-0)
BIOT-7109	Biochemistry I	3(3-0)
BIOT-7110	Biochemistry II	3(3-0)
BIOT-7111	Cell Biology I	3(3-0)
BIOT-7112	Cell Biology II	3(3-0)
BIOT-7113	Molecular Biology	3(3-0)
BIOT-7114	Bioinformatics	3(3-0)
BIOT-7115	Virology	3(3-0)
BIOT-7116	Analytical & Mechanistic Enzymology	3(3-0)
BIOT-7117	Protein Chemistry & Enzymology	3(3-0)
BIOT-7118	Insect Molecular Biology and Viruses	3(3-0)
BIOT-7119	Biostatistics & Laboratory Mathematics	3(3-0)
BIOT-7120	Bioprocess Technology	3(3-0)
BIOT-7121	Biophysics	3(3-0)
BIOT-7122	Biopharming in Plants: Principles and Techniques	3(3-0)
BIOT-7123	Protein Engineering	3(3-0)
BIOT-7124	Bioremediation and Biodegradation	3(3-0)
BIOT-7125	Research Methods in Biotechnology	3(3-0)
BIOT-7126	Immunology	3(3-0)
BIOT-7127	Agriculture Biotechnology	3(3-0)
BIOT-7128	Molecular Evolution	3(3-0)
BIOT-7129	Molecular Basis of Plant Breeding	3(3-0)
BIOT-7130	Bioethics, Biosecurity, Biosafety & Dual Use Edu.	3(3-0)
BIOT-7131	Research Methods in Biotechnology	3(3-0)
BIOT-7132	Microbial Enzyme Technology	3(3-0)
BIOT-7133	Forensic Sciences	3(3-0)
BIOT-7134	Medicinal Plant Biotechnology	3(3-0)

BIOT-7135	Fermentation Technology	3(3-0)
BIOT-7136	Applied Biostatistics	3(3-0)
BIOT-7137	Advanced Analytical Techniques	3(3-0)

PhD Biotechnology

Eligibility: MPhil/MS/MSc (Hons) in the relevant subject with 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: 18C/Hr. Course Work + Dissertation

Code	Course Title	C/Hr.
List of Courses		
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)

BIOT-8124	Advances in Microbiology	3(3-0)
BIOT-8125	Advances in animal cell Culture	3(3-0)
BIOT-8126	Advances in Molecular Genetics	3(3-0)
BIOT-8127	Genomics, Proteomics & Bioinformatics	3(3-0)
BIOT-8128	Advances in Plant Biotechnology	3(3-0)
BIOT-8129	Medical Biochemistry	3(3-0)
BIOT-8130	Cellular Signaling	3(3-0)
BIOT-8131	Advances in Health Biotechnology	3(3-0)
BIOT-8132	Advances in Vaccine Research	3(3-0)
BIOT-8133	Advances in Industrial Biotechnology	3(3-0)
BIOT-8134	Structural Biology	3(3-0)
BIOT-8135	Advanced Recombinant DNA Technology	3(3-0)
BIOT-8136	Advance Techniques in Molecular Biology	3(3-0)
BIOT-8137	Advances in Bioprocess Technology	3(3-0)
BIOT-8138	Enzyme Technology	3(3-0)

Students enrolled in the PhD program must have to take course work of 18 Cr. Hr. From given list with the recommendation of their respective supervisor/chairperson.

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF BOTANY



Dr. Zafar Iqbal Khan
Professor / Chairperson

Contact

✉ botany@uos.edu.pk
☎ 048-9230778, 9230811-15 Ext 609
📍 Jinnah Block

FACULTY

Dr. Aamir Ali
Professor

Dr. Kafeel Ahmad
Professor

Dr. Amin Ullah Shah
Associate Professor

Dr. Naima Huma Naveed
Assistant Professor

Dr. Qurat-ul-Ain
Assistant Professor

Dr. Hafiz Muhammad Waris
Assistant Professor

Muhammad Imran
Lecturer

Abdul Majid
Lecturer

Dr. Asma Ashfaq
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: 137 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
BOTN-5101	Diversity of Plants	4(3+1)
BOTN-5102	Plant Systematics, Anatomy and Dev. /Embryology	4(3+1)
URCG-5101	Islamic Studies (OR)	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5118	Functional English	3(3-0)
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
URCG-5111	Translation of the Holy Quran	Non Credit
		Total 16(13-3)
Semester-2		
BOTN-5103	Cell Biology, Genetics and Evolution	4(3+1)
BOTN-5104	Plant Physiology and Ecology	4(3+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)
		Total 16(14-2)
Semester-3		
BOTN-5105	Biodiversity and Conservation	4(3+1)
BOTN-5106	Bacteriology and Virology	3(2+1)
CHEM-5102	Inorganic Chemistry (OR)	4(3+1)
PSYC-XXXX	Psychology	

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-5111	Translation of Holy Quran-II	Non Credit
		Total 19(16-3)

Semester-4

BOTN-5107	Cell Biology	4(3+1)
BOTN-5108	Phycology and Bryology	3(2+1)
ZOOL-5101	Animal Diversity-I (Invertebrates) (OR)	
GEOG-XXXX	Geography	4(3+1)
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)
		Total 18(14-4)

Summer Semester

BOTN-6136	Internship	3(3+0)
-----------	------------	--------

Semester-5

BOTN-6101	Diversity of Vascular Plants	3(2+1)
BOTN-6102	Plants Systematics	3(2+1)
BOTN-6103	Mycology and Plant Pathology	3(2+1)
BOTN-6104	Plant Ecology-I	3(2+1)
CHEM-5103	Organic Chemistry (OR)	
PSYC-XXXX	Psychology	4(3+1)
		Total 16 (11-5)

Semester-6

BOTN-6105	Plant Physiology-I	3(2+1)
BOTN-6106	Genetics-I	3(2+1)
BOTN-6107	Plant Biochemistry-	3(2+1)

BOTN-6108	Plant Anatomy	3(2+1)
ZOOL-5104	Animal Form and Function-II (OR)	4(3+1)
GEOG-XXXX	Geography	
STAT-6134	Biostatistics	3(3+0)
Total 19(14-5)		

Semester-7

BOTN-6109	Environmental Biology	3(2+1)
BOTN-6110	Molecular Biology	3(2+1)
BOTN-6111	Plant Biochemistry-II	3(2+1)
BOTN-6112	Plant Physiology-II	3(2+1)
BOTN-XXXX	Elective-I/Optional Paper/Thesis/ Research Report	3(2+1)
URCG-5111	Translation of the Holy Quran-IV	Total 15(10-5)

Semester-8

BOTN-6113	Genetics-II	3(2+1)
BOTN-6114	Plant Ecology-II	3(2+1)
BOTN-6115	Ethnobotany	3(2+1)
BOTN-6137	Capstone Project	3(3+0)
BOTN-XXXX	Elective-I/Optional Paper/Thesis/ Research Report	3(2+1)
Total 15(11-4)		

BS in Botany (5th Semester Intake)

Eligibility: At least 45% marks 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: 66 credit hours

Code	Course Title	C/Hr.
Semester-1		
STAT-6321	Biostatistics	3(2+1)
BOTN-6301	Bacteriology and Virology	3(2+1)
BOTN-6302	Phycology and Bryology	3(2+1)
BOTN-6303	Mycology and Plant Pathology	3(2+1)
BOTN-6304	Diversity of Vascular Plants	3(2+1)
BOTN-6305	Plant Systematics	3(2+1)
Total 18(12-6)		

Semester-2

BOTN-6306	Plant Anatomy	3(2+1)
BOTN-6307	Genetics-I	3(2+1)
BOTN-6308	Plant Biochemistry-I	3(2+1)
BOTN-6309	Plant Ecology-I	3(2+1)
BOTN-6310	Plant Physiology-I	3(2+1)
BOTN-6311	Cell Biology	3(2+1)
Total 18(12-6)		

Semester-3

BOTN-6312	Molecular Biology	3(2+1)
BOTN-6313	Plant Biochemistry-II	3(2+1)

BOTN-6314	Plant Ecology-II	3(2+1)
BOTN-6315	Research Methodology	2(2+0)
URCC-5110	Citizenship Education and Community Engagement	0(0-0)
BOTN-6316	Seminar	1(1+0)
BOTN-XXXX	Optional paper	3(2+1)
Total 15(11-4)		

Semester-4

BOTN-6317	Genetics-II	3(2+1)
BOTN-6318	Plant Physiology-II	3(2+1)
BOTN-6319	Environmental Biology	3(2+1)
BOTN-6320	Biodiversity and Conservation	3(2+1)
BOTN-XXXX	Optional paper	3(2+1)
Total 15(10-5)		

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
Compulsory Courses for MPhil		
BOTN-7101	Advance Techniques in Molecular Biology	3(2-1)
BOTN-7102	Advanced Plant Ecology	3(2-1)
BOTN-7103	Advance Plant Physiology and Biochemistry	3(2-1)
BOTN-7104	Plant Nutrition Management	3(2-1)
BOTN-7105	Environmental Toxicology & Impact Assessment	3(2-1)
BOTN-7106	Recombinant DNA Technology	3(2-1)
BOTN-7107	Plant Biotechnology	3(2-1)
BOTN-7108	Plant Microbe Interaction	3(2-1)
BOTN-7109	Phytochemistry	3(2-1)

Optional Courses (MPhil Botany)

BOTN-7110	Biosystematics	3(2-1)
BOTN-7111	Phytoremediation	3(2-1)
BOTN-7112	Economic Botany	3(2-1)
BOTN-7113	Advances in Physiology & Molecular Biology of Plants	3(2-1)



BOTN-7114	Proteomics and Genomics	3(2-1)
BOTN-7115	Modern Molecular Biology	3(2-1)
BOTN-7116	Biotechnology for Sustainable Development	3(2-1)
BOTN-7117	Radiation Biology	3(2-1)
BOTN-7118	Plant Developmental Processes	3(2-1)
BOTN-7119	Biohazards and Biosafety	3(2-1)
BOTN-7120	Food Industrial Waste Management	3(2-1)

Candidates have to take four courses from the list of compulsory courses and four courses from the list of optional courses.

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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
------	--------------	-------

Compulsory Courses for PhD

BOTN-8101	Methods in Plant Cell Tissue and Organ Culture	3(2-1)
BOTN-8102	Ecological Genetics	3(2-1)
BOTN-8103	Forensic Botany	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 & Management of Plant Resources	3(2-1)
BOTN-8108	Bioinformatics	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	Bioethics	3(2-1)
BOTN-8113	Semi-Arid Region Ecology	3(2-1)
BOTN-8114	Biology of Halophytes	3(2-1)
BOTN-8115	Bioinstrumentation	3(2-1)

Students enrolled in the PhD program must have to take course work of 18 Cr. Hr. from Annexure-I with the recommendation of their respective supervisor/chairperson. A specific subject taken in MPhil would not be allowed in PhD. Minimum credit hours for PhD are 18 and maximum time for research thesis is four years.

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF EARTH SCIENCES



Dr. Muhammad Fahad Ullah

Professor / Chairperson

Contact

✉ earthsciences@uos.edu.pk
☎ 048-9230591, 9230811 - 15 Ext 307
📍 Al-Kindi Block

FACULTY

Dr Omar Riaz
Associate Professor

Dr. Muhammad Kashif
Assistant Professor

Dr. Asma Shaheen
Assistant Professor (on leave)

Dr. Faisal Rehman
Assistant Professor

Dr. Shamim Akhtar
Assistant Professor

Abdul Hannan
Lecturer (on study leave)

Dr. Syed Haroon Ali
Lecturer

Muhammad Mobeen Hashmi
Lecturer (on study leave)

Saeed Hassan
Lecturer

BS in Geology

Eligibility: At least 45% marks in HSSC (Part-I / II) Pre-Engineering / Pre-Medical / ICS / FA with Geology as elective subject / 5 seats for DAE.

Duration: 4 Years

Semesters: 8

Degree Requirements: 133 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)
GEOL-5101	Introduction to Geology	3(3-0)
GEOL-5102	Geomorphology	3(3-0)
GEOL-5103	Mineralogy	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-5111	Translation of Holy Quran-I	NC
GEOL-5104	Introduction to Paleontology	3(2-1)
GEOL-5105	Stratigraphy	3(3-0)
GEOL-5106	Geological Fieldwork-I	3(0-3)
Total 17(13-4)		
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)
GEOL-5107	Structural Geology	3(2-1)
GEOL-5108	Petrography	3(2-1)
GEOL-5109	Introduction to GIS and RS	3(2-1)

Total 17(14-3)

Semester-4

URCG-5111	Translation of Holy Quran-II	NC
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
GEOL-5110	Igneous and Metamorphic Petrology	3(3-0)
GEOL-5111	Geotectonics	3(2-1)
GEOL-5112	Geological Fieldwork-II	3(0-3)

Total 18(13-5)

Summer Semester

GEOL-5113	Internship	3(3-0)
-----------	------------	--------

Semester-5

GEOG-5101	Fundamentals of Geography	3(2-1)
PHYS-5101	Mechanics - I	3(2-1)
GEOL-6111	Sedimentology	3(2-1)
GEOL-6112	Geophysics	3(3-0)
GEOL-6113	Geochemistry	3(2-1)
GEOL-6114	Micropaleontology	3(2-1)

Total 18(13-5)

Semester-6

URCG-5111	Translation of Holy Quran-III	NC
CHEM-5101	Physical Chemistry	3(3-0)
URCM-5107	Mathematics I	3(3-0)

GEOL-6115	Sequence Stratigraphy	3(2-1)
GEOL-6116	Petroleum Geology	3(2-1)
GEOL-6117	Engineering Geology	3(2-1)
GEOL-6118	Geological Fieldwork –III	3(0-3)
Total 18(12-6)		

Semester-7		
GEOL-6119	Hydrogeology	3(3-0)
GEOL-6120	Geology of Pakistan	3(3-0)
GEOL-6121	Economic Geology	3(3-0)
*GEOL-61xx	Elective Course-I	3(3-0)
*GEOL-61xx	Elective Course-II	3(3-0)
Total 15(15-0)		

Semester-8		
URCG-5111	Translation of Holy Quran-IV	3(3-0)
GEOL-6122	Environmental Geology	3(3-0)
*GEOL-61xx	Elective Course-III	3(3-0)
*GEOL-61xx	Elective Course-IV	3(3-0)
GEOL-6190	Field experience	3(0-3)
GEOL-6191	Capstone project	3(3-0)
Total 18(15-3)		

* Special papers will be offered by the Department according to the availability of resources.

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: 124 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-5111	Translation of Holy Quran-I	NC
GEOG-5104	Map Work	3(2-1)
GEOG-5105	History and Development of Geographic Thought	3(3-0)
GEOG-5106	Surveying	3(1-2)
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)
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-5111	Translation of Holy Quran-II	NC
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 16(13-3)		

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 18(16-2)		

Semester-6		
URCG-5111	Translation of Holy Quran-III	NC
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 18(16-2)		

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 18(16-2)		

Semester-8		
URCG-5111	Translation of Holy Quran-IV	NC
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 18(16-2)		

* 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 Geography (5th Semester Intake)

Eligibility: At least 45% marks in ADA/ADS/ADC and BA/BSc with Geography as elective subject.

Duration: 2 Years

Semesters: 4

Degree Requirements: 69 credit hours

Code	Course Title	C/Hr.
Semester-1		
GEOG-6301	Geography: Histroy & Concept	3(3-0)
GEOG-6302	Regional Concepts	3(3-0)
GEOG-6303	Geomorphology	3(3-0)
GEOG-6304	Climatology	3(3-0)
GEOG-6305	Quantitative Methods In Geography	3(3-0)
GEOG-6306	Principles of Cartography	3(1-2)
Total 18(16-2)		

Semester-2		
GEOG-6307	Economic Geography	3(3-0)
GEOG-6308	Oceanography	3(3-0)
GEOG-6309	Remote Sensing	3(2-1)
GEOG-6310	Research Methods	3(3-0)
GEOG-6311	population Geography	3(3-0)
GEOG-6312	Geographical Information System	3(2-1)
URCC-5110	Citizenship Education & Community Engagement	0(0-0)
Total 18(16-2)		

Semester-3		
GEOG-6313	Environmental Geography	3(3-0)
GEOG-6314	Urban Geography	3(3-0)
GEOG- 6315	Digital Image Processing	3(2-1)
GEOG-6370	South Asia	3(3-0)
*GEOG-63xx	Elective Course	3(3-0)
*GEOG-63xx	Elective Course	3(3-0)
Total 18(17-1)		

Semester-4		
GEOG-63 1 6	Geography of Pakistan	3(3-0)
*GEOG-63xx	Elective course	3(3-0)
*GEOG-63xx	Elective Course	3(2-1)
***GEOG-63--	Field Survey	6(0+6)
GEOG-6390	Thesis (in lieu of two elective courses)	6(0+6)
Total 15(9-6)		

*as notified by the Chairman from list A

***as notified by the Chairman from list C

List A: Elective Courses

GEOG-6322	Cultural Geography	3(3-0)
GEOG -6323	Natural Hazards & Disaster Management	3(3-0)
GEOG-6324	Geography of Manufacturing	3(3-0)
GEOG-6325	Hydro Geography	3(3-0)
GEOG-6326	Medical Geography	3(3-0)
GEOG-6327	Political Geography	3(3-0)
GEOG-6328	Regional Planning & Development	3(3-0)
GEOG -6329	Climate Change Studies	3(3-0)
GEOG-6330	Agricultural Geography	3(3-0)
GEOG-6331	Conservation of Resources	3(3-0)

Regional Geography:

GEOG-6370	South Asia	3(3-0)
-----------	------------	--------

List C. Field Survey Report

GEOG-6380	Demographic Survey	3(3-0)
GEOG-6381	Hydrological Survey	3(3-0)
GEOG-6382	Industrial Survey	3(3-0)
GEOG-6383	Land Use Survey	3(3-0)
GEOG-6384	Landforms Survey	3(3-0)
GEOG-6385	Soil Survey	3(3-0)
GEOG-6386	Urban Survey	3(3-0)
GEOG- 6387	EIA (Environmental Impact Assessment)	3(3-0)

Each student shall be required to collect data/information pertaining to his/her topic in a selected area/region, tabulate the data and write report on it

GEOG-6390	Thesis	6(0-6)
-----------	--------	--------

(In lieu of two elective courses in semester IV)

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
------	--------------	-------

Semester-1		
GEOG.7101	Advanced Research Methods	3(3-0)
GEOG.7102	Techniques in Geo-Informatics	3(3-0)
GEOG.7103	Advanced Quantitative Techniques	3(3-0)
*GEOG-71--	Elective Course	3(3-0)

Total (1212-0)

Semester-1		
GEOG.71xx	Elective - I	3(3-0)
GEOG.71xx	Elective - II	3(3-0)
GEOG.71xx	Elective - III	3(3-0)
GEOG.71xx	Elective - IV	3(3-0)

Total (1212-0)

Semester-3-4		
GEOG.71xx	Thesis	6(0-6)

Compulsory Courses

GEOG-7101	Advanced Research Methods	3(3-0)
GEOG-7102	Techniques in Geo-informatics	3(3-0)
GEOG-7103	Advanced Quantitative Techniques	3(3-0)

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	Transportation Geography	3(3-0)
GEOG-7121	Agricultural Geography	3(3-0)
GEOG-7122	Urban Ecology	3(3-0)
GEOG-7123	Geography of Recreation and Tourism	3(3-0)
GEOG-7124	Meteorology	3(3-0)
GEOG-7125	Pleistocene Geomorphology	3(3-0)
GEOG-7126	Soil Geography	3(3-0)

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
------	--------------	-------

Semester-1		
Students will have to choose four courses from Semester-I as notified according to available resources.		
GEOG-7101	Applied Mineralogy	3(3-0)
GEOG-7102	Metamorphic Petrology	3(3-0)
GEOG-7103	Clastic Sedimentology	3(3-0)
GEOG-7104	Tectonics	3(3-0)
GEOG-7105	Micropaleontology	3(3-0)
GEOG-7106	Structural Geology	3(3-0)
GEOG-7107	Seismology	3(3-0)
GEOG-7108	Hydrogeology	3(3-0)
GEOG-7109	Soil Mechanics	3(3-0)
GEOG-7110	Metallic Mineral Deposits	3(3-0)
GEOG-7111	Ore Geology, Mining and Processing	3(3-0)
GEOG-7112	Isotope Geology and Geochronology	3(3-0)
GEOG-7113	Geology of Pakistan	3(3-0)
GEOG-7114	Sedimentary Basins	3(3-0)

GEOL-7115	Remote Sensing & GIS	3(3-0)
GEOL-7116	Environmental Geology	3(3-0)
GEOL-7117	Geohazard Investigation	3(3-0)
GEOL-7118	Geotechnical Engineering	3(3-0)
GEOL-7119	Vertebrate Paleontology	3(3-0)
GEOL-7120	Metallogeny and Plate Tectonics	3(3-0)
GEOL-7121	Reservoir Geognosy	3(3-0)
GEOL-7122	Earthquake Seismology	3(3-0)
GEOL-7123	Thermodynamics	3(3-0)
GEOL-7124	Basin Analysis	3(3-0)
GEOL-7125	Groundwater Investigation	3(3-0)
GEOL-7126	Industrial Mineralogy	3(3-0)
GEOL-7127	Hydrological Systems & Environment	3(3-0)
GEOL-7128	Applied Structure Technique	3(3-0)
GEOL-7129	Metamorphic Structure	3(3-0)
GEOL-7130	Sedimentary Petrology	3(3-0)

Semester-2

Students will have to choose four courses from Semester-II as notified according to available resources.

GEOL-7131	Igneous Petrology	3(3-0)
GEOL-7132	Applied Geochemistry	3(3-0)
GEOL-7133	Carbonate Sedimentology	3(3-0)
GEOL-7134	Paleontology	3(3-0)
GEOL-7135	Marine Geology	3(3-0)
GEOL-7136	Applied Geophysics	3(3-0)
GEOL-7137	Paleomagnetism	3(3-0)
GEOL-7138	Engineering Geology	3(3-0)
GEOL-7139	Rock Mechanics	3(3-0)
GEOL-7140	Non Metallic Mineral Deposits	3(3-0)
GEOL-7141	Advanced Instrumentation	3(3-0)
GEOL-7142	Coal Geology	3(3-0)
GEOL-7143	Stratigraphy of Pakistan	3(3-0)
GEOL-7144	Petroleum Geology	3(3-0)
GEOL-7145	Engineering Seismology	3(3-0)
GEOL-7146	Applied Hydrogeology	3(3-0)
GEOL-7147	Field Geology	3(3-0)
GEOL-7148	Invertebrate Paleontology	3(3-0)
GEOL-7149	Palynology and Paleobotany	3(3-0)
GEOL-7150	Sequence Stratigraphy	3(3-0)
GEOL-7151	Petroleum Geology of Pakistan	3(3-0)

GEOL-7152	Bore-hole Geophysics	3(3-0)
GEOL-7153	Isotope Geochemistry	3(3-0)
GEOL-7154	Quaternary Geology	3(3-0)
GEOL-7155	Groundwater Engineering	3(3-0)
GEOL-7156	Environmental Hazards	3(3-0)
GEOL-7157	Environmental Impact Assessment and Manag.	3(3-0)
GEOL-7158	Tectonic of Pakistan	3(3-0)
GEOL-7159	Neotectonic	3(3-0)
GEOL-7160	Clay Mineralogy	3(3-0)

Semester 3 to 4

Thesis 6(0-6)

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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
------	--------------	-------

Compulsory Courses

GEOL-8101 *	Research Methodology	3(3+0)
GEOL-8129**	GIS and Remote Sensing Applications in Geology	3(2+1)

* Compulsory course to be offered in 1st semester

** Compulsory course to be offered in 2nd semester

Electives List A***

GEOL-8105	Clastic Sedimentology	3(3+0)
GEOL-8106	Advance Petroleum Geology	3(3+0)
GEOL-8107	Drilling Operation	3(3+0)
GEOL-8108	Advanced Basin Analysis	3(3+0)
GEOL-8109	Reservoir Geophysics	3(3+0)
GEOL-8110	Paleoecology	3(3+0)
GEOL-8111	Petrophysical Analysis	3(3+0)
GEOL-8112	Mine Geology: Surface & Subsurface Mining	3(3+0)
GEOL-8113	Slope Stability Analysis	3(3+0)
GEOL-8114	Engineering Geology In Dams & Hydropower	3(3+0)
	Projects	
GEOL-8115	Aggregate of Pakistan	3(3+0)

GEOL-8116	Mineral Deposits	3(3+0)
GEOL-8117	Petrology	3(3+0)
GEOL-8118	Geochemistry	3(3+0)
GEOL-8119	Industrial Minerals of Pakistan	3(3+0)
GEOL-8120	Exploration Geophysics 1 (Gravity & Magnetic Methods)	3(3+0)
GEOL-8121	Borehole Geophysics	3(3+0)
GEOL-8122	Engineering Geophysics	3(3+0)

*** Two elective course from List A to be offered in 1st semester depending upon available resources.

Electives List B****

GEOL-8130	Applied Structural Analyses	3(3-0)
GEOL-8131	Fluid Technology	3(3-0)
GEOL-8132	Carbonate Sedimentology	3(3-0)
GEOL-8133	Seismic Stratigraphy	3(3-0)
GEOL-8134	Hydrocarbon Modeling	3(3-0)
GEOL-8135	Tectonic Geomorphology	3(3-0)
GEOL-8136	Geomechanics	3(3-0)
GEOL-8137	Hazards Analysis	3(3-0)
GEOL-8138	Foundation Analyses & Design	3(3-0)
GEOL-8139	Coal Geology	3(3-0)
GEOL-8140	Geological Resources and Environment	3(3-0)
GEOL-8141	Ore Geology, Mining and Processing	3(3-0)
GEOL-8142	Metamorphic Petrology	3(3-0)
GEOL-8143	Isotope Geochemistry	3(3-0)
GEOL-8144	Applied Geochemistry	3(3-0)
GEOL-8145	Seismic Data Interpretation	3(3-0)
GEOL-8146	Exploration Geophysics II (Electrical, Electromagnetic, Gpr Methods)	3(3-0)
GEOL-8147	Advanced Rock Physics	3(3-0)
GEOL-8148	Advanced Reservoir Geophysics	3(3-0)
GEOL-8149	Seismic Hazard Analysis	3(3-0)
GEOL-8150	Applied, industry and Research Geophysics	3(3-0)
GEOL-8151	Applied Numerical Analysis	3(3-0)
GEOL-8152	Applied Mineralogy	3(3-0)
GEOL-8153	Depositional Modeling and Reservoir Quality	3(3-0)
GEOL-8154	Regional Geology and Tectonics	3(3-0)

**** Two elective course from List B to be offered in 2nd semester depending upon available resources.

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF MATHEMATICS



Dr. Muhammad Abbas

Professor / Chairperson

Contact

✉ mathematics@uos.edu.pk
☎ 048-9230767, 9230811 - 15 Ext 416
📍 Al-Khwarizmi Block

FACULTY

Dr. Imran Siddique
Professor

Dr. Shahid Mubeen
Associate Professor

Dr. Khuram Ali Khan
Associate Professor

Dr. Muhammad Yaseen
Assistant Professor

Dr. Muhammad Ashraf
Assistant Professor

Dr. Mumtaz Ahmad
Assistant Professor

Dr. Ammara Nosheen
Assistant Professor

Dr. Khalid Mehmmud Awan
Lecturer

Dr. Tahir Nazir
Lecturer

Dr. Saima Naheed
Lecturer

Dr. Muhammad Samraiz
Lecturer

Dr. Javeria Farooq
Lecturer

Dr. Asifa Ilyas
Lecturer

Dr. Bushra Batool
Lecturer

Dr. Uzma Ahmad
Lecturer

Rabia Iqbal
Lecturer

Ammara Nazar
Lecturer

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: 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. & Communication Tech. (ICT)	3(2-1)
MATH-5101	Calculus-I	3(3-0)
MATH-5102	Set Theory and Mathematical Logic	3(3-0)
MATH-5103	Vector and Tensor Analysis	3(3-0)
URCG-5111	Translation of Holy Quran-I*	Non Credit
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)
MATH-5104	Calculus-II	3(3-0)
MATH-5105	Linear Algebra	3(3-0)
MATH-5106	Mechanics	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)
MATH-5107	Calculus-III	3(3-0)
MATH-5108	Algebra-I	3(3-0)
MATH-5109	Ordinary Differential Equations	3(3-0)
URCG-5111	Translation of Holy Quran-II*	Non Credit
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)
MATH-5110	Algebra-II	3(3-0)
MATH-5111	Discrete Mathematics	3(3-0)
MATH-5112	Number Theory	3(3-0)
Total 16(15-1)		
Semester-5		
MATH-6101	Real Analysis-I	3(3-0)
MATH-6102	Topology	3(3-0)
MATH-6103	Differential Geometry	3(3-0)
MATH-6104	Mathematical Methods	3(3-0)
STAT-6101	Introductory Statistics	3(3-0)
URCG-5111	Translation of Holy Quran-III*	Non Credit
Total 15(15-0)		
Semester-6		
MATH-6105	Real Analysis-II	3(3-0)
MATH-6106	Classical Mechanics	3(3-0)
MATH-6107	Complex Analysis	3(3-0)

MATH-6108	Functional Analysis	3(3-0)
STAT-6102	Introduction to Probability Distributions	3(3-0)
Total 15(15-0)		
Semester-7		
MATH-6109	Numerical Analysis-I	3(3-0)
MATH-6110	Partial Differential Equations	3(3-0)
MATH-61xx	Elective-I**	3(3-0)
MATH-61xx	Elective-II**	3(3-0)
CSIT-6101	Programming Languages for Mathematicians	3(3-0)
URCG-5111	Translation of Holy Quran-IV*	Non Credit
MATH-6111	Field experience/internship	3(3-0)
Total 18(18-0)		
Semester-8		
MATH-6112	Numerical Analysis-II	3(3-0)
MATH-6113	Integral Equations	3(3-0)
MATH-61xx	Elective-III**	3(3-0)
MATH-61xx	Elective-IV**	3(3-0)
CSEC-6102	Web System and Technology	3(3-0)
MATH-6114	Capstone project	3(3-0)
Total 18(18-0)		

*These courses for Muslim students only.

** These four courses are optional.

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: 68 Credit Hours

Merit: Total marks obtained in BSc/ADS/ADP or equivalent qualification out of 800 marks + marks obtained in Mathematics courses out of 400 marks + 20 marks of Hafiz-e-Quran (if applicable)

Code	Course Title	C/Hr.
Semester-1		
MATH-6301	Elements of Set Theory and Mathematical Logic	3(3-0)
MATH-6302	Topology	3(3-0)
MATH-6303	Differential Geometry	3(3-0)
MATH-6304	Ordinary Differential Equations	3(3-0)
MATH-6305	Real Analysis-I	3(3-0)
MATH-6306	Algebra	3(3-0)
Total 18(18-0)		

Semester-2		
MATH-6307	Classical Mechanics	3(3-0)
MATH-6308	Mathematical Methods	3(3-0)
MATH-6309	Complex Analysis	3(3-0)
MATH-6310	Functional Analysis	3(3-0)
MATH-6311	Real Analysis-II	3(3-0)
MATH-6312	Discrete Mathematics	3(3-0)
Total 18(18-0)		
Semester-3		
MATH-6313	Numerical Analysis-I	3(3-0)
MATH-6314	Number Theory	3(3-0)
MATH-6315	Partial Differential Equations	3(3-0)
MATH-6316	Programming Languages for Mathematics	2(2-0)
MATH-63xx	Elective-I	3(3-0)
MATH-63xx	Elective-II	3(3-0)
Total 17(17-0)		
Semester-4		
MATH-6317	Numerical Analysis-II	3(3-0)
MATH-6318	Integral Equations	3(3-0)
MATH-63xx	Project / Course	3(3-0)
MATH-63xx	Elective-III	3(3-0)
MATH-63xx	Elective-IV	3(3-0)
Total 15(15-0)		

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
MATH-7108	Fixed Point Theory	3(3-0)
MATH-7114	Computer Aided Geometric Design	3(3-0)
MATH-7148	Advanced Numerical Analysis	3(3-0)
MATH-7154	Dynamics Inequalities on Time Scale	3(3-0)
Total 12(12-0)		

Semester-2		
MATH-7117	Advanced Fluid Mechanics	3(3-0)
MATH-7121	Numerical Solutions of ODE	3(3-0)
MATH-7125	Convex Analysis	3(3-0)
MATH-7149	Generalized Special Functions	3(3-0)
Total 12(12-0)		
Semester-3 to 4		
	Thesis	6(0-6)

PhD Mathematics

Eligibility: MPhil/MS (18 years 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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
MATH-8104	Advance Graph Theory	3(3-0)
MATH-8119	Convex Analysis and Applications	3(3-0)
MATH-8123	Orthogonal Polynomials	3(3-0)
Total 9(9-0)		
Semester-2		
MATH-8106	Applications of Inequalities	3(3-0)
MATH-8120	Numerical Solutions of PDE	3(3-0)
MATH-8112	Non-Newtonian Fluid Mechanics	3(3-0)
Total 9(9-0)		
Semester-3 to 6		
	Thesis	

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF PHYSICS



Dr Safdar Hussain

Professor / Chairperson

Contact

✉ physics@uos.edu.pk
☎ 048-9230914, 9230811 - 15 Ext 338, 339
📍 Abn Al-Haytham Block

FACULTY

Dr. Muhammad Anwar-ul-Haq
Professor

Dr. M. Mazhar Ali Kalyar
Professor

Dr. Safdar Nazir
Associate Professor

Dr. Bilal Rasul
Assistant Professor

Dr. Muhammad Zahid Ishaque
Assistant Professor

Dr. Khalid Naseer
Assistant Professor

Dr. Farhat Iqbal
Lecturer (on study leave)

Asad Abbas Malik
Lecturer

Dr. Muhammad Zulfiqar
Lecturer

Muhammad Qasim
Lecturer

Ayesha Islam
Lecturer

Akhtar Rasool
Lecturer

Muhammad Ashfaq
Lecturer

Saira Yasmeen
Lecturer

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 (offered one deficiency course 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: 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. & 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-5111	Translation of Holy Quran***	NC
		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)
MATH-5104	Calculus-II	3(3-0)
PHYS-5103	Introduction to Electromagnetism	4(3-1)
		Total 15(14-1)
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-5111	Translation of Holy Quran***	NC
		Total 17(14-3)

Semester-4		
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
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)
URCG-5111	Translation of Holy Quran***	NC
		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(3-0)
URCG-5111	Translation of Holy Quran ⁶ ***	NC
Total 18(18-0)		

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)		

PHYS-6304	Electronics	3(3-0)
PHYS-6305	Modern Physics Lab	3(0-3)
MATH-5124	Vectors and Tensors Analysis	3(3-0)
Total 18(15-3)		

Semester-2

PHYS-6306	Methods of Mathematical Physics-II	3(3-0)
PHYS-6307	Classical Mechanics-II	3(3-0)
PHYS-6308	Electrodynamics-II	3(3-0)
PHYS-6309	Quantum Mechanics-I	3(3-0)
PHYS-6310	Solid State Physics-I	3(3-0)
PHYS-6311	Electronics Lab	3(0-3)
Total 18(15-3)		

Semester-3

PHYS-6312	Statistical Mechanics	3(3-0)
PHYS-6313	Atomic Physics	3(3-0)
PHYS-6314	Plasma Physics	3(3-0)
PHYS-6315	Quantum Mechanics-II	3(3-0)
PHYS-6316	Solid State Physics-II	3(3-0)
PHYS-63xx	Optional Course*/Thesis**	3(3-0)
Total 18(18-0)		

Semester-4

STAT-5125	Theory of Error Analysis	3(3-0)
PHYS-6317	Computational Physics	3(3-0)
PHYS-6318	Laser Physics	3(3-0)
PHYS-6319	Relativity and Cosmology	3(3-0)
PHYS-6320	Nuclear and Elementary Particle Physics	3(3-0)
PHYS-63xx	Optional Course*/Thesis**	3(3-0)
Total 18(18-0)		

Optional Courses

PHYS-6321	Advanced Electronics	3(3-0)
PHYS-6322	Physical and Geometrical Optics	3(3-0)
PHYS-6323	Physics of Nanotechnologies	3(3-0)
PHYS-6324	Methods of Experimental Physics	3(3-0)
PHYS-6325	Advanced Electronics LAB***	3(0-3)
PHYS-6326	Introduction to Quantum Computing	3(3-0)
PHYS-6327	Particle Physics	3(3-0)
PHYS-6328	Thesis	6(0-6)

* Student may take two optional courses (Optional Course-I in Semester III and Optional Course-II in Semester IV) from courses offered at the Department.

** A thesis of 06 credit hours can be opted if offered at the department.

*** Advanced Electronics LAB can be opted only if Advanced Electronics course is taken.

BS in Physics (5th Semester Intake)

Eligibility: Eligibility:

1. At least 45% marks 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 25% credit hour contribution of Physics and Mathematics courses each to the total credit hours (like 15 credit hours out of 60 credit hours) is compulsory.

Duration: 2 Years

Semesters: 4

Degree Requirements: 72 credit hours

Code	Course Title	C/Hr.
Semester-1		
PHYS-6301	Methods of Mathematical Physics-I	3(3-0)
PHYS-6302	Classical Mechanics-I	3(3-0)
PHYS-6303	Electrodynamics-I	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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PHYS-7101	Methods of Mathematical Physics	3(3-0)
PHYS-7102	Methods & Techniques of Exp. Physics	3(3-0)
PHYS-71xx	Optional Paper	3(3-0)
PHYS-71xx	Optional Paper	3(3-0)
		Total 12(12-0)
Semester-2		
PHYS-71xx	Optional Paper	3(3-0)
PHYS-71xx	Optional Paper	3(3-0)
PHYS-71xx	Optional Paper	3(3-0)
PHYS-71xx	Optional Paper	3(3-0)
		Total 12(12-0)
Optional papers in Semester-I and Semester-II are to be selected from the following		
PHYS-7103	Condensed Matter Physics	3(3-0)
PHYS-7104	Magnetism in Low Dimensions	3(3-0)
PHYS-7105	Material Science	3(3-0)
PHYS-7106	X-ray Crystallography	3(3-0)
PHYS-7107	Pulsed Laser Deposition for Thin Film Growth	3(3-0)
PHYS-7108	Low Temperature Plasmas	3(3-0)
PHYS-7109	Chaos, Stability and Control	3(3-0)
PHYS-7110	Introduction to DFT	3(3-0)
PHYS-7111	Growth & Characterization of Solids	3(3-0)
PHYS-7112	Atomic and Molecular Spectroscopy	3(3-0)
PHYS-7113	Ion Physics (Methods and Instruments)	3(3-0)
Semester-3 to 4		
PHYS-7114	Thesis	6(0-6)

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 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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Optional Papers		
PHYS-8101	Quantum Field Theory	3(3-0)
PHYS-8102	Plasma-Wall Interaction in Fusion Reactors	3(3-0)
PHYS-8103	Magnetization Reversal & Magnetization Dynamic	3(3-0)
PHYS-8104	Classical and Quantum Statistical Physics	3(3-0)
PHYS-8105	Advance Material Science	3(3-0)
PHYS-8106	Nonlinear Physics	3(3-0)
PHYS-8107	Laser Spectroscopy: Experimental Techniques	3(3-0)
PHYS-8108	Electromagnetic Theory	3(3-0)
PHYS-8109	Plasma Processing and Technology	3(3-0)
PHYS-8110	Thesis	6(0-6)

A PhD student will have to complete 18 Cr. H. Courses in addition to 24 Cr. H. Courses of MPhil.

The optional courses will be offered depending upon the resources of the department.

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF STATISTICS



Dr. Hafiz Zafar Nazir
Associate Professor / Chairperson

Contact

✉ statistics@uos.edu.pk
☎ 048-9230811 - 15 Ext 306
📍 Al-Khwarizmi Block

FACULTY

Dr. Zahoor Ahmad
Professor

Noureen Akhtar
Assistant Professor

Dr. Muhammad Amin
Assistant Professor

Dr. Sadia Qamar
Assistant Professor

Dr. Hafiza Mamona Nazir
Assistant Professor

Muhammad Zubair
Lecturer

BS in Statistics

Eligibility: At least 45% marks 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: 120-144 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCG-5118	Functional English	3(3-0)
URCG-5126	Religious Education/Ethics	2(2-0)
URCG-5105	Islamic Studies (OR)	
URCG-5123	Applications of Info. and Comm. Tech. (ICT)	3(2-1)
STAT-5101	Introductory Statistics	3(3-0)
STAT-5102	Applied Statistics	3(3-0)
STAT-5103	Official Statistics	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-5127	Seerat of the Holy Prophet (SAW)*	1(1-0)
STAT-5104	Introduction to Probability Distributions	3(3-0)
STAT-5105	Computer Applications in Statistics	3(3-0)
STAT-5106	Intro. to Regression Analysis & Experimental Design	3(3-0)
URCG-5111	Translation of Holy Quran*	NC
		Total 17(17-0)
Semester-3		
URCG-5119	Expository Writing	3(3-0)

URCG-5121	Tools for Quantitative Reasoning	3(3-0)
STAT-5107	Basic Statistical Inference	3(3-0)
STAT-5108	Population Studies	3(3-0)
STAT-5109	Research Methods	3(3-0)
		Total 15(15-0)

Semester-4

URCG-5122	Ideology and Constitution of Pakistan	2(2-0)
URCG-5114	Basic Science	3(2-1)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
STAT-5110	Non-Parametric Methods	3(3-0)
STAT-5111	Bio-Statistics	3(3-0)
URCG-5111	Translation of Holy Quran*	NC
		Total 15(14-1)

Semester-5

STAT-6101	Regression Analysis	3(3-0)
STAT-6102	Probability and Probability Distributions-I	3(3-0)
STAT-6103	Sampling Techniques-I	3(3-0)
STAT-6104	Design and Analysis of Experiments-I	3(3-0)
MATH-5101	Calculus-I	3(3-0)
		Total 15(15-0)

Semester-6

STAT-6105	Econometrics	3(3-0)
STAT-6106	Probability and Probability Distributions-II	3(3-0)
STAT-6107	Sampling Techniques-II	3(3-0)
STAT-6108	Design and Analysis of Experiments-II	3(3-0)
STAT-6109	Statistical Packages	3(3-0)
URCG-5111	Translation of Holy Quran*	NC
		Total 15(15-0)

Summer Semester		
STAT-6116	Field Experience/Internship	3(3-0)
Semester-7		
STAT-6110	Statistical Inference-I	3(3-0)
STAT-6111	Statistical Quality Control	3(3-0)
STAT-6112	Time Series Analysis	3(3-0)
MATH-5103	Calculus-II	3(3-0)
BUSB-5106	Advanced Accounting and Auditing	3(3-0)
		Total 15(15-0)

Semester-8		
STAT-6113	Statistical Inference-II	3(3-0)
STAT-6114	Applied Multivariate Analysis	3(3-0)
STAT-6115	Categorical Data Analysis	3(3-0)
STAT-6117	Capstone Project	3(3-0)
GEOL-5101	Introduction to Geology	3(3-0)
URCG-5111	Translation of Holy Quran*	NC
		Total 15(15-0)

* For Muslim students only

BS in Statistics (5th Semester Intake)

Eligibility: At least 45% marks 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-6301	Statistical Methods	4(3+1)
STAT-6302	Regression Analysis	4(3+1)
STAT-6303	Probability and Probability Distributions-I	3(3+0)
STAT-6304	Sampling Techniques-I	4(3+1)
STAT-6305	Design and Analysis of Experiment-I	4(3+1)
		Total 19(15+4)
Semester-2		
STAT-6306	Econometrics	4(3+1)
STAT-6307	Statistical Packages	3(3+0)
STAT-6308	Probability and Probability Distributions-II	3(3+0)
STAT-6309	Sampling Techniques-II	4(3+1)

STAT-6310	Design and Analysis of Experiment-II	4(3+1)
		Total 18(15+3)
Semester-3		
STAT-6311	Statistical Inference-I	3(3+0)
STAT-6312	Applied Multivariate Analysis	4(3+1)
STAT-6313	Research Methods/Internship	3(3+0)
STAT-6314	Non Parametric Methods	3(3+0)
STAT-63**	Elective Course	3(3+0)
STAT-63**	Elective Course	3(3+0)
		Total 19(18+1)

Semester-4		
STAT-6315	Population Studies	4(3+1)
STAT-6316	Statistical Inference-II	3(3+0)
STAT-6317	Project/Research Report	3(3+0)
STAT-63**	Elective Course	3(3+0)
STAT-63**	Elective Course	3(3+0)
		Total 16(15+1)

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
STAT-7101	Linear Models and Regression Analysis-I	3(3-0)
STAT-7102	Statistical Process Control	3(3-0)
Any two courses from the approved courses depending upon the availability of resources.		
Semester-2		
STAT-7103	Linear Models and Regression Analysis-II	3(3-0)
Any three courses from the approved courses depending upon the availability of resources.		
Semester-3 to 4		
	Research / Thesis	6(0-6)

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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
List of courses		
STAT-8101	Recent Develop. in Statistical Process Control	3(3-0)
STAT-8102	Advanced Survey Sampling	3(3-0)
STAT-8103	Advanced Topics in Design of Experiments	3(3-0)
STAT-8104	Advanced Bio-Statistics	3(3-0)
STAT-8105	Advanced Theory of Statistics	3(3-0)
STAT-8106	Advanced Generalized Linear Models	3(3-0)
STAT-8107	Advanced Non-Parametric and Robust Methods	3(3-0)
STAT-8108	Advanced Demographic Techniques	3(3-0)
STAT-8109	Randomized Response	3(3-0)
STAT-8110	Geo-Statistics	3(3-0)
STAT-8111	Financial Econometrics	3(3-0)

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF ZOOLOGY



Dr Muhammad Khalid Mukhtar

Professor / Chairperson

Contact

✉ Zoology@uos.edu.pk
☎ 048-9230558, 048-9230811 - 15 Ext 332
📍 Jinnah Block

FACULTY

Dr. Muhammad Arshad
Professor

Dr. Syed Kashif Nawaz
Associate Professor

Dr. Sajida Batool
Assistant Professor

Dr. Aima Iram Batool
Assistant Professor

Dr. Naunain Mehmood
Lecturer

Dr. Faiza Zubair
Lecturer

Dr. Naila Riaz
Lecturer

Dr. Iram Inayat
Lecturer

Dr. Muhammad Ali Kanwal
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: 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. & Communication Tech.	3(2-1)
URCQ-5111	Translation of the Holy Quran – I	NC
ZOOL-5101	Animal Diversity-I (Invertebrates)	4(3-1)
ZOOL-5102	Animal Form and Function- I (A Comparative Perspective)	4(3-1)
		Total 16(13-3)
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)
ZOOL-5103	Animal Diversity-II (Chordates)	4(3-1)
ZOOL-5104	Animal Form & Function-1I	4(3-1)
		Total 16(14-2)
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)

URCQ-5111	Translation of Holy Quran-II	NC
ZOOL-5105	Economic Zoology	3(2-1)
ZOOL-5106	Cell and Molecular Biology	4(3-1)
CHEM-5102	Inorganic Chemistry	4(3-1)
		Total 19(16-3)

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)
ZOOL-5107	Biochemistry	4(3-1)
ZOOL-5108	Fisheries	3(2-1)
BOTN-5101	Diversity of Plants	4(3-1)
		Total 18(14-4)

Semester-5

ZOOL-6109	Developmental Biology	4(3-1)
ZOOL-6110	Physiology	4(3-1)
ZOOL-6111	Evolution & Principles of Systematics	4(3-1)
URCQ-5111	Translation of Holy Quran-III	Non-credit
CHEM-5103	Organic chemistry	4(3-1)
		Total 16(12-4)

Semester-6

ZOOL-6112	Research Methodology	2(2-0)
ZOOL-6113	Genetics	4(3-1)
BOTN-5102	Plant Systematics, Anatomy Development And Development	4(3-1)
ZOOL-6114	Wildlife	3(2-1)
ZOOL-6115	Biotechnology	3(2-1)
		Total 16(12-4)
Summer Semester		
ZOOL-6116	Internship**	3(3-0)

Semester-7		
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)
URCQ-5111	Translation of Holy Quran-IV	Non-credit
ZOOL-6121	Capstone Project	3(3-0)
Total 15(12-3)		

Semester-8		
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)
Total 16(12-4)		

BS in Zoology (5th Semester Intake)

Eligibility: At least 45% marks in BSc/ADS with Zoology (200 marks) as major subject.

Duration: 2 Years

Semesters: 4

Degree Requirements: 74 Credit hours

Code	Course Title	C/Hr.
Semester-1		
ZOOL-6301	Research Methodology	2(2+0)
ZOOL-6302	Economic Zoology	3(2+1)
ZOOL-6303	Biochemistry	4(3+1)
ZOOL-6304	Cell and Molecular Biology	4(3+1)
ZOOL-6305	Evolution & Principles of Systematics	4(3+1)
ZOOL-6306	Biological Techniques	3(1+2)
Total 20(14-6)		

Semester-2		
ZOOL-6307	Physiology	4(3+1)
ZOOL-6308	Ecology	3(2+1)
ZOOL-6309	Developmental Biology	4(3+1)
ZOOL-6310	Genetics	4(3+1)

ZOOL-6311	Wildlife	3(2+1)
Total 18(14-6)		

Semester-3		
ZOOL-6XXX	Special Paper A1/ Thesis (Univ. Option)	3(2+1)/(0+3)
ZOOL-6312	Biostatistics/Univ. Option	3(2+1)
ZOOL-6XXX /	Special Paper A2/	3(2+1)
ZOOL-6326	Univ. Option= Ichthyology	
ZOOL-6XXX /	Univ. Option/	3(2+1)
ZOOL-6336	Principles & Kinetics Of Toxicology	
ZOOL-6313	Bioinformatics	3(1+2)
ZOOL-6XXX	Univ. Option	3(2+1)
Total 18(13-5)		

Semester-4		
ZOOL-6314	Animal Behavior	3(3+0)
ZOOL-6XXX	Special Paper B1/ Thesis (Univ. Option)	3(2+1)/(0+3)
ZOOL-6XXX /	Special Paper B2/	3(2+1)
ZOOL-6318	Univ. Option=Biotechnology	
ZOOL-6XXX	Univ. Option	3(2+1)
ZOOL-6315	Zoogeography & Paleontology	3(2+1)
ZOOL-6XXX	Univ. Option	3(2+1)
Total 18(11-7)		

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Compulsory Courses		
ZOOL-7101	Advanced Animal Diversity	3(3-0)
ZOOL-7102	Advances in Molecular Biology	3(3-0)
ZOOL-7103	Animal Biotechnology	3(3-0)
ZOOL-7104	Applied Biostatistics	3(3-0)
ZOOL-7105	Classification of Insects and Pest Management	3(3-0)

ZOOL-7106	Comparative Vertebrate Anatomy	3(3-0)
ZOOL-7107	Conservation Biology of Wildlife	3(3-0)
ZOOL-7108	Economic Zoology	3(3-0)
ZOOL-7109	Environmental Sciences	3(3-0)
ZOOL-7110	Modern Techniques in Zoological Research	3(3-0)
ZOOL-7111	Recombinant DNA Technology	3(3-0)

In addition to this, students will take optional courses.

PhD Zoology

Eligibility: MPhil//MS/MSc(Hons) in Zoology 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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Compulsory Courses		
ZOOL-8101	Clinical Immunology	3(3-0)
ZOOL-8102	Wildlife Conservation and Management	3(3-0)
ZOOL-8103	Human Genetics	3(3-0)
ZOOL-8104	Molecular Physiology	3(3-0)
ZOOL-8105	Molecular Endocrinology	3(3-0)
ZOOL-8106	Molecular Entomology	3(3-0)
ZOOL-8107	Biological Toxicology	3(3-0)
ZOOL-8108	Research Methodology and Report Writing	3(3-0)
ZOOL-8109	Advanced Analytical Techniques	3(3-0)

In addition to this, students will take optional courses.

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

FACULTY OF SOCIAL SCIENCES



Prof. Dr. Masood Sarwar Awan

Dean, Faculty of Social Sciences

Phone: 048-9230811 - 15 Ext 381, 383

Email: dean.socialsciences@uos.edu.pk

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

FACULTY

Dr Muhammad Uzair ul Hassan Associate Professor	Dr. Ghulam Muhammad Lecturer
Dr Muhammad Nadeem Anwar Associate Professor	Razia Yasmin Lecturer
Dr. Mushtaq Ahmad Associate Professor	Anila Ali Lecturer
Dr. Nargis Abbas Assistant Professor	Naseem Kousar Lecturer
Dr. Shaista Khalid Assistant Professor	Maimoona Naeem Lecturer
Dr. Iram Uzair Assistant Professor	
Dr. Asma Khizar Assistant Professor	
Dr. Ahmad Bilal Assistant Professor	
Dr. Majeed Niazi Assistant Professor	
Dr. Ghazanfar Ali Lecturer	
Dr. Zunaira Fatima Lecturer	
Dr. Tariq Saleem Ghayyur Lecturer	
Dr. Sahibzada Shamim-ur-Rasool Lecturer	
Dr. Misbah Iqbal Lecturer	
Dr. Ghulam Zainab Lecturer	
Saima Nasreen Lecturer	



Dr. Riffat-un-Nisa Awan

Professor / Director

Contact

✉ education@uos.edu.pk
☎ 048-9230553, 9230811-15 Ext 396, 397
📍 Sir Syed Block

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: 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)
EDUC-5101	Introduction to Education	3(3-0)
EDUC-5102	Education in Pakistan	3(3-0)
EDUC-5103	Instructional Methods	3(3-0)
Total 17(16-1)		
Semester-2		
URCG-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
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	Translation of the Holy Quran – 1	Non Credit
EDUC-5104	Comparative Education	3(3-0)
EDUC-5105	Educational Psychology	3(3-0)
EDUC-5106	Educational Assessment and Evaluation	3(3-0)
Total 17(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)
EDUC-5107	Curriculum Development	3(3-0)
EDUC-5108	Guidance and Counselling	3(3-0)
EDUC-5109	Child Development and Learning	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-5111	Translation of the Holy Quran – II	Non Credit
EDUC-5110	Educational Planning and Management	3(3-0)
EDUC-5111	Inclusive Education	3(3-0)
EDUC-5112	Philosophy of Education	3(3-0)
		Total 16(15-1)

Semester-5

EDUC-6101	Organizational Behaviour	3(3-0)
EDUC-6102	Research Methods in Education	3(3-0)
EDUC-6103	Statistics & Data Analysis	3(3-0)
EDUC-6104	Sociology of Education	3(3-0)
InterDis	Select 1st Interdisciplinary Course	3(3-0)
Minor I(1)	Select 1st course from Minor's group	3(3-0)
		Total 18(18-0)

Semester-6

EDUC-6105	Economics and Financing of Education	3(3-0)
EDUC-6106	Qualitative Research Methods in Education	3(3-0)
EDUC-6107	Designing & Reporting Research in Education	3(3-0)
EDUC-6108	Digital Pedagogy and Educational Technology	3(3-0)

InterDis	Select 2nd Interdisciplinary Course	3(3-0)
Minor I(2)	Select 2nd course from Minor's group	3(3-0)
URCG-5111	Translation of the Holy Quran – III	Non Credit
		Total 18(18-0)

Semester-7

EDUC-6109	Seminar on Trends & Issues in Education	3(3-0)
EDUC-6110	Ethics and Professionalism in Education	3(3-0)
Minor I(3)	Select 3rd course from Minor's group	3(3-0)
Minor I(4)	Select 4th course from Minor's group	3(3-0)
InterDis	Select 3rd Interdisciplinary Course	3(3-0)
InterDis	Select 4th Interdisciplinary Course	3(3-0)

URCG-5111	Translation of the Holy Quran IV	Non Credit
		Total 18(18-0)

Semester-8

EDUC-6111	Thesis / Capstone Project	3(3-0)
EDUC-6112	Internship	3(0-3)
EDUC-6113	Teaching Practice - I	6(0-6)
EDUC-6114	Teaching Practice - II	6(0-6)

Total 18(3-15)

BEd (Hons) Elementary

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 Information and Communication Technologies (ICT)	3(2-1)
EDUC-5201	Foundations of Education	3(3-0)
EDUC-5202	Education in Pakistan	3(3-0)
EDUC-5203	Child 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-5127	Seerat of the Holy Prophet (SAW)	1(1-0)
URCG-5111	Translation of Holy Quran	No Credit
EDUC-5204	Comparative Education	3(3-0)
EDUC-5205	Methods of Teaching	3(3-0)
EDUC-5206	Curriculum Development	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)
EDUC-5207	Educational Psychology	3(3-0)
EDUC-5208	Inclusive Education	3(3-0)
EDUC-5209	Classroom Assessment	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-5111	Translation of Holy Quran-II	Non Credit
EDUC-5210	Guidance and Counselling	3(3-0)
EDUC-5211	Educational Planning and Management	3(3-0)
EDUC-5212	Population Education	3(3-0)

Total 16(15-1)

Semester-5

EDUC-6201	Research Methods in Education	3(3-0)
EDUC-6202	Test Development and Standardization	3(3-0)
EDUC-6203	School Community and Teacher	3(3-0)
Minor 1	Minor 1	3(3-0)
Minor 2	Minor 2	3(3-0)
Int.Discip-1	Select 1st Interdisciplinary Course	3(3-0)

Total 18(18-0)

Semester-6

EDUC-6204	Classroom Management	3(3-0)
-----------	----------------------	--------

EDUC-6205	Digital Pedagogy and Educational Technology	3(3-0)
EDUC-6206	Educational Law	3(3-0)
Minor 3	Minor 3	3(3-0)
Minor 4	Minor 4	3(3-0)
URCG-5111	Translation of Holy Quran-III	NC
Inter- Discip-2	Select 2nd Interdisciplinary Course	3(3-0)
		Total 18(18-0)

Semester-7

EDUC-6211	Thesis/ Capstone Project	3(3-0)
EDUC-6212	Internship	3(0-3)
EDUC-6213	Teaching Practice - I	6(0-6)
EDUC-6214	Teaching Practice - II	6(0-6)

Total 18(03-15)

Semester-8

EDUC-6207	Instructional Supervision and Leadership	3(3-0)
EDUC-6208	Organizational Behaviour	3(3-0)
EDUC-6209	Contemporary Issues & Trends in Education	3(3-0)
EDUC-6210	Art, Craft and Calligraphy	3(3-0)
URCG-5111	Translation of Holy Quran-II	NC

Inter- Discip-3	Select 3rd Interdisciplinary Course	3(3-0)
Inter- Discip-4	Select 4th Interdisciplinary Course	3(3-0)

Total 18(18-0)

BEd (Hons) Elementary (5th Semester Intake)

Eligibility: At least 45% marks in graduation or ADA or equivalent qualification.

Duration: 4 Years

Semesters: 8

Degree Requirements: 72 Credit Hours

Code	Course Title	C/Hr.
Bridging Semester (for non-education students)		
EDUB-5101	Introduction to Education	3(3-0)
EDUB-5102	Instructional Methods	3(3-0)
EDUB-5103	Computer Applications in Education	3(3-0)
EDUB-5104	Child Development	3(3-0)
EDUB-5105	Sociology of Education	3(3-0)

Note: All courses of the bridging semester will be offered in the summer semester to complete the degree in 2 years.

Semester-1		
EDUC-6701	ICT in Education	3(3-0)
EDUC-6702	Curriculum Development	3(3-0)
EDUC-6703	Educational Psychology	3(3-0)
EDUC-6704	Introduction to Grammar & Error Analysis	3(3-0)
EDUC-6705	Teaching of English Language	3(3-0)

Note: Students will have to select any one of the following specializations and take any one course out of the selected specialization in Semester 1.

Area of Specialization I (Content)

EDUC-6706	Urdu/Regional Languages	3(3-0)
EDUC-6707	Social Studies	3(3-0)
EDUC-6708	General Science	3(3-0)
EDUC-6709	Mathematics	3(3-0)

Area of Specialization II (Content)

EDUC-6710	Introduction to Physics	3(3-0)
EDUC-6711	Introduction to Chemistry	3(3-0)
EDUC-6712	Introduction to Biology	3(3-0)
EDUC-6713	Introduction to Computer Science	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(3-0)

Total 18(18-0)

Semester-2

EDUC-6714	Language skills	3(3-0)
EDUC-6715	Art, Crafts and Calligraphy	3(3-0)
EDUC-6716	Classroom Assessment	3(3-0)

Note: Students will have to select one more course out of the selected specialization in Semester VI other than the course taken in Semester-1.

Specialization I (Content)

EDUC-6706	Urdu/Regional Languages	3(3-0)
EDUC-6707	Social Studies	3(3-0)
EDUC-6708	General Science	3(3-0)
EDUC-6709	Mathematics	3(3-0)

Specialization II (Content)

EDUC-6710	Introduction to Physics	3(3-0)
EDUC-6711	Introduction to Chemistry	3(3-0)

EDUC-6712	Introduction to Biology	3(3-0)
EDUC-6713	Introduction to Computer Science	3(3-0)

Note: Students will have to select any one of the following specializations and take any two courses out of the selected specialization in accordance with the courses taken in Specialization I or Specialization II.

Specialization III (Teaching)

EDUC-6717	Teaching of Urdu/Regional Languages	3(3-0)
EDUC-6718	Teaching of Social Studies	3(3-0)
EDUC-6719	Teaching of General Science	3(3-0)
EDUC-6720	Teaching of Mathematics	3(3-0)

Specialization IV (Teaching)

EDUC-6721	Teaching of Physics	3(3-0)
EDUC-6722	Teaching of Chemistry	3(3-0)
EDUC-6723	Teaching of Biology	3(3-0)
EDUC-6724	Teaching of Computer Science	3(3-0)

Total(18(18-0))

Semester-3

EDUC-6725	Test Development and Evaluation	3(3-0)
EDUC-6726	Educational Research	3(3-0)
EDUC-6727	Teaching Practice (Short Term)	3(3-0)
EDUC-6728	Teaching Practice (Long Term)	9(9-0)

Total(18(18-0))

Semester-4

EDUC-6729	Contemporary Trends and Issues in Education	3(3-0)
EDUC-6730	Critical Thinking & Reflective Practices	3(3-0)
EDUC-6731	Comparative Education	3(3-0)
EDUC-6732	Introduction to ECE	3(3-0)
EDUC-6733	School Management	3(3-0)
EDUC-6734	Research Project	3(3-0)

Total(18(18-0))

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: 54 credit hours

Code	Course Title	C/Hr.
Semester-1		
EDUC-6401	General Methods of Teaching	3(3-0)
EDUC-6402	Educational Assessment and Evaluation	3(3-0)
EDUC-6403	Curriculum Development	3(3-0)
EDUC-6404	Research Methods in Education	3(3-0)
EDUC-6405	Educational Leadership and Management	3(3-0)
EDUC-6406	Educational Psychology	3(3-0)
Total 18(18-0)		

Semester-2

EDUC-6407	Philosophy of Education	3(3-0)
EDUC-6408	Critical Thinking and Reflective Practices	3(3-0)
EDUC-64xx	Teaching Specialization	3(3-0)
EDUC-64xx	Area of Specialization (Course-I)	3(3-0)
EDUC-64xx	Area of Specialization (Course-II)	3(3-0)

EDUC-64xx	Area of Specialization (Course-III)	3(3-0)
Total 18(18-0)		

Semester-3

EDUC-6409	Human Development and Learning (Foundation)	3(3-0)
EDUC-6410	Info. & Communication Technology in Education	3(3-0)
EDUC-6411	Teaching Practice I	3(0-3)
EDUC-6412	Teaching Practice II	6(0-6)
EDUC-6427	Research Project Human Dev. and Learning	3(3-0)

Total 18(9-9)

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: 54 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)
Total 18(18-0)		

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)
Total 18(6-12)		

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: 54 credit hours

Code	Course Title	C/Hr.
Semester-1		
EDUC-6501	Foundations of Science Education	3(3-0)
EDUC-6502	Curriculum Development in 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)
Total 18(18-0)		

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(3-0)
Total 18(6-12)		

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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
EDUC7101	Research Methods in Education	3(3-0)
EDUC7102	Statistics in Education	3(3-0)
EDUC7103	Instrument Development and Data Analysis	3(3-0)
EDUC7104	Policy Studies	3(3-0)
EDUC7105	Computer in Education	0(0-0)
Total 12(12-0)		

Semester-2

Students may opt any three courses from any one area of specialization

A) Educational Assessment and Evaluation

EDUC7106	Assessment and Evaluation	4(4-0)
EDUC7107	Test Theories and Design	4(4-0)
EDUC7108	Test Construction and Standardization	4(4-0)
EDUC7109	Seminars on Issues and Trends in Assessment	4(4-0)
Total 12(12-0)		

B) Educational Planning and Management

EDUC7110	Instructional Leadership and Supervision	4(4-0)
EDUC7111	Educational Planning and Management	4(4-0)
EDUC7112	Organizational Theory and Behavior in Education	4(4-0)
EDUC-7113	Human Resource Management in Education	4(4-0)
Total 12(12-0)		

Semester-III & IV

EDUC-7118	MPhil Thesis (in the area of specialization)	6(0-6)
(for those having minimum CGPA of 2.50 out of 4.00)		

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: 18 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)
Total 9(9-0)		
Semester-2		
EDUC-8104	Topical Seminar on Research Designs	3(3-0)
Scholar will select any two from the following courses:		
EDUC-8105	Comparative Education	3(3-0)
EDUC-8106	Theories and Models of Curriculum Dev.	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)
Total 9(9-0)		
Semester-3 & onward		
EDUC-8110	Doctoral Dissertation	

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF ECONOMICS

FACULTY

Dr Rehmat Ullah Awan
Professor

Dr. Ahmad Raza Cheema
Professor

Dr Nisar Ahmad
Associate Professor

Dr. Mahmood-ul-Hasan
Assistant Professor

Dr. Muhammad Waqas
Assistant Professor

Dr. Jabbar Ul Haq
Assistant Professor

Dr. Shahzad Mushtaq
Assistant Professor

Dr. Saif Ullah
Assistant Professor

Dr. Touqeer Ahmad
Assistant Professor

Dr. Ghulam Sarwar
Assistant Professor

Dr. Falak Sher
Lecturer

Muhammad Nauman Malik
Lecturer (on leave)

Muhammad Nawaz
Lecturer (on leave)

Dr. Zahid Ullah Khan
Lecturer

Bilal Ahmad
Lecturer

Zulfiqar Hussain Awan
Lecturer / Deputy Registrar

Faisal Nadeem Shah
Lecturer



Dr Masood Sarwar Awan
Professor / Chairperson

Contact

✉ economics@uos.edu.pk
☎ 048-9230811 - 15 Ext 381, 383
📍 Ibn Rushd Block

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: 120-144 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-5111	Translation of Holy Quran-I *	Non Credit
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)
Total 17(17-0)		

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-5111	Translation of Holy Quran-II *	Non Credit
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 16(15-1)

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)
ECON 6116	Issues in Pak Economy	3(3-0)

Total 15(15-0)

Semester-6

URCG-5111	Translation of Holy Quran-III *	Non Credit
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)
ECON 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

URCG-5111	Translation of Holy Quran-IV *	Non Credit
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)		

* for Muslim students only

BS in Economics (5th Semester Intake)

Eligibility: At least 45% marks 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

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

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 18(18-0)		

MPhil Economics

Eligibility: MA/MSc/BS(4-year) or equivalent degree (16 years of Education) in 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: 24 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	3(3-0)
ECON-7122	Gender & Development	3(3-0)

PhD Economics

Eligibility: M.Phil/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: 18 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)

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF HISTORY AND PAKISTAN STUDIES



Dr. Muhammad Abrar Zahoor
Assistant Professor / Incharge

Contact

✉ history@uos.edu.pk
☎ 048-9230811 - 15 Ext 459, 467
📍 Al-Biruni Block

FACULTY

Dr. Zafar Mohyuddin
Assistant Professor

Dr. Muhammad Pervaiz
Assistant Professor

Dr. Shahana Maryam
Assistant Professor

Dr. Saima Parveen
Lecturer

Ghazala Hayat
Senior Research Officer

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: 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)
HIST-5111	Historiography	3(3+0)
HIST-5112	Ancient Indian History	3(3+0)
HIST-5113	Muslim History I	3(3+0)
	(Pre-Prophet[PBUH] to the Pious Caliphate)	
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 (Ummayyads and Abbasides)	3(3+0)
URCG-5111	Translation of Holy Quran I	Non Credit
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)
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-5111	Translation of Holy Quran II	Non Credit
		Total 16(15-1)

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 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)

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(3+0)

URCG-5111	Translation of Holy Quran IV	Non Credit
-----------	------------------------------	------------

Total 15(15-0)

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 Pakistan (1857-1947)	3(3+0)

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-5111	Translation of Holy Quran I	Non Credit

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)
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-5111	Translation of Holy Quran II	Non Credit

Total 16(16-0)

Semester-5

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)
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 in Pakistan (1971-2020)	3(3-0)
INTR-5101	Introduction to International Relations	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
URCG-5111	Translation of Holy Quran III	Non Credit

Total 15(15-0)

Summer Semester

HIST-6226	Field Experience/Internship	3(0-3)
-----------	-----------------------------	--------

Semester-7

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 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)
URCG-5111	Translation of Holy Quran IV	Non Credit

Total 15(12-3)

BS in History (5th Semester Intake)

Eligibility: At least 45% marks 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-6301	Historiography	3(3+0)
HIST-6302	Muslim History I (Pre-Prophet [PBUH] World to Pious Caliphate)	3(3+0)
HIST-6303	History of Europe I (1453-1789)	3(3+0)
HIST-6304	Research Methodology	3(3+0)
HIST-6305	Ancient Indian History	3(3+0)
		Total 15(15-0)

Semester-2

HIST-6306	Philosophy of History	3(3+0)
HIST-6307	Muslim History II (Umayyads and Abbasides)	3(3+0)
HIST-6308	History of Europe II (1789-1945)	3(3+0)
HIST-6309	Muslim Rule in Spain (755-1492)	3(3+0)
HIST-6310	Muslim Rule in South Asia(711-1526)	3(3+0)
HIST-6311	History of Civilization	3(3+0)
QT-600	Translation Study of the Holy Quran III	1(1+0)
		Total 19(19-0)

Semester-3

HIST-6312	History of the Great Mughals (1526-1707)	3(3+0)
HIST-6313	History of the Ottoman Empire (1288-1924)	3(3+0)
HIST-6314	History of the Later Mughals and British India (1707-1857)	3(3+0)
HIST-6315	History of Muslim Culture and Civilization	3(3+0)
HIST-6316	History of USA	3(3+0)
HIST-6317	Preliminaries of Persian	3(3+0)
		Total 18(18-0)

Semester-4

HIST-6318	History of Muslim Nationalism in India (1858-1947)	3(3+0)
HIST-6319	Government and Politics in Pakistan	3(3+0)
HIST-6320	Foreign Policy of Pakistan	3(3+0)
HIST-6321	Thesis (In lieu of two optional courses)	6(0+6)
QT-800	Translation Study of the Holy Quran IV	1(1+0)
URCC-5110	Citizenship Education and Community Engagement	0(0-0)
		Total 16(10-6)

Optional Courses

HIST-6322	History of Knowledge	3(3+0)
HIST-6323	History of Muslim Contribution to Science	3(3+0)
HIST-6324	History of Central Asia	3(3+0)
HIST-6325	Muslim Political Thought and Institutions	3(3+0)
HIST-6326	Heritage of Pakistan	3(3+0)
HIST-6327	History of the Punjab	3(3+0)

BS in Pakistan Studies (5th Semester Intake)

Eligibility: At least 45% marks 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-6301	Independence Movement and the Creation of Pakistan (1857-1947)	3(3+0)
PKST-6302	Research Methodology	3(3+0)
PKST-6303	Political and Constitutional Developments in Pakistan (1947-71)	3(3+0)
PKST-6304	Geography of Pakistan	3(3+0)
PKST-6305	Pakistani Society and Culture	3(3+0)
URCE-510	Grammar	3(3+0)
		Total 18(18-0)

Semester-2

PKST-6306	Legal System of Pakistan	3(3+0)
PKST-6307	Economic Development of Pakistan	3(3+0)
PKST-6308	Pakistani Languages and Literature	3(3+0)

PKST-6309	Geo-political Significance of Pakistan	3(3+0)
PKST-6310	Political and Constitutional Developments in Pakistan (1971-to the present)	3(3+0)
QT-600	Translation Study of the Holy Quran III	1(1+0)
URCI-5109	Intro. to Information & Communication Technology	3(2+1)
		Total 19(19-0)

Semester-3

PKST-6311	Human Rights in Pakistan	3(3+0)
PKST-6312	Ancient Civilizations: Indus Valley and Gandhara	3(3+0)
PKST-6313	Political Parties in Pakistan	3(3+0)
PKST-6314	Women Empowerment in Pakistan	3(3+0)
PKST-6315	Local Self-Government in Pakistan	3(3+0)
PKST-6316	Foreign Policy of Pakistan	3(3+0)
		Total 18(18-0)

Semester-4

PKST-6317	Bureaucracy in Pakistan	3(3+0)
PKST-6318	Pakistan's National Security: External and Internal Dimensions	3(3+0)
PKST-6319	Political Systems, Governments and Regimes in Pakistan (1947-to the present)	3(3+0)
PKST-6320	Environmental Problems in Pakistan	3(3+0)
PKST-6321	Pakistan and World Affairs	3(3+0)
QT-800	Translation Study of the Holy Quran IV	1(1+0)
URCC-5110	Citizenship Education and Community Engagement	0(0-0)
		Total 16(16-0)



MPhil History

Eligibility: 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 2nd division or CGPA 2.00 out of 4.00 + 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.
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)
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)

A student has to select any four courses out of the above mentioned scheme in both first and second semesters separately.

Semester-3-4

The student will choose a topic for research to be completed within third and fourth semesters in consultation with the assigned supervisor by the department as proposed by the relevant Board of Studies and approved by Board of Advanced Studies and Research



MALIK FIROZ KHAN NOON BUSINESS SCHOOL

FACULTY

Dr. Hammad Hassan Mirza Professor	Dr. Shahid Rasheed Lecturer (on leave)	Salma Mukhtar Lecturer / DR
Dr. Haroon Hussain Professor	Waqar Ahmed Lecturer	Salman Hussain Lecturer
Dr. Naveed Mushtaq Assistant Professor	Aasir Ali Lecturer	Hassan Umar Lecturer / DR
K. Zaman Khan Assistant Professor	Muhammad Zubair Tariq Lecturer (on leave)	Sardar Asim Naseer Lecturer / DR
Dr. Ahmed Saeed Assistant Professor	Fahad Najeeb Lecturer (on leave)	Ahsan Javaid Lecturer / DR
Rafiullah Bilal Assistant Professor	Nimra Zia Lecturer	Sara Azhar AP (on leave)
Madiha Riaz Assistant Professor (on leave)	Dr. Muhammad Saqib Nawaz Lecturer	M. Mian Ali Noor Lecturer (on leave)
Dr. Naseer Abbas Khan Assistant Professor	Ali Nawaz Lecturer (on leave)	M. Shahid Iqbal Lecturer (on leave)
Dr. Abdul Qayyum Assistant Professor	Humaira Nadeem Lecturer	Muhammad Bilal Lecturer (on leave)
Kashif Ammar Lecturer	Dr. Muhammad Haroon Rasheed Lecturer (on leave)	
Faheem Athar Haqqani Lecturer	Abid Bin Shakir Lecturer / DR	
Shahid Mahmood Lecturer	Babar Hameed Lecturer / DR	
Dr. Yasmeen Akhtar Lecturer	Muhammad Ali Mufti Lecturer / DR	
Mehwish Rafique Lecturer	Sundus Shahnawaz Lecturer / DR	
Zahid Ali Akbar Lecturer	Shahzad Hassan Lecturer / DR	
Muhammad Moin Qadir Lecturer	Javeria Islam Lecturer / DR	
Khurram Amin Lecturer	Muhammad Hamid Lecturer / DR	



Dr Arfan Shahzad
Professor / Director

Contact

✉ nbs@uos.edu.pk
☎ 048-9230811 - 15 Ext 377
📍 Ibn-e-Rushd Block

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- 5118	Functional English	3(3-0)
URCG-5105	Islamic Studies OR	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Application of Info. & Communication Tech. (ICT)	3(2-1)
BUSB-5101	Introductory Business Economics	3(3-0)
BUSB-5102	Financial Accounting-I	3(3-0)
BUSB-5103	Introduction to Business	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5111	Translation of The Holy Quran-I*	Non Credit
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)
BUSB-5104	Financial Accounting-II	3(3-0)
BUSB-5105	Business Law	3(3-0)
BUSB-5106	Principles of Management	3(3-0)
		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)
BUSB-5107	Principles of Marketing	3(3-0)
BUSB-5108	Money banking and Credit	3(3-0)
BUSB-5109	Business Communication and Report Writing	3(3-0)
		Total 17(17-0)

Semester-4

URCG-5111	Translation of The Holy Quran-II*	Non Credit
URCG-5114	Basic Science	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
URCG-5125	Civics and Community Engagement	2(2-0)
BUSB-5110	Financial Management	3(3-0)
BUSB-5111	Cost and Management Accounting	3(3-0)
BUSB-5112	Business Taxation	3(3-0)
		Total 16(16-0)

Summer Semester

BUSB-5150	Internship	3(0-3)
-----------	------------	--------

Semester-5

PSYC-5101	Introduction to Psychology	3(3-0)
POLS-6107	Introduction to International Relations	3(3-0)
BUSB-6101	Marketing Management	3(3-0)
BUSB-6102	Human Resource Management	3(3-0)
BUSB-6103	Corporate Finance	3(3-0)
		Total 15(15-0)

Semester-6

URCG-5111	Translation of The Holy Quran-III*	Non Credit
SOCI-6138	Logic and Critical Thinking	3(3-0)
MCOM-5101	Intro. to Conventional and Digital Communication	3(3-0)
BUSB-6104	Inferential Analysis	3(3-0)
BUSB-6105	Organizational Behavior	3(3-0)

BUSB-6106	Managerial Economics	3(3-0)
		Total 15(15-0)
Semester-7		
BUSB-6107	Introduction to Data Analytics	3(3-0)
BUSB-6108	Operations and Supply Chain Management	3(3-0)
BUSB-6109	Business Research Methods	3(3-0)
BUSB-6110	Digital Marketing	3(3-0)
BUSB-6151	Capstone Project	3(3-0)
		Total 15(15-0)
Semester-8		
URCG-5111	Translation of The Holy Quran-IV*	NC
BUSB-6111	Ethics	3(3-0)
BUSB-6112	Investment and Portfolio Analysis	3(3-0)
BUSB-6113	Corporate Governance	3(3-0)
BUSB-6114	E-commerce	3(3-0)
BUSB-6115	Strategic Business Management	3(3-0)
		Total 15(15-0)

* Translation of the Holy Quran I, II, III, IV are compulsory only for Muslim students.

BS in Banking and Finance

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		
URCG- 5118	Functional English	3(3-0)
URCG-5105	Islamic Studies OR	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Application of Info. & Comm. Technology (ICT)	3(2-1)
BUSC-5201	Introduction to Business	3(3-0)
BUSC-5202	Money Banking and Credit	3(3-0)
BUSC-5204	Introduction to Book-keeping & Accounting	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5111	Translation of The Holy Quran-I*	Non Credit
URCG-5112	Fables, Wisdom and Epic.	2(2-0)

URCG-5116	A 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)
BUSC-5203	Legal Foundation of Financial Services	3(3-0)
BUSC-5205	Introduction to Management	3(3-0)
BUSC-5206	Marketing for Financial Services	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)
URCI- 5122	Ideology and Constitution of Pakistan	2(2-0)
BUSC-5207	Intro. to Financial System & Banking Regulations	3(3-0)
BUSC-5208	Accounting for Financial Services	3(3-0)
BUSC-5219	HR Management in Services Organizations	3(3-0)
		Total 17(17-0)

Semester-4		
URCG-5111	Translation of The Holy Quran-II*	Non Credit
URCG-5114	Basic Science	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
URCC-5125	Civics and Community Engagement	2(2-0)
BUSC-5209	Digital Marketing for Financial Services	3(3-0)
BUSC-5210	Corporate Tax Management	3(3-0)
BUSC-5211	Advanced Accounting and Auditing	3(3-0)
		Total 16(16-0)

Summer Semester		
BUSC-5250	Internship	3(0-3)

Semester-5		
PSYC-5101	Introduction to Psychology	3(3-0)
POLS-6107	Introduction to International Relations	3(3-0)
BUSC-6201	Branch Management in Banking	3(3-0)
BUSC-6202	Consumer Behavior	3(3-0)
BUSC-6203	Financial Management	3(3-0)
BUSC-6204	Accounting for Financial Managers-I	3(3-0)
		Total 18(18-0)

Semester-6		
URCG-5111	Translation of The Holy Quran-III*	Non Credit
SOCI-6138	Logic and Critical Thinking	3(3-0)
MCOM-5101	Intro. to Conventional & Digital Communication	3(3-0)
BUSC-6205	Corporate Finance	3(3-0)

BUSC-6206	Managerial Economics	3(3-0)
BUSC-6207	Business Research & Capstone Writing	3(3-0)
BUSC-6208	Accounting for Financial Managers-II	3(3-0)
		Total 18(18-0)

Semester-7		
BUSC-6209	International Financial Management	3(3-0)
BUSC-6210	Mutual Funds and Portfolio Management	3(3-0)
BUSC-6211	Capstone Inferential Analysis	3(3-0)
BUSC-6212	Financial Economics	3(3-0)
BUSC-6251	Capstone Project	3(3-0)
		Total 18(18-0)

Semester-8		
URCG-5111	Translation of the Holy Quran*IV	Non Credit
BUSC-6214	Micro Finance	3(3-0)
BUSC-6215	Banking Risk Management	3(3-0)
BUSC-6216	Islamic Banking	3(3-0)
BUSC-6217	Credit Management	3(3-0)
BUSC-6213	Financial Statement Analysis	3(3-0)
		Total 18(18-0)

* Only for Muslim

BS in Entrepreneurship and SME Management

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		
URCG- 5118	Functional English	3(3-0)
URCG-5105	Islamic Studies OR	2(2-0)
URCG-5126	Religious Education/Ethics	
URCG-5123	Application of Info. & Comm. Tech. (ICT)	3(2-1)
BUSB-5304	Money Banking and Finance	3(3-0)
BUSB-5301	Introduction to Business	3(3-0)
BUSB-5302	Introduction to Accounting	3(3-0)
		Total 17(16-1)
Semester-2		
URCG-5111	Translation of The Holy Quran-I*	Non Credit
URCG-5112	Fables, Wisdom and Epic.	2(2-0)
URCG-5116	A 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)
BUSB-5303	Principles of Management	3(3-0)
BUSB-5312	Advanced Accounting	3(3-0)
BUSB-5305	Business Plan Development	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)
URCI- 5122	Ideology and Constitution of Pakistan	2(2-0)
BUSB-5306	Human Resource Management	3(3-0)
BUSB-5307	Financial Management	3(3-0)
BUSB-5308	Principles of Marketing	3(3-0)
Total 17(17-0)		

Semester-4

URCG-5111	Translation of The Holy Quran-II*	Non Credit
URCG-5114	Basic Science	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
URCC-5125	Civics and Community Engagement	2(2-0)
BUSB-5309	E-Business Management	3(3-0)
BUSB-5310	Taxation for Entrepreneurs	3(3-0)
BUSB-5311	Business Communication & Report Writing	3(3-0)
Total 16(16-0)		

Summer Semester

BUSB-5350	Internship	3(0-3)
-----------	------------	--------

Semester-5

PSYC-5101	Introduction to Psychology	3(3-0)
POLS-6107	Introduction to International Relations	3(3-0)
BUSB-6301	SME Management	3(3-0)
BUSB-6302	Legal Framework for Entrepreneurship	3(3-0)
BUSB-6303	Business Ethics and CSR	3(3-0)
BUSB-6304	Organization Behavior	3(3-0)
Total 18(18-0)		

Semester-6

URCG-5111	Translation of The Holy Quran-III*	Non Credit
SOCI-6138	Logic and Critical Thinking	3(3-0)
MCOM-5101	Intro. to Conventional & Digital Communication	3(3-0)
BUSB-6305	Digital Marketing	3(3-0)
BUSB-6306	Innovative Business Models	3(3-0)

BUSB-6307	Consumer Behavior	3(3-0)
BUSB-6308	Strategic Management	3(3-0)
Total 18(18-0)		

Semester-7

BUSB-6310	SME Supply Chain Management	3(3-0)
BUSB-6311	Marketing Management	3(3-0)
BUSB-6313	Digital Entrepreneurship	3(3-0)
BUSB-6314	Marketing Research for SME Management	3(3-0)
BUSB-6351	Capstone Project	3(3-0)
BUSB-5350	Internship	3(3-0)
Total 18(18-0)		

Semester-8

URCG-5111	Translation of The Holy Quran-IV*	Non Credit
BUSB-6312	Managerial Economics	3(3-0)
BUSB-6315	Venture Financing	3(3-0)
BUSB-6316	Distribution Management	3(3-0)
BUSB-6317	Innovation Management	3(3-0)
BUSB-6309	Social Media Marketing	3(3-0)
Total 15(15-0)		

* Only for Muslim

BS in Public Administration

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		
URCG- 5118	Introduction to Business	3(3-0)
URCG-5105	Introduction to Public Administration	2(2-0)
URCG-5126	Fundamentals of Business Economics	
URCG-5123	Application of Info. & Comm. Tech. (ICT)	3(2-1)
BUSB-5203	Introduction to Business	3(3-0)
BUSB-5201	Introduction to Public Administration	3(3-0)
BUSB-5202	Fundamentals of Business Economics	3(3-0)
Total 17(16-1)		

Semester-2

URCG-5111	Translation of The Holy Quran-I*	Non Credit
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)
BUSB-5204	Financial Accounting	3(3-0)
BUSB-5205	Business & Company Law	3(3-0)
BUSB-5206	Business Taxation	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)
URCI- 5122	Ideology and Constitution of Pakistan	2(2-0)
BUSB-5207	Money Banking & Finance	3(3-0)
BUSB-5208	Principles of Management	3(3-0)
BUSB-5211	Principles of Auditing	3(3-0)
Total 17(17-0)		

Semester-4

URCG-5111	Translation of The Holy Quran-II*	Non Credit
URCG-5114	Basic Science	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
URCC-5125	Civics and Community Engagement	2(2-0)
BUSB-5209	Principles of Marketing	3(3-0)
BUSB-5210	Cost & Management Accounting	3(3-0)
BUSB-5211	Financial Management	3(3-0)
Total 16(16-0)		

Summer Semester

BUSB-5250	Internship	3(0-3)
-----------	------------	--------

Semester-5

PSYC-5101	Introduction to Psychology	3(3-0)
POLS-6107	Introduction to International Relations	3(3-0)
BUSB-6201	Public Personnel Management	3(3-0)
BUSB-6203	Research Methods & Report Writing	3(3-0)
BUSB-6204	Public Administration Operations Mgt.	3(3-0)
BUSB-6218	Public-Private Partnership & Philanthropy	3(3-0)
Total 18(18-0)		

Semester-6

URCG-5111	Translation of The Holy Quran-III*	Non Credit
SOCI-6138	Logic and Critical Thinking	3(3-0)
MCOM-5101	Intro. to Conventional & Digital Communication	3(3-0)
BUSB-6205	Public Sector Accounting & Auditing	3(3-0)

BUSB-6206	Urban Planning and Development	3(3-0)
BUSB-6207	Project Planning and Management	3(3-0)
BUSB-6208	Managerial Economics	3(3-0)
Total 18(18-0)		

Semester-7

BUSB-6209	Industrial & Labor Relations	3(3-0)
BUSB-6210	Disaster & Risk Management	3(3-0)
BUSB-6211	Strategic Management	3(3-0)
BUSB-6212	Public Finance	3(3-0)
BUSB-6213	Economic Policy and Development in Pakistan	3(3-0)
BUSB-6251	Capstone Project	3(3-0)
Total 18(18-0)		

Semester-8

URCG-5111	Translation of The Holy Quran-IV*	Non Credit
BUSB-6214	MIS and E-Governance	3(3-0)
BUSB-6215	Leadership	3(3-0)
BUSB-6216	Public Policy Analysis of Pakistan	3(3-0)
BUSB-6217	Corporate Governance & CSR	3(3-0)
BUSB-6219	Contemporary Issues in Public Administration	3(3-0)
Total 15(15-0)		

* Only for Muslim

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		
URCE 5101	English I (Grammar)	3(3+0)
BUSC-5101	Introduction to Business	3(3+0)
URCI-5109	Introduction to Information & Communication Technologies	3(2+1)
URCM-5101	Introduction to Mathematics	3(3+0)
URCI-5101	Islamic Studies	3(3+0)
PSYC 5101	Introduction to Psychology	3(3+0)
Total 18(17-1)		
Semester-2		
URCE-5102	English II (Language Comprehension & Presentation Skills)	3(3+0)

BUSC-5102	Introduction to Book-keeping & Accounting	3(3+0)
BUSC-5112	Business Ethics and CSR	3(3+0)
URCP-5106	Pakistan Studies	3(3+0)
ECON-5113	Microeconomics	3(3+0)
BUSC-5113	Business Communication & Report Writing	3(3+0)
URCC-5110	Citizenship Education and Community Engagement	NC
Total 17(17-0)		

Semester-3

BUSC-5103	Financial Accounting	3(3+0)
BUSC-5104	Introduction to Management	3(3+0)
ECON-5114	Macro Economics	3(3+0)
BUSC-5110	Money Banking and Credit	3(3+0)
BUSC-5114	Technical Writing & Presentation	3(3+0)
BUSC-5128	Financial and Regulatory Institutions	3(3+0)
Total 18(18-0)		

Semester-4

BUSC-5116	Advanced Accounting	3(3-0)
BUSC-5117	Interpersonal Skills at Work	3(3-0)
STAT-5127	Business Statistics	3(3-0)
BUSC-5129	Business Law	3(3-0)
ECON-5115	Pakistan Economics	3(3-0)
BUSC-5119	Logical Thinking	3(3-0)
Total 18(15-3)		

Semester-5

BUSC-6159	Managerial Accounting	3(3-0)
BUSC-6160	Human Resource Management	3(3-0)
BUSC-6114	Financial Management	3(3-0)
BUSC-6117	Business Inferential Analysis	3(3-0)
BUSC-6118	Organizational Behavior	3(3-0)
BUSC-6161	Auditing	3(3-0)
Total 18(18-0)		

Semester-6

BUSC-6162	Fundamentals of Marketing	Non Credit
BUSC-6122	Business Research & Report Writing	3(3-0)
BUSC-6188	Entrepreneurship	3(3-0)
BUSC-6163	Business Tax Management	3(3-0)
BUSC-6189	Public Sector Accounting	3(3-0)
Total 15(15-0)		

Semester-7

BUSC-6190	Corporate Financial Management	3(3-0)
BUSC-6142	Investment Analysis and Portfolio Management	3(3-0)
BUSC-6191	Multinational Financial	3(3-0)
BUSC-6192	Accounting Information System	3(3-0)
BUSC-6193	Islamic Finance	3(3-0)
Total 18(18-0)		

Semester-8

BUSC-6167	Corporate Governance in Pakistan	3(3-0)
BUSC-6194	IT in Financial Services	3(3-0)
BUSC-6136	Financial Statement Analysis	3(3-0)
BUSC-6195	Production and Operations Management	3(3-0)
BUSC-6196	Risk Management	3(3-0)
Total 15(15-0)		

9 Weeks Internship Report and Viva Voce (Qualifying)

BBA (after 14-years schooling)

Eligibility: At least 45% marks in graduation or equivalent
Duration: 2 Years
Semesters: 5
Degree Requirements: 75 credit hours + internship viva voce

Code	Course Title	C/Hr.
Semester-1		
URCE-6105	Study Skills	3(3-0)
URCI-6154	Seerat-un-Nabi (SAW)	3(3-0)
MATH-5135	Linear Algebra	3(3-0)
BUSB-6151	Principles of Accounting	3(3-0)
BUSB-6152	Principles of Management	3(3-0)
BUSB-6153	Principles of Marketing	3(3-0)
Total 18(18-0)		
Semester-2		
URCE-6106	Intercultural Communication	3(3-0)
URCP-6105	Pakistani Society and Culture	3(3-0)
BUSB-6154	Advanced Accounting and Auditing Methods	3(3-0)
BUSB-6155	Fundamentals of Financial Management	3(3-0)
BUSB-6156	Communication in Business	3(3-0)
BUSB-6157	Quantitative Analysis in Business	3(3-0)
Total 18(18-0)		

Semester-3 (Summer)		
BUSB-6117	Business Inferential Analysis	3(3-0)
BUSB-6158	Human Resource Management	3(3-0)
		Total 6(6-0)

Semester-4		
BUSB-6122	Business Research & Report Writing	3(3-0)
BUSB-6123	Intermediate Finance	3(3-0)
BUSB-6124	Entrepreneurship & SME Management	3(3-0)
BUSB-61xx	Specialization I	3(3-0)
BUSB-61xx	Specialization II	3(3-0)
		Total 15(15-0)

Semester-5		
BUSB-6118	Organizational Behavior	3(3-0)
BUSB-6125	Business Ethics	3(3-0)
BUSB-6126	Interpersonal Skills	3(3-0)
BUSB-6127	Operations Management	3(3-0)
BUSB-61xx	Specialization III	3(3-0)
BUSB-61xx	Specialization IV	3(3-0)
		Total 18(18-0)

BS in Business Analytics

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: 133 credit hours + internship viva voce

Code	Course Title	C/Hr.
Semester-1		
URCG 5105	Functional English	3(3+0)
URCG-5126	Islamic Studies OR Ethics	2(2+0)
URCG-5123	Application of Info & Comm. Technologies (ICT)	3(2+1)
BUSB-5401	Introduction to Business	3(3+0)
BUSB-5402	Introduction to Book-keeping & Accounting	3(3+0)
BUSB-5406	Money Banking and Credit	3(3+0)
		Total 18(17-1)
Semester-2		
URCG-5111	Translation of The Holy Quran*1	NC
URCG-5112	Fables, Wisdom and Epic.	2(2-0)

URCG-5116	A 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)
BUSB-5403	Financial Accounting	3(3-0)
BUSB-5404	Introduction to Management	3(3-0)
BUSB-5405	Financial Management	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)
URCI- 5122	Ideology and Constitution of Pakistan	2(2-0)
BUSB-5407	Technology in Business	3(3-0)
BUSB-5408	Advanced Accounting	3(3-0)
BUSB-5409	Fundamentals of Marketing	3(3-0)
		Total 17(17-0)

Semester-4		
URCG-5111	Translation of The Holy Quran*II	NC
URCG-5114	Basic Science	3(3-0)
URCG-5124	Entrepreneurship	2(2-0)
URCC-5125	Civics and Community Engagement	2(2-0)
BUSB-5410	Introduction to Business Analytics	3(3-0)
BUSB-5411	Management Information System	3(3-0)
BUSB-5412	Managerial Accounting	3(3-0)
		Total 16(16-0)

Summer Semester		
BUSB-5450	Internship	3(0-3)
Semester-5		
PSYC-5101	Introduction to Psychology	3(3-0)
POLS-6107	Introduction to International Relations	3(3-0)
BUSB-6401	Business Analytics Tools	3(3-0)
BUSB-6402	Business Inferential Analysis	3(3-0)
BUSB-6403	Business Tax Management	3(3-0)
		Total 16(16-0)

Semester-6		
URCG-5111	Translation of The Holy Quran*III	NC
SOCI-6138	Logic and Critical Thinking	3(3-0)
MCOM-5101	Introduction to Conventional and Digital Communication	3(3-0)
BUSB-6404	Human Resource Management	3(3-0)
BUSB-6405	Business Research & Report Writing	3(3-0)

BUSB-6406	Data Transformations in Business	3(3-0)
		Total 15(15-0)

Semester-7		
BUSB-6407	Managerial Economics	3(3-0)
BUSB-6408	Business Analytics in Finance	3(3-0)
BUSB-6409	Enterprise Resource Planning	3(3-0)
BUSB-6410	Business Analytics in Marketing	3(3-0)
BUSB-6411	Financial Statement Analysis	3(3-0)
BUSB-6451	Capstone Project	3(3-0)
		Total 18(18-0)

Semester-8		
URCG-5111	Translation of The Holy Quran*VI	NC
BUSB-6412	Business Analytics in Supply Chain	3(3-0)
BUSB-6413	Machine Learning in Business	3(3-0)
BUSB-6414	Business Analytics in Python	3(3-0)
BUSB-6415	Database Design and Applications in Business	3(3-0)
BUSB-6416	Financial Technology	3(3-0)
		Total 15(15-0)

*Translation of the Holy Quran I, II, III, VI are compulsory only for Muslim Students

Executive MBA (Weekend Program)

Eligibility: At least 45 % marks in BS/MA/MSc (16 years of education) or equivalent from HEC recognized institution. The candidate has to qualify the admission test.

The candidate must have 3 years of professional experience.

Duration: 2 Years

Semesters: 4

Degree Requirements: 70 credit hours + viva voce

Code	Course Title	C/Hr.
Semester-1		
BUSM 7328	Business Organization Management	3(3-0)
BUSM 7329	Applied Finance Concepts	3(3-0)
BUSM 7330	Applied Marketing Concepts	3(3-0)
BUSM 7331	Business Economics	3(3-0)
BUSM 7332	Quantitative Techniques in Business	3(3-0)
BUSM 7333	Financial Accounting	3(3-0)
		Total 18(18-0)

Semester-2		
BUSM 7334	Human Resource Management	3(3-0)
BUSM 7335	Financial Management	3(3-0)
BUSM 7336	Marketing Management	3(3-0)
BUSM 7337	Managerial Economics	3(3-0)
BUSM 7338	Research Methodology and Data Analysis	3(3-0)
BUSM 7339	Cost and Management Accounting	3(3-0)
		Total 18(18-0)

* Students willing to opt thesis or courses must inform in writing to department at the start of their 3rd semester.

Semester-3		
BUSM XXXX	Elective-I	3(3-0)
BUSM XXXX	Elective-II	3(3-0)
BUSM XXXX	Elective III	3(3-0)
BUSM XXXX	Elective IV	3(3-0)
		Total 12(12-0)

Semester-4		
BUSM XXXX	Elective V	3(3-0)
BUSM XXXX	Elective VI	3(3-0)
BUSM XXXX	Elective VII or Dissertation*	3(3-0)
		Total 12(12-0)

***Dissertation Policy:**

Dissertation Code BUSM 7140 Credit Hours 6

The student can opt research thesis (optional) of 6 credit hours instead of two Elective Courses

MBA

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: 33 credit hours - Internship viva voce
Note: Duration of MBA shall be 1.5 years for candidates having relevant qualification.

Code	Course Title	C/Hr.
Semester-1		
BUSM-7101	Accounting for New Ventures	3(3-0)

BUSM-7102	Applied Business Economics	3(3-0)
BUSM-7103	Contemporary Business Management	3(3-0)
BUSM-7104	Strategic Marketing	3(3-0)
		Total 12(12-0)

Semester-2		
BUSM-7105	Financial Market Theory	3(3-0)
BUSM-7106	Advanced Research Methods	3(3-0)
BUSM-71xx	Specialization - I	3(3-0)
BUSM-71xx	Specialization - II	3(3-0)
		Total 12(12-0)

Semester-3		
BUSM-7107	Quantitative Data Analysis	3(3-0)
	Specialization – III*	3(3-0)
	Specialization – IV*	3(0-3)
		Total 9(6-3)

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)

Note: NOC from employer, that full time study leave will be granted in case of admission of candidate (for job holders only) OR undertaking by the applicant on stamp paper (Rs 50) that the applicant is not a job holder and available full time for MS program.

Duration: 2 Years

Semesters: 4

Degree Requirements: 33 credit hours

Code	Course Title	C/Hr.
Semester-1		
BUSM-7201	Advanced Statistics and Econometrics	3 (3-0)
BUSM-7202	Management Theory and Practice	3 (3-0)
BUSM-72xx	Elective - I	3 (3-0)
BUSM-72xx	Elective-I I	3 (3-0)
		Total 12(12-0)

Semester-2		
BUSM-7203	Advanced Research Methods and Designs	3 (3-0)
BUSM-7204	Applied Data Analysis	3 (3-0)
BUSM-72xx	Elective-III	3 (3-0)
BUSM-72xx	Elective-IV	3 (3-0)
		Total 12(12-0)

Semester-3		
BUSM-72xx	Elective -V	3(3-0)
		Total 3(3-0)

Semester-4		
BUSM-72xx	Research Thesis	6(0-6)
		Total 6(0-6)

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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
BUSM-8101	Advanced Statistics and Econometrics	3(3-0)
BUSM-xxxx	Elective-I	3(3-0)
BUSM-xxxx	Elective-II	3(3-0)
		Total 9(9-0)

Semester-2		
BUSM-8102	Contemporary Theoretical Perspective in Management	3(3-0)
BUSM-xxxx	Elective-I	3(3-0)
BUSM-xxxx	Elective-II	3(3-0)
		Total 9(9-0)

Semester-3 & onward		
BUSM-xxxx	Doctoral Dissertation	

Note: Scheme of Studies of Executive MBA, MBA, MS and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF POLITICS AND INTERNATIONAL RELATIONS



Dr Asia Saif Alvi
Assistant Professor / Incharge

Contact

✉ dpir@uos.edu.pk
☎ 048-9230106, 9230811 - 15 Ext 390
📍 Sir Syed Block

FACULTY

Dr. Muhammad Azam
Assistant Professor

Farzad Ahmed Cheema
Assistant Professor

Syed Imran Abbas
Assistant Professor

Dr. Ashfaq Ahmed
Assistant Professor

Hafiz Muhammad Umer
Lecturer

Dr. Misbah Shaheen
Lecturer (on leave)

Aamir Bashir
Lecturer

Amir Nadeem (on lien)
Lecturer

Mehreen Yaseen
Lecturer

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: 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)
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-5111	Translation of Holy Quran	Non Credit
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)
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 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)
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-5111	Translation of Holy Quran	Non Credit
		Total 16(15-1)

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 Developing Nations	3(3+0)
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)
URCG-5111	Translation of Holy Quran	Non Credit
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(3+0)
Total 15(15-0)		

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)
URCG-5111	Translation of Holy Quran	Non Credit
Total 15(15-0)		

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: 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. Technologies (ICT)	3(2-1)
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)
Total 17(16-1)		

Semester-2		
URCG-5111	Translation of Holy Quran	NC
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)
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 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)
INTR-5107	Research methodology	3(3-0)
INTR-5108	International Law	3(3-0)
INTR-5109	International Organizations	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)
INTR-5110	Diplomacy	3(3-0)
INTR-5111	Politics of the Middle East	3(3-0)
INTR-5112	China-Pakistan Relations	3(3-0)
URCG-5111	Translation of Holy Quran	Non Credit
Total 16(15-1)		

Summer Semester		
INTR-6139	Internship	3(0-3)

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)
URCG-5111	Translation of Holy Quran	Non Credit
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(3-0)
Total 15(15-0)		

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)
URCG-5111	Translation of Holy Quran	Non Credit
Total 15(15-0)		

BS in Political Science (5th Semester Intake)

Eligibility: At least 50% marks in BA/ADA and 50% marks in the subject of Political Science as elective.

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 Pakistan: 1947 to Present	3(3-0)
POLS-6305	Comparative Politics	3(3-0)

Total 18(18-0)

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)

Total 15(15-0)

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)

BS in International Relations (5th Semester Intake)

Eligibility: At least 50% marks in BA/ADA and 50% marks in the subject of International Relations as elective.

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)
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)
Total 18(18-0)		

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	3(3-0)

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)

Total 15(15-0)

MPhil Political Science

Eligibility: Master/BS (4-year) degree from recognized institution with at least 2nd division or 2.00 CGPA out of 4.00 in one of the following subjects:

International Relations; Political Science; Defence & Strategic Studies; Diplomatic Studies; International Law; Law; History; Pakistan Studies; War Studies; Peace & Conflict Studies; Security Studies; Mass Communication; Governance & Public Policy; Sociology + 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.
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)
Total 12(12-0)		

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)

Total 12(12-0)



Semester-3 & 4

Thesis/Dissertation 6(0-6)

Total 6(0-6)**MPhil International Relations**

Eligibility: Master/BS (4-year) degree from recognized institution with at least 2nd division or 2.00 CGPA out of 4.00 in one of the following subjects:

International Relations; Political Science; Defence & Strategic Studies; Diplomatic Studies; International Law; Law; History; Pakistan Studies; War Studies; Peace & Conflict Studies; Security Studies; Mass Communication; Governance & Public Policy; Sociology + 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.
------	--------------	-------

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)
--	-------------	--------

Total 12(12-0)**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)
--	-------------	--------

Total 12(12-0)**Semester-3 & 4**

Thesis/Dissertation 6(0-6)

Total 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: 18 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)
--	----------	--------

Total 9(9-0)**Semester-2**

POLS-8103	Democracy and Democratization	3(3-0)
-----------	-------------------------------	--------

POLS-8104	Political Culture	3(3-0)
-----------	-------------------	--------

	Optional	3(3-0)
--	----------	--------

Total 9(9-0)**Semester-3 & onward**

Thesis/Dissertation

Note: Scheme of Studies of all MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF PSYCHOLOGY



Dr Najma Iqbal Malik
Professor / Chairperson

Contact

✉ psychology@uos.edu.pk
☎ 048-9230811 - 15 Ext 398, 399
📍 Sir Syed Block

FACULTY

Dr. Sadia Malik
Associate Professor

Dr. Saba Ghayas
Assistant Professor

Dr. Rehana Ilyas
Assistant Professor

Dr. Mohsin Atta
Assistant Professor

Dr. Sultan Shujah
Assistant Professor

Dr. Naveed Riaz
Assistant Professor

Dr. Sumaya Batool
Lecturer

Dr. Aneeza Bashir
Lecturer

Dr. Sadia Niazi
Lecturer

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: 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)
PSYC-5101	Introduction to Psychology	3(3-0)
PSYC-5105	Experimental Psychology	3(3-0)
PSYC-5107	Educational Psychology	3(3-0)
URCG-5111	Translation of Holy Quran-I	NC
Total 16(16-0)		
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)
PSYC-5102	History and Systems in Psychology	3(3-0)
PSYC-5106	Social Psychology	3(3-0)
PSYC-6122	Health Psychology	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)
PSYC-6231	Environmental Psychology	3(3-0)
PSYC-6134	Positive Psychology	3(3-0)
PSYC-5104	Sports Psychology	3(3-0)
URCG-5111	Translation of Holy Quran-II	NC
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)
PSYC-6109	Cross-Cultural Psychology	3(3-0)
PSYC-6133	Para Psychology	3(3-0)
PSYC-6230	Leadership and Motivation	3(3-0)

Total 16(15-1)

Semester-5

PSYC-6111	Principles & Applications of Psy. Assessment	3(3-0)
PSYC-6112	Fundamental Statistics in Psychology	3(3-0)
PSYC-6115	Neurological Basis of Behavior	3(3-0)
PSYC-6108	Introduction to Research Methodology	3(3-0)
PSYC-6110	Computer Applications in Psychology	3(3-0)
BUSB-5104	Introduction to Management	3(3-0)
URCG-5111	Translation of Holy Quran-III	NC

Total 18(18-0)

Semester-6

PSYC-6114	Advanced Research Methodology	3(3-0)
-----------	-------------------------------	--------

PSYC-6121	Neurological Dysfunctions	3(3-0)
PSYC-6116	Applications of Statistics in Psychology	3(3-0)
PSYC-6113	Historical Perspectives in Abnormal Psychology	3(3-0)
PSYC-6118	Personality Psychology	3(3-0)
ULAW-5132	Introduction to Human Rights	3(3-0)

Total 18(18-0)

Semester-7

PSYC-6120	Clinical Psychology	3(3-0)
PSYC-6137	Personality Assessment (Internship)	3(3-0)
PSYC-6119	Psychopathology	3(3-0)
PSYC-6125	Thesis/Research Project (Capstone Project)	3(3-0)
SOCI-5101	Introduction to Sociology	3(3-0)
URCG-5111	Translation of Holy Quran-IV	Non Credit

Total 15(15-0)

Semester-8

PSYC-6126	Counseling Psychology	3(3-0)
PSYC-6127	Cognitive Psychology	3(3-0)
PSYC-6125	Thesis/Research Project (Capstone Project)	3(3-0)
EDUC-5208	Art, Craft and Calligraphy	3(3-0)
PSYC-6132	Forensic Psychology	3(3-0)

Total 15(15-0)

BS in Psychology (5th Semester Intake)

Eligibility: At least 45% marks 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-6301	Introduction to Research Methodology	3(3-0)
PSYC-6302	Cross-Cultural Psychology	3(3-0)
PSYC-6303	Computer Application in Psychology	3(3-0)
PSYC-6304	Principles of Psychological Assessment	3(3-0)
PSYC-6305	Fundamental Statistics in Psychology	3(3-0)
PSYC-6306	Historical Perspectives in Abnormal Psychology	3(3-0)

Total 18(18-0)

Semester-2

PSYC-6307	Advance Research Methodology	3(3-0)
PSYC-6308	Neurological Basis of Behavior	3(3-0)
PSYC-6309	Applications of Statistics in Psychology	3(3-0)
PSYC-6310	Applications of Psychological Assessment	3(3-0)
PSYC-6311	Personality Psychology	3(3-0)
PSYC-6312	Psychopathology	3(3-0)
URCC-5110	Citizenship Education and Community Engagement	0(0-0)

Total 18(18-0)

Semester-3

PSYC-6313	Clinical Psychology	3(3-0)
PSYC-6314	Neurological Dysfunctions	3(3-0)
PSYC-6315	Health Psychology	3(3-0)
PSYC-6316	Developmental Psychology	3(3-0)
PSYC-6317	Gender Issues in Psychology	3(3-0)
PSYC-6318a	Project (with PSYC-6318 b) (Compulsory)	3(3-0)

Total 18(18-0)

Semester-4

PSYC-6319	Counseling Psychology	3(3-0)
PSYC-6320	Cognitive Psychology	3(3-0)
PSYC-6321	Psychology of Advertising & Marketing Research	3(3-0)
PSYC-6318 (b)	Project (with PSYC-6318a) (Compulsory) Thesis	3(3-0)
PSYC-63xx	Optional course	3(3-0)

Total 15(15-0)

ADCP

Eligibility: Second division or CGPA-2.00 out of 4.00 in MSc/BS in Psychology/ Applied Psychology from HEC recognized institutions Departmental Test (at least 50% marks) + 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)

Total 14(12-2)

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)

Total 16(10-6)

MPhil Psychology

Eligibility: Second division or CGPA-2.00 out of 4.00 in MSc/BS Psychology/ Applied Psychology or any other relevant discipline from HEC recognized institutions + Departmental Test (at least 50% marks) + interview.

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
PSYC-7101	Advanced Statistics & Computers (SPSS)	3(3-0)
PSYC-7102	Qualitative and Quantitative Research Methods	3(3-0)
PSYC-7103	Psychological Assessment	3(3-0)
PSYC-7104	Contemporary Issues, Theory & Studies in Psychology	3(3-0)

Total 12(12-0)

* In second semester students have to opt any one of the specializations from the following options.

Semester-2

Area of Specialization I: Clinical Psychology

(Note: Course 1, 2 & 5 are compulsory, opt any one course from other options to complete 12 Cr. Hrs.)

PSYC-7105	Advance Clinical Psychology and Psychopathology	3(3-0)
PSYC-7106	Clinical Psycho diagnosis & Assessment	3(3-0)
PSYC-7107	Developmental Psychopathology	3(3-0)

PSYC-7108	Psychology of Individual Differences	3(3-0)
PSYC-7109	Clinical Psychotherapies: Theory & Practice	3(3-0)
PSYC-7110	Neurological Bases of Behavior	3(3-0)
Total 12(12-0)		

Area of Specialization II: Social Psychology

(Note: Course 1, 2 & 5 are compulsory, opt any one course from other options to complete 12 Cr. Hrs.

PSYC-7111	Advances in Social Psychology	3(3-0)
PSYC-7112	Psychology of Attitude and Opinion	3(3-0)
PSYC-7113	Psychology of Self	3(3-0)
PSYC-7114	Media Culture and Society	3(3-0)
PSYC-7115	Group Processes and Leadership	3(3-0)
PSYC-7116	Socio-pathology: Identification and Treatment	3(3-0)
Total 12(12-0)		

Area of Specialization III: Community Psychology

PSYC-7117	Community Psychology	3(3-0)
PSYC-7118	Cross-Cultural Psychology	3(3-0)
PSYC-7119	Psychology of Gender	3(3-0)
PSYC-7120	Crime and Deviance	3(3-0)
Total 12(12-0)		

Area of Specialization IV: Counseling Psychology

PSYC-7121	Psychology of Lifespan Development	3(3-0)
PSYC-7122	Personality and Individual differences	3(3-0)
PSYC-7123	Family Science	3(3-0)
PSYC-7124	Counseling: Theory and Practice	3(3-0)
Total 12(12-0)		

Semester 3 to 4 Research Work

PSYC-7125	The student will complete a stand alone thesis in his/her area of specialization	6(0-6)
Total 6(0-6)		



MS Industrial Organizational Psychology

Eligibility: Second division or CGPA-2.00 out of 4.00 in MSc/BS Psychology/ Applied Psychology or any other relevant discipline from HEC recognized institutions + Departmental Test (at least 50% marks) + interview.

Duration: 2-4 Years

Semesters: 4-8

Degree Requirements: 24 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)
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)
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 Applied Psychology or any other relevant discipline 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: 18 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)
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)
Semester-3 to 6		
PSYC-8135	Dissertation	

Note: Scheme of Studies of MS, MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.

DEPARTMENT OF SOCIAL WORK



Dr. Beenish Ijaz Butt
Professor / Chairperson

Contact

✉ socialwork@uos.edu.pk
☎ 048-9230900, 9230811 - 15 Ext 395
📍 Sir Syed Block

FACULTY

Dr. Sadia Rafi
Assistant Professor

Dr. Mumtaz Ali
Assistant Professor

Dr. Maliha Gull Tarar
Assistant Professor

Dr. Aaqib Shahzad Alvi
Assistant Professor

Asiya Anwar
Lecturer

Rana Imran Ahmed
Lecturer

Tauqir Amir
Lecturer

Zeeshan Munawar
Lecturer

Yasir Javid
Lecturer

Ishaque Ahmad
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: 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)
URCG-5111	Translation of Holy Quran	NC
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 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)
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)
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)
URCG-5111	Translation of Holy Quran	Non Credit
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 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)
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)

URCG-5111	Translation of Holy Quran	Non Credit
-----------	---------------------------	------------

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 Practice 6(0-6) 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 Practice 6(0-6) at Micro, Macro &Mezo Level (Program specific requirement)	

Total 21(15-6)

SOWK-6129	Translation of Holy Quran	Non Credit
-----------	---------------------------	------------

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	3(3-0)
SOWK-6132	Gender & Development	3(3-0)
SOWK-6133	Child Protection	3(3-0)
SOWK-6134	School Social Work	3(3-0)
SOWK-6135	Rural Development and Local Government	3(3-0)
SOWK-6136	Social Work and Disaster Management	3(3-0)
SOWK-6137	Drug Abuse Prevention	3(3-0)

BS in Social Work (5th Semester Intake)

Eligibility: At least 45% marks in BA/ BSc/ ADA/ ADS or equivalent

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)
-----------	----------------------------	--------

SOWK-6305	Social Problems	3(3-0)
-----------	-----------------	--------

SOWK-6306	Historical Devel. of Social Work & Social Welfare	3(3-0)
-----------	---	--------

Total 18(18-0)

Semester-2

SOWK-6307	Social Group Work	3(3-0)
-----------	-------------------	--------

SOWK-6308	Theories of Social Work- II	3(3-0)
-----------	-----------------------------	--------

SOWK-6309	Social Policy	3(3-0)
-----------	---------------	--------

SOWK-6310	NGO Management	3(3-0)
-----------	----------------	--------

SOWK-6311	Field Work & Report Writing- I	6(0-6)
-----------	--------------------------------	--------

Total 18(12-6)

Semester-3

SOWK-6312	Research in Social Work	3(3-0)
-----------	-------------------------	--------

SOWK-6313	Social Action	2(2-0)
-----------	---------------	--------

SOWK-6314	Social Welfare Administration	3(3-0)
-----------	-------------------------------	--------

SOWK-6315	Field Work & Report Writing- II	6(0-6)
-----------	---------------------------------	--------

SOWK-63xx	Optional Course-I (any one from list A)	3(3-0)
-----------	---	--------

Total 18(12-6)

Semester-4

SOWK-6316	Statistics and Data Analysis in Social Work	3(3-0)
-----------	---	--------

SOWK-6317	Laws for Social Work in Pakistan	3(3-0)
-----------	----------------------------------	--------

SOWK-6318	Human Resource Development in Social Work	3(3-0)
-----------	---	--------

SOWK-6319	Research Thesis	6(6-0)
-----------	-----------------	--------

SOWK-63xx	Optional Course-II (any one from list B)	3(3-0)
-----------	--	--------

Total 18(12-6)

Optional Course-I (List A)

SOWK-6320	Medical and Psychiatric Social Work	3(3-0)
-----------	-------------------------------------	--------

SOWK-6321	Gender & Development	3(3-0)
-----------	----------------------	--------

SOWK-6322	Child Protection	3(3-0)
-----------	------------------	--------

SOWK-6323	Criminology	Total 12(12-0)
-----------	-------------	-----------------------

Optional Course-II (List B)

SOWK-6324	School Social Work	3(3-0)
-----------	--------------------	--------

SOWK-6325	Rural Development and Local Government	3(3-0)
-----------	--	--------

SOWK-6326	Social Work and Disaster Management	3(3-0)
-----------	-------------------------------------	--------

SOWK-6327	Drug Abuse Prevention	3(3-0)
-----------	-----------------------	--------

MPhil Social Work

Eligibility: MSc/MA or equivalent degree 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: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
------	--------------	-------

Major Courses

SOWK-7101	Philosophy of Social Science	3(3-0)
-----------	------------------------------	--------

SOWK-7102	SW Treatment: Interlocking Theoretical Approaches	3(3-0)
-----------	---	--------

SOWK-7103	Social Work Practice with Groups	3(3-0)
-----------	----------------------------------	--------

SOWK-7104	Dynamics of Organizations and 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)
-----------	--	--------

Minor 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 SW: Towards Rights-Based 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 Govt. of Life: Foucault, Bio politics, & Neoliberalism	3(3-0)
-----------	--	--------

SOWK-7121	Thesis/Dissertation (Semester 3 & 4)	3(3-0)
-----------	---------------------------------------	--------

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: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester I & II		
SOWK-8101	Theories of Social Work	3(3-0)
SOWK-8102	Practice Perspectives and Models of Social Work	3(3-0)
SOWK-8103	Social Work Perspectives on Social Protection	3(3-0)
SOWK-8104	Advanced Social Work Methods	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)
SOWK-8109	Philosophy of Social Science	3(3-0)
Semester III onwards		
SOWK-8110	PhD Dissertation	

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



DEPARTMENT OF SOCIOLOGY AND CRIMINOLOGY



Dr. Mian Ghulam Yasin

Professor / Chairperson

Contact

✉ Sociology@uos.edu.pk
☎ 048-9230122, 9230811 - 15 Ext 404
📍

FACULTY

Shahzad Khaver Mushtaq
Assistant Professor

Dr. Asma Yunus
Assistant Professor

Tauqeer Ahmad
Lecturer

Saima Manzoor
Lecturer

Muhammad Mohsin
Lecturer

Muhammad Zain-ul-Abidin
Lecturer

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: 120-144 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-5116	Science of Society-I	02 (2+0)
URCG-5127	Seerat of the Holy Prophet (SAW) *	01 (1+0)
URCG-5111	Translation of the Holy Quran – I *	N-C
SOCI-5102	General Sociology-II	03 (3+0)
SOCI-5104	Sociological Theory-I	03 (3+0)
SOCI-6113	Cultural Anthropology	03 (3+0)
17 (17+0)		
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)
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 17(17-0)		

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-5111	Translation of the Holy Quran-II *	N-C
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 16(15-1)		

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)
Total 18(18-0)		

Semester-6		
SOCI-6125	Internship	03 (3+0)
SOCI-6114	Sociology of Development	03 (3+0)
SOCI-6139	Medical Sociology	03 (3+0)

SOCI-6222	Social Problems of Pakistan	03 (3+0)
SOCI-6128	Sociology of Religion	03 (3+0)
SOCI-6117	Community Development	03 (3+0)
URCG-5111	Translation of the Holy Quran – III *	N-C
xxxx-xxxx	IDC (To be selected from the list)	03 (3+0)
Total 18(18-0)		

SOCI-6125	Internship	3(0+3)
-----------	------------	--------

Semester-7

SOCI-6126	Sociology of Globalization	03 (3+0)
SOCI-6120	Sociology of Peace and Conflict	03 (3+0)
SOCI-6123	Qualitative Research Methods	03 (3+0)
xxxx-xxxx	IDC (To be selected from the list)	03 (3+0)
xxxx-xxxx	Optional-I (Any from the optional list)	03 (3+0)
xxxx-xxxx	Optional-II (Any from the optional list)	03 (3+0)
Total 18(18-0)		

Semester-8

SOCI-6141	Quantitative Data Analysis	03 (3+0)
xxxx-xxxx	IDC (To be selected from the list)	03 (3+0)
xxxx-xxxx	Optional-I (Any from the optional list)	03 (3+0)
xxxx-xxxx	Optional-II (Any from the optional list)	03 (3+0)
URCG-5111	Translation of the Holy Quran – IV *	N-C
SOCI-6124	Capstone Project**	03 (3+0)
Total 15(15-0)		

* For Muslim Students Only

**Students will conduct the Capstone Project in groups of 3 to 5 members, individual Capstone Project may be allowed with the prior permission of chairman.

Optional Courses for BS Sociology

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	03 (3+0)
SOCI-6131	Political Sociology	03 (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: 120-144 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-5120	Exploring Quantitative Skills	3 (3-0)
URCG-5112	Fables, Wisdom 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-5111	Translation of Holy Quran-I *	NC
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 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)
CRIM-5108	Juvenile Delinquency	3 (3+0)

CRIM-5109	Patterns of Crime	3 (3+0)
CRIM-6215	Contemporary Criminological Theories	3 (3+0)

Total 17(17-0)

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-5111	Translation of Holy Quran-II *	NC
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 16(15-1)

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)

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)
URCG-5111	Translation of Holy Quran-III *	NC
xxxx-xxxx	IDC (To be selected from the list)	3 (3+0)

Total 18(18-0)

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)
URCG-5111	Translation of Holy Quran-IV *	NC
CRIM-6230	Capstone Project **	3 (3+0)

Total 15 (15+0)

CRIM-5112	Internship	3 (0+3)
-----------	------------	---------

*For Muslim Students only

**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 in graduation or equivalent qualification.

Duration: 2 Years

Semesters: 4

Degree Requirements: 72 Credit Hours

Code	Course Title	C/Hr.
------	--------------	-------

Semester-1

SOCI-6301	General Sociology-I	3(3-0)
URCE-5103	Academic Writing	3(3-0)
SOCI-6302	Sociological Theory-I	3(3-0)
SOCI-6303	Research Methods-I	3(3-0)
URCI-5109	Intro. to Info. & Communication Technology	3(3-0)
SOCI-6304	Cultural Anthropology	3(3-0)

Total 18(18+0)

Semester-2

SOCI-6305	General Sociology -II	3(3-0)
SOCI-6306	Sociological Theory-II	3(3-0)
SOCI-6307	Social Psychology	3(3-0)
SOCI-6308	Social Statistics- I	3(1-2)
SOCI-6309	Research Methods-II	3(3-0)
SOCI-6310	Sociology of Change	3(3-0)

Total 18(18+0)

Semester-3

SOCI-6311	Gender Studies	3(3-0)
SOCI-6312	Criminology	3(3-0)
SOCI-6313	Sociology of Development	3(3-0)
SOCI-6314	Social Statistics II	3(3-0)
SOCI-6315	Sociology of Health and Medicine	3(3+0)
SOCI-6316	Internship	3(3+0)

Total 18(18+0)

Semester-4

SOCI-6317	Introduction to SPSS	3(3-0)
SOCI-6318	Sociology of Globalization	3(3-0)
SOCI-6319	Thesis	6(6-0)

Optional Courses: (Any two from the list of Optional Courses)

SOCI-63xx	Optional I	3(3-0)
SOCI-63xx	Optional II	3(3-0)

Total 18(18+0)

Optional Courses

SOCI-6320	Pakistani Society & Culture	3(3+0)
SOCI-6321	Introduction to Demography	3(3+0)
SOCI-6322	NGO Management	3(3+0)
SOCI-6323	Sociology of Peace and Conflict Studies	3(3+0)
SOCI-6324	Industrial Sociology	3(3+0)
SOCI-6325	Sociology of Religion	3(3+0)
SOCI-6326	Sociology of Family and Marriage	3(3+0)
SOCI-6327	Sociology of Education	3(3+0)
SOCI-6328	Political Sociology	3(3+0)
SOCI-6329	Local Government Systems and Rural Development in Pakistan	3(3+0)
SOCI-6330	Rural Sociology	3(3+0)
SOCI-6331	Corporate Social Responsibility	3(3+0)
SOCI-6332	Sociology of Human Rights	3(3+0)
SOCI-6333	Social Policy & Governance	3(3+0)
SOCI-6334	Sociology of Aging	3(3+0)
SOCI-6335	Logic and Critical Thinking	3(3+0)
SOCI-6336	Sociology of Social Work	3(3+0)

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: 24 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)

Total 12(12+0)

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)

PhD Sociology

Eligibility: MS/MPhil in Sociology or Rural Sociology 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: 18 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)
Total 9(9-0)		
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)
Semester-3 onwards		
SOCI-8112	Research and Dissertation	

Note: Scheme of Studies of MPhil and PhD programs are subject to revision according to HEC Graduate Education Policy 2023.



Rules and Regulations

- **Breakup of Enrollment**
- **Regulations (Discipline, Welfare & Code of Honour)**
- **Fee Structure**
- **Semester Regulations Undergraduate & Graduate**
(Not applicable to Faculty of Medical & Health Sciences)
- **Admission Regulations**
(applicable to Undergraduate and Graduate Programs)
- **Semester Regulations**
(Post-Graduate)
- **Admission Regulations**
(applicable to Post-Graduate Programs)

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 / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmirites 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					Teaching
Faculty of Agriculture																											
College of Agriculture																											
- BSc (Hons) Agriculture	150	3	3	2	11	2	2	1	1	0	3	1	1	1	6	0	0	10	197	245	0	0	0	10	255	452	
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	
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	
Department of Agronomy																											
BS in Climate Change	40	3	3	2	4	2	2	1	1	0	3	1	1	1	2	0	0	10	76	0	0	0	0	0	0	76	
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)	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	
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	
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	

*** 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/awar disabled personnel	For Specific Diploma / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmirites 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 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	10	60	131
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	10	110	181
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	20	2	1	1	0	24	24
MSc (Hons) Food and Nutrition	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
PhD Food Science and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	1	0	7	7
PhD Food and Nutrition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	1	0	7	7
II. FACULTY OF ARTS AND HUMANITIES																										
College of Law																										
LL.B (Hons) 5-years	74	3	3	2	0	1	2	1	2	1	3	1	1	1	0	5	0	0	100	0	0	0	0	0	0	100
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
Bachelors 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
Bachelors 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
BS Fine Arts (5th Semester Intake)	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
Diploma in Painting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	35	35
Diploma in Fashion Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	35	35
Diploma in Interior Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	35	35
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 Strategic Communication	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 Theatre, Film & Television	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	50	0	0	0	10	60	60
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
MPhil Communication & Media 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

*** 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 / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiris 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				
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	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	20	2	1	1	0	24	24	
Department of Software Engineering																										
BS in Software Engineering	40	3	3	2	0	1	2	1	1	0	3	1	1	1	2	0	0	0	61	50	0	0	10	60	121	
MS Software Engineering	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	
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	40	0	0	0	0	0	40	40	
Bachelor of Engineering Technology (Mechanical) [B.E. Tech (Mechanical)]	45	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	53	0	0	0	0	0	53	53	
MSc Mechanical Engineering	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	40	0	0	0	0	0	40	40	
Bachelor of Engineering Technology (Electrical) [B.E. Tech (Electrical)]	45	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	53	0	0	0	0	0	53	53	
MSc Electrical Engineering	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)																										
Bachelor of Engineering Technology (Civil) [B.E. Tech (Civil)]	45	3	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	53	0	0	0	0	0	53	53	
FACULTY OF MEDICAL AND HEALTH SCIENCES																										
Department of Allied Health Sciences																										
DPT (Doctor of Physical Therapy)	40	3	3	0	0	2	0	0	0	0	0	0	2	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	50	50	0	0	0	0	50	100	
BS in Radiography and Imaging Technology	40	3	3	0	0	2	0	0	0	0	0	0	2	0	0	0	0	50	50	0	0	0	0	50	100	
FACULTY OF PHARMACY																										
College of Pharmacy																										
MPhil Pharmaceutical Chemistry	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 Pharmacology	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	26	2	1	1	0	30	30	
PhD Pharmaceutics	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	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	10	70	141	

*** 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:

- 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).
- 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)
- 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 / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmirites 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				
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	25	2	1	1	0	29	29	
MPhil Chemistry (Biochemistry)	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	
MPhil Chemistry (Organic Chemistry)	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	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	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
MPhil Biotechnology	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	11	0	0	1	0	12	12	
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	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	10	0	0	1	0	11	11	
Department of Earth Sciences																										
BS in Geology	40	3	3	2	2	1	2	1	0	0	3	1	1	1	2	0	0	10	72	0	0	0	0	0	72	72
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	70	70
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	70	70
MPhil Geography	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	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	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	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	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	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	30	2	1	1	0	34	34	
PhD Physics	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 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 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

*** 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 / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmirites 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 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	10	71	100	0	0	0	10	110	181
BS in Zoology (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 Zoology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	2	1	1	0	35	35	
PhD Zoology	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
B.Ed (Hons.) Elementary	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 (Hons.) (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	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	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	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 (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	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	10	0	0	1	0	11	11	
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	50	0	0	0	10	60	131
BS in Pakistan 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 History (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
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	50	0	0	0	10	60	131
MPhil History	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	
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 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 and SME 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 Public Administration	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

*** 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 / Degree holder	Foreign Students	Student Nominees from Tribal Area	Student Nominees from FANA/GB	Disabled Persons	Children of Kashmiris 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				
Executive MBA (Weekend)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	30	30
MBA	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
Department of Politics and 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 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 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
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	15	2	1	1	0	19	19	
MPhil International Relations	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	5	0	0	1	0	6	6	
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	100	0	0	0	10	110	181
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	20	0	0	0	0	0	20	20
MPhil Psychology	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	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	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	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	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	100	0	0	0	10	110	181
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	60	2	1	1	0	64	64	
PhD Sociology	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	

- Note:** Following seats are reserved in addition to the above mentioned seats:
- 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).
 - 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)
 - 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.

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.

*** 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.

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				Communication and Media Studies				
		PhD	MSc(Hons)	Dip.	Dip.	All BS/BSc (Hons)	PhD	MS/MPhil	All BSc (Hons.)		All BS	Dip.	PhD	MPhil	All BS		MPhil	All BS					
		SS**	SS**	Weekend	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	Reg**	Reg*	SS**	SS**	Reg*	SS**	SS*	Reg*	SS**			
Admission Fee	Once Only	9000	3000	8500	3000	3000	3000	9000	3000	3000	3000	3000	3000	3000	3000	9000	3000	3000	3000	3000	3000	3000	3000
Tuition Fee	Per Semester	43150	39150	48725	33150	18650	28650	43150	39150	23650	30650	59650	21650	32650	42150	39150	18650	23650	39150	18650	23650		
Bus Card Fee	Per Semester	2500	2500	3750	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	
Masjid Fund	Per Semester	100	100	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
General Fund	Per Semester	150	150	225	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	2000	2000	4000	4000	2000	2000	2000	2000	2000	4000	4000	2000	2000	4000	2000	2000		
Welfare Fund	Per Semester	150	150	225	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	
Medical Fund	Per Semester	50	50	75	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
Internet Charges	Per Semester	500	500	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	
University Registration Fee***	Once Only	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	
Science Breakage	Per Semester	1000	1000	1500	1000	0	0	1000	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sports Fund	Per Semester	500	500	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500		
Computer Fund	Per Semester	250	250	375	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250		
Magazine Fund	Per Semester	100	100	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
Utility Charges	Per Semester	5000	5000	7500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000		
Examination Fee	Per Semester	2500	2500	3750	2500	2000	2000	2500	2500	2000	2000	2000	2000	2000	2500	2500	2000	2000	2500	2000	2000		
Benevolent Fund	Per Semester	50	50	75	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	0	0	0	0	0	1000	1000	0	0	0	0	0	0	0		
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	2000	2000	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	0	0	0	0	0	0			
Total (Semester-I)****		73000	63000	84500	57000	39000	49000	73000	63000	44000	51000	80000	45000	56000	71000	62000	39000	44000	62000	39000	44000		
Total (Semester-II & onwards)		56000	52000	68000	46000	30000	40000	56000	52000	35000	42000	71000	36000	47000	54000	51000	30000	35000	51000	30000	35000		

* 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.

This fee structure is subject to approval of the Syndicate.

Details	To be paid	Information Management										Linguistics and Language Studies				Persian Language and Literature			Punjabi Language Literature & Culture			
		English		PhD		MPhil		BS		Islamic Studies		PhD		MPhil		BS		MPhil	BS		BS	
		Reg*	SS**	SS**	SS**	Reg*	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	Reg*	SS**	Reg*	SS**	SS**	Reg*	SS**	Reg*	SS**
		Reg*	SS**	SS**	SS**	Reg*	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	Reg*	SS**	Reg*	SS**	SS**	Reg*	SS**	Reg*	SS**
Admission Fee	Once Only	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Tuition Fee	Per Semester	18650	23650	42150	39150	18650	23650	42150	39150	18650	23650	42150	39150	18650	23650	39150	18650	23650	18650	23650		
Bus Card Fee	Per Semester	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		
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150		
Library Security (Refundable)	Once Only	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	2000	2000	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		
Medical Fund	Per Semester	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		
University Registration Fee***	Once Only	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000		
Science Breakage	Per Semester	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	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		
Magazine Fund	Per Semester	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		
Examination Fee	Per Semester	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000	2500	2000	2000	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		
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	0	0	0	0	0	0		
Total (Semester-I)****		39000	44000	71000	62000	39000	44000	71000	62000	39000	44000	71000	62000	39000	44000	62000	39000	44000	39000	44000		
Total (Semester-II & onwards)		30000	35000	54000	51000	30000	35000	54000	51000	30000	35000	54000	51000	30000	35000	51000	30000	35000	30000	35000		

* 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.

This fee structure is subject to approval of the Syndicate.

Details	To be paid	Sports Sciences		Urdu Language and Literature				Computer Science				Information Technology			Software Engineering		
		All BS		PhD	MPhil	All BS		PhD	MS	All BS		MS	All BS		MS	All BS	
		Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	Reg*	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Tuition Fee	Per Semester	18650	25650	42150	39150	18650	23650	60350	55350	30850	45850	55350	30850	45850	55350	30850	45850
Bus Card Fee	Per Semester	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
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	2000	2000	4000	2000	2000
Welfare Fund	Per Semester	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
Internet Charges	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Registration Fee***	Once Only	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Science Breakage	Per Semester	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50
Sports Fund	Per Semester	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	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Magazine Fund	Per Semester	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
Examination Fee	Per Semester	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000	2500	2000	2000	2500	2000	2000
Benevolent Fund	Per Semester	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	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
Maintenance Charges	Per Semester	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
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I)****		39000	46000	71000	62000	39000	44000	90000	79000	52000	67000	79000	52000	67000	79000	52000	67000
Total (Semester-II & onwards)		30000	37000	54000	51000	30000	35000	73000	68000	43000	58000	68000	43000	58000	68000	43000	58000

* 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.

This fee structure is subject to approval of the Syndicate.

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	BS		PhD	MPhil	BS		
		SS**	Reg*	Reg*	SS*	Reg*	SS*	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	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	66650	46150	34650	72650	34150	72150	59220	59220	43150	69150	43150	39150	18650	28650	53150	53150	18650	28650	43150	39150	18650	28650	
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	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	
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)****		101000	75000	65000	103000	63000	101000	100000	94000	68000	94000	73000	63000	39000	49000	83000	77000	39000	49000	73000	63000	39000	49000	
Total (Semester-II & onwards)		90000	64000	54000	92000	52000	90000	83000	83000	59000	85000	56000	52000	30000	40000	66000	66000	30000	40000	56000	52000	30000	40000	

* 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.

This fee structure is subject to approval of the Syndicate.

Details	To be paid	Earth Science			Mathematics					Physics				Statistics				Zoology			
		PhD	All MS/PhD	All BS	PhD	MPhil	MPhil (W)	BS		PhD	MPhil	All BS		PhD	MPhil	All BS		PhD	MPhil	All BS	
		SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*
Admission Fee	Once Only	9000	3000	3000	9000	3000	8500	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000
Tuition Fee	Per Semester	43150	39150	18650	42150	39150	58725	18650	28650	43150	39150	18650	28650	43150	39150	18650	28650	43150	39150	18650	28650
Bus Card Fee	Per Semester	2500	2500	2500	2500	2500	3750	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Masjid Fund	Per Semester	100	100	100	100	100	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	225	150	150	150	150	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	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	150	150	150	150	150	225	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Medical Fund	Per Semester	50	50	50	50	50	75	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Internet Charges	Per Semester	500	500	500	500	500	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Registration Fee***	Once Only	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Science Breakage	Per Semester	1000	1000	0	0	0	0	0	0	1000	1000	0	0	1000	1000	0	0	1000	1000	0	0
Sports Fund	Per Semester	500	500	500	500	500	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	250	250	250	250	250	375	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Magazine Fund	Per Semester	100	100	100	100	100	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	5000	5000	5000	5000	5000	7500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Examination Fee	Per Semester	2500	2500	2000	2500	2500	3750	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000	2500	2500	2000	2000
Benevolent Fund	Per Semester	50	50	50	50	50	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	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
Maintenance Charges	Per Semester	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
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
Total (Semester-I)****		73000	63000	39000	71000	62000	93000	39000	49000	73000	63000	39000	49000	73000	63000	39000	49000	73000	63000	39000	49000
Total (Semester-II & onwards)		56000	52000	30000	54000	51000	76500	30000	40000	56000	52000	30000	40000	56000	52000	30000	40000	56000	52000	30000	40000

* 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.

This fee structure is subject to approval of the Syndicate.

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	All BS		MPhil	BS		PhD	MS	MBA		Exec.MBA	All BBA & BS	
		SS**	SS**	Weekend	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	Reg*	SS**	(Weekend)	(Weekend)	Reg*	SS**	(Weekend)	Reg*	SS**
Admission Fee	Once Only	9000	3000	8500	3000	3000	9000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	8500	3000	3000
Tuition Fee	Per Semester	42150	39150	58225	18650	23650	42150	39150	18650	23650	39150	18650	23650	67225	58225	22650	30650	58225	19650	25650
Bus Card Fee	Per Semester	2500	2500	3750	2500	2500	2500	2500	2500	2500	2500	2500	2500	3750	3750	2500	2500	3750	2500	2500
Masjid Fund	Per Semester	100	100	150	100	100	100	100	100	100	100	100	100	150	150	100	100	150	100	100
General Fund	Per Semester	150	150	225	150	150	150	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	2000	2000	4000	2000	2000	4000	4000	2000	2000	4000	2000	2000
Welfare Fund	Per Semester	150	150	225	150	150	150	150	150	150	150	150	150	225	225	150	150	225	150	150
Medical Fund	Per Semester	50	50	75	50	50	50	50	50	50	50	50	50	75	75	50	50	75	50	50
Internet Charges	Per Semester	500	500	750	500	500	500	500	500	500	500	500	500	750	750	500	500	750	500	500
University Registration Fee***	Once Only	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Science Breakage	Per Semester	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	500	500	500	500	500	750	750	500	500	750	500	500
Computer Fund	Per Semester	250	250	375	250	250	250	250	250	250	250	250	250	375	375	250	250	375	250	250
Magazine Fund	Per Semester	100	100	150	100	100	100	100	100	100	100	100	100	150	150	100	100	150	100	100
Utility Charges	Per Semester	5000	5000	7500	5000	5000	5000	5000	5000	5000	5000	5000	5000	7500	7500	5000	5000	7500	5000	5000
Examination Fee	Per Semester	2500	2500	3750	2000	2000	2500	2500	2000	2000	2500	2000	2000	3750	3750	2000	2000	3750	2000	2000
Benevolent Fund	Per Semester	50	50	75	50	50	50	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
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	0	0	0	0	0	0
Total (Semester-I)****		71000	62000	92500	39000	44000	71000	62000	39000	44000	62000	39000	44000	106500	92500	43000	51000	92500	40000	46000
Total (Semester-II & onwards)		54000	51000	76000	30000	35000	54000	51000	30000	35000	51000	30000	35000	85000	76000	34000	42000	76000	31000	37000

* 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.

This fee structure is subject to approval of the Syndicate.

Details	To be paid	Politics and IR				Psychology					Social Work				Sociology and Criminology			
		PhD	All MPhil	All BS		PhD	MS/ MPhil	ADCP	All BS		PhD	MPhil	All BS		PhD	MPhil	BS	
		SS**	SS**	Reg*	SS**	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*
Admission Fee	Once Only	9000	3000	3000	3000	9000	3000	3000	3000	3000	9000	3000	3000	3000	9000	3000	3000	3000
Tuition Fee	Per Semester	42150	39150	18650	23650	43150	39150	33150	18650	24650	42150	39150	18150	24650	43150	39150	18650	24650
Bus Card Fee	Per Semester	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
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	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	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
Internet Charges	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Registration Fee***	Once Only	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Science Breakage	Per Semester	0	0	0	0	1000	1000	1000	0	0	0	0	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
Computer Fund	Per Semester	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
Utility Charges	Per Semester	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Examination Fee	Per Semester	2500	2500	2000	2000	2500	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
Development Charges	Per Semester	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
Maintenance Charges	Per Semester	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
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	500	500	0	0	0	0
Total (Semester-I)****		71000	62000	39000	44000	73000	63000	57000	39000	45000	71000	62000	39000	45500	73000	63000	39000	45000
Total (Semester-II & onwards)		54000	51000	30000	35000	56000	52000	46000	30000	36000	54000	51000	30000	36500	56000	52000	30000	36000

* 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.

This fee structure is subject to approval of the Syndicate.

Faculty of Medical and Health Sciences

All 4-Year and 5-Year Degree Programs

Details	To be paid	Allied Health Sciences		
		DPT	BS MLT	BS RIT
		Regular	Regular	Regular
Admission Fee	Once Only	5000	5000	5000
Tuition Fee	Per Semester	40000	40000	40000
Bus Card Fee	Per Semester	2500	2500	2500
Masjid Fund	Per Semester	100	100	100
Library Security (Refundable)	Once Only	2000	2000	2000
Medical Fund	Per Semester	50	50	50
Internet Charges	Per Semester	500	500	500
University Registration Fee (If Applicable)***	Once Only	4000	4000	4000
Science Breakage	Per Semester	700	700	700
Sports Fund	Per Semester	500	500	500
Magazine Fund	Per Semester	100	100	100
Utility Charges	Per Semester	5000	5000	5000
Internal Evaluation Fee	Per Semester	5000	5000	5000
Benevolent Fund	Per Semester	50	50	50
Fee for Practical Subject	Per Semester	5000	5000	5000
Fee for Hospital Practices	Per Semester	500	500	500
Clinical Record Fee	Per Semester	100	100	100
Rent for Microscope	Per Semester	1000	1000	1000
Maintenance Charges	Per Semester	5000	5000	5000
Establishment Charges	Per Semester	5000	5000	5000
Total (Semester-I)****		82,100	82,100	82,100
Total (Semester-II & onwards)		71,100	71,100	71,100

*** Only for those students who are not already registered with University of Sargodha

- Note:**
1. Rs. 30,000/- per semester shall be charged additional for all programs as Self Support Charges
 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.

This fee structure is subject to approval of the Syndicate.

Admission Regulations (Undergraduate & Graduate)

Following are the Admission Regulations inclusive of amendments made till date for admission to all Undergraduate/ Graduate programs (4-year BS/BCom/BBA, PharmD/LLB (Hons), etc), (2-year MA/ MSSc/ MCom/ MBA etc) Diploma (1 year) Programs of the University Teaching Departments/ Constituent Colleges/ Institutes/ Sub-Campus.

1. Short Title and Commencement

The regulations prescribed hereunder shall be called Admission Regulations (undergraduate and graduate), University of Sargodha and are applicable from the academic session 2019-2020 and onward with the amendments referred hereunder asterisk * at various places:

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 graduates (ADA/ADS/ADC etc) of UOS on merit for BS 5th Semester Intake regular programs.
- b) Preference in case of admission to the Undergraduate and

Graduate classes will be given in the order of year of graduation, 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 be 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 graduate 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/Sub-Campus 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 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.

- 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/ Sub-Campus and shall deem to be settled with the approval of the Vice Chancellor later on.

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.

- 4.5 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 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 graduate 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, MBA (Executive), and MSc Criminology.

(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) MA/Library Sciences, MSc Physical Education (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 and Graduate classes of the Department/College/Institute/Center/Sub-Campus, 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 Bachelor's/Master's Degree Courses in the Department/ College/Institute/Center/Sub-Campus except in professional degree course i.e. B.Ed, MSc Criminology 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 graduated 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/Sub-Campus 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/Sub-Campus from the students.
- 4.21 A uniform policy to determine the merit will be observed in all the Departments/Colleges/Institutes/ Centers/Sub-Campus, 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 both graduate and 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 graduate and 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 seats 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 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 under-graduate and graduate 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 $[(20 \times 100) / 1100]$ 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 Strat 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 THE GRADUATES FROM ALLAMA IQBAL OPEN UNIVERSITY.

Marks of the graduates 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 graduates 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
- Dramatic Club
- Artists Club
- E-Sport Society
- Bazm-e-Naa't
- Volunteers Club
- Bazm-e-Qirat
- Green Society
- Bazm-e-Sukhan
- IT Club
- Blood Donors Society
- Music Society
- Civic Society
- Punjabi Sangat
- Community Service Club
- Sports Society
- Debating Society
- Writers Club

Admission Regulations (Postgraduate)

Admission Regulations for all Postgraduate (MS/MPhil/MSc (Hons)/LLM and PhD) programs of the University Teaching Departments/Constituent Colleges/Institutes/Sub Campus (Bhakar) shall be applicable as under:

1. Short Title and Commencement

The regulations prescribed hereunder shall be called Admission Regulations (Postgraduate), University of Sargodha and are applicable from the academic session 2019-2020 and onward with the amendments referred hereunder asterisk * at various places:

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.

- 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 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 2019, 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 MA/MSc, BS(Hons) or equivalent (16 years 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 / 4Year 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. Students 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 shall report, each year, 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 Postgraduate 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 Department concerned)
- iii. Candidates shall have to qualify the interview conducted by the Department/College/Institute/Center/sub-campus as well beside 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/sub-campus 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 graduated 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/Sub-Campus 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 from the students.
- 4.15 A uniform policy to determine the merit will be observed in all the Departments/ Colleges/ Institutes/ Centers 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 program. Online admission portal will not process the application of ineligible candidates.
- 4.19 A candidate can apply for admission in more than one postgraduate 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
- 4.24 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.
- 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 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).
- 4.29 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.
- 4.30 In addition to the approved number of seats one seat for

disable persons shall be reserved in MS/MPhil 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.

4.31 The facility of additional marks and fee concession on the basis of Hifz shall not be applicable to these admissions.

4.32 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 graduate and 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 Humanities and Faculty of Social Sciences only.
- One seat is reserved 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.
- 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.

Discipline, Welfare Regulations and Code of Honour

1. CODE OF HONOUR

- 1.1 All Muslim 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 of 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/Chairperson 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/Insitutes/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.

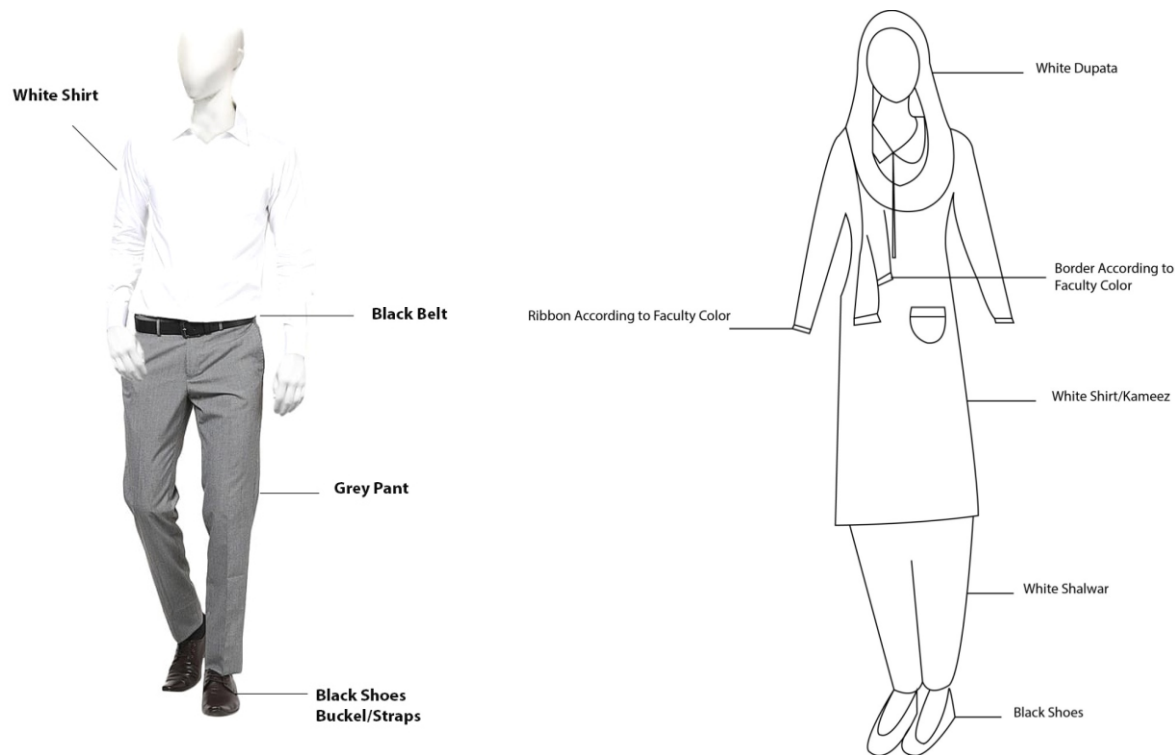
Notice: Prevention of Electronic Crimes Act 2016 to overcome cyber crimes threat is strictly enforced.

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 and 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	120-144	132-144	144-168	162-192

* In addition to above the courses of Translation of the Holy Quran (Non-Credit) and Seerat of Holy Prophet (SAW) (one credit hour) 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 Translation of the Holy Quran (Non-Credit) and Seerat of Holy Prophet (SAW) (one credit hour) 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 30-39 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) Course Degree 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	URCG-5112	1	02
	Course-II: Space, Place and Experience	URCG-5113	1	02
Natural Sciences	Course –I: Basic Science	URCG-5114	1	3(2-1)
	Course-II: The science of Global Challenges	URCG-5115		
Social Sciences	Course –I: Science of Society-I	URCG-5116	1	02
	Course –II: Science of Society-II	URCG-5117		
Functional English	Functional English	URCG-5118	1	03
Expository Writing	Expository Writing	URCG-5119	1	03
Quantitative Reasoning	Course-I: Exploring Quantitative Skills	URCG-5120	2	06
	Course-II: Tools for Quantitative Reasoning	URCG-5121		
Islamic Studies (OR) Religious Education / Ethics	Islamic Studies (Compulsory)	URCG-5105		
	Ethics (For Non-Muslims)	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

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
Holy Quran with Translation, Tajveed and Tafseer	Translation of the Holy Quran – I	URCG-5111	1	Non-Credit
	Translation of the Holy Quran - II			
	Translation of the Holy Quran - III			
	Translation of the Holy Quran – IV			
Seerat of the Holy Prophet (SAW)	Seerat of the Holy Prophet (SAW)	URCG-5127	1	1(1-0)

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:

- CV of the teacher
- Course Outline/Weekly lecture plan
- Copy of Time Table
- List of Students

- Attendance record
- Copies of Quizzes duly marked
- Model assignments duly marked
- Copies of mid-term and final term question papers
- Award list
- 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	30	Mid	15
Sessional	20	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
- 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	120
Single Major with one minor	132
Single Major with two minors	144
Double Major	192***

*In addition to above the courses Translation of the Holy Quran (Non-Credit) and Seerat of Holy Prophet (SAW) (one credit hour) 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 162 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.

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 ($\geq 45\%$ 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:
- The applicant has a strong interest in pursuing an MS/MPhil/Equivalent degree in a different discipline.
 - 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.
 - 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).
- 6.2 PhD Program:
- 6.2.1 The candidates having CGPA \geq 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:
- 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.
 - 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.
 - 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:
- Award of MS/MPhil degree, as prescribed in these regulations.
 - Clearance of the admission test, as prescribed in these regulations.
- 6.2.7 The intra-disciplinary admission may only be allowed, if:
- The applicant has a strong interest in pursuing a PhD in a different subject of the discipline.
 - 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.
 - 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)

- 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:
- Title of the potential research proposal
 - Clear articulation of the current understanding of the intended field and ideas for potential research
 - Explanation of the intended impact of the proposed research
 - 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 5 years, one year (6th 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 \geq 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 if students opts for research work/thesis in the degree program)

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 \geq 3.00 after completing course work of 18 CHs which shall follow a comprehensive examination to pass (\geq 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 $2.30 \leq \text{GPA} < 2.50$ in first semester, s/he shall be promoted to the second semester on probation. The scholar, who obtains $\text{GPA} < 2.30$ 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 $\text{CGPA} \geq 2.50$ 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 $\text{GP} < 2.50$ 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 $\text{CGPA} \geq 2.50$, shall be awarded MS/MSc(Hons)/MPhil/Equivalent degree.
- 11.1.10 A student, who secured $\text{CGPA} < 3.00$ 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 $2.50 \leq \text{GPA} < 3.00$ in first semester, s/he shall be promoted to the second semester on probation. The scholar, who obtains $\text{GPA} < 2.50$ 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 $\text{CGPA} \geq 3.00$ 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:
- Multiply GP with the CHs to obtain total grade points in each course;
 - Add up to cumulative grade points and divide by the total number of CHs for the semester:

$$\text{GPA} = \frac{\sum(\text{GP} \times \text{CHs}) \text{ of courses of a semester}}{\text{Total CH of a semester}}$$

- 12.6 For calculating CGPA, add up the total grade points of all courses of semesters and divide by the total number of CHs

$$\text{CGPA} = \frac{\sum(\text{GP} \times \text{CHs}) \text{ of all courses of a semester}}{\text{Total CHs of Semesters}}$$

- 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:
- Shall be a PhD degree holder complying with the criteria and standards provided in these Regulations.
 - Must be relevant to the field of research in which the student intends to conduct research.
 - Should have NO CONFLICT OF INTEREST in personal, financial, or professional stakes.

- Should have the time and availability to supervise PhD dissertation and give clear and constructive feedback.
- Should be capable of conducting his/herself in a professional and respectful manner throughout the supervision process.
- Should be capable of maintaining confidentiality and protecting the intellectual property of the dissertation.
- 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 PhD degree from an HEC recognized national/international university/degree awarding institute (DAI).
 - 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:
 - Basic level course: to supervise students of MS/MPhil/equivalent degrees.
 - Advance level course: to supervise PhD researchers.
 - 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 \geq 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 notification of degree 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 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 checked 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:
- Public Announcement: On the University website and other forums of communication, so that anyone interested can participate.
 - Public Access: Within or outside the University such as community/town halls or important public venues.
 - Neutral Chair: To ensure that defense was conducted fairly and in accordance with the rules and regulations.
 - Review Committee: To evaluate the dissertation and defense.
 - Presentation: Presentation of the dissertation by the PhD researcher
 - Question-and-Answer Session: There shall be a question-and-answer session to provide a basis for defense evaluation.
 - Objective Evaluation: There should be objective evaluation based on the quality of the research and the researcher's ability to defend.
 - 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 silver ink to the following:
- Chairperson/Principal/Director for departmental record
 - Research Supervisor
 - Research Co-Supervisor (if applicable)
 - University Library
 - Controller of Examinations
 - HEC Record
 - 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.

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:
- Fulfillment of admission eligibility criteria
 - Courses having less than 60 marks shall not be considered for exemption in any case.
 - 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.

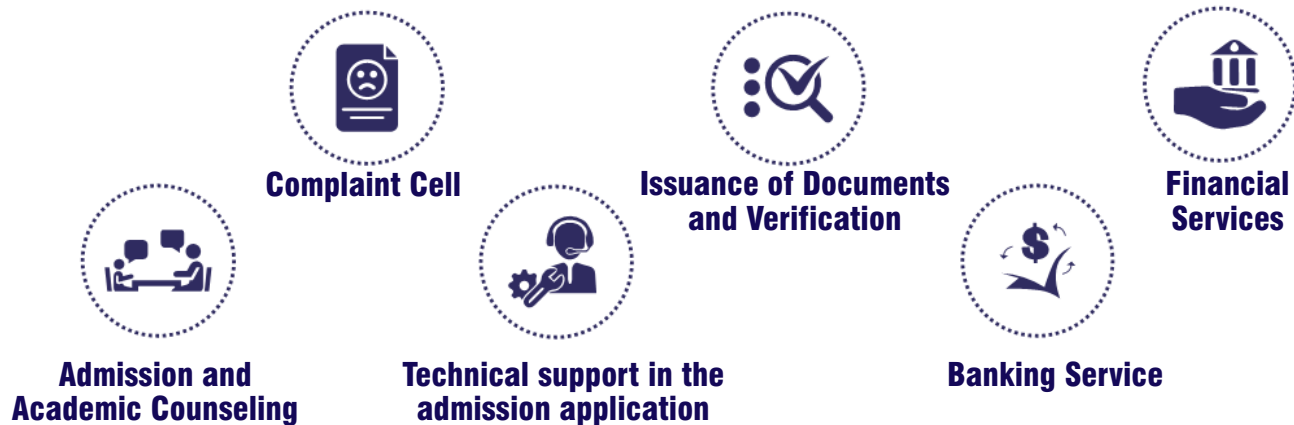
Appendices

- 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 Centre, 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 Centre 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:



- One Window Operation, simplifying all procedural formalities, to facilitate students, visitors and alumni.
- Tackling the high flux of student queries, especially during the pandemic, through emails.
- Use of various modes, including a Front Desk for walk-in queries, a call centre and admission advisory service, to provide instant response and support to students.
- Employment of social media sites (official website, Facebook, Twitter and Instagram pages) to keep the students updated about academic activities and other issues.

- Provision of urgent services related to the issuance of degrees and transcripts, document verification, NOC, English Proficiency Certificate, 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 Centre becomes a focal point for online admissions and provision of on-campus support to the visiting candidates.

By performing such manifold functions, the Facilitation Centre 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 Centres as one of its kind for the provision of student support facilities across national universities.

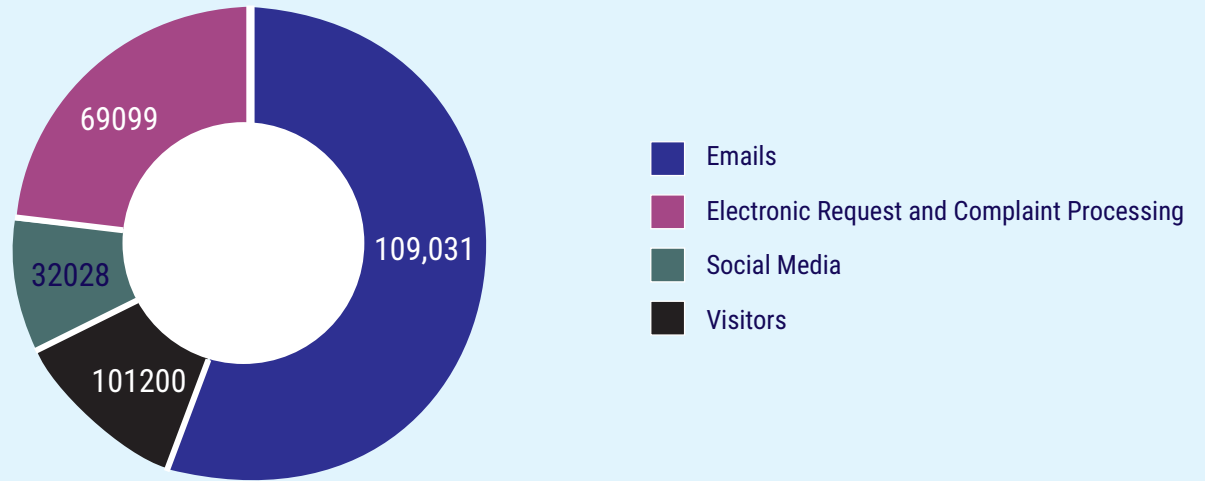


Bilal Ahmed
Manager

✉ info@uos.edu.pk
☎ 048-111-867-111



Queries Entertained from 2019 to 2023





High-tech Online
Management System



Student
Help Line



Complaint Cell
to resolve students'
queries

HBL
حبیب بینک

Banking services
to deposit university
payments

FACILITATION CENTER

HOW TO APPLY ONLINE

6 Easy steps to submit an application successfully!



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.



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