University of Sargodha
2002
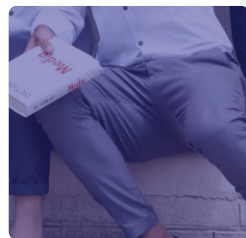
2022
PROSPECTUS
UNIVERSITY OF SARGODHA

SARGODHA UNIVERSITY
PATHWAY TO PROGRESS

www.su.edu.pk

PROSPECTUS 2022

Disclaimer

The Prospectus for Fall 2022 admissions at University of Sargodha is issued on the express condition that it shall not form part of any contract between the University and the student(s). Every effort has been made to ensure the accuracy of its contents; however, errors and omissions are excepted. This prospectus has no legal value; it is only a document for information and shall not be binding on the University in any case, whatsoever. The University reserves the right to withdraw and/or amend rules, regulations, policies, structure of fee and nature of courses at any time without prior notice. The admission to the University of Sargodha shall be subject to fulfilment of all requirements of preconditions by the students in terms of registration procedure and adherence to the Ordinance, Statutes, Rules and Regulations of the University. All admissions made in contravention to the laws of the University shall be subject to cancellation, irrespective of the time spent and progress made in academics/studies.

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QUAID'S MESSAGE

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

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

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

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

پیغامِ اقبال

کھول آنکھ ، زمیں دیکھ ، فلک دیکھ ، فضا دیکھ!   مشرق سے اُبھرتے ہوئے سورج کو ذرا دیکھ

اس جلوۂ بے پردہ کو پردوں میں چھپا دیکھ!   ایّامِ جُدائی کے ستم دیکھ ، جفا دیکھ!

بے تاب نہ ہو ، معرکۂ بیم و رجا دیکھ!

ہیں تیرے تصرّف میں یہ بادل ، یہ گھٹائیں   یہ گنبدِ افلاک ، یہ خاموش فضائیں

یہ کوہ ، یہ صحرا ، یہ سمندر ، یہ ہوائیں   تھیں پیشِ نظر کل تو فرشتوں کی ادائیں

آئینہ ایّام میں آج اپنی اَدا دیکھ!

سمجھے گا زمانہ تری آنکھوں کے اشارے!   دیکھیں گے تجھے دور سے گردُوں کے ستارے!

ناپید ترے بحرِ تخیل کے کنارے   پہنچیں گے فلک تک تری آہوں کے شرارے

تعمیرِ خودی کر ، اثرِ آہِ رسا دیکھ!

MESSAGE FROM THE
CHANCELLOR

It gives me immense pleasure to learn that the University of Sargodha has been contributing to the progress of the country by producing young energetic graduates who are rendering their services in the practical fields nationally and internationally.

Today's world is in a state of continuous flux and change. The global pandemic has brought about several unprecedented changes in almost every walk of life. It has transformed our ways of living, avenues of thinking, means of communication, modes of business and methods of teaching and learning. In order to be at par with this unprecedented revolution, the academic institutions ought to provide skills and knowledge to embrace and incorporate the innovations that are engulfing the global economy. I am pleased to learn that the University of Sargodha took prompt measures to cope with the emerging challenges and shifted its pedagogical operations to the hybrid learning through digitalization and responded to this challenge as an opportunity.

As an emerging and developing nation, it is essential to equip our youth with professional, technical and analytical skills to meet the challenges of the future. We should broaden our research horizons so as to make our country an equal recipient of the global opportunities of the contemporary world.

It is more than satisfying for me as Chancellor that this young University has earned a reputable position in credible international rankings in a short span of time. I am pleased to learn that the Sargodha University was ranked among the Top 500 Asian University by the QS World University Ranking 2019, Top 500+ University by the times Higher Education Emerging Economies University Ranking 2020, Top 601+ in the world by the Times Higher Education University Impact Ranking 2020, and Top 350+ Young University by the Time Higher Education Ranking 2022. I hope, under the guidance of its new Vice Chancellor, the University shall further improve its international ranking and global outlook.

I extend my cooperation and patronage to the University for promoting conductive learning environment and educational facilities for its students and the faculty.

Muhammad Baligh-ur-Rehman
Governor Punjab

MESSAGE FROM THE
VICE CHANCELLOR

As Vice Chancellor, University of Sargodha, I am honoured and immensely privileged to lead the University of Sargodha and warmly welcome my students who aspire to join the University during the academic session 2022-23.

As one of the largest universities of the country, the University of Sargodha provides world-class research and pedagogical facilities to its students in a highly supportive and conducive environment to enrich their personalized experience. Our dedicated faculty is committed to fashion our graduates into professionals equipped with innovative and productive skills essential for competing in the competitive global workforce market. Commensurating with the mission of the University, we pay special attention to the personality development of our learners to develop them into useful global citizens with a deep sense of civic responsibility and human values. We harbor a culture of creativity, critical inquiry, innovation and collaborative learning.

In a short span of time, the Sargodha University made its way to the international rankings and became a Top 500 Asian University in the QS World Universities Ranking 2019, a position it retained for the next years, as well as a Top 500+ University in the Times Higher Education Emerging Economies University Ranking 2020. It was also ranked 601+ in the world in the Times Higher Education University Impact Ranking 2020. It has been among the Top 350+ young universities in the Times Higher Education Ranking 2022. We have bigger challenges and milestones ahead in the coming years.

In short, the University of Sargodha possesses an aesthetically captivating and spacious campus equipped with a variety of facilities to enrich your pedagogical and social experience. I invite you to experience exceptional learning and research under the leadership of an inspirational faculty in an inclusive and healthy environment. I assure, you will enjoy your stay at the University.

Professor Dr Qaisar Abbas

UNIVERSITY INTRODUCTION

THE TIMES HIGHER EDUCATION WORLD UNIVERSITY RANKINGS 2022

Ranked Top **350+** in the Young Universities, **1001+** in the World Universities and **2nd** in Teaching among Pakistani Varsities

UI GreenMetric

Declared as **526**th World's Most Sustainable University by UI GreenMetric World University Rankings 2020

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

CONFUCIUS INSTITUTE 孔子学院

Established Pakistan's **Fifth Confucius Institute**

VISION

Our vision is 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 and leadership skills

To ensure a collaborative work environment for faculty and staff to achieve professional excellence and institutional growth

To contribute to knowledge economy and social transformation through advanced studies and research

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

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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 Agriculture college in its suburb, the University presently has around 19,000 students and 550+ faculty members, including 265+ PhDs, in 25 departments, three institutes, one school, and four constituent colleges that come under the seven faculties of Social Sciences, Arts and Humanities, Sciences, Agriculture, Pharmacy, Medical and Health Sciences, Engineering and Technology. They are assisted by around 1,500 administrative staff. The University also has 224 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.
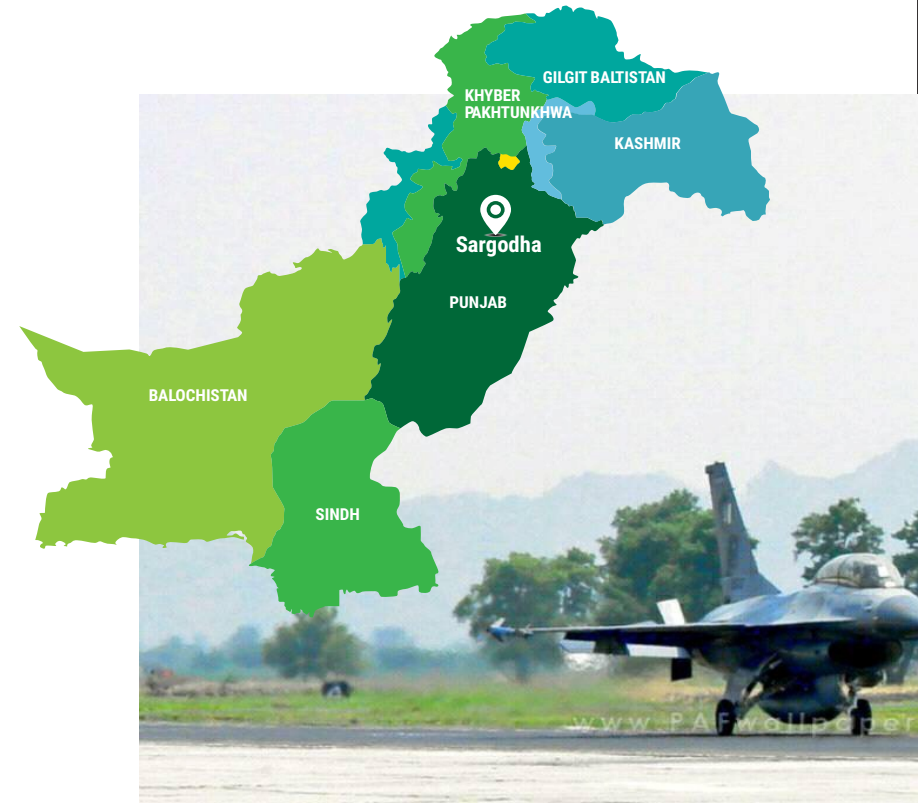
CALIFORNIA OF PAKISTAN

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.
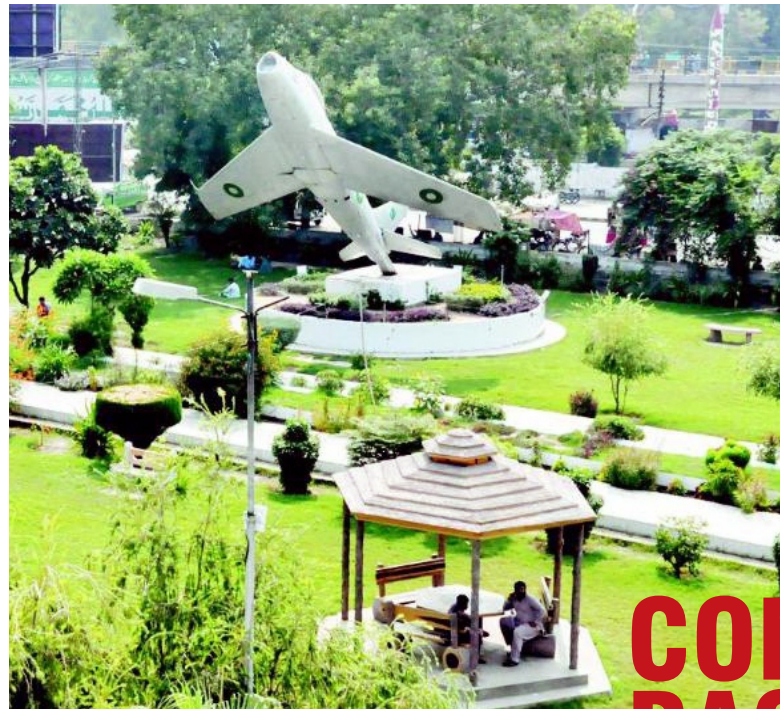
COMPANY BAGH

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

19000 STUDENTS

AROUND **550** FACULTY
PhDS **265+**

160+ DEGREE PROGRAMS

24:1 STUDENT TEACHER RATIO

4 CONSTITUENT COLLEGES

3 INSTITUTES

1 SCHOOL

25 DEPARTMENTS

52 Undergraduate Programs

29 Graduate Programs

78 Postgraduate Programs

7 FACULTIES

FACULTY OF AGRICULTURE

FACULTY OF ARTS AND HUMANITIES

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.

In the Times Higher Education's Rankings 2022, the University has been ranked 350+ in Young University rankings, 450+ in Asian University rankings, 601+ in Impact rankings and 1001+ in World University rankings. It is also ranked 401-450 Asian University in the QS Asia Rankings.

University of Sargodha
RANKED 601+

THE IMPACT RANKINGS 2022
www.thewur.com

University of Sargodha
RANKED 350+

THE WORLD UNIVERSITY RANKINGS 2022 YOUNG
www.thewur.com

University of Sargodha
RANKED 1001+

THE WORLD UNIVERSITY RANKINGS 2022
www.thewur.com

QS ASIAN UNIVERSITY RANKINGS 2022

RETAINED POSITION
401-450
IN QS WORLD UNIVERSITY RANKINGS ASIA 2020

University of Sargodha
RANKED 450+

THE WORLD UNIVERSITY RANKINGS 2022 ASIA
www.thewur.com

SETTING NEW TRENDS IN HIGHER EDUCATION

With major reforms at academic, institutional and research levels, Sargodha University is ranked as the top 350+ Young University of the world and 401+ University in Asia by Times Higher Education Rankings 2021 and retained its position in the top 401-450 category of Asian universities in the QS Rankings 2020.

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 two dozen international and national conferences during 2020-2021.

- **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 1000 research papers during 2020-2021.

- **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.

Budget Spent to Subscribe Digital Resources

Year 2020 PKR 0.4 million

Year 2021 PKR 2.54 million
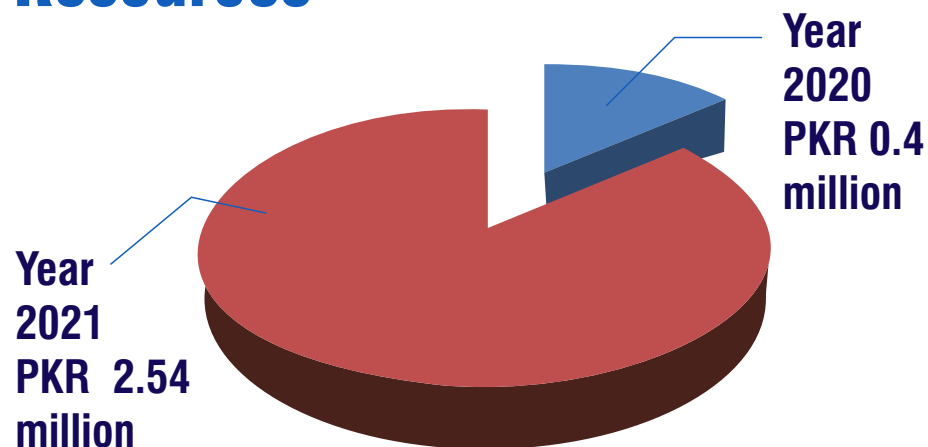
Research Publications since 2017

2017 — 608
2018 — 745
2019 — 805
2020 — 905
2021 — 1202

INSTITUTIONAL DEVELOPMENT

Pursuing development project worth over Rs.1.54 billion funded by the Higher Education Commission. The project covers the infrastructure and allied facilities for Pakistan Institute of China Studies (PICS), Multimedia Development Center, a high-tech research lab and several other development initiatives.

Exploring CPEC opportunities through PICS, which offers various opportunities to students and researchers for academic research and exchanges between SU and Chinese universities, especially in agriculture. From Fall 2019, Chinese language classes have been started for the faculty and students. With the establishment of the fifth Confucius Institute in the country at SU, the formal launch of Chinese Studies program would be operationalized after the pandemic.

Shaping governmental policies towards quality education by shutting down five Public-Private Partnership sub-campuses and disaffiliated 80 colleges to recover university range.

Enhancing work efficiency through inclusive management style by devolving power to faculty heads and staff officers, and further down the line. Better service delivery through user friendly and mobile compatible website for online admissions.

Ensuring quality education through recruiting over 300 qualified faculty members, many with PhDs and global exposure, through regular meetings of the Selection Board and Syndicate.

Generating surplus budget through financial recoveries, and tangible growth in self-generated revenue through judicial, transparent and accountable approach.

Engaging Alumni through SU Alumni Association in outreach and development activities, including contributions to Endowment Fund.

1 ACADEMIC EXCELLENCE

1001+
IN TIMES HIGHER EDUCATION **WORLD UNIVERSITY RANKINGS** 2022

NEARLY
800
FACULTY

OVER
300
PHDS

AROUND
19000
STUDENTS

24:1
STUDENT TO ACADEMIC **STAFF RATIO**

QS
RETAINED POSITION
401-450
IN **QS WORLD UNIVERSITY** RANKINGS ASIA **2020**

MORE THAN
140
DEGREE PROGRAMS

401+
IN TIMES HIGHER EDUCATION **RANKINGS ASIA** 2022

350+
IN TIMES HIGHER EDUCATION **YOUNG WORLD UNIVERSITY RANKINGS** 2022

601+
IN TIMES HIGHER EDUCATION **IMPACT WORLD UNIVERSITY RANKINGS** 2022

2 RESEARCH PRODUCTIVITY

20+ RESEARCH **CONFERENCES** 2021-2022

INNOVATIVE SCIENTIFIC RESEARCH UNITS

8 **RESEARCH** JOURNALS

MORE THAN **900** RESEARCH **PUBLICATIONS 2021-2022**

15 **INTERDISCIPLINARY** RESEARCH GROUPS

5 JOINT **INTERNATIONAL** RESEARCH PROJECTS

3 KNOWLEDGE SHARING

2 E-ROZGAAR CENTERS FOR **FREELANCE ENTREPRENEURSHIP**

MORE THAN **40** **MOUS NURTURING ACADEMIA INDUSTRY LINKAGES**

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

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

SU INCUBATION CENTER PROVIDING **YOUNG ENTREPRENEURS** WITH **ADEQUATE RESOURCES** AND **SERVICES** TO **NURTURE** AND **COMMERCIALIZE** THEIR **INNOVATIVE IDEAS**

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

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

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

4 GLOBAL OUTLOOK

PARTICIPATED IN OVER
40
INTERNATIONAL EVENTS AND **CONFERENCES**

MORE THAN
20
INTERNATIONAL MOUS

ORGANIZED MORE THAN
20
INTERNATIONAL EVENTS IN **2021-2022**

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

4 **REASONS** TO CHOOSE SU

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:

Merit-Based Scholarships

- Punjab Educational Endowment Fund Scholarship
- Quaid-e-Azam Scholarship
- Chief Minister Merit Scholarship
- District Merit Scholarship
- Free Education for Board/University position holders
- Free Education for outstanding sports students
- Merit-based Awards to semester position holders
- Pakistan-Scottish Scholarship Scheme
- HEC Afghan Students Scholarship
- Political/Inland Scholarship for students of tribal areas

Need-Based Financial Assistance

- Vice Chancellor's Scholarship
- HEC Need-Based Scholarship
- University fee concession for orphans and Hafiz-e-Quran
- Pakistan Bait-ul-Maal Scholarship
- Punjab Bait-ul-Maal Scholarship
- HEC National Enrolment Drive Scheme
- Minority Scholarship
- Tuition waiver to students of SOS Village, Sargodha
- Fauji Foundation Scholarship
- Ehsaas Undergraduate Scholarship

Welfare Scholarships

- PM Fee Reimbursement Scheme for students of less-developed areas
- Free education for IDPs and victims of terrorism
- Scholarship to Kashmiri Refugees and AJK Nationals
- Free education for Balochistan students
- Free education for disabled students
- Fee concession on kinship basis
- Diya Pak Financial Assistance
- Fee Concession for Children of Shaheed

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:

GENERAL MOEEN UDDIN HAIDER

Alumnus of 1957-60. General Moeen uddin Haider was commissioned in Pakistan Army in 1962 in the 26th PMA Long Course. He served as Governor of Sindh from March 1997 to June 1999 and Federal Interior Minister from 1999 to 2002.

TARIQ MAHMOOD PIRZADA

Tariq Mahmood Pirzada, Former Chief Commissioner Islamabad is our proud alumnus from the batch 1969-1971 of the then Government College Sargodha. He had rendered his services in Islamabad Capital Territory administration on different administrative positions including; City Magistrate, Assistant Commissioner and Deputy Commissioner. He also served as a member Administration of National Highway Authority, Islamabad.

SOHAIL WARAICH

Alumnus of 1976-78. Sohail Warraich is a prominent Pakistani journalist, television host, analyst and media personality. He also enjoys good repute as an English teacher, and is a frequent visitor to the University of 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.

SAFE AND SMART CAMPUS

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

WAZIR AGHA LIBRARY

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

E-RESOURCES

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

LINCOLN CORNER

Our Lincoln Corner is one of the largest corners in the jurisdiction of US Consulate General Lahore. It promotes experiential and interactive learning through its diverse programming which makes it to the 'Golden Category' of the American Spaces around the world.

Our Lincoln Corner is multi-media resource centre, where visitors can connect, practice their English language, and learn about America in many different ways. It aims to strengthen people to people connection between US and Pakistan through better understanding of cultural values.

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STUDENT SUPPORT SERVICES

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

TRANSPORT

The University provides **pick and drop service**s 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.

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.

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.

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.

Sargodha University Incubation Center

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.

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.

UNIVERSITY MAP

North
East
West
South

Ibn-e-Sena Block

Ibn Al Haytham Block

M. Ali Block

Examinations Block

Khush Aab Water Plant

Pharmacy Lab

Jauhar Block

Al-Razi Block

Wazir Agha Library

Girls Hostel

Girls Hostel

Female Staff Hostel

Waterfall

Ibn Rushd Block

Sir Syed Block Block

Omar Khayyam Block

Bus Stand

Building and Works Department

Post Office

Squash Court

Cricket Ground

Tennis Court

Handball Court

Volleyball Court

Sports Ground

Basket Ball Court

Sports Office

Cooperative Store

Iqbal Hall

Hockey Ground

Football Ground

Basket Ball Court

Sports Ground

Girls Hostels

Residential Area

Al-Beruni Block

Al-Khwarizmi Block

Student Teacher Center

University Square

FM Radio

Ibn Khaldun Block

Store

Store

HBL

Jinnah Block

State and Security Wing

Jinnah Block

Jamia Masjid

Quaid-e-Azam Hall

Faculty Parking Area

Bachelor Hostel

Foreign Faculty Hostel

Girls Hostels

Maula Bakhsh Auditorium

Parking Area

Facilitation Center

Admin Block

Al-Kindi Block

Medical Services

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 19.2% to GDP and was the major employer absorbing 38.5% of labor force in 2020-21. 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, 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

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📞 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)

Dr. Muazzam Sabir
Assistant Professor

GENERAL FACULTY (Applied Statistics)

Dr. Sami Ullah
Lecturer

BSc (Hons) Agriculture
(Agricultural Economics)

Eligibility: At least 45% marks in FSc Pre-Medical/Pre-Engineering
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering	3(3-0)/
MATH-5128	students)/Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Introduction to Information & Communication Technologies	3(2-1)
URCE-5102	English-II (Language Comp. & Presentation Skills)	3(3-0)
URCI-5105/	Islamic Studies/	2(2-0)/
ISLS-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 17(14-3)	
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest and Watershed Management	3(2-1)
AEXT-5401	Introduction to Agricultural Extension and Rural Development	3(3-0)
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Introduction to Rangelands and Wildlife Management	3(2-1)
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education and Community Engagement	3(3-0)
	Total 18(13-5)	
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)

FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 18(13-5)	

Semester-5

AEXT-6408	Communication Skills in Agricultural Extension	3(2-1)
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 Agro based Industries	3(3-0)
	Total 18(17-1)	

Semester-6

AGEC-6508	Microeconomics II	3(3-0)
AGEC-6509	Macroeconomics II	3(3-0)
AGEC-6510	Development Economics	3(3-0)
AGEC-6511	Mathematical Economics	2(2-0)
AGEC-6512	Agribusiness Management	3(3-0)
AGEC-6513	Statistical Methods for Economists	2(1-1)
	Total 16(15-1)	

Semester-7

AGEC-6514	Econometrics-I	3(2-1)
AGEC-6515	Natural Resource Economics	2(2-0)
AGEC-6516	Agricultural Finance	3(3-0)
AGEC-6517	Agricultural Production Economics	3(3-0)
AGEC-6518	Research Methods in Social Sciences	3(2-1)
AGEC-6519	International Economics	2(2-0)
	Total 16(14-2)	

Semester-8

AGEC-6520	Econometrics II	3(2-1)
AGEC-6521	Agricultural issues and Policies of Pakistan	3(3-0)
AGEC-6522	Economics of Livestock Production	3(3-0)
AGEC-6523	Agribusiness, Marketing and Trade	3(3-0)
AGEC-6524	Research Project/Internship	4(0-4)
	Total 16(11-5)	

DEPARTMENT OF
AGRICULTURAL EXTENSION

FACULTY

Dr. Muhammad Luqman
Associate Professor

Dr. Arshad Javed
Assistant Professor

Dr. Saima Sadaf
Assistant Professor

Dr. Muhammad Yaseen
Assistant Professor

Dr. Humaira Ameen
Assistant Professor

Dr Ejaz Ashraf
Associate Professor / Chairperson

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

BSc (Hons) Agriculture
(Agricultural Extension)

Eligibility: At least 45% marks in FSc Pre-Medical/Pre-Engineering
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 credit hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering	3(3-0)/
MATH-5128	students)/Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(2-1)
URCE-5102	English-II (Language Comp. & Presentation Skills)	3(3-0)
URCI-5105/	Islamic Studies/	2(2-0)/
ISLS-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 17(14-3)	
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest & Watershed Management	3(2-1)
AEXT-5401	Introduction to Agricultural Extension and	3(3-0)
	Rural Development	
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	

Code	Course Title	C/Hr.
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Introduction to Rangelands and	3(2-1)
	Wildlife Management	
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(3-0)
	Total 18(13-5)	
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 18(13-5)	
Semester-5		
AEXT-6403	Extension Program Development	3(2-1)
AEXT-6404	History and Philosophy of Agricultural Ext. Edu.	3(3-0)
AEXT-6405	Rural Development Programs in Pakistan	3(2-1)
AEXT-6406	Rural Youth in Agricultural Development	3(2-1)
AEXT-6407	Leadership and Communication Skills in Agri. Ext.	3(2-1)
AEXT-6408	Communication Skills in Agricultural Extension	3(2-1)
	Total 18(11-4)	

Semester-6

Code	Course Title	C/Hr.
AEXT-6409	Agricultural Extension Methods	3(2-1)
AEXT-6410	Computer Application in Agricultural Extension	3(1-2)
AEXT-6411	Psychology for Adult Learning	3(3-0)
AEXT-6412	Human Resources Development	3(2-1)
AEXT-6413	Gender Studies in Agricultural Extension	3(3-0)
	Total 15(11-4)	

Semester-7

Code	Course Title	C/Hr.
AEXT-6414	Interviewing Skills	3(2-1)
AEXT-6415	Agricultural Technology Transfer	3(2-1)
AEXT-6416	Agricultural Journalism	3(2-1)
AEXT-6417	Preparation of Research Project and Scientific Writing	3(2-1)
AEXT-6418	Poverty Alleviation & Sustainable Development	3(3-0)
	Total 15(11-4)	

Semester-8

Code	Course Title	C/Hr.
AGEC-6523	Agribusiness, Marketing and Trade	3(3-0)
AEXT-6419	Research Methods in Agricultural Extension	3(3-1)
AEXT-6420	Program Evaluation in Agricultural Extension	3(3-1)
AEXT-6421	Food Security through Precision Agri. Tech.	3(2-1)
AEXT-6422	Research Project/Internship	4(0-4)
	Total 16(11-7)	

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 + Departmental Test (at least 70% 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)

My College is remarkable with well-equipped labs, the library, classrooms, and agriculture experimental fields. It is a place where I not only always felt like home but even more than that. I enjoyed every moment and groomed myself as a person and professional.

Muhammad Qasim, MSc (Hons)

DEPARTMENT OF
AGRONOMY

FACULTY

Dr. Muhammad Ehsan Safdar
Assistant Professor

Dr. Ahsan Aziz
Assistant Professor

Dr. Abdul Rehman
Assistant Professor

Dr. M. Mansoor Javaid
Assistant Professor

Dr. Muhammad Rafi Qamar
Assistant Professor

Dr. Muhammad Asif
Assistant Professor

Dr. Amjed Ali
Lecturer

Dr. Muhammad Yasin
Lecturer

Dr Muhammad Ather Nadeem
Professor / Chairperson

Contact

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📍 Lahore - Khushab Bypass, Sargodha

BSc (Hons) Agriculture
(Agronomy)

Eligibility: At least 45% marks in FSc Pre-Medical/Pre-Engineering
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering	3(3-0)/
MATH-5128	students)/Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(2-1)
URCE-5102	English-II (Language Comprehension & Presentation Skills)	3(3-0)
URCI-5105/	Islamic Studies/	2(2-0)/
ISLS-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 17(14-3)	
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest and Watershed Management	3(2-1)
AEXT-5401	Introduction to Agricultural Extension and Rural Development	3(3-0)

Code	Course Title	C/Hr.
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Introduction to Rangelands & Wildlife Manag.	3(2-1)
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(3-0)
	Total 18(13-5)	
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 18(13-5)	
Semester-5		
AEXT-6408	Communication Skills in Agricultural Extension	3(2-1)
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	3(3-0)
	Total 18(13-5)	

Semester-6

Code	Course Title	C/Hr.
AGRO-6908	Biological Nitrogen Fixation	3(2-1)
AGRO-6909	Plant Nutrients and Growth Regulators	3(2-1)
AGRO-6910	Farm Record and Management	3(2-1)
AGRO-6911	Seed Production Technology	3(2-1)
AGRO-6912	Forage and Fodder Production	3(2-1)
AGRO-6913	Layout of Field Experiments	2(2-0)
	Total 17(12-5)	

Semester-7

Code	Course Title	C/Hr.
AGRO-6914	Principles of Weed Science	3(2-1)
AGRO-6915	Crop Management under Stressful Environments	3(2-1)
AGRO-6916	Conservation Agronomy	3(2-1)
AGRO-6917	Introduction to Crop Modeling	3(2-1)
AGRO-6918	Environment and Crop Production	3(2-1)
	Total 15(10-5)	

Semester-8

Code	Course Title	C/Hr.
AGEC-6523	Agribusiness, Marketing and Trade	3(3-0)
AGRO-6919	Organic Farming	3(3-0)
AGRO-6920	Plant and soil Analysis	3(2-1)
AGRO-6921	Research and Scientific Writing	3(2-1)
AGRO-6922	Research Project / Internship	4(0-4)
	Total 16(10-6)	

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

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

PhD Agronomy

Eligibility: MSc (Hons) Agronomy or with any major in Agriculture with minimum CGPA 3.00/4.00 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
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)

DEPARTMENT OF
ANIMAL SCIENCES

FACULTY

Dr. Muhammad Arif
Assistant Professor

Dr. Imtiaz Hussain Sial
Assistant Professor

Abd-ur-Rehman
Lecturer

Atia Iram
Lecturer

Dr Zafar Hayat
Professor / Chairperson

Contact
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⊙ Lahore - Khushab Bypass, Sargodha

BSc (Hons) Animal Sciences

Eligibility: At least 45% marks in FSc Pre-Medical
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
ANSC-5101	Introduction to Animal Husbandry	2(1-1)
ANSC -5102	Fundamentals of Animal Nutrition	2(1-1)
ANSC -5103	Fundamentals of Livestock Production	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
URCI-5109	Intro. to Information & Communication Technologies	3(2-1)
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies/	2(2-0)/
URCI-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 18(13-5)	
Semester-2		
ANSC -5104	Introduction to Veterinary Anatomy	3(2-1)
URCE-5103	Academic Writing	3(3-0)
AGEC-6522	Economics of Livestock Production	3(3-0)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
AEXT-5401	Introduction to Agricultural Extension and Rural Development	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(15-2)	

Code	Course Title	C/Hr.
Semester-3		
ANSC -5105	Introduction to Poultry Science	2(1-1)
ANSC -5106	Introduction to Animal Physiology	3(2-1)
ANSC -5107	Introduction to Veterinary Preventive Medicine	2(1-1)
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
AGEC-5502	Agribusiness, Marketing and Trade	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(1-2)
	Total 16(11-5)	
Semester-4		
ANSC -5108	Animal Breeding Plans and Policies	3(2-1)
ANSC -5109	Principles of Animal Nutrition	3(2-1)
ANSC -5110	Range Livestock Production	2(1-1)
ANSC -5111	Introduction to Farm Animal Health	3(2-1)
AEXT-5402	Communication Skills in Agricultural Extension	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 17(12-5)	
Semester-5		
ANSC -6112	Principles of Heredity	2(1-1)
ANSC -6113	Introductory Molecular Genetics	2(1-1)
ANSC -6114	Principles of Milk Production	2(1-1)
ANSC -6115	Metabolism of Primary Nutrients	2(2-0)
ANSC -6116	Management of Dairy Animals	2(1-1)
ANSC -6117	Incubation Principles and Hatchery Management	2(1-1)
ANSC -6118	Rural Poultry Farming	3(2-1)
AGRO-6912	Forage and Fodder Production	3(2-1)
	Total 18(11-7)	

Semester-6

Code	Course Title	C/Hr.
ANSC -6119	Introductory Population Genetics	2(1-1)
ANSC -6120	Principles of Animal Breeding	2(1-1)
ANSC -6121	Minerals and Vitamins in Nutrition	2(1-1)
ANSC -6122	Principles of Small Ruminant Production	2(1-1)
ANSC -6123	Poultry Housing and Equipments	2(1-1)
ANSC -6124	Poultry Hygiene and Disease Prevention	2(1-1)
ANSC -6125	Physiology of Reproduction	3(2-1)
ANSC -6126	Basic Microbiology	3(2-1)
	Total 18(10-8)	

Semester-7

Code	Course Title	C/Hr.
ANSC -6127	Animal Breeding Practices	3(2-1)
ANSC -6128	Nutrient Requirements of Farm Animals	3(2-1)
ANSC -6129	Principles of Poultry Nutrition	3(2-1)
ANSC -6130	Behaviour and Welfare of Farm Animals	3(2-1)
ANSC -6131	Poultry Farm Management	3(2-1)
ANSC -6132	Draught Animal Production	2(1-1)
	Total 17(11-6)	

Semester-8

Code	Course Title	C/Hr.
ANSC -6133	Selection for Economic Traits in Farm Animals	2(1-1)
ANSC -6134	Feed Evaluation, Formulation and Processing Technology	3(2-1)
ANSC -6135	Principles of Meat Production	3(2-1)
ANSC -6136	Poultry Feeding Practices	3(2-1)
ANSC -6137	Research Project / Internship	4(0-4)
	Total 15(7-8)	

MSc (Hons) Animal Nutrition

Eligibility: BSc (Hons) / BS 4 Years 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)

DEPARTMENT OF
ENTOMOLOGY

FACULTY

Dr. Muhammad Asam Riaz
Assistant Professor

Dr. Muhammad Zeeshan Majeed
Assistant Professor

Rizwan Akbar
Lecturer (on study leave)

Dr. Arif Mehmood
IPFP - Fellow

Dr. Muhammad Irfan Ullah
Associate Professor / Chairperson

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BSc (Hons) Agriculture
(Entomology)

Eligibility: At least 45% marks in F.Sc (Pre Medical / Engineering)
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 credit hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering	3(3-0)/
MATH-5128	students)/Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(2-1)
URCE-5102	English-II (Language Comprehension &	3(3-0)
	Presentation Skills)	
ISLS-5108/	Islamic Studies/	2(2-0)/
URCI-5105	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 17(14-3)	
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest & Watershed Management	3(2-1)
AEXT-5401	Introduction to Agricultural Extension and	3(3-0)
	Rural Development	
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	

Code	Course Title	C/Hr.
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Introduction to Rangelands and Wildlife	3(2-1)
	Management	
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(3-0)
	Total 18(13-5)	
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 18(13-5)	
Semester-5		
AEXT-6408	Communication Skills in Agricultural Extension	3(2-1)
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)
	Total 18(12-6)	

Semester-6

Code	Course Title	C/Hr.
ENTO-6108	Insect Physiology	3(2-1)
ENTO-6109	Classification of Adult Insects	3(2-1)
ENTO-6110	Agricultural Pests and their Management	3(2-1)
ENTO-6111	Stored Product Pests and their Management	3(2-1)
ENTO-6112	Beneficial Insects	3(2-1)
	Total 15(10-5)	

Semester-7

Code	Course Title	C/Hr.
ENTO-6113	Integrated Pest Management	3(2-1)
ENTO-6114	Plant Resistance to Insect Pests	3(2-1)
ENTO-6115	Insecticides and their Application	3(2-1)
ENTO-6116	Range and Forest Entomology	3(2-1)
ENTO-6117	Agriculture & Environmental Pollution	3(2-1)
	Total 15(10-5)	

Semester-8

Code	Course Title	C/Hr.
AGEC-6523	Agribusiness, Marketing and Trade	3(3-0)
ENTO-6118	Scientific Writing and Presentation	3(2-1)
ENTO-6119	Apiculture	3(2-1)
ENTO-6120	Biological Control of Insect Pests	3(2-1)
ENTO-6121	Internship / Research Project	4(0-4)
	Total 16(9-7)	

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	NumericalTaxonomy	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 + Departmental Test (at least 70% 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	Advancesin PestManagement 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)

DEPARTMENT OF
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FACULTY

Dr. Hafiz Bashir Ahmad
Assistant Professor

Dr. Shazia Afzal
Lecturer

BSc (Hons) Agriculture
(Forestry)

Eligibility: At least 45% marks in FSc Pre-Medical/Pre-Engineering
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering	3(3-0)/
MATH-5128	students)/Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(2-1)
URCE-5102	English-II (Language Comprehension and	3(3-0)
	Presentation Skills)	
URCI-5105/	Islamic Studies/	2(2-0)/
ISLS-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 17(14-3)	
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest and Watershed Management	3(2-1)
AEXT-5401	Introduction to Agricultural Extension and	3(3-0)
	Rural Development	
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	

Code	Course Title	C/Hr.
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Introduction to Rangelands and	3(2-1)
	Wildlife Management	
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(3-0)
	Total 18(13-5)	
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 18(13-5)	
Semester-5		
AEXT-6408	Communication Skills in Agricultural Extension	3(2-1)
FWRW-6703	Silviculture-I	2(2-0)
FWRW-6704	Forest Ecology and Eco-Physiology	3(2-1)
FWRW-6705	Agroforestry	3(2-1)
FWRW-6706	Wood Science and Technology	3(2-1)
FWRW-6707	Non-Wood Forest Products	2(2-0)
FWRW-6708	Forest Accounts and Procedure	2(2-0)
	Total 18(14-4)	

Semester-6

FWRW-6709	Silviculture-II	3(2-1)
FWRW-6710	Forest Management	3(2-1)
FWRW-6711	Watershed Management	3(2-1)
FWRW-6712	Biodiversity and Climate Change	3(2-1)
FWRW-6713	Energy Plantations	2(1-1)
FWRW-6714	Ecotourism and Park Management	2(2-0)
	Total 16(11-5)	

Semester-7

FWRW-6715	Range Management	3(2-1)
FWRW-6716	Wildlife Management	3(2-1)
FWRW-6717	Forest Mensuration	3(2-1)
FWRW-6718	Introduction to GIS and Remote Sensing	3(2-1)
FWRW-6719	Forest Policy and Law	2(2-0)
FWRW-6720	Forest Resource Economics	2(2-0)
	Total 16(12-4)	

Semester-8

AGEC-6523	Agribusiness, Marketing and Trade	3(3-0)
FWRW-6721	Forest Management Plan I	3(3-0)
FWRW-6722	Forest Management Plan II	3(0-3)
FWRW-6723	Research Methods and Scientific Writing	3(2-1)
FWRW-6724	Research Project/Internship	4(0-4)
	Total 16(8-8)	
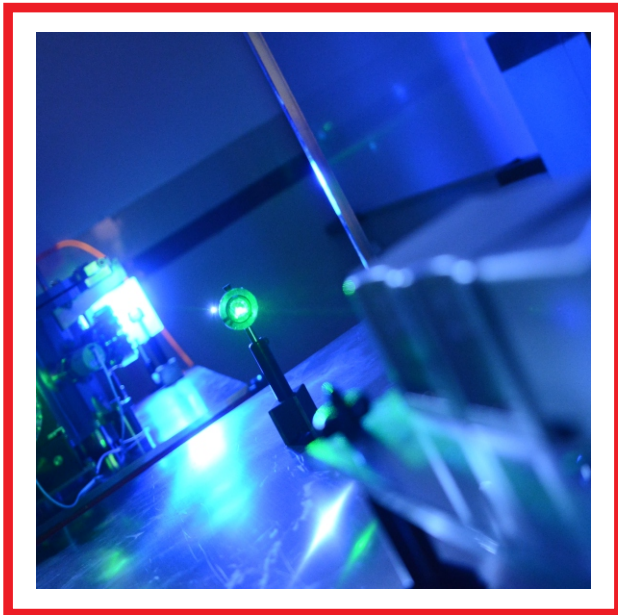
DEPARTMENT OF
HORTICULTURE

Dr. Muhammad Azher Nawaz
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FACULTY

Dr. Rashad Mukhtar Balal
Assistant Professor

Shahid Iqbal
Assistant Professor

Dr. Tehseen Ashraf
Lecturer

Shahla Rashid
Lecturer

BSc (Hons) Agriculture
(Horticulture)

Eligibility: At least 45% marks in FSc Pre-Medical/Pre-Engineering
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering	3(3-0)/
MATH-5128	students)/Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(2-1)
URCE-5102	English-II (Language Comprehension & Presentation Skills)	3(3-0)
URCI-5105/	Islamic Studies/	2(2-0)/
ISLS-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 17(14-3)	
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest & Watershed Management	3(2-1)
AEXT-5401	Intro. to Agricultural Ext. and Rural Development	3(3-0)
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	

Code	Course Title	C/Hr.
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	3(2-1)
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(3-0)
	Total 18(13-5)	
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 18(13-5)	
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	2(1-1)
AEXT-6608	Communication Skills in Agricultural Extension	3(2-1)
	Total 17(10-7)	
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- 6612	Medicinal and Aromatic Plants	2(1-1)
HORT- 6613	Post-Harvest Horticulture	3(2-1)
HORT- 6614	Business Management in Horticulture	2(2-0)
	Total 16(11-5)	

Semester-7

HORT- 6615	Research Methods in Horticulture	3(1-2)
HORT- 6616	Temperate Fruits	3(2-1)
HORT- 6617	Winter Vegetables	3(2-1)
HORT- 6618	Commercial Flower Production	3(2-1)
HORT- 6619	Breeding of Horticultural Crops	3(2-1)
HORT- 6620	Project Planning and Scientific Writing	2(1-1)
	Total 17(10-7)	

Semester-8

AGEC-6621	Agribusiness, Marketing and Trade	3(3-0)
HORT-6622	Vegetable and Flower Seed Production	3(2-1)
HORT-6623	Protected Horticulture	3(2-1)
HORT-6624	Indoor Plant Culture and Interior-scaping	3(2-1)
HORT-6625	Research Project/Internship	4(0-4)
	Total 16(9-7)	

> **I experienced this institution as not only a degree-awarding but also help in developing a bright future. College of Agriculture has been a wonderful experience for me in terms of education, learning, social support, and career counseling.**
>
> **Manahil Siddiqui, BSc (Hons)**

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	
Postgraduate Courses		**C/Hr.**
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 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation

Code	Course Title	
Postgraduate Courses		**C/Hr.**
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)

DEPARTMENT OF
PLANT BREEDING AND GENETICS

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Assistant Professor

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Dr. Usman Saleem
Assistant Professor

Dr. Samrin Gul
Assistant Professor

Dr. Saba Tabasum
Lecturer

Muhammad Shehzad
Lecturer

BSc (Hons) Agriculture
(Plant Breeding and Genetics)

Eligibility: At least 45% marks in FSc Pre-Medical/Pre-Engineering
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 credit hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering	3(3-0)/
MATH-5128	students)/Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(2-1)
URCE-5102	English-II (Language Comprehension &	3(3-0)
	Presentation Skills)	
URCI-5105/	Islamic Studies/	2(2-0)/
ISLS-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 17(14-3)	
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest and Watershed Management	3(2-1)
AEXT-5401	Introduction to Agri. Ext. And Rural Development	3(3-0)
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	

Code	Course Title	C/Hr.
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Intro. to Rangelands & Wildlife Management	3(2-1)
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(3-0)
	Total 18(13-5)	
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 18(13-5)	
Semester-5		
AEXT-6408	Communication Skills in Agricultural Extension	3(2-1)
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)
	Total 18(12-6)	
Semester-6		
PLBG-6208	Breeding Fibre Crops	3(2-1)
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)
	Total 15(11-4)	

Semester-7

PLBG-6213	Breeding Oilseed Crops	3(2-1)
PLBG-6214	Breeding Pulse Crops	3(2-1)
PLBG-6215	Breeding Vegetable Crops	3(2-1)
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	2(1-1)
	Total 17(11-6)	

Semester-8

AGEC-6523	Agribusiness, Marketing and Trade	3(3-0)
PLBG-6219	Breeding Fodder and Forage Crops	3(2-1)
PLBG-6220	Breeding Minor Crops	2(1-1)
PLBG-6221	Crop Variety Registration and Intellectual Property Rights	2(2-0)
PLBG 6222	Genomics in Agriculture	2(1-1)
PLBG-6223	Research Project / Internship	4(0-4)
	Total 16(9-7)	

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 + Departmental Test (at least 70% 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	1(1-0)
STAT-8152	Statistical Methods for Agricultural Research-II	3(3-0)

I am Nadia Ghulam Muhammad. I am student of 6th 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.

Nadia Ghulam Muhammad, Bsc (Hons) Plant Breeding and Genetics

DEPARTMENT OF
PLANT PATHOLOGY

FACULTY

Dr. Yasir Iftikhar
Assistant Professor

Dr. Muhammad Imran Hamid
Assistant Professor

Dr. Salman Ahmad
Assistant Professor

Dr. Hina Safdar
Assistant Professor

Dr. Muhammad Ahmad Zeshan
Lecturer

Dr. Asma Safdar
Lecturer

Dr Muhammad Usman Ghanzafar
Associate Professor / Chairperson

Contact

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BSc (Hons) Agriculture
(Plant Pathology)

Eligibility: At least 45% marks in FSc Pre-Medical/Pre-Engineering
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 credit hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Introduction to Biology-I (for Pre-Engineering	3(3-0)/
MATH-5128	students)/Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Intro. to Information & Communication Tech.	3(2-1)
URCE-5102	English-II (Language Comprehension &	3(3-0)
	Presentation Skills)	
URCI-5105/	Islamic Studies/	2(2-0)/
ISLS-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total 17(14-3)	
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest and Watershed Management	3(2-1)
AEXT-5401	Intro. to Agricultural Extension & Rural Development	3(3-0)
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	

Code	Course Title	C/Hr.
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Intro. to Rangelands and Wildlife Management	3(2-1)
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(1-2)
	Total 18(13-5)	
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total 18(13-5)	
Semester-5		
AEXT-6408	Communication Skills in Agricultural Extension	3(2-1)
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(2-0)
	Total 17(12-5)	

Semester-6

Code	Course Title	C/Hr.
PLPT-6308	Diseases of Field Crops	3(2-1)
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	Plant Biochemistry	3(2-1)
	Total	**17(11-6)**

Semester-7

Code	Course Title	C/Hr.
PLPT-6314	Diseases of Vegetable Crops	3(2-1)
PLPT-6315	Plant Disease Management	3(2-1)
PLPT-6316	Plant Quarantine and SPS measures	3(3-0)
PLPT-6317	Seed and Postharvest Pathology	3(2-1)
PLPT-6318	Methods and Techniques in Plant Pathology	3(1-2)
	Total	**15(10-5)**

Semester-8

Code	Course Title	C/Hr.
AGEC-6523	Agribusiness, Marketing and Trade	3(3-0)
PLPT-6319	Introductory Molecular Plant Pathology	3(2-1)
PLPT-6320	Soil-borne Plant Pathogens	3(2-1)
PLPT-6321	Pesticides, their Action and Application	3(2-1)
PLPT-6322	Research Project / Internship	4(0-4)
	Total	**16(9-7)**

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

Postgraduate Courses

Code	Course Title	C/Hr.
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 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation

Postgraduate Courses

Code	Course Title	C/Hr.
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)

DEPARTMENT OF
SOIL AND ENVIRONMENTAL SCIENCES

FACULTY

Dr. Mukkram Ali Tahir
Associate Professor

Dr. Sher M. Shehzad
Assistant Professor

Dr. Noor-us-Sabah
Assistant Professor

Dr Ghulam Sarwar
Professor / Chairperson

Contact
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BSc (Hons) Agriculture
(Soil Science)

Eligibility: At least 45% marks in FSc Pre-Medical/Pre-Engineering
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
SAES-5801	Introduction to Soil Science-I	3(2-1)
AGRO-5901	Basic Agriculture	3(2-1)
ZOOL-6141/	Biology (for Pre-Engineering students)/	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(2-1)
URCE-5102	English-II (Language Comprehension & Presentation Skills)	3(3-0)
URCI-5105/	Islamic Studies/	2(2-0)/
ISLS-5108	Ethics (for Foreigner or Non-Muslims)	2(2-0)
	Total	**17(14-3)**
Semester-2		
AGRO-5902	General Crop Production	3(2-1)
SAES-5802	Introduction to Soil Science-II	3(2-1)
FWRW-5701	Introduction to Forest & Watershed Management	3(2-1)
AEXT-5401	Introduction to Agri. Ext. and Rural Development	3(3-0)
URCE-5103	English-III (Academic Writing)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total	**17(14-3)**

Code	Course Title	C/Hr.
Semester-3		
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5101	Introductory Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
HORT-5601	Introductory Horticulture	3(2-1)
FWRW-5702	Intro. to Rangelands & Wildlife Management	3(2-1)
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(3-0)
	Total	**18(13-5)**
Semester-4		
PLBG-5202	Introductory Plant Breeding	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5302	Introductory Plant Pathology	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
	Total	**18(13-5)**
Semester-5		
AEXT-6408	Communication Skills in Agricultural Extension	3(2-1)
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)
	Total	**17(11-6)**
Semester-6		
SAES-6808	Soil Fertility Evaluation	2(2-0)
SAES-6809	Salt-Affected Soils and Water Quality	3(2-1)

Code	Course Title	C/Hr.
SAES-6810	Soil Fertility and Fertilizer Use	3(2-1)
SAES-6811	Soil Survey and Land Evaluation	3(2-1)
SAES-6812	Soil and Water Conservation	3(3-0)
SAES-6813	Nutrient Management in Degraded Soils	3(3-0)
	Total	**17(14-3)**

Semester-7

Code	Course Title	C/Hr.
SAES-6814	Carbon Sequestration in Soil	2(2-0)
SAES-6815	Soil Microbiology	3(2-1)
SAES-6816	Environmental Pollution and Management	3(3-0)
SAES-6817	Research Project and Scientific Writing	3(2-1)
SAES-6818	Trace Elements in Agriculture	3(2-1)
SAES-6819	Saline Agriculture	2(2-0)
	Total	**16(13-3)**

Semester-8

Code	Course Title	C/Hr.
AGEC-6523	Agribusiness, Marketing and Trade	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)
SAES-6823	Research Project / Internship	4(0-4)
	Total	**16(12-4)**

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)

PhD Soil Science

Eligibility: MSc (Hons) Soil Science or with any major in Agriculture with minimum CGPA 3.00/4.00 + Departmental Test (at least 70% 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	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
Associate Professor / Director

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⌖ Omar Khayyam Block

FACULTY

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Associate Professor

Dr. Shahid Mahmood
Associate Professor

Dr. Ghulam Mueen-ud-Din
Associate Professor

Dr. Muhammad Nadeem
Assistant Professor

Dr. Farzana Siddique
Assistant Professor

Dr. Kashif Ameer
Assistant Professor

Dr. Ammara Ainee
Lecturer

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

Eligibility: At least 45% marks in F.Sc. (Pre-Medical/Pre-Engineering) or A Level
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5109	Introduction to Info. & Communication Technologies	3(2-1)
URCP-5106	Pakistan Studies	2(2-0)
ZOOL-6141/	Introd/ to Biology I (for Pre-Engineering students) /	3(3-0)/
MATH-5128	Mathematics (for Pre-Medical students)	3(3-0)
AGRO-5901	Basic Agriculture	3(2-1)
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
	Total 17(14-3)	
Semester-2		
URCE-5103	Academic Writing	3(3-0)
URCI-5105/	Islamic Studies /	2(2-0)/
ISLS-5108	Ethics (for Non-Muslim Students)	2(2-0)
AGEC-5501	Introduction to Agricultural Economics	3(3-0)
BIOT-5107	Microbiology	3(2-1)
FSAT-5102	Elements of Food and Nutrition	3(3-0)
FSAT-5103	Food Processing and Preservation	3(2-1)
URCC-5110	Citizenship Education and Community Engagement	0(0-0)
	Total 19(17-2)	

Code	Course Title	C/Hr.
Semester-3		
ANSC-5101	Introduction to Animal Husbandry	2(1-1)
PLBG-5201	Introductory Genetics	3(2-1)
ENTO-5102	Applied Entomology	3(2-1)
PLPT-5301	Introduction to Plant Pathogens	3(2-1)
FSAT-5104	Unit Operations in Food Processing	3(3-0)
FSAT-5105	Community Nutrition	3(3-0)
	Total 17(13-4)	
Semester-4		
STAT-5126	Statistics for Agricultural Sciences	3(3-0)
AEXT-5402	Communication Skills in Agricultural Extension	3(2-1)
HORT-5602	Horticultural Crop Production	3(2-1)
FSAT-5106	Food Safety and Laws	3(3-0)
FSAT-5107	Food Packaging	2(2-0)
FSAT-5108	Plant Design and Layout	3(3-0)
	Total 17(15-2)	
Semester-5		
FSAT-6109	Food Process Engineering	3(3-0)
FSAT-6110	Fruit and Vegetable Processing	3 (2-1)
FSAT-6111	Food Analysis and Sensory Evaluation	3(1-2)
FSAT-6112	Milk Handling and Processing	3(2-1)
FSAT-6113	Introduction to Cereal Technology	3(2-1)
FSAT-6114	Food Biochemistry	3(3-0)
	Total 18(13-5)	
Semester-6		
FSAT-6115	Sugar Technology	3(2-1)
FSAT-6116	Poultry, Egg and Sea Food Technology	3(2-1)
FSAT-6117	Baking Science and Technology	3(2-1)

FSAT-6118	Post-Harvest Technology	3(2-1)
FSAT-6119	Dairy Technology	3(2-1)
FSAT-6120	Beverage Technology	3(2-1)
	Total 18(12-6)	

Semester-7

FSAT-6121	Food Product Development and Service Management	3(2-1)
FSAT-6122	Technology of Oils and Fats	3(2-1)
FSAT-6123	Confectionery and Snack Foods	2(2-0)
FSAT-6124	Meat Technology	3(2-1)
FSAT-6125	Food Microbiology	3(2-1)
	Total 14(10-4)	

Semester-8

BUSB-6124	Entrepreneurship and SME Management	3(3-0)
FSAT-6126	Food Biotechnology	3(2-1)
FSAT-6127	Food Quality Management	3(3-0)
FSAT-6128	Internship and Report Writing	4(0-4)
FSAT-6129	Introduction to Research and Scientific Writing	2(1-1)
	Total 15(9-6)	

Professional education is a formal specialized training about a particular profession in which learners are taught the central concepts, principles, techniques, and practical applications. I feel immense pride to be the part of the Institute of Food Science and Nutrition from undergraduate to PhD level. What I am today is only because of this institute's training and the counseling of my teachers. The institute developed my professional credentials through formal course work, attending conferences, and informal learning opportunities situated in practice.
M. Abdullah Jamil, PhD Scholar

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 Divsion - 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
7. BS / BSc (Hons) Human Nutrition and Dietetics / Doctor of Human Nutrition and Dietetics
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 3.00/4.00 CGPA - Institutional Test (at least 70% marks)
1. MS / MSc (Hons) Food Science and Technology
2. MSc (Hons) Food Technology
3. MSc (Hons) Dairy Technology*
* 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 3.00 CGPA - Institutional Test (at least 70% marks)
MS / MSc (Hons) Food and Nutrition / Human Nutrition
MS / MSc (Hons) Food Technology
MS / MSc (Hons) Food Science and Technology
MS / MSc (Hons) Human Nutrition and Dietetics
MS / MSc (Hons) Community Health and Nutrition / Dietetics
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 45% marks in F.Sc. (Pre-Medical/Pre-Engineering) or A Level
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5109	Intro. to Information & Communication Technologies	3(2-1)
URCP-5106	Pakistan Studies	2(2-0)
ZOOL-6141 /	Intro. To Biology I (for Pre-Engineering students)	3(3-0)
MATH-5128	Mathematics (for Pre-Medical students)	
FSAT-5101	Introduction to Food Science and Technology	3(2-1)
HNAD-5101	Fundamentals of Human Nutrition	3(3-0)

HNAD-5102	Metabolism of Basic Nutrients	3(3-0)
	Total 20(18-2)	

Semester-2

URCE-5103	Academic Writing	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
HNAD-5103	Human Anatomy	3(2-1)
HNAD-5104	Human Physiology-I	3(2-1)
HNAD-5105	Macronutrients in Human Nutrition	3(3-0)
FSAT-5106	Food Safety and Laws	3(3-0)
	Total 17(15-2)	

Semester-3

STAT-5101	Introductory Statistics	3(3-0)
HNAD-5106	Human Physiology-II	3(2-1)
CHEM-6111	Biochemistry	4(3-1)
HNAD-5107	Micronutrients in Human Nutrition	3(3-0)
HNAD-5108	Food and the Allergic Reaction	3(3-0)
FSAT-6125	Food Microbiology	3(2-1)
	Total 19(16-3)	

Semester-4

STAT-5102	Introduction to probability distribution	3(3-0)
HNAD-5109	General Pathology	3(2-1)
FSAT-6121	Food Product Development & Service Management	3(1-2)
HNAD-5110	Assessment of Nutritional Status	3(1-2)
HNAD-5111	Nutrition and Drug Laws	3(3-0)
HNAD-5112	Nutrition in Emergencies	3(3-0)
	Total 18(15-3)	

Semester-5

FSAT-6111	Food Analysis and Sensory Evaluation	3(0-3)
HNAD-6113	Dietetics-I	3(2-1)
HNAD-6114	Fundamentals of Industrial Nutrition	3(2-1)
HNAD-6115	Global Food Issues	3(3-0)
HNAD-6116	Nutritional Education and Awareness	3(2-1)
HNAD-6117	Nutrition Through Social Protection	3(3-0)
	Total 18 (12-6)	

Semester-6

HNAD-6118	Dietetics-II	3(2-1)
HNAD-6119	Drug-Nutrient Interactions	3(3-0)
HNAD-6120	Preventive Nutrition	3(3-0)
HNAD-6121	Functional Foods and Nutraceutical	3(3-0)
HNAD-6122	Research Methods and Scientific Writing in Nutrition	3(1-2)
HNAD-6123	Infant and Young Child Feeding	3(2-1)
	Total 18 (14-4)	

Semester-7

HNAD-6124	Clinical Biochemistry	3(3-0)
HNAD-6125	Nutrition Policies and Programs	3(3-0)
HNAD-6126	Meal Planning and Management	3(3-0)
HNAD-6127	Dietetics-III	3(2-1)
HNAD-6128	Nutritional Practices in Clinical Care	3(2-1)
HNAD-6129	Nutrition and Psychology	3(3-0)
	Total 18(13-5)	

Semester-8

HNAD-6130	Internship and Report Writing	10 (0-10)
	10(0-10)	

B.Sc. (Hons.) Home Economics

Eligibility: At least 45% marks in F.Sc. (Pre-Medical/Pre-Engineering) or A Level
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.

Semester-1

URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5109	Intro. to Information & Communication Technologies	3(2-1)
URCP-5106	Pakistan Studies	2(2-0)
HECO-5101	Introduction to Home Economics	3(3-0)
HECO-5102	Fundamentals of Food and Nutrition	3(2-1)
HECO-5103	Textiles and Clothing	3(2-1)
HECO-5104	Introduction to Art and Design	3(2-1)
	20(16-4)	

Semester-2

URCE-5103	Academic Writing	3(3-0)
URCI-5105	Islamic Studies OR	2(2-0)
ZOOL-6141 /	Intro. To Biology I (for Pre-Engineering students) /	3(3-0)
MATH-5128	Mathematics (for Pre-Medical students)	
HECO-5105	Meal Management	3(2-1)
HECO-5106	Clothing and Consumer Education	3(2-1)
HECO-5107	Applied Art and Design	3(2-1)
HECO-5108	Life Span Development	3(2-1)
	Total 20(16-4)	

Semester-3

STAT-5101	Introductory Statistics	3(3-0)
CHEM-6111	Biochemistry	4(3-1)
HECO-5109	Home Management and Housing	3(2-1)
HECO-5110	Family and Community Development	3(2-1)
HECO-5111	Family Economics	3(3-0)
HECO-5112	Global Food Issues	3 (3-0)
	Total 19(16-3)	

Semester-4

STAT-5102	Introduction to probability distribution	3(3-0)
HECO-5113	Applied Housing and Home Management	3(2-1)
HECO-5114	Special Children Education	3(3-0)
HECO-5115	Entrepreneurship Development	3(3-0)
HECO-5116	Health Care Promotion	3(3-0)
HECO-5117	Nutrition Policies and Programs	3(3-0)
	Total 18(17-1)	

Semester-5

HECO-6118	Home Economics Education, Administration and Supervision	3(3-0)

Major Courses (Food and Nutrition)

FANU-6101	Food Preservation	3(2-1)
FANU-6102	Experimental Foods	3(2-1)
FANU-6103	Fundamentals of Human Nutrition	3(3-0)

Code	Course	Credit
FANU-6104	Nutritional Education and Awareness	3(2-1)

Major Courses (Textiles and Clothing)

Code	Course	Credit
TEXC-6101	Fundamentals of Garment Construction	3(2-1)
TEXC-6102	Pattern Making	3(1-2)
TEXC-6103	Fashion Designing and Illustrations	3(1-2)
TEXC-6104	Fiber Science	3(2-1)

Major Courses (Applied Art and Design)

Code	Course	Credit
ARTD-6101	Early Ages of Art	3(3-0)
ARTD-6102	Art Education	3(2-1)
ARTD-6103	Drawings Techniques	3(1-2)
ARTD-6104	Commercial Art	3(2-1)

Major Courses (Human Development and Family Studies)

Code	Course	Credit
HDFS-6101	Development from Prenatal to Infancy	3(3-0)
HDFS-6102	Childhood Care and Development	3(2-1)
HDFS-6103	Adolescent Development	3(2-1)
HDFS-6104	Adulthood and Aging	3(2-1)

Major Courses (Interior and Environmental Design)

Code	Course	Credit
IDED-6101	Interior Space Planning-I	3(2-1)
IDED-6102	Fundamentals of Interior Architecture-I	3(2-1)
IDED-6103	Designing the Furniture	3(2-1)
IDED-6104	Interior Design Application OR Perspective Drawing/Studio	3(1-2)
	Total Credit Hours	**15**

Semester-6

Code	Course	Credit
HECO-6119	Methods of Research	3(3-0)

Major Courses (Food and Nutrition)

Code	Course	Credit
FANU-6105	Physiological Aspects of Nutrition	3(3-0)
FANU-6106	Advanced Nutrition	3(2-1)
FANU-6107	Diateticts	3(2-1)
FSAT-6125	Food Microbiology	3(2-1)

Major Courses (Textiles and Clothing)

Code	Course	Credit
TEXC-6105	Textiles Computer aided Design	3(1-2)
TEXC-6106	Fiber Chemistry	3(2-1)
TEXC-6107	Textile Processing and Finishing	3(3-0)
TEXC-6108	Fundamentals of Drapping	3(1-2)

Major Courses (Applied Art and Design)

Code	Course	Credit
ARTD-6105	History of Art	3(3-0)
ARTD-6106	Applied Art Education	3(2-1)
ARTD-6107	Home Art and Craft	3(1-2)
ARTD-6108	Fundamentals of Designing	3(1-2)

Major Courses (Human Development and Family Studies)

Code	Course	Credit
HDFS-6105	Positive Psychology	3(2-1)
HDFS-6106	Early Childhood and Guidance	3(2-1)
HDFS-6107	Theories of Human Development	3(3-0)
HDFS-6108	Communication in Human and Family Relations	3(2-1)

Major Courses (Interior and Environmental Design)

Code	Course	Credit
INED-6105	Interior Space Planning-II	3(2-1)
INED-6106	Fundamentals of Interior Architecture-II	3(2-1)
INED-6107	Designing for Soft Furnishing	3(2-1)
INED-6108	Interior Environment Physical Aspect	3(2-1)
	Total Credit Hours	**15**

Semester-7

Code	Course	Credit
HECO-6120	Internship (Hospital/Community/Institution)	6 (0-6)

Major Courses (Food and Nutrition)

Code	Course	Credit
FANU-6108	Nutritional Management in Disasters	3(3-0)
FANU-6109	Institutional Management	3(2-1)
FANU-6110	Clinical and Therapeutic Nutrition	3(2-1)
FAST-5106	Food Safety and Laws	3 (3-0)

Major Courses (Textiles and Clothing)

Code	Course	Credit
TEXC-6109	Dress designing through Draping	3(1-2)
TEXC-6110	Fiber Science	3(2-1)
TEXC-6111	Language of Fashion	3(3-0)
TEXC-6112	Textile Dyeing and Printing	3(2-1)

Major Courses (Applied Art and Design)

Code	Course	Credit
ARTD-6109	Islamic Art	3(3-0)
ARTD-6110	Calligraphy	3(2-1)
ARTD-6111	The Craft of Hand Weaving	3(2-1)
ARTD-6112	Print Making	3(1-2)

Major Courses (Human Development and Family Studies)

Code	Course	Credit
HDFS-6109	Abnormal Psychology	3(2-1)
HDFS-6110	Elementary Education and Administration	3(2-1)
HDFS-6111	Family Dynamics	3(2-1)
HDFS-6112	Gerontology: Social Aspects	3(2-1)

Major Courses (Interior and Environmental Design)

Code	Course	Credit
INED-6109	Environmental Management	3(2-1)
INED-6110	Designing Functional Spaces for Special Needs	3(2-1)
INED-6111	Environmental Aesthetics	3(2-1)
INED-6112	Interior Design Project	3(0-3)
	Total Credit Hours	**18**

Semester-8

Code	Course	Credit
HECO-6121	Research Project	6 (0-6)

Major Courses (Food and Nutrition)

Code	Course	Credit
FANU-6111	Applied Nutrition	2 (0-2)
FANU-6112	Nutrition in Health and Prevention	2(2-0)
FANU-6113	Sports Nutrition	2(2-0)
FANU-6114	Food and the Allergic Reaction	3 (3-0)

Major Courses (Textiles and Clothing)

Code	Course	Credit
TEXC-6113	Traditional Textiles of Pakistan	3(3-0)
TEXC-6114	Redesigning and Restoring of Textiles	3(1-2)
TEXC-6115	Textile Applications	3(3-0)

Major Courses (Applied Art and Design)

Code	Course	Credit
ARTD-6113	Art Appreciation	3(2-1)
ARTD-6114	Painting	3(1-2)
ARTD-6115	Hand Built Pottery	3(1-2)

Major Courses (Human Development and Family Studies)

Code	Course	Credit
HDFS-6113	Educational Psy. and Measurement Techniques	3(2-1)
HDFS-6114	Planning and Managing Human Services Programs	3(2-1)
HDFS-6115	Day Care Management and Administration	3(2-1)

Major Courses (Interior and Environmental Design)

Code	Course	Credit
INED-6113	Advance Computer Applications for Interior Design.	3(1-2)
INED-6114	Interior Design Professional Practice Management	3(2-1)
INED-6115	Consumer Marketing Strategies	3(2-1)
	Total Credit Hours	**15**

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**
- Communication and Media Studies
- English
- Information Management
- Islamic Studies
- Arabic Language and Literature
- Sports Sciences
- Urdu Language and Literature
- Persian Language and Literature
- Punjabi Language, Literature and Culture

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

Gull Sher Butt
Assistant Professor (on study leave)

Muhammad Zahid Rafique Rana
Assistant Professor (on study leave)

Haroon Khalid
Assistant Professor

Mubashar Tariq
Assistant Professor (on deputation)

Syeda Tooba Akhtar
Lecturer

Dr Yasir Aleem
Lecturer

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

Saifullah Hassan
Lecturer

Dr Atika Lohani
Incharge Principal

CONTACT
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📞 048-9230568, 9230811 - 15 Ext 310, 443
📍 Ibn khaldun Block

LLB (HONS) 5-YEAR

Eligibility: At least 50% marks in Intermediate (FA, FSc, ICS, I.Com, DAE, A-Level) or Equivalent qualification and LAT test is compulsory with at least 50% marks.
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)

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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)**

Postgraduate Diploma in Banking Law (PGDBL)

Eligibility: Second division or CGPA 2.00 out of 4.00 in LL.B or relevant degree from HEC recognized institution or professional experience / practice in relevant field.
Duration: 1 Years
Semesters: 2
Degree Requirements: 24 credit hours

Code	Course Title	C/Hr.
Semester-1		
ULAW-7501	Banks: Establishment, Control, Supervision etc	3(3-0)
ULAW-7502	Banks Economic Reforms	3(3-0)
ULAW-7503	Bank's Financing Operations	3(3-0)
ULAW-7504	Banking Litigation-I	3(3-0)
	Total	**12(12-0)**
Semester-2		
ULAW-7505	SME Banking & Agricultural Banking.	3(3-0)
ULAW-7506	Banking Litigation-II	3(3-0)
ULAW-7507	Conventional/International Banking	3(3-0)
ULAW-7508	Islamic Banking	3(3-0)
	Total	**12(12-0)**

Postgraduate Diploma in Corporate Law and Practices (PGDCLP)

Eligibility: Second division or CGPA 2.00 out of 4.00 in LL.B or relevant degree from HEC recognized institution or professional experience / practice in relevant field.
Duration: 1 Years
Semesters: 2
Degree Requirements: 24 credit hours

Code	Course Title	C/Hr.
Semester-1		
ULAW-7301	Corporate Law, its Principles and Practices and Companies Ordinance, 2017	3(3-0)
ULAW-7302	Security & Exchange Commission of Pakistan (SECP-1)	3(3-0)
ULAW-7303	Corporate Governance-I	3(3-0)
ULAW-7304	Corporate Finance	3(3-0)
	Total	**12(12-0)**
Semester-2		
ULAW-7305	Corporate Litigation and Practices	3(3-0)
ULAW-7306	Corporate Accounts and Audits	3(3-0)
ULAW-7307	Corporate Governance-II	3(3-0)
ULAW-7308	Security and Exchange Commission of Pakistan (SECP)-II	3(3-0)
	Total	**12(12-0)**

Postgraduate Diploma in Environmental Law (PGDEL)

Eligibility: Second division or CGPA 2.00 out of 4.00 in LL.B or relevant degree from HEC recognized institution or professional experience / practice in relevant field.
Duration: 1 Years
Semesters: 2
Degree Requirements: 24 credit hours

Code	Course Title	C/Hr.
Semester-1		
ULAW-7601	National Environmental Laws-I	3(3-0)
ULAW-7602	International Environmental Law-I	3(3-0)
ULAW-7603	Natural Resources Laws-I	3(3-0)
ULAW-7604	Conservation of Ecology and Environmental Laws	3(3-0)
	Total	**12(12-0)**
Semester-2		
ULAW-7605	National Environmental Laws-II	3(3-0)
ULAW-7606	International Environmental Laws-II	3(3-0)
ULAW-7607	Administration of Environmental Law in Pakistan	3(3-0)
ULAW-7608	Research Methodology and Dissertation	3(3-0)
	Total	**12(12-0)**

Postgraduate Diploma in Forensic Science and Related Laws (PGDFSC)

Eligibility: Second division or CGPA 2.00 out of 4.00 in LL.B or relevant degree from HEC recognized institution or professional experience / practice in relevant field.
Duration: 1 Years
Semesters: 2
Degree Requirements: 24 credit hours

Code	Course Title	C/Hr.
Semester-1		
ULAW-7401	Overview of Laws of Pakistan & Basics of Forensic Science	3(3-0)
ULAW-7402	Crime Scene Management and Legal Framework in Pakistan	3(3-0)
ULAW-7403	Criminalistics and Digital Forensics	3(3-0)
ULAW-7404	Forensics Medical Science-I	3(3-0)
	Total	**12(12-0)**
Semester-2		
ULAW-7405	Criminalities and Science of Questioned Document (QD)	3(3-0)
ULAW-7406	Cyber-crimes in Pakistan and Dissertation on any topic	3(3-0)
ULAW-7407	Legal Perspective of Forensic Biology and Chemistry	3(3-0)
ULAW-7408	Forensics Medical Science-II	3(3-0)
	Total	**12(12-0)**

Postgraduate Diploma in Taxation Laws (PGDTL)

Eligibility: Second division or CGPA 2.00 out of 4.00 in LL.B or relevant degree from HEC recognized institution or professional experience / practice in relevant field.
Duration: 1 Years
Semesters: 2
Degree Requirements: 24 credit hours

Code	Course Title	C/Hr.
Semester-1		
ULAW-7201	General Principles of Taxation	3(3-0)
ULAW-7202	Practice and Procedure of Taxation Law in Pakistan	3(3-0)
ULAW-7203	Practice and Procedure of Agriculture Tax Law in Pakistan	3(3-0)
ULAW-7204	Customs Act, 1069-I	3(3-0)
	Total	**12(12-0)**
Semester-2		
ULAW-7205	Customs Act, 1969-II	3(3-0)
ULAW-7206	Sales Tax Act, 1990	3(3-0)
ULAW-7207	Federal Excise Act, 2005	3(3-0)
ULAW-7208	Research Methodology and Dissertation	3(3-0)
	Total	**12(12-0)**

Postgraduate Diploma in Labour Law (PGDLL)

Eligibility: Second division or CGPA 2.00 out of 4.00 in LL.B or relevant degree from HEC recognized institution or professional experience / practice in relevant field.
Duration: 1 Years
Semesters: 2
Degree Requirements: 24 credit hours

Code	Course Title	C/Hr.
Semester-1		
ULAW-7701	History & Introduction to Labour Laws	3(3-0)
ULAW-7702	International Labour Organization	3(3-0)
ULAW-7703	Industrial Laws in Pakistan-I	3(3-0)
ULAW-7704	Labour Welfare Act/Ord.-I	3(3-0)
	Total	**12(12-0)**
Semester-2		
ULAW-7705	Industrial Laws in Pakistan-II	3(3-0)
ULAW-7706	Laboure Welfare-Act/Ord.-II	3(3-0)
ULAW-7707	Labour Laws Practice and Procedure in Pakistan	3(3-0)
ULAW-7708	Research Methodology and Dissertation	3(3-0)
	Total	**12(12-0)**

Postgraduate Diploma in Intellectual Property Law (PGDIPL)

Eligibility: Second division or CGPA 2.00 out of 4.00 in LL.B or relevant degree from HEC recognized institution or professional experience / practice in relevant field.
Duration: 1 Years
Semesters: 2
Degree Requirements: 24 credit hours

Code	Course Title	C/Hr.
Semester-1		
ULAW-7901	Trade Marks Ordinance, 2001 & WTO Dispute Resolution Procedures	3(3-0)
ULAW-7902	Geographical indications & WTO Dispute Resolution Procedures	3(3-0)
ULAW-7903	Copyright Act, and Allied Rights-I	3(3-0)
ULAW-7904	Industrial Design Laws in Pakistan-I	3(3-0)
	Total	**12(12-0)**
Semester-2		
ULAW-7905	Industrial Design Laws in Pakistan-II	3(3-0)
ULAW-7906	Patent Laws in Pakistan	3(3-0)
ULAW-7907	Copyright Act, and Allied Rights-II	3(3-0)
ULAW-7908	Research Methodology and Dissertation	3(3-0)
	Total	**12(12-0)**

Postgraduate Diploma in International Trade (WTO) Law & EEU (Eurasian Economic Union) (PGDITLE)

Eligibility: Second division or CGPA 2.00 out of 4.00 in LL.B or relevant degree from HEC recognized institution or professional experience / practice in relevant field.
Duration: 1 Years
Semesters: 2
Degree Requirements: 24 credit hours

Code	Course Title	C/Hr.
Semester-1		
ULAW-7801	International Economics & International Law	3(3-0)
ULAW-7802	WTO Laws-I	3(3-0)
ULAW-7803	International Trade Law-I	3(3-0)

ULAW-7804	Eurasian Economic Union and Implications	3(3-0)
	on International Trad Law-I	
	Total 12(12-0)	

Semester-2

ULAW-7805	International Trade Law-II	3(3-0)
ULAW-7806	WTO Laws-II	3(3-0)
ULAW-7807	Eurasian Economic Union & Implications	3(3-0)
	on International Trade Law-II	
ULAW-7808	Research Methodology & Thesis	3(3-0)
	on any related topic	
	Total 12(12-0)	

LL.M

Eligibility: At least 2nd division or CGPA 2.00 out of 4.00 in LL.B from HEC recognized institution - College 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 Course(s)		
ULAW-7101	Research Methodology	4(4-0)
Optional Subjects		
ULAW-7102	Administrative Law	4(4-0)
ULAW-7103	Alternate Dispute Resolution	4(4-0)
ULAW-7104	Banking Laws	4(4-0)
ULAW-7105	Commercial/Business Laws	4(4-0)
ULAW-7106	Company/Corportate Law	4(4-0)
ULAW-7107	Comparative Constitutional Law	4(4-0)
ULAW-7108	Comparative Environmental Law	4(4-0)
ULAW-7109	Comparative Human Rights Law	4(4-0)
ULAW-7110	Comparative Study of Islamic and	4(4-0)
	Western Jurisprudence	
ULAW-7111	Constitutional Law of Pakistan	4(4-0)
ULAW-7112	Criminology	4(4-0)

ULAW-7113	Intellectual Property Laws	4(4-0)
ULAW-7114	International Economic Law	4(4-0)
ULAW-7115	International Trade Law	4(4-0)
ULAW-7116	Islamic Laws	4(4-0)
ULAW-7117	Labour Laws	4(4-0)
ULAW-7118	Law and Politics	4(4-0)
ULAW-7119	Law and Society in South Asia	4(4-0)
ULAW-7120	Law of Evidence	4(4-0)
ULAW-7121	Law of International institutions	4(4-0)
ULAW-7122	Law of Taxation	4(4-0)
ULAW-7123	Legal History of Pakistan and India	4(4-0)
ULAW-7124	Shipping Law	4(4-0)
ULAW-7125	Western Jurisprudence and Legal Theory	4(4-0)

At least 24 credit hours course work is compulsory. More than 24 courses can be offered by the College of Law. Courses will be offered keeping in view the availability of the teachers.

INSTITUTE OF
ART & DESIGN

Faculty

Maryam Saif
Assistant Professor

Nadia Abbasi
Assistant Professor

Naila Khan
Lecturer

Hassan Babar
Lecture

Nadeem Afraz
Lecturer (on leave)

Iram Shaheen
Lecturer (on leave)

Bushra Gull
Assistant Professor / Incharge

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

BS Fine Arts

Eligibility: At least 45% marks in Intermediate (FA/FSc) or Equivalent qualification. The candidate has to pass drawing test with 45% passing marks.
Merit Determination: Terminal degree 70% + Departmental Test 30% (Drawing)
Duration: 4 Years | **Semesters:** 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
FINA-5101	Foundation Drawing-1	3(0-3)
FINA-5102	Foundation Design	3(1-2)
FINA-5103	Print Making-I	3(0-3)
FINA-5104	Sculpture	4(0-4)
URCE-5101	Grammar	2(2-0)
URCP-5106	Pakistan Studies	2(2-0)
		Total 17(5-12)
Semester-2		
FINA-5105	Miniature-I	3(0-3)
FINA-5106	Print Making-II	3(0-3)
FINA-5107	Foundation Drawing-II	3(0-3)
FINA-5108	Introduction to Computer	2(2-0)
URCM-5107	Mathematics (Geometry and Drafting)	2(2-0)
URCE-5102	Language Comprehension & Presentation Skills	2(2-0)
URCI-5105	Islamic Studies	2(2-0)
		Total 17(8-9)
Semester-3		
FINA-5109	Drawing-III	3(0-3)
FINA-5110	Painting	4(0-4)
FINA-5111	History of Civilizations	3(3-0)
FINA-5112	Miniature-II	4(0-4)
URCE-5103	Academic Writing	2(2-0)
FINA-5113	Illustration (Manual)	3(0-3)
		Total 19(5-14)
Semester-4		
FINA-5114	Drawing IV	3(0-3)
FINA-5115	History of Western Art-I	3(3-0)
FINA-5116	Optional-I: Mural Art/Ceramics	3(0-3)
FINA-5117	Major-I: Painting/Sculpture	6(0-6)
URCE-5104	Introduction to English Literature	2(2-0)
ULAW-5130	Introduction to Basic Law	2(2-0)
		Total 19(7-12)
Semester-5		
FINA-6118	Major-II: Painting/Sculpture	6(0-6)
FINA-6119	Digital Art	3(0-3)
FINA-6120	Drawing-V	3(0-3)
FINA-6121	History of Islamic Art	3(3-0)
FINA-6122	History of Western Art-II	3(3-0)
		Total 18(6-12)
Semester-6		
FINA-6123	Major-III: Painting/Sculpture	6(0-6)
FINA-6124	History of Asian Art	3(3-0)
FINA-6125	Conceptual Art	3(0-3)
FINA-6126	Drawing-VI	3(0-3)
FINA-6127	Optional-II: History of Painting/Sculpture	2(2-0)
		Total 17(5-12)

Semester-7

Code	Course Title	C/Hr.
FINA-6128	Mini Thesis: Painting/Sculpture	6(0-6)
FINA-6129	Drawing-VII	3(0-3)
FINA-6130	Photography	3(0-3)
FINA-6131	Installation Art	3(0-3)
FINA-6132	Art Criticism	2(2-0)
FINA-6133	Research Methodology	2(2-0)
	Total	**19(4-15)**

Semester-8

Code	Course Title	C/Hr.
FINA-6134	Art Presentation	3(0-3)
FINA-6135	Thesis: Painting/Sculpture	6(0-6)
FINA-6136	Thesis Research Report	3(0-3)
	Total	**12(3-9)**

Bachelors in Graphic Design

Eligibility: At least 45% marks in Intermediate (FA/FSc) or Equivalent qualification. The candidate has to pass drawing test with 45% passing marks.
Merit Determination: Terminal degree 70% + Departmental Test 30% (Drawing)
Duration: 4 Years | **Semesters:** 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
GRAD-5101	Calligraphy-I	3(0-3)
GRAD-5102	Basic Design-I	3(0-3)
GRAD-5103	Drawing-I	3(0-3)
GRAD-5104	Introduction to Computer	3(0-3)
	Total	**17(5-12)**
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
GRAD-5105	Calligraphy-II	3(0-3)
GRAD-5106	Basic Design-II	3(0-3)
URCM-5107	Mathematics (Geometry and Drafting)	3(3-0)

Code	Course Title	C/Hr.
GRAD-5107	Drawing-II	3(0-3)
	Total	**17(8-9)**
Semester-3		
URCE-5103	Academic Writing	3(3-0)
GRAD-5108	History of Art	3(3-0)
GRAD-5109	Drawing-III	3(0-3)
GRAD-5110	Graphic Design-I	3(0-3)
GRAD-5111	Photography-I	3(0-3)
GRAD-5112	Communication Design	3(0-3)
	Total	**18(6-12)**
Semester-4		
URCE-5104	Introduction to English Literature	3(3-0)
GRAD-5113	Fundamental of Typography	2(0-2)
GRAD-5114	History of Graphic Design-I	3(3-0)
GRAD-5115	Graphic DesignII	3(0-3)
GRAD-5116	PhotographyII	3(0-3)
GRAD-5117	Techniques of Printing	2(1-1)
	Total	**16(7-9)**
Semester-5		
GRAD-6118	History of Graphic Design-II	3(3-0)
GRAD-6119	Graphic DesignIII	3(0-3)
GRAD-6120	Web Design-I	3(0-3)
GRAD-6121	Advertising Design-I	3(0-3)
GRAD-6122	Videography-I	4(1-3)
	Total	**16(4-12)**
Semester-6		
GRAD-6123	Psychology	3(3-0)
GRAD-6124	Advertising Design-II	3(0-3)
GRAD-6125	Illustration-I	3(0-3)
GRAD-6126	Videography-II	3(0-3)
GRAD-6127	Web Design-II	3(0-3)
GRAD-6128	Research Methodology	3(3-0)
	Total	**18(6-12)**
Semester-7		
GRAD-6129	Advertising Design Seminar	6(3-3)

Code	Course Title	C/Hr.
GRAD-6130	Illustration-II	3(0-3)
GRAD-6131	Preparation for Internship	4(0-4)
GRAD-6132	Computer Graphics-I	3(0-3)
GRAD-6133	Thesis-I	3(0-3)
	Total	**19(3-16)**
Semester-8		
GRAD-6134	Thesis-II	6(0-6)
GRAD-6135	Computer Graphics-II	3(0-3)
GRAD-6136	Report Writing	3(3-0)
GRAD-6137	Visual Design and Marketing	3(1-2)
ULAW-5130	Introduction to Basic Law	3(3-0)
	Total	**18(4-11)**

BS Interior Design

Eligibility: At least 45% marks in Intermediate (FA/FSc) or Equivalent qualification. The candidate has to pass drawing test with 45% passing marks.
Merit Determination: Terminal degree 70% + Departmental Test 30% (Drawing)
Duration: 4 Years | **Semesters:** 8
Degree Requirements: 143 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
INTD-5101	Foundation Drawing-1	3(0-3)
INTD-5102	Decorative Arts	3(0-3)
INTD-5103	Design Studio-I	3(0-3)
INTD-5104	Shaping	3(0-3)
INTD-5105	Digital Communication	2(2-0)
URCE-5101	Grammar	2(2-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total	**18(6-12)**
Semester-2		
INTD-5106	Design Studio-II	3(0-3)
INTD-5107	Design History and Theory-I	3(3-0)
INTD-5108	Foundation Drawing-II	3(0-3)
INTD-5109	Drafting	3(0-3)
INTD-5110	Material and Models	3(0-3)

Code	Course Title	C/Hr.
URCE-5102	Language Comprehension & Presentation Skills	2(2-0)
URCI-5105	Islamic Studies	2(2-0)
	Total 19(7-12)	

Semester-3

Code	Course Title	C/Hr.
INTD-5111	Perspective Drawing for Interior DesignI	3(0-3)
INTD-5112	Fundamental of Space and Planning	3(0-3)
INTD-5113	Design History and Theory-II	3(3-0)
INTD-5114	Photoshop for Interior Design-I	3(0-3)
INTD-5115	Research Project and Presentation	3(0-3)
INTD-5116	Career Planning	2(2-0)
URCE-5103	Academic Writing	2(2-0)
	Total 19(7-12)	

Semester-4

Code	Course Title	C/Hr.
INTD-5117	Perspective Drawing for Interior Design-II	3(0-3)
INTD-5118	History of Art and Architecture	3(3-0)
INTD-5119	Photoshop for Interior Design-II	3(0-3)
INTD-5120	Architectural Standards	3(0-3)
INTD-5121	Materials Study for Interior Design-I	3(0-3)
URCE-5104	Introduction to English Literature	2(2-0)
URCM-5107	Mathematics (Geometry and Drafting)	2(2-0)
	Total 19(7-12)	

Semester-5

Code	Course Title	C/Hr.
INTD-6122	Building Concepts and Environment	2(2-0)
INTD-6123	Intro. to 3D Software for Interior Design-I	3(0-3)
INTD-6124	Perspective Drawing for Interior DesignIII	3(0-3)
INTD-6125	Materials Study for Interior Design-II	3(0-3)
INTD-6126	Photography	3(0-3)
INTD-6127	Construction Technology	3(0-3)
ULAW-5130	Introduction to Basic Law	2(2-0)
	Total 19(4-15)	

Semester-6

Code	Course Title	C/Hr.
INTD-6128	Intro. to 3D Software for Interior Design-II	3(0-3)
INTD-6129	Intro. to Marketing and Merchandising	2(2-0)
INTD-6130	Investment Analysis and Portfolio Management	4(2-2)
INTD-6131	Rendering Interior Design Layout Techniques	3(0-3)

Code	Course Title	C/Hr.
INTD-6132	Understanding Interior Lightening	3(0-3)
INTD-6133	Furniture Design-I	3(0-3)
	Total 18(4-14)	

Semester-7

Code	Course Title	C/Hr.
INTD-6134	Entrepreneurship	3(3-0)
INTD-6135	Research Methodology	2(0-2)
INTD-6136	Furniture Design-II	3(0-3)
INTD-6137	Landscaping	3(0-3)
INTD-6138	Thesis Project-I	6(0-6)
	Total 17(3-14)	

Semester-8

Code	Course Title	C/Hr.
INTD-6139	Project Management	2(0-2)
INTD-6140	Thesis Report	3(3-0)
INTD-6141	Thesis Project-II	9(0-9)
	Total 14(3-11)	

Bachelors in Textile Design

Eligibility: At least 45% marks in Intermediate (FA/FSc) or equivalent qualification. The candidate has to pass drawing test with 45% passing marks.
Merit Determination: Terminal degree 70% + Departmental Test 30% (Drawing)
Duration: 4 Years | **Semesters:** 8
Degree Requirements: 149 Credit Hours

Code	Course Title	C/Hr.

Semester-1

Code	Course Title	C/Hr.
URCE-5101	Grammar	2(2-0)
URCP-5106	Pakistan Studies	2(2-0)
URCM-5107	Mathematics (Geometry and Drafting)	3(1-2)
TEXD-5101	Foundation Drawing-1	3(0-3)
TEXD-5102	Introduction to Visual Arts-I	3(0-3)
TEXD-5103	Textile Basics	3(0-3)
TEXD-5104	Introduction to Computer	3(0-3)
	Total 19(5-14)	

Semester-2

Code	Course Title	C/Hr.
URCE-5102	Language Comprehension & Presentation Skills	2(2-0)
URCI-5105	Islamic Studies	2(2-0)

Code	Course Title	C/Hr.
TEXD-5105	Foundation Drawing-II	3(0-3)
TEXD-5106	Textile Design Fundamentals	6(1-5)
TEXD-5107	Introduction to Visual Arts-II	3(0-3)
TEXD-5108	Textile Applied Finishes and Chemistry	3(2-1)
	Total 19(7-12)	

Semester-3

Code	Course Title	C/Hr.
URCE-5103	Academic Writing	3(3-0)
TEXD-5109	Drawing-III	3(0-3)
TEXD-5110	History of Civilization-I	2(2-0)
TEXD-5111	Textile Dyeing Techniques (Studio Practice)	3(0-3)
TEXD-5112	2D Textile Rendering Tech-I (Studio Practice)	4(1-3)
TEXD-5113	Weave Design-I	3(0-3)
	Total 18(6-12)	

Semester-4

Code	Course Title	C/Hr.
URCE-5104	Introduction to English Literature	3(3-0)
TEXD-5114	Weave Design Art Studio	3(0-3)
TEXD-5115	Drawing -IV	3(0-3)
TEXD-5116	History of Civilization-II	2(2-0)
TEXD-5117	2D Textile Rendering Tech-II (Studio Practice)	3(0-3)
TEXD-5118	Textile Seminar/ Fashion Workshops	4(0-4)
TEXD-5119	Textile Materials	3(2-1)
	Total 21(7-14)	

Semester-5

Code	Course Title	C/Hr.
TEXD-6119	Fashion Drawing & Illustration	3(0-3)
TEXD-6120	Textile CAD I	4(1-3)
TEXD-6121	History of Western Art-I	2(2-0)
TEXD-6122	History of Textiles	2(2-0)
TEXD-6123	Weave Design Art Studio (Advance)	3(0-3)
TEXD-6124	Textile Design Essentials	3(0-3)
	Total 17(5-12)	

Semester-6

Code	Course Title	C/Hr.
TEXD-6125	Textile Embellishments and Sculpture Art	3(0-3)
TEXD-6126	History of Western Art-II	2(2-0)
TEXD-6127	Textile CAD-II (Advance)	4(1-3)
TEXD-6128	3D Fabric Rendering Tech	4(1-3)

Code	Course Title	C/Hr.
TEXD-6129	Consumer Behavior/ Phycology	2(2-0)
TEXD-6130	Photography	3(0-3)
	Total 18(6-12)	
Semester-7		
TEXD-6131	Research Methodology	2(2-0)
TEXD-6132	Fashion Elective & Product Design	3(0-3)
TEXD-6133	Mini Thesis	6(0-6)
TEXD-6134	Internship	6(0-6)
TEXD-6135	Art Appreciation	2(2-0)
Semester-8	**Total 19(4-15)**	
ULAW5130	Introduction to Basic Law	2(2-0)
TEXD-6136	History of Costume and Fashion	2(2-0)
TEXD-6137	Graduate Colloquium	2(0-2)
TEXD-6138	Textile Final Thesis	12(0-12)
	Total 18(4-14)	

Diploma in Painting

Eligibility: At least 45% marks in Intermediate (FA/FSc) 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 Intermediate 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 Intermediate 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)	

Code	Course Title	C/Hr.
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)	

Certificate in Digital Photography/Videography

Eligibility: SSC / Matriculation or Equivalent +Interview
Duration: 3 Months
Age Limit: There will be no age limit for admission in this certificate course
Commencement of Courses: From Summer Semester 2020 (Morning/Evening)

Code	Course Title	C/Hr.
DGPV-4001	Digital Photography/Videography	9(3-6)
	Total 9(3-6)	

Certificate in Graphic Design

Eligibility: SSC / Matriculation or Equivalent +Interview
Duration: 3 Months
Age Limit: There will be no age limit for admission in this certificate course
Commencement of Courses: From Summer Semester 2020 (Morning/Evening)

Code	Course Title	C/Hr.
GRAD-4002	Graphic Design	9(3-6)
	Total 9(3-6)	

Certificate in Drawing

Eligibility: SSC / Matriculation or Equivalent +Interview
Duration: 3 Months
Age Limit: There will be no age limit for admission in this certificate course
Commencement of Courses: From Summer Semester 2020 (Morning/Evening)
Fee Structure: See "Fee Structure" page No. 152

Code	Course Title	C/Hr.
DRAW-4003	Drawing	9(3-6)
	Total 9(3-6)	

Certificate in Painting

Eligibility: SSC / Matriculation or Equivalent +Interview
Duration: 3 Months
Age Limit: There will be no age limit for admission in this certificate course
Commencement of Courses: From Summer Semester 2020 (Morning/Evening)

Code	Course Title	C/Hr.
PANT-4004	Painting	9(3-6)
	Total	**9(3-6)**

Certificate in Calligraphy

Eligibility: SSC / Matriculation or Equivalent +Interview
Duration: 3 Months
Age Limit: There will be no age limit for admission in this certificate course
Commencement of Courses: From Summer Semester 2020 (Morning/Evening)

Code	Course Title	C/Hr.
CALG-4005	Calligraphy	9(3-6)
	Total	**9(3-6)**

Certificate in Fashion Design

Eligibility: SSC / Matriculation or Equivalent +Interview
Duration: 3 Months
Age Limit: There will be no age limit for admission in this certificate course
Commencement of Courses: From Summer Semester 2020 (Morning/Evening)

Code	Course Title	C/Hr.
FADN-4006	Fashion Design	9(3-6)
	Total	**9(3-6)**

Certificate in Textile Design

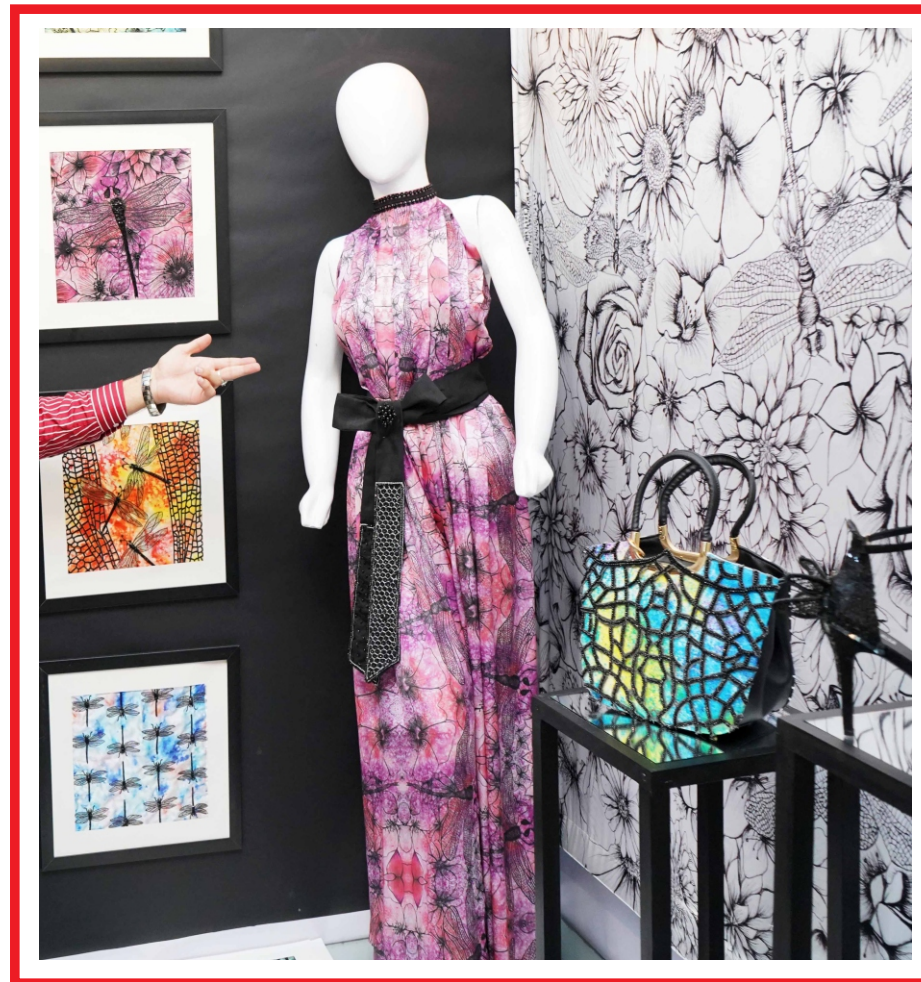**Eligibility:** SSC / Matriculation or Equivalent +Interview
Duration: 3 Months
Age Limit: There will be no age limit for admission in this certificate course
Commencement of Courses: From Summer Semester 2020 (Morning/Evening)

Code	Course Title	C/Hr.
TEXT-4007	Textile Design	9(3-6)
	Total	**9(3-6)**

DEPARTMENT OF
COMMUNICATION AND MEDIA STUDIES

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Lecturer

Tariq Nawaz
Lecturer

BS Media and Communication Studies

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICS, ICom, DCom, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
MCOM-5101	Intro. to Conven. and Digital Communication	3(3-0)
URCI-5109	Intro to Info. and Communication Technology	3(3-0)
MCOM-5102	Information Management	3(3-0)
POLS-5101	Introduction to Political Science	3(3-0)
	Total	**17(17-0)**
Semester-2		
URCE-5102	Language, Compre. & Presentation Skills	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
MCOM-5103	Comp. Applications in Mass Communication	3(3-0)
MCOM-5104	Contemporary World Media	3(3-0)
ULAW-5130	Introduction to Basic Laws	3(3-0)
MCOM-5105	Journalistic Language (Urdu)	3(3-0)
URCC-5110	Citizenship Edu. And Community Engagement	3(3-0)
	Total	**17(17-0)**
Semester-3		
URCE-5103	Academic Writing	3(3-0)
MCOM-5106	Introduction to Mobile Journalism	3(3-0)
MCOM-5107	News Reporting and Sub-Editing	3(3-0)

Code	Course Title	C/Hr.
MCOM-5108	Current Affairs	3(3-0)
ECON-5112	Introduction to Economics	3(3-0)
SOCI-5101	General Sociology-1	3(3-0)
Semester-4	**Total**	**18(18-0)**
MCOM-5109	Journalistic Language (English)	3(2-1)
MCOM-5110	Functional Urdu	3(3-0)
MCOM-5111	Introduction to Social Media	3(3-0)
MCOM-5112	Media Ethics and Laws	3(3-0)
PSYC-5106	Social Psychology	3(3-0)
STAT-5121	Introduction to Statistics	3(3-0)
	Total	**15(15-0)**
Semester-5		
GRAD-5115	Graphic Design-II	3 (1-2)
MCOM-6113	Photojournalism in the Digital Era	3 (2-1)
MCOM-6114	Human Communication, Cybernetics and Effect Theories-I	3 (3-0)
MCOM-6115	Introduction to Broadcast Media	3 (3-0)
MCOM-6116	Fundamentals of Research	3 (3-0)
MCOM-6117	Introduction to Film and Theatre	3 (3-0)
	Total	**15(15-0)**
Semester-6		
MCOM-6118	Digital Journalism	3 (3-0)
MCOM-6119	Human Comm., Cybernetics & Effect Theories-II	3 (3-0)
MCOM-6120	Introduction to Advertising and Public Relations	3 (3-0)
MCOM 6121	Research Methods in Communication Studies	3 (3-0)
MCOM 6122	Opinion Writing	3 (1-2)
	Total	**18(12-6)**
Semester-7		
MCOM-6123	International Communication	3 (3-0)
MCOM-6124	Development Communication	3 (3-0)
MCOM-6125	Economics of New Media	3 (3-0)

	Sequences i. Digital Media	
MCOM-6126	Creative Writing for Digital Media	3(1-2)
MCOM-6127	Social Media Platforms	3(3-0)
	ii. Broadcast Media	
MCOM-6128	Radio News Reporting and Production	3(2-1)
MCOM-6129	TV News Reporting and Production	3(2-1)
	iii. Strategic Communication	
MCOM-6130	Strategic Communication in Digital Age	3(3-0)
MCOM-6131	Public Relations	3(1-2)
	iv. Development Support Communication	
MCOM-6132	Development Support Communication	3(3-0)
MCOM-6133	Technology and Social Change	3(3-0)
	v. Print Media	
MCOM-6134	Conflict Reporting	3(3-0)
MCOM-6135	Newspaper Production	3(1-2)
	vi. Film and Theatre	
MCOM-6136	Film (Theory and Practice)	3(2-1)
MCOM-6137	Theatre (Theory and Practice)	3(2-1)
Semester-8		
MCOM-6138	Media Management	3(3-0)
MCOM-6139	Research Report	3(3-0)
MCOM-6140	Civic Media	3(3-0)
MCOM-6141	Internship	3(0-3)
	Sequences i. Digital Media	
MCOM-6142	Convergent Media	3(3-0)
MCOM-6143	Mobile Journalism Production & Broadcasting	3(1-2)
	ii. Broadcast Media	
MCOM-6144	Radio Program Production	3(1-2)
MCOM-6145	TV Program Production	3(1-2)
	iii. Strategic Communication	
MCOM-6146	Advertising	3(1-2)
MCOM-6147	Strategic Communication Campaign Design	3(1-2)
	iv. Development Support Communication	
MCOM-6148	Development Journalism	3(1-2)
MCOM-6149	Campaign Designing	3(1-2)

	v. Print Media	
MCOM-6150	Sub-Editing and Page Designing	3(1-2)
MCOM-6151	Magazine Production	3(1-2)
	vi. Film and Theatre	
MCOM-6152	Film Production (Project)	3(0-3)
MCOM-6153	Theatre (Project)	3(0-3)
	Total 15(15-0)	

BS Media and Communication Studies (Digital and Social Media)

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICS, ICom, DCom, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
URCI-5109	Intro to Conventional & Digital Communication	3(3-0)
MCOM-5301	Intro to Information & Communication Tech.	3(3-0)
MCOM-5302	Cyber Laws & Digital Media Rights	3(3-0)
MCOM-5303	Introduction to Social Media	3(3-0)
	Total 17(17-0)	
Semester-2		
URCC-5110	Citizenship Education & Community Engagement	F/P
URCE-5102	Language Compre. & Presentation Skills	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
MCOM-5304	Computer Applications in Digital Media	3(0-3)
MCOM-5305	Digital Journalism	3(3-0)
MCOM-5306	Urud Language in Digital Media	3(2-1)
	Total 14(13-1)	
Semester-3		
URCE-5103	Academic Writings	3(3-0)
GRAD-5110	Graphic Designing-I	3(1-2)
PSYC-5106	Social Media Psychology	3(3-0)

MCOM-5307	Information Security	3(3-0)
MCOM-5308	Multimedia System and Design	3(3-0)
MCOM-5309	Digital Literacy	3(3-0)
Semester-4		**Total 18(16-2)**
MCOM-5310	Creative Writing for Digital & Social Media (Urdu & English)	3(1-2)
STAT-5121	Introduction to Statistics	3(3-0)
GRAD-5115	Graphic Designing-II	3(1-2)
MCOM-5311	Programming Fund. (Information Technology)	3(2-1)
MCOM-5312	Introduction to Mobile Journalism (Production & Broadcasting)	3(2-1)
		Total 15(9-6)
Semester-5		
MCOM-6313	E-Commerce	3(3-0)
MCOM-6314	Web Designing	3(1-2)
MCOM-6315	Social Media Management& Marketing	3(3-0)
MCOM-6316	Digital Media Ethics	3(3-0)
MCOM-6317	Digital Broadcasting	3(2-1)
MCOM-6318	Digital Public Relations	3(2-1)
		Total 18(14-4)
Semester-6		
MCOM-6319	Mobile Application Development	3(0-3)
MCOM-6320	Fund. Of Digital & Social Media Research	3(3-0)
MCOM-6321	Digital & Social Media Theories	3(3-0)
MCOM-6322	Digital & Social Media Advertising	3(2-1)
MCOM-6323	Development Communication in Digital Age	3(3-0)
MCOM-6324	Economics of Digital Media	3(3-0)
		Total 18(14-4)
Semester-7		
MCOM-6325	Social Media Entrepreneurship	3(3-0)
MCOM-6326	International Communication in Digital Age	3(3-0)
MCOM-6327	SEO (Search Engine Optimization)	3(1-2)
MCOM-6328	Capstone-I	6(0-6)
		Total 15(7-8)
Semester-8		
MCOM-6329	Internship	3(3-0)
MCOM-6330	SEM (Search Engine Marketing)	3(0-3)
MCOM-6331	Social Media Propaganda & Information Warfare	3(3-0)
MCOM-6332	Capstone-II	6(0-6)
		Total 15(6-9)

BS Media and Communication Studies (Strategic Communication)

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICS, ICom, DCom, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
URCI-5109	Intro to Info. and Communication Technology	3(3-0)
MCOM-5401	Introduction of Strategic Communication	3(3-0)
MCOM-5402	Information Management	3(3-0)
POLS-5101	Introduction to Political Science	3(3-0)
	Total 17(17-0)	
Semester-2		
URCE-5102	Lang., Comprehension & Presentation Skills	3 (3-0)
URCP-5106	Pakistan Studies	2 (2-0)
MCOM-5403	Comp. Applications in Mass Communication	3 (0-3)
MCOM-5404	Fundamentals of advertising & PR	3 (3-0)
ULAW-5130	Introduction to Basic Laws	3 (3-0)
URCC-5110	Citizenship Edu. & Community Engagement	3 (1-2)
	Total 17(12-5)	
Semester-3		
URCE-5103	Academic Writing	3 (3-0)
MCOM-5405	Corporate Communi. /Structures & History	3 (3-0)
MCOM-5406	Organizational Imperatives and Objectives	3 (3-0)
MCOM-5407	Brand Communication history and emergence	3 (3-0)
ECON-5112	Principles of Economics	3 (3-0)
SOCI-5101	General Sociology-1	3 (3-0)
	Total 18(18-0)	
Semester-4		
MCOM-5408	Contemporary Advertising Practice	3 (3-0)
MCOM-5409	Functional Urdu	3 (3-0)
MCOM-5410	Corporate Identity, Image, and Branding	3 (3-0)
MCOM-5411	Media Ethics and Laws	3 (3-0)
PSYC-5106	Social Psychology	3 (3-0)

Code	Course Title	C/Hr.
STAT-5121	Introduction to Statistics	3 (3-0)
	Total 18(18-0)	
Semester-5		
GRAD-5115	Graphic Design-II	3 (3-0)
MCOM-6412	Corporate Social Responsibility	3 (3-0)
MCOM-6413	Theories of Strategic Communication	3 (3-0)
MCOM-6414	Contemporary Filming (TV and Film Camera Techniques)	3 (3-0)
MCOM-6415	Applied Research for Strategic Communication	3 (3-0)
MCOM-6416	Digital Editing (Visual Content)	3 (3-0)
	Total 18(18-0)	
Semester-6		
MCOM-6417	Social Media and Networking	3 (3-0)
MCOM-6418	StrategicPolitical Communication	3 (3-0)
MCOM-6419	Brands Photography	3 (3-0)
MCOM-6420	Stakeholder Relations (Employees, Media and Government)	3 (3-0)
MCOM-6421	Creative Strategy &Copy Writing	3 (3-0)
	Total 18(14-4)	
Semester-7		
MCOM-6422	Intercultural and International Communication	3(0-3)
MCOM-6423	Global Strategic Communication	3(3-0)
MCOM-6424	Economics of Media	3(3-0)
	Sequences i. Organizational Communication	
MCOM-6425	Political Activity, Influence and lobbying	3(3-0)
MCOM-6426	Case Studies	3(3-0)
	ii. Brand Communication	
MCOM-6427	Media Planning & Media Buying	3(3-0)
MCOM-6428	Desktop and Conventional Printing	3(3-0)
	iii. Corporate Communication	
MCOM-6429	Corporate and Marketing Communication	3(3-0)
MCOM-6430	Corporate Public Relations	3(3-0)
Semester-8		
MCOM-6431	Multimedia Development and Production	3 (3-0)
MCOM-6432	Market Research and Data analysis	3 (3-0)
MCOM-6433	Integrated Marketing Communication	3 (3-0)
MCOM-6434	Internship (Compulsory)	3 (0-3)
	Sequences i. Organizational Communication	
MCOM-6435	Organizational Behavior	3(3-0)
MCOM-6436	Project Organizational Communication	3(3-0)

Code	Course Title	C/Hr.
	ii. Branch Communication	
MCOM-6437	Brand Packaging	3(3-0)
MCOM-6438	Project Brand Development	3(3-0)
	iii. Corporate Communication	
MCOM-6439	Brand Packaging	3 (3-0)
MCOM-6440	Project Brand Development	3 (0-3)

BS Media and Communication Studies (Theatre, Film & Television)

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICS, ICom, DCom, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3 (3-0)
URCI-5105	Islamic Studies	2 (2-0)
MCOM-5501	Introduction to Film & TV	3 (3-0)
URCI-5109	Intro. to Info. & Communication Technologies	3(3-0)
MCOM-5502	Intro. to Conventional & Digital Communi.	3 (3-0)
GRAD-5102	Basic Design-I	3 (0-3)
	Total 17(14-3)	
Semester-2		
URCE-5102	Language, Compre. & Presentation Skills	3 (3-0)
URCP-5106	Pakistan Studies	2 (2-0)
MCOM-5503	Introduction to Theatre	3 (3-0)
MCOM-5504	Fundamentals of Photography	3 (1-2)
MCOM-5505	Functional Urdu	3 (3-0)
GRAD-5106	Basic Design-II	3 (0-3)
URCC-5110	Citizenship Educ. & Community Engagement	N/C
	Total 17(14-3)	
Semester-3		
URCE-5103	Academic Writing	3 (3-0)
MCOM-5506	Fundamentals of Camera	3 (1-2)
MCOM-5507	Lighting for Film & TV-I	3 (2-1)
MCOM-5508	Acting, Improvisation and Devising	3 (1-2)
PSYC-5106	Social Psychology	3 (3-0)
SOCI-5101	General Sociology-I	3 (3-0)
	Total 18(13-5)	

Semester-4

Code	Course Title	C/Hr.
MCOM-5509	Script Writing	3 (2-1)
MCOM-5510	Lighting for Film & TV-II	3 (0-3)
MCOM-5511	Advanced Camera	3 (1-2)
MCOM-5512	Sound and Audio Design	3 (1-2)
SOCI-6108	Gender Studies	3 (3-0)
GRAD-5110	Graphic Design-I	3 (0-3)
	Total	**18(7-11)**

Semester-5

Code	Course Title	C/Hr.
MCOM-6513	Direction	3 (2-1)
GRAD-5115	Graphic Design-II	3 (0-3)
MCOM-6514	Audio and Video Editing	3 (1-2)
MCOM-6515	Set Design, Costume and Make-up	3 (2-1)
MCOM-6516	Film Theory and Criticism	3 (3-0)
STAT-5121	Introduction to Statistics	3 (3-0)
	Total	**18(11-7)**

Semester-6

Code	Course Title	C/Hr.
MCOM-6517	Fundamentals of Animation	3 (2-1)
MCOM-6518	Anchoring & Hosting	3 (1-2)
MCOM-6519	Short Film Production	3 (1-2)
MCOM-6520	TV Production	3 (2-1)
MCOM-6521	Communication Theory	3 (3-0)
	Total	**15(9-6)**

Semester-7

Code	Course Title	C/Hr.
MCOM-6522	Musicology	3 (2-1)
MCOM-6523	Documentary Production	3 (1-2)
MCOM-6524	Music Video Production	3 (1-2)
MCOM-6525	Marketing & Distribution for Film & TV	3 (3-0)
MCOM-6526	Theatre Production Design	3 (2-1)
MCOM-6527	Research Methods in Communication Studies	3 (3-0)
	Total	**15(9-6)**

Semester-8

Code	Course Title	C/Hr.
MCOM-6528	Thesis Project	6 (0-6)
MCOM-6529	Internship	3 (0-3)
	Total	**9(0-9)**

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

Code	Course Title	C/Hr.
MCOM-7106	International Communication	3 (3-0)
MCOM-7107	M. Phil Seminar	3 (3-0)
MCOM-7108	Media and Politics	3 (3-0)
MCOM-7109	Digital and Social Media	3 (3-0)
MCOM-7110	Film Studies and Critique	3 (3-0)
MCOM-7111	Advanced Development Communication	3 (3-0)
MCOM-7112	Media and Cultural Studies	3 (3-0)

MPhil Communication & Media Studies (Professional Track)

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-7201	Communication Theories	3(3-0)
MCOM-7202	Research Methods	3(3-0)
MCOM-7303	Tools and Skills of Production	3(1-2)
MCOM-71xx	Optional-I*	3(3-0)
	Total	**12(12-0)**
Semester-2		
MCOM-7204	Writing Techniques (Radio, TV and Film)	3(3-0)
MCOM-7205	Seminar	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-7216	Thesis	6(0-6)

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

Code	Course Title	C/Hr.
MCOM-7206	PR and Advertising Theories	3 (3-0)
MCOM-7207	Introduction to Filmosophy	3 (3-0)
MCOM-7208	Digital Media Marketing and Management	3 (3-0)
MCOM-7209	Film and Theater Studies (With Project)	3 (1-2)
MCOM-7210	Visual Communication	3 (1-2)
MCOM-7211	PR & Advertising Practicum (with the Project)	3 (1-2)
MCOM-7212	Advertising and PR in Digital Age	3 (1-2)
MCOM-7213	Media Ethics and Practice	3 (3-0)
MCOM-7214	Advance Development Communication	3 (3-0)
MCOM-7215	Digital and Social Media	3 (2-1)

DEPARTMENT OF
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Assistant Professor / Incharge

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☎ 048-9230892, 048-9230811-15 Ext 417, 421, 424
◎ Jinnah Block

FACULTY

Dr. Ijaz Asghar Assistant Professor	**Bushra Amil** Lecturer
Dr. Azhar Pervaiz Assistant Professor	**Sumera Saleem** Lecturer
Rabia Faiz Assistant Professor	**Imran Adeel** Lecturer
Dr. Musarrat Azher Assistant Professor	**Qamar Hussain** Lecturer
Iqra Jabeen Assistant Professor	**Mubashir Altaf** Lecturer
Dr. Tazanfal Tehseem Assistant Professor	**Qasim Dad** Lecturer
Dr. Shahid Abbas Assistant Professor	**Naima Batool** Lecturer
Faheem Arshad Lecturer	**Shaista Hassan** Lecturer
Aisha Umer Lecturer	**Sana Nawaz** Lecturer
Ayesha Izhar Chaudhri Lecturer	**Naveed Yousaf** Lecturer
Dr. Barirah Nazir Lecturer	

BS English

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICom, DCom, ICS, A-Level, DAE). or equivalent
Duration: 4 Year
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Merit: Basic criteria + marks obtained in English Compulsory + marks obtained in English Literature (Elective) in intermediate + 20 marks for Hafiz-e-Quran (if applicable)

Code	Course Title	C/Hr.
Semester-1		
ENGL-5101	Study Skills	3(3-0)
ENGL-5102	Introduction to Linguistics	3(3-0)
ENGL-5103	History of English Literature	3(3-0)
ENGL-5104	Advanced Reading Skills	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
SOCI5-5101	General Sociology-I	3(3-0)
	Total 17(17-0)	
Semester-2		
ENGL-5105	Communication Skills	3(3-0)
ENGL-5106	Introduction to Short Stories	3(3-0)
ENGL-5107	Sociolinguistics	3(3-0)
PSYC-5101	Introduction to Psychology	3(3-0)
ICTC-5201	Intro. To Information and Communication Tech.	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
	Total 17(17-0)	
Semester-3		
ENGL-5108	Fiction-I	3(3-0)
ENGL-5109	Phonetics & Phonology	3(3-0)
ENGL-5110	Intercultural Communication	3(3-0)
ENGL-5111	Prose-I	3(3-0)
ENGL-5112	Philosophy	3(3-0)
URCS-5108	Statistics	3(3-0)
	Total 18(18-0)	
Semester-4		
ENGL-5113	Introduction to World Englishes	3(3-0)
ENGL-5114	Greek & Classical Drama-I	3(3-0)
ENGL-5115	Classical Poetry-I	3(3-0)
ENGL-5116	Fiction-II	3(3-0)
ENGL-5117	Semantics & Pragmatics	3(3-0)
ENGL-5118	Morphology & Syntax	3(3-0)
	Total 18(18-0)	
Semester-5		
ENGL-6119	Shakespeare	3(3-0)
ENGL-6120	Literature Criticism-I	3(3-0)
ENGL-6121	Fiction-III	3(3-0)
ENGL-6122	Classical Poetry-II	3(3-0)
ENGL-6123	Applied Linguistics	3(3-0)
ENGL-6124	Stylistics-I	3(3-0)
	Total 18(18-0)	
Semester-6		
ENGL-6125	Literature Criticism-II	3(3-0)
ENGL-6126	Drama-II	3(3-0)
ENGL-6127	Prose-II	3(3-0)
ENGL-6128	Romantic Poetry	3(3-0)
ENGL-6129	Stylistics-II	3(3-0)
ENGL-6130	Research Methodology	3(3-0)
	Total 18(18-0)	

Semester-7

ENGL-6131	Criticism-III	3(3-0)
ENGL-6132	Drama-IV	3(3-0)
ENGL-6133	American Novel & Poetry	3(3-0)
ENGL-6134	Prose-III	3(3-0)
ENGL-6135	ESP	3(3-0)
ENGL-6136	20th Century Poetry	3(3-0)
	Total 18(18-0)	

Semester-8

ENGL-6137	Post Colonial Novel	3(3-0)
ENGL-6138	History of Western Civilization/Dissertation	3(3-0)
ENGL-6139	American Drama	3(3-0)
ENGL-6140	World Literature in Translation/Dissertation	3(3-0)
ENGL-6141	Psycholinguistics	3(3-0)
ENGL-6142	Discourse Analysis	3(3-0)
	Total 18(18-0)	

MPhil English

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 in Semester-1		
ENGL-7101	General Linguistics	3(3-0)
ENGL-7102	Modern Critical Theories	3(3-0)
Optional Courses in Semester-1		
ENGL-7103	Research Methodology	3(3-0)
ENGL-7104	20th Century British Literature	3(3-0)
ENGL-7105	Romantic Literature	3(3-0)
ENGL-7106	Sociolinguistics	3(3-0)
Core Courses in Semester-2		
ENGL-7107	Applied Linguistics	3(3-0)
ENGL-7108	Modern Literature	3(3-0)
Optional Courses in Semester-2		
ENGL-7109	American Literature	3(3-0)
ENGL-7110	Postcolonial Literature	3(3-0)
ENGL-7111	Systemic Functional Grammar	3(3-0)
ENGL-7112	Text and Discourse Analysis	3(3-0)
Semester-3 and 4		
ENGL-7113	Dissertation	6(0-6)

PhD English

Eligibility: MPhil/MS English in the relevant field from HEC recognized institution with at least CGPA 3.00 out of 4.00. + Departmental test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester 1		
ENGL-8101	General Linguistics	3(3-0)
ENGL-8102	Phonetics and English Phonology	3(3-0)
ENGL-8103	Applied Linguistics I	3(3-0)
ENGL-8104	Psycholinguistics	3(3-0)
ENGL-8105	Sociolinguistics	3(3-0)
	Total 9(9-0)	
Semester 2		
ENGL-8106	Applied Linguistics II	3(3-0)
ENGL-8107	Descriptive Syntax	3(3-0)
ENGL-8108	Morphology and English Syntax	3(3-0)
ENGL-8109	Stylistics, Discourse and Pragmatics	3(3-0)
ENGL-8110	Research Methods and Statistics:	3(3-0)
	Quantitative & Qualitative	**Total 9(9-0)**
Semester 3-4		
ENGL-8111	Dissertation	

DEPARTMENT OF
INFORMATION
MANAGEMENT

Dr. Shamshad Ahmed
Associate Professor / Chairperson

Contact

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FACULTY

Dr. Ghulam Murtaza Rafique
Assistant Professor

Dr. Muhammad Asif Naveed
Assistant Professor

Dr. Noor Mustafa Khan
Assistant Professor

Muhammad Asif Ali
Lecturer

Asim Mehmood Khan
Lecturer

Dr. Waqar Ahmad Awan
Lecturer

BS Information Management

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICom, DCom, ICS, A-Level, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	English-I: Grammar	3(3-0)
URCEP-5106	Pakistan Studies	2(2-0)
ICTC-5201	Introduction to Computer	3(3-0)
INFM-5101	Foundation of Information Based Organizations (Foundation-1)	3(3-0)
	General-I (To be selected from the list of general courses)	3(3-0)
	General-II (To be selected from the list of general courses)	3(3-0)
	Total 17(17-0)	
Semester-2		
URCE 5102	English-II: Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies / Ethics	2(2-0)
URCM-5107	Mathematics	3(3-0)
INFM-5102	Human Information Behaviour (Foundation-II)	3(3-0)
	General-IV (To be selected from the list of general courses)	3(3-0)
	General-III (To be selected from the list of general courses)	3(3-0)
	Total 17(17-0)	
Semester-3		
URCE-5103	English-III: Academic Writing	3(3-0)
STAT-5101	Introduction to Statistics	3(3-0)
INFM-5103	Management of Libraries and Information	3(3-0)

Code	Course Title	C/Hr.
	Centers (Foundation-III)	
	General-V (To be selected from the list of general courses)	3(3-0)
	General-VI (To be selected from the list of general courses)	3(3-0)
	Total 15(15-0)	
Semester-4		
URCE -5104	English-IV: Introduction to English Literature	3(3-0)
	General-VII (To be selected from the list of general courses)	3(3-0)
INFM-5104	Organization of Information (Foundation-IV)	3(3-0)
INFM-5105	Online Information Retrieval (Foundation-V)	4(3-1)
INFM-5106	Information Services and Sources (Foundation-VI)	3(3-0)
	Total 16(15-1)	
Semester-5		
INFM-6107	Managing Collections and Online Access (Foundation-VII)	3(3-0)
INFM-6108	Research Methods for Information Professional (Foundation-VIII)	3(3-0)
INFM-6109	Applied Classification (Major-I)	4(1-3)
INFM-6110	Archives and Records Management (Major-II)	3(3-0)
INFM-6111	Marketing of Library and Information Services (Major-III)	3(3-0)
	Total 16(13-3)	
Semester-6		
INFM-6112	Quantitative Research Methods (Foundation-IX)	3(3-0)
INFM-6113	Library Automation Systems (Foundation-X)	4(3-1)
INFM-6114	Applied Cataloging (Major-IV)	4(3-1)
INFM-6115	Information Literacy Instruction (Major-V)	3(3-0)
INFM-6116	Application of Information Systems (Major-VI)	3(3-0)
	Total 17(15-2)	

Semester-7

INFM-6117	Indexing and Abstracting (Major-VII)	4(3-1)
INFM-6118	Library & Information Services in Pakistan (Major-VIII)	3(3-0)
INFM-6119	Qualitative Research Methods (Major-IX)	3(3-0)
	Elective-I (To be selected from the list of elective courses)	3(3-0)
	Elective-II (To be selected from the list of elective courses)	3(3-0)
	Total 16(15-1)	

Semester-8

INFM-6120	Digital Libraries (Major-X)	4(3-1)
INFM-6121	Advance Management & Leadership Skills (Major-XI)	3(3-0)
INFM-6122	Knowledge Management (Major-XII)	3(3-0)
	Elective-III (To be selected from the list of elective courses)	3(3-0)
	Elective-IV (To be selected from the list of elective courses)	3(3-0)
INFM-6142	Internship (6 credits, in the lieu of two elective courses of semester-7/8)	6(0-6)
	Total 16(15-1)/16(9-7)	

List of General Courses

1. Education
2. Psychology
3. Sociology
4. Logic & Critical Thinking
5. Personality Development
6. Cultural and Heritage Studies
7. Law
8. Literature Studies
9. Economics
10. Art Appreciation
11. Geography
12. Archeology
13. Communication Studies
14. Professional Ethics
15. Gender Studies
16. Entrepreneurship
17. Project Management
18. Database Management
19. Web Development
20. Human Resource Management
21. Languages (other than Urdu and English):
22. Introduction to Arabic
23. Introduction to French
24. Introduction to Spanish
25. Introduction to Chinese
26. Introduction to German
27. Introduction to Italian
28. Introduction to Turkish
29. Introduction to Persian

List of Elective / Optional Courses

INFM-6123	Electronic Resources Management (Prerequisite= INFM-6111)
INFM-6124	Adv. Cataloguing & Classification (Prerequisite= INFM-6103 & INFM-6108)
INFM-6125	Scientific and Technical Information Sources
INFM-6126	Humanities and Social Sciences Information Sources
INFM-6127	Personal Information and Knowledge Management
INFM-6128	Semantic Web and Linked Data Technologies

List of Elective / Optional Courses

INFM-6129	School Library Media Center
INFM-6130	Media Information Management
INFM-6131	Research Data Management
INFM-6132	Information Usability Analysis and Assessment
INFM-6133	Scientometrics
INFM-6134	Information Visualization
INFM-6135	Informatics
INFM-6136	Data Science
INFM-6137	Information Ethics and Policy
INFM-6141	Project/Thesis (6 credits, in the lieu of two elective courses of semester-7/8)
INFM-6142	Internship (6 credits, in the lieu of two elective courses of semester-7/8)
INFM-5160	Information Literacy (to be offered for the students of other departments)

MPhil Information Management

Eligibility: At least 2.0/4.0 CGPA or 2nd division in MLIS 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		
INFM-7101	Theoretical Foundations of Library Science	3(3-0)
INFM-7102	Theoretical Foundations of Information Science	3(3-0)
INFM-7103	Development of Library & Info. Science in Pakistan	3(3-0)
INFM-7104	Quantitative Research Methods	3(3-0)
	Total 12(12-0)	
Semester-2		
INFM-7105	Qualitative Research Methods	3(3-0)
INFM-7106	Seminar in Library & Information Science	3(3-0)
Optional courses (02 out of following courses)		
INFM-7107	Computer Applications in Library & Info. Science	3(3-0)
INFM-7108	Marketing of Library & Information Services	3(3-0)
INFM-7109	Indexing and Abstracting	3(3-0)
INFM-7110	Online Information Retrieval	3(3-0)
INFM-7111	Knowledge Management	3(3-0)
	Total 12(12-0)	

Semester-3 & 4

| INFM-7112 | Research Project / Thesis | 6(0-6) |
| | **Total 6(0-6)** | |

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 + departmental test (at least 70% 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	Advance Research Methodology in LIS	3(3-0)
INFM-8102	Planning and Management of Library/Information Center	3(3-0)
INFM-8103	Online Information Retrieval (or any other optional course)	3(3-0)
	Total 9(9-0)	
Semester-2		
(Optional Courses of 09 credit hours)		
INFM-8104	Digital Libraries	3(3-0)
INFM-8105	Global Perspectives in Library and Information Science	3(3-0)
INFM-8106	Human Resource Management in Libraries and Information Centers	3(3-0)
INFM-8107	Information Seeking Behavior	3(3-0)
INFM-8108	Information Literacy Instruction	3(3-0)
INFM-8109	Leadership in Theory and Practice	3(3-0)
INFM-8110	Communication Skills for Information Professionals	3(3-0)
INFM-8111	Computer Applications in Research	3(3-0)
INFM-8112	Organization of Information	3(3-0)
INFM-8113	Seminar in Advance Research in Library and Information Science	3(3-0)
INFM-8114	Information Policy	3(3-0)
	Total 9(9-0)	
Semester-3-10		
INFM-8115	Dissertation / Research Project / Thesis	

DEPARTMENT OF
ISLAMIC STUDIES

FACULTY

Dr. Farhat Naseem Alvi
Assistant Professor

Dr. M. Shahbaz Manj
Assistant Professor

Samia Athar
Lecturer

Dr Muhammad Feroz-ud-Din Shah
Assistant Professor / Incharge

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BS Islamic Studies

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICS, ICom, BCom, A-Level, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
ISLS-5109	Tajweed o Qira'at -1	NC
URCE-5101	English-I (Grammar)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
URCM -5107	Mathematics	3(3-0)
LISC-5160	Library Science	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(17-0)	
Semester-2		
ISLS-5110	Tajweed o Qira'at -2	N/C
URCE-5102	English-II (Language Compr. & Presentation Skills)	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
ISLS-5108	Ethics (Optional)	2(2-0)
ISLS- 5113	Arabic Through Qur'anic Text	3(3-0)
ECON-5112	Economics	3(3-0)
INTR -5102	Theories of International Relations	3(3-0)
ISLS -5114	Islamic Morals	3(3-0)
	Total 19(19-0)	
Semester-3		
URCE-5103	English-III (Academic Writing)	3(3-0)

Code	Course Title	C/Hr.
ISLS- 5115	Ulum-al-Qur'an	3(3-0)
SOCI -5101	Sociology	3(3-0)
MCOM-5101	Mass Communication	3(3-0)
ISLS -5116	Cultural History of Islam	3(3-0)
	Total 15(15-0)	
Semester-4		
URCE-5104	English-IV (Introduction to English Literature)	3(3-0)
URCI-5109	Introduction to Information & Communication Tech.	3(3-0)
ISLS- 5117	History& Compilation of Hadith	3(3-0)
PSYC 5106	Social Psychology	3(3-0)
ISLS -5118	Study of Islamic Fiqh-I	3(3-0)
	Total 15(15-0)	
Semester-5		
ISLS-6209	Study of Sirah of Holy Prophet(PBUH)	3(3-0)
ISLS-6210	History of Tafsirand its Principles	3(3-0)
ISLS-6211	Textua l Study of al-Qur'an-I	3(3-0)
ISLS-6212	Textual StudyofHadith-I	3(3-0)
ISLS-6213	Usul al- Fiqh	3(3-0)
	Total 15(15-0)	
Semester-6		
ISLS-6214	'Ulum-al-Hadith	3(3-0)
ISLS-6215	Textual Study of Muslim Family Laws	3(3-0)
ISLS-6216	Textual Study of al-Qur'anII	3(3-0)
ISLS-6217	Ethics of Disagreement in Islam	3(3-0)
ISLS-6218	Comparative Study of World Religions	3(3-0)
ISLS-6219	Textual Study of Fiqh al Akbar	2(2-0)
	Total 17(17-0)	

Semester-7

Code	Course Title	C/Hr.
ISLS- 6220	Al- Dawah wal Irshad	3(3-0)
ISLS- 6221	Islam & Science	3(3-0)
ISLS- 6222	Methodology of Research in Islamic Studies	3(3-0)
ISLS -6223	Introduction to Shroo Kutb Hadith	3(3-0)
ISLS -6224	Arabic Literature	3(3-0)
ISLS- 6225	Study of Islamic Fiqh I (فقه المالیات)	3(3-0)
	Total 18(18-0)	

Semester-8

Code	Course Title	C/Hr.
ISLS- 6226	Study of Islamic Fiqh II (فقه الجنایات)	3(3-0)
ISLS -6227	Objectives of Shari'ah	3(3-0)
ISLS- 6228	Philosophy and 'Ilm al-Kalam	3(3-0)
ISLS- 6229	Golden Age of Muslims (Uni Optional 1)	3(3-0)
ISLS -6230	Study of Tasawwuf (Uni Optional 2)	3(3-0)
URCC-5110	Citizenship Education and Community Engagement	0(0-0)
ISLS-6231	Thesis/Research Project	6(0-6)
	Total 15(15-0)	

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 (Matan)	3(3-0)
ISLS-7106	Study of Hadith (Mutala' Hadith)	3(3-0)
ISLS-7107	Islam and Orientalists	3(3-0)

Code	Course Title	C/Hr.
ISLS-7108	Study of Seerat	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 + Department Test (at least 70% 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 & 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-8104	Comparative Study of Religions	3(3-0)
ISLS-8105	Contemporary Study of Religions	3(3-0)
ISLS-8106	Pioneers of Contemporary Islamic Resurgence	3(3-0)

DEPARTMENT OF
ARABIC LANGUAGE AND LITERATURE
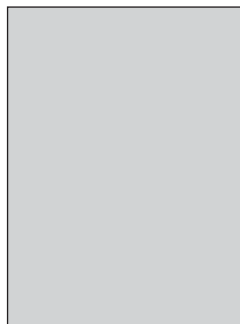
Contact

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FACULTY

Dr. Mahmood Ahmad
Assistant Professor

Dr. Muhammad Nasir Mustafa
Lecturer

Dr. Abdul Saboor
Lecturer

BS Arabic

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICS, ICom, BCom, A-Level, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	English-I (Grammar)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
URCM -5107	Mathematics	3(3-0)
INFM-5101	An Introduction to Library Science	3(3-0)
ARAB-5101	Applied Grammar-I	3(3-0)
ARAB-5102	Functional Arabic-I	3(3-0)
	Total 17(17-0)	
Semester-2		
URCE-5102	English-II (Language Compr. & Presentation Skills)	3(3-0)
URCI-5105	Islamic Studies / Ethics	2(2-0)
ECON-5112	Economics	3(3-0)
INTR-5102	Theories of International Relations	3(3-0)
ARAB-5103	Applied Grammar-II	3(3-0)
ARAB-5104	Functional Arabic-II	3(3-0)
	Total 17(17-0)	
Semester-3		
URCE-5103	English-III (Academic Writing)	3(3-0)
SOCI-5101	Sociology	3(3-0)
MCOM-5101	Mass Communication	3(3-0)
ARAB-5105	Applied Grammar-III	3(3-0)
ARAB-5106	Functional Arabic-III	3(3-0)
	Total 15(15-0)	

Code	Course Title	C/Hr.
Semester-4		
URCE-5103	English-IV (Introduction to English Literature)	3(3-0)
SOCI-5101	Introduction to Infi. & Comm. Technologies	3(3-0)
MCOM-5101	Social Psychology	3(3-0)
ARAB-5105	Arabic Composition-I	3(3-0)
ARAB-5106	Study of the Islamic World & Its Culture-I	3(3-0)
	Total 15(15-0)	
Semester-5		
ARAB-6109	Translation-I (Arabic to English)	3(3-0)
ARAB-6110	Study of the Islamic World & Its Culture-II	3(3-0)
ARAB-6111	History of Arabic Literature-I	3(3-0)
ARAB-6112	Arabic Composition-II	3(3-0)
ARAB-6113	Arabic Poetry-I (Classical)	3(3-0)
ARAB-6114	Classical Prose	3(3-0)
	Total 18(18-0)	
Semester-6		
ARAB-6115	Translation-II (Arabic to English)	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)
ARAB-6119	Linguistics	3(3-0)
ARAB-6120	Islamic History	3(3-0)
	Total 18(18-0)	
Semester-7		
ARAB-6121	Religious Literature-I	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-6124	Research & Editing Methodology	3(3-0)
ARAB-6125	Computer & Arabic Language	3(3-0)

Code	Course Title	C/Hr.
ARAB-6126	Comparative Literature	3(3-0)
	Total 15(15-0)	
Semester-8		
ARAB-6127	Religious Literature-II	3(3-0)
ARAB-6128	Rhetoric & Prosody	3(3-0)
ARAB-6129	Literary Criticism	3(3-0)
ARAB-6130	Study of Arabic Literature in Spain (Andlus)	3(3-0)
ARAB-6131	Arabic Electronic & Print Media	3(3-0)
ARAB-6132	Islamic Literature / Thesis	3(3-0)
	Total 18(18-0)	

MPhil Arabic

Eligibility: MA/MSc/BS(4-year) or equivalent (16-years of education) in the relevant field or equivalent degree with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 24 C/Hr. Course Work + 6 C/Hr. Thesis

Code	Course Title	C/Hr.
Semester-1		
ARAB-7101	Research Methodology	3(3-0)
ARAB-7102	Arabic Language and Literature	3(3-0)
ARAB-7103	Islamic Sources & References	3(3-0)
ARAB-7104	Foreign Language (English)	3(3-0)
	Total 12(12-0)	
Semester-2		
ARAB-7105	Methods of Editing Manuscript	3(3-0)
ARAB-7106	Arabic Sources and References	3(3-0)
ARAB-7107	Language of Thesis Writing	3(3-0)
ARAB-7108	Comparative Literature (Persian, Urdu, Arabic)	3(3-0)
	Total 12(12-0)	
Semester-3 to 4		
ARAB-7109	Thesis	6(0-6)

PhD Arabic

Eligibility: MPhil/MSc(Hons)/MS (18 years of Education) or equivalent degree with at least 1st Division or CGPA 3.0 out 4.0 + Department Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation

Code	Course Title	C/Hr.
Semester-1		
ARAB-8101	Research Methodology	3(3-0)
ARAB-8102	Study of Sources and References	3(3-0)
ARAB-8103	Study of Islamic Arabic World	3(3-0)
Semester-2		
ARAB-8104	Language of Thesis Writing	3(3-0)
ARAB-8105	Arabic Media	3(3-0)
ARAB-8106	Foreign Languages (English)	3(3-0)
	Total 18(18-0)	

Note: Minimum duration of the PhD program is 3 years

DEPARTMENT OF
SPORTS SCIENCES

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FACULTY

Qasid Naveed
Lecturer (on study leave)

Bilal Ahmad Qureshi
Lecture

Faryal Gul
Lecturer

Saba Arshad
Lecturer

Rashid Naeem Khan
Lecturer

Reema Aman
Lecturer

BS Physical Education

Eligibility: At least 45% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Merit: Basic criteria + 10 marks for studying Physical Education in Intermediate + 10 marks for studying FSc + Qualify Physical Efficiency Test + 20 marks of Hafiz-e-Quran (if applicable)

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
PEDU-5101	Philosophical Basis of Phys. Edu. (Foundation 1)	3(3-0)
PEDU-5102	Basics of Human Biology (General 1)	3(3-0)
PEDU-5103	Practical Games (Handball & Volley Ball)	2(0-2)
PEDU-5104	Practical Athletics (Jumps)	2(0-2)
PEDU-5105	Practical Gymnastic (Floor & Apparatus work)	2(0-2)
	Total 17(11-6)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies / Ethics (Compulsory 4)	2(2-0)
PEDU-5106	Theory of Games (Foundation 2)	3(3-0)
URCM-5107	Mathematics I (Compulsory 5)	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	0(0-0)
PEDU-5107	Practical Games (Foot Ball & Basket Ball)	2(0-2)
PEDU-5108	Practical Athletics (Sprint Races)	2(0-2)
	Total 15(11-4)	
Semester-3		
URCE-5103	Academic Writing	3(3-0)
URCI-5109	Introduction to Information & Communication Tech.	3(3-0)
PEDU-5109	Science of Track & Field (Foundation 3)	3(3-0)
PHYS-5161	Physics (General 3)	3(3-0)
PEDU-5110	Practical Athletics (Throwing Events)	2(0-2)
PEDU-5111	Practical Games (Table Tennis & Badminton)	2(0-2)
	Total 16(12-4)	
Semester-4		
URCE-5104	Introduction to English Literature	3(3-0)
PEDU-5112	Sports Sociology (General 4)	3(3-0)
PEDU-5113	Basic Human Anatomy (General 5)	3(3-0)
BIOT-5102	Bio Chemistry	3(3-0)
PEDU-5114	Practical Athletics (Middle & Long Distance Races)	2(0-2)
PEDU-5115	Practical Games (Cricket & Hockey)	2(0-2)
PEDU-5116	Small Area Games (Practical)	2(0-2)
	Total 18(12-6)	
Semester-5		
PEDU-6117	Exercise Physiology (Foundation 4)	3(3-0)
PEDU-6118	Physical Edu. for Special population (Elective-1)	3(3-0)
PEDU-6119	Sports Nutrition (Major 1)	3(3-0)
PEDU-6120	Introduction to Statistics (General 6)	3(3-0)
PEDU-6121	Science of Sports Training (Major 2)	3(3-0)
	Total 15(15-0)	
Semester-6		
PEDU-6122	Research Methodology in Physical Edu. (Major 3)	3(3-0)
PEDU-6123	Planning & Management of Sports Facilities (Foundation 5)	3(3-0)
PEDU-6124	Test, Measurement & Evaluation in Sports (Major 4)	3(3-0)
PEDU-6125	Sports Psychology (Major 5)	3(3-0)
PEDU-6126	Swimming (Practical)	2(0-2)

PEDU-6127	Scouting/ Girl Guiding	2(0-2)
	Total 16(12-4)	

Semester-7

PEDU-6128	Sports Injuries & Rehabilitation (Major 6)	3(3-0)
PEDU-6129	Role of Media in Sports (Elective 2)	3(3-0)
PEDU-6130	Scientific Methodology Sports Coaching (Foundation 6)	3(3-0)
PEDU-6131	Sports Biomechanics (Foundation 7)	3(3-0)
PEDU-6132	Research Project/ Thesis I (Major 7)	3(3-0)
	Total 15(15-0)	

Semester-8

PEDU-6133	Sports Medicine (Major 8)	3(3-0)
PEDU-6134	Curriculum Development in Physical Education (Major 9)	3(3-0)
PEDU-6135	Sports Management (Major 10)	3(3-0)
PEDU-6136	Research Project/ Thesis II(Major 11)	3(3-0)
PEDU-6137	Hiking & Hill Tracking	2(0-2)
	Total 14(12-2)	

A university is dreamland of a student's academic career. It is a fascinating panorama of enjoyment, freedom and friendship. Sweet memories and pleasures of university life are simply amazing. The first and the last day, group Of friends, unexpected holidays, functions and Curricular and extra-Curricular activities and adventures at hostels make university life the most memorable and unforgettable part of life.Our UOS life comes to an end we will never forget this memorable time and we wish a very beautiful life ahead for young blood.

Shakeel Akbar
MSc Sports Sciences

DEPARTMENT OF
URDU LANGUAGE AND LITERATURE

FACULTY

Dr. Ghulam Abbas
Professor

Dr. Shahid Nawaz
Assistant Professor

Tariq Habib
Assistant Professor

Dr. Muhammad Yaar Gondal
Assistant Professor

Dr. Sajid Javed
Assistant Professor

Dr. Shoaiba Mueed
Assistant Professor

Dr. Abida Naseem
Lecturer

Muhammad Imran
Lecturer

Kashif-ur-Rehman
Lecturer

Dr Khalid Nadeem
Associate Professor / Chairperson

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BS Urdu

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICom, DCom, ICS, A-Level, DAE) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	English I (Grammar)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
URCM-5101	Introduction to Mathematics	3(3-0)
PSYC-5101	Introduction to Psychology	3(3-0)
URDU-5102	Persian	3(3-0)
SOCI-5101	General Sociology	3(3-0)
URDU-5104	Poetic Genres	3(3-0)
	Total 17(17-0)	

Students have to choose two courses out of PSYC-5101, URDU-5102 and SOCI-5101.

Code	Course Title	C/Hr.
Semester-2		
URCE-5102	English II (Language Comprehension and Presentation Skills)	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
STAT-5121	Introduction to Statistics	3(3-0)
URDU-5105	Philosophy	3(3-0)
URDU-5106	Education	3(2-1)
URDU-5107	Iqbal Studies (Persian)	3(3-0)
URDU-5108	Prose Genres (Foundation)	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(1-2)
	Total 17(17-0)	

Students have to choose two courses out of URDU-5105, URDU-5106 and URDU-5107

Code	Course Title	C/Hr.
Semester-3		
URCE-5103	English III (Academic Writing)	3(3-0)
URCI-5109	Introduction to Information and Communication Technologies	3(3-0)
URDU-5109	History of Modern South Asia	3(3-0)
URDU-5110	Political History of Pakistan	3(3-0)
SOCI-6113	Cultural Anthropology	3(3-0)
URDU-5112	Pakistani Languages: Punjabi	3(3-0)
URDU-5113	Literary and Linguistic Terms	3(3-0)
	Total 18(18-0)	

Students have to choose three courses out of URDU-5109, URDU-5110, SOCI-6113 and URDU-5112

Code	Course Title	C/Hr.
Semester-4		
URCE-5104	English IV (Introduction to English Literature)	3(3-0)
URDU-5114	Natural Science	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
URDU-5116	Ecology	3(3-0)
ECON-5112	Introduction to Economics	3(3-0)
URDU-5118	History of Muslim Culture and Civilization	3(3-0)
URDU-5119	Literature of Pakistani Languages	3(3-0)
	Total 18(18-0)	

Students have to choose two courses out of URDU-5114, GEOG-5101, URDU-5116 and ECON-5112

Code	Course Title	C/Hr.
Semester-5		
URDU-6120	Urdu Dastan and Drama	3(3-0)
URDU-6121	Classical Urdu Ghazal	3(3-0)
URDU-6122	History of Urdu Literature (I)	3(3-0)
URDU-6123	Literary Criticism (I)	3(3-0)
URDU-6124	Styles of Urdu Prose	3(3-0)

URDU-6125	Urdu Grammar	3(3-0)
URDU-6126	World Literature	3(3-0)
URDU-6127	Translation: Art & Tradition	3(3-0)
	Total 18(18-0)	

Students have to choose one courses out of URDU-6125, URDU-6126 and URDU-6127

Semester-6

URDU-6128	Urdu Novel	3(3-0)
URDU-6129	Classical Forms of Poem	3(3-0)
URDU-6130	History of Urdu Literature (II)	3(3-0)
URDU-6131	Literary Criticism (II)	3(3-0)
URDU-6132	Urdu Linguistics	3(3-0)
URDU-6133	Post Colonial Study of Urdu Literature	3(3-0)
URDU-6134	Impact of 20th Century Knowledge on	3(3-0)
	Urdu Literature, (Optional) **Total 18(18-0)**	

Students have to choose one courses out of URDU-6133 and URDU-6134

Semester-7

URDU-6135	Urdu Short Story	3(3-0)
URDU-6136	Modern Urdu Ghazal	3(3-0)
URDU-6137	History of Urdu Literature (III)	3(3-0)
URDU-6138	Communication Skills	3(3-0)
URDU-6139	Urdu Journalism, Magazines and Periodicals	3(3-0)
URDU-6140	Principles of Research & Editing	3(3-0)
URDU-6141	Lexicon & Urdu Lexicography	3(3-0)
URDU-6142	The Feminist study of Urdu Literature	3(3-0)
	Total 18(18-0)	

Students have to choose one courses out of URDU-6140, URDU-6141 and URDU-6142

Semester-8

URDU-6143	Iqbal Studies (Urdu)	3(3-0)
URDU-6144	Non Fictional Prose	3(3-0)
URDU-6145	Modern Urdu Poem	3(3-0)
URDU-6146	Applied Criticism (III)	3(3-0)
URDU-6147	Creative Prose and Applied Journalism	3(3-0)
URDU-6148	Thesis / Project	3(3-0)
URDU-6149	Literary Socialism	3(3-0)
	Total 18(18-0)	

Students have to choose one courses out of URDU-6148 and URDU-6149

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: At least first Division or CGPA 3.0 out of 4.0 in MPhil/MS Urdu + Departmental Test
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)	3(3-0)
	Total 9(9-0)	

Semester 3-6

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

DEPARTMENT OF
PERSIAN LANGUAGE AND LITERATURE

Contact

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⊙ Al-Biruni Block

FACULTY

Dr. Hafiz Mansoor Ahmad
Assistant Professor

Dr. Syeda Chand Bibi
Lecturer

Muhammad Nouman Zahid
Lecturer (on study leave)

BS Persian

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICom, DCom, ICS, A-Level, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester 1		
URCE-5101	English-I (Grammar)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
URCM-5101	Introduction to Mathematics	3(3-0)
PERS-5101	Persian Grammar & Spoken Persian-I	3(3-0)
PSYC-5101	Introduction to Psychology	3(3-0)
ECON-5112	Introduction to Economics	3(3-0)
SOCI-5101	General Sociology	3(3-0)
	Total 17(17-0)	

Students have to opt two courses out of PSYC-5101, ECON-5112 and SOCI-5101

Code	Course Title	C/Hr.
Semester 2		
URCE-5102	English-II (Language Compr. & Presentation Skills)	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
STAT-5121	Introduction to Statistics	3(3-0)
PERS-5102	Introduction to the Territories of Persian Language-I	3(3-0)
PERS-5103	Philosophy	3(3-0)
EDUC-5101	Introduction to Education	3(3-0)
PERS-5104	History of Muslim Culture and Civilization	3(3-0)
URCC-5110	Citizenship Education and Community Engagement	3(1-2)
	Total 17(17-0)	

Students have to opt two courses out of PERS-5103, EDUC-5101 and PERS-5104
URCC-5110 is a non-credit course

Code	Course Title	C/Hr.
Semester 3		
URCE-5103	English-III (Academic Writing)	3(3-0)
URCI-5109	Introduction to Info. & Communication Technologies	3(3-0)
PERS-5105	Rhetoric & Prosody	3(3-0)
PERS-5106	History of Modern South Asia	3(3-0)
PERS-5107	Political History of Pakistan	3(3-0)
SOCI-6113	Cultural Anthropology	3(3-0)
PERS-5108	Pakistani Languages: Punjabi	3(3-0)
	Total 18(18-0)	

Students have to opt three courses out of PERS-5106, PERS-5107, SOCI-6113 and PERS-5108

Code	Course Title	C/Hr.
Semester 4		
URCE-5104	Introduction to English Literature	3(3-0)
PERS-5109	Introduction to the Territories of Persian language-II	3(3-0)
PERS-5110	Persian Prose & Poetic Genres	3(3-0)
PERS-5111	Natural Science	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
PERS-5112	Ecology	3(3-0)
PERS-5113	The Introduction to Basic Arabic Grammar	3(3-0)
	Total 18(18-0)	

Students have to opt three courses out of PERS-5111, GEOG-5101, PERS-5112 and PERS-5113

Code	Course Title	C/Hr.
Semester 5		
PERS-6120	Persian Grammar & Spoken Persian-II	3(3-0)
PERS-6121	History of Persian Literature in Iran-I	3(3-0)
PERS-6122	Classical Persian Prose in Iran-I	3(3-0)
PERS-6123	Classical Persian Poetry in Iran-I	3(3-0)
PERS-6124	Persian Literary Criticism-I	3(3-0)
PERS-6125	Persian Literary Sources-I	3(3-0)
	Total 18(18-0)	

Semester 6

PERS-6126	Persian Grammar & Spoken Persian-III	3(3-0)
PERS-6127	History of Persian Literature in Iran-II	3(3-0)
PERS-6128	Classical Persian Prose in Iran-II	3(3-0)
PERS-6129	Classical Persian Poetry in Iran-II	3(3-0)
PERS-6130	Persian Literary Criticism-II	3(3-0)
PERS-6131	History of Persian Literature in Sub-Continent	3(3-0)
	Total 18(18-0)	

Semester 7

PERS-6132	Persian Grammar & Spoken Persian-IV	3(3-0)
PERS-6133	Classical Persian Prose in Sub-Continent	3(3-0)
PERS-6134	Classical Persian Poetry in Sub-Continent	3(3-0)
PERS-6135	History of Persian Literature in Iran-III	3(3-0)
PERS-6136	Iqbal Studies	3(3-0)
PERS-6137	Persian Manuscript Studies	3(3-0)
PERS-6138	Mysticism & Mystical Literature	3(3-0)
PERS-6139	Comparative Studies of Persian, Urdu and Punjabi	3(3-0)
	Total 18(18-0)	

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

Semester 8

PERS-6140	Creative Writing	3(3-0)
PERS-6141	Modern Persian Texts	3(3-0)
PERS-6142	Persian Research Methodology	3(3-0)
PERS-6143	Thesis / History of Persian Language	3(3-0)
PERS-6144	Persian Literary Sources-II	3(3-0)
PERS-6145	Persian Research Centers	3(3-0)
PERS-6146	Persian Folk Literature	3(3-0)
PERS-6147	Persian Calligraphy	3(3-0)
	Total 18(18-0)	

Students have to choose one course out of PERS-6145, PERS-6146 and PERS-6147

MPhil Persian

Eligibility: At least 2.00 CGPA out of 4.00 in MA Persian or BS Persian in semester system and 2nd dividion 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)	

DEPARTMENT OF
PUNJABI LANGUAGE, LITERATURE AND CULTURE

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FACULTY

Dr. Muhammad Munir
Associate Professor (Punjabi)

BS Punjabi

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICom, DCom, ICS, A-Level, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester 1		
URCE-5101	English I (Grammar)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
URCM-5101	Introduction to Mathematics	3(3-0)
PSYC-5101	Introduction to Psychology	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
SOCI-5101	General Sociology	3(3-0)
PUNJ-5101	Geners of Punjabi Literature	3(3-0)
	Total 17(17-0)	

Students have to opt one course out of PSYC-5101 and SOCI-5101

Code	Course Title	C/Hr.
Semester 2		
URCE-5102	English-II (Language Compr. & Presentation Skills)	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
STAT-5121	Introduction to Statistics	3(3-0)
URDU-5105	Philosophy	3(3-0)
URDU-5106	Education	3(2-1)
INTR-5101	Introduction to International Relations	3(3-0)
PUNJ-5102	History of Punjabi Prose	3(3-0)
URCC-5110	Citizenship Education and Community Engagement	3(1-2)
	Total 17(17-0)	

Students have to opt two courses out of STAT-5121, URDU-5106 and URDU-5106.

Code	Course Title	C/Hr.
Semester 3		
URCE-5103	English III (Academic Writing)	3(3-0)
URCI-5109	Intro. to Information & Communication Technologies	3(3-0)
URDU-5109	History of Modern South Asia	3(3-0)
URDU-5110	Political History of Pakistan	3(3-0)
SOCI-6113	Cultural Anthropology	3(3-0)
PUNJ-5103	Modern Punjabi Poetry	3(3-0)
	Total 17(17-0)	

Students have to opt two courses out of URCI-5109, URDU-5109 and SOCI-6113.

Code	Course Title	C/Hr.
Semester 4		
URCE-5104	English IV (Introduction to English Literature)	3(3-0)
URDU-5114	Natural Science	3(3-0)
URDU-5116	Ecology	3(3-0)
ECON-5112	Introduction to Economics	3(3-0)
URDU-5118	History of Muslim Culture and Civilization	3(3-0)
PUNJ-5104	Selected Punjabi Prose and Poetry	3(3-0)
	Total 15(15-0)	

Students have to opt two courses out of URDU-5114, URDU-5116 and ECON-5112.

Code	Course Title	C/Hr.
Semester 5		
PUNJ-6105	History of Poetic Literature	3(3-0)
PUNJ-6106	History of Punjabi Prose	3(3-0)
PUNJ-6107	Punjabi Ghazal	3(3-0)
PUNJ-6108	Punjabi Linguistics	3(3-0)
PUNJ-6109	Special Study of Heer Damodar	3(3-0)
PUNJ-6110	Patriotic Literature	3(3-0)
PUNJ-6111	Punjabi Journalism	3(3-0)
	Total 18(18-0)	

Students have to choose one course out of PUNJ-6110 and PUNJ-6111

Semester 6

PUNJ-6112	Punjabi Novel	3(3-0)
PUNJ-6113	Folk Literature	3(3-0)
PUNJ-6114	Classical Poetry	3(3-0)
PUNJ-6115	Punjabi Tales	3(3-0)
PUNJ-6116	Special Study of Heer Waris Shah	3(3-0)
PUNJ-6117	Lieterary Translations in Punjabi	3(3-0)
PUNJ-6118	Religious and Quranic Literature in Punjabi	3(3-0)
	Total 18(18-0)	

Students have to choose one course out of PUNJ-6117 and PUNJ-6118

Semester 7

PUNJ-6119	Theoretical Criticism	3(3-0)
PUNJ-6120	Principles of Research	3(3-0)
PUNJ-6121	Gurmukhi	3(3-0)
PUNJ-6122	Punjabi Short Story	3(3-0)
PUNJ-6123	Dialects of Punjabi	3(3-0)
PUNJ-6124	Literary Tradition of Eastern Punjab	3(3-0)
	Total 15(15-0)	

Students have to choose one course out of PUNJ-6124 and PUNJ-6124

Semester 8

PUNJ-6125	Punjabi Drama	3(3-0)
PUNJ-6126	Waran and Epics	3(3-0)
PUNJ-6127	Applied Criticism	3(3-0)
PUNJ-6128	Modern Poetry	3(3-0)
PUNJ-6129	Seerah and Naat Literature in Punjabi	3(3-0)
PUNJ-6130	History of the Punjab through Folk Literature	3(3-0)
PUNJ-6131	Thesis/Project (Optional)	3(3-0)
	Total 15(15-0)	

Students have to opt two courses out of PUNJ-6129, PUNJ-6130 and PUNJ-6131

FACULTY OF
ENGINEERING AND TECHNOLOGY

Phone: 048-9230811-15 Ext. 416
Email: dean.engineering@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 and extensive research emerging as a solution provider to industry.

List of Departments

- Mechanical Engineering
- Electrical Engineering
- Engineering Technology

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 qualified and experienced teaching staff and the requisite laboratories. 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 ENGINEERING

Engr. Dr. Muhammad Haris Aziz
Principal / Chairperson

Contact
✉ principal.cet@uos.edu.pk
☎ 048-9230811 - 15 Ext 330
⌖ M. Ali Jauhar Block

FACULTY

Engr. Dr. Mudaser Ullah
Assistant Professor

Engr. Dr. Muhammad Waqas
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. Ch. Abdullah
Lecturer

Engr. Ali Raza Mansha
Lab Engineer

Engr. Hasnain Hussain Shah
Lab Engineer

Engr. Aneela Naz Malik
Lab Engineer

Engr. Ausama Raees
Lab Engineer

Engr. Ahsan Humayun
Lab Engineer

BSc Mechanical Engineering

Eligibility: 60% marks in FSc (Pre-engineering) / A-Level / DAE in relevant area.

Merit Determination:
50% weightage to FSc marks or equivalent
17% weightage to Matriculation marks
33% weightage to UET Entry Test-2022
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
MATH-111	Mathematics-1	3(3-0)
Phy-112	Applied Physics	2(2-0)
CHEM-113	Applied Chemistry	2(2-0)
ENG-114	Functional English	2(2-0)
CE-115	Computer Systems and Programming	2(2-0)
CE-116	Computer Systems and Programming (Lab)	1(0-1)
ME-117	Engineering Drawing and Graphics	2(2-0)
ME-118	Engineering Drawing and Graphics (Lab)	1(0-1)
ME-119	Introduction to Engineering	1(1-0)
	Total 16(14-2)	
Semester-2		
EE-121	Electrical Engineering	2(2-0)
EE-122	Electrical Engineering (Lab)	1(0-1)
MATH-123	Mathematics-2	3(3-0)
ENG-124	Communication Skills	1(1-0)
ENG-125	Communication Skills (Lab)	1(0-1)
ME-126	Workshop Practice (Lab)	2(0-2)

Code	Course Title	C/Hr.
ME-127	Engineering Mechanics-I: Statics	3(3-0)
ME-128	Engineering Mechanics-I: Statics (Lab)	1(0-1)
ME-129	Engineering Materials	3(3-0)
	Total 17(12-5)	
Semester-3		
PK.ST-211	Pakistan Studies	2(2-0)
ME-212	Engineering Mechanics-II: Dynamics	3(3-0)
ME-213	Engineering Mechanics-II: Dynamics (Lab)	1(0-1)
ME-214	Mechanics of Materials-I	3(3-0)
ME-215	Thermodynamics-I	3(3-0)
EE-216	Electronics Engineering	2(2-0)
EE-217	Electronics Engineering (Lab)	1(0-1)
MATH-218	Mathematics-3	3(3-0)
	Total 18(16-2)	
Semester-4		
MATH-221	Mathematics-4	2(2-0)
MATH-222	Mathematics-4 (Lab)	1(0-1)
ME-223	Thermodynamics-II	3(3-0)
ME-224	Machine Design-I	3(3-0)
ME-225	Machine Design-I (Lab)	1(0-1)
ME-226	Mechanics of Materials-II	3(3-0)
ME-227	Mechanics of Materials-II (Lab)	1(0-1)
ME-228	Fluid Mechanics-I	3(3-0)
ME-229	Thermodynamics Lab	1(0-1)
	Total 18(14-4)	
Semester-5		
ME-311	Fluid Mechanics-II	3(3-0)
ENG-312	Technical Report Writing & Presentation Skills	1(1-0)
ENG-313	Technical Report Writing & Pres. Skills (Lab)	1(0-1)
ME-314	Machine Design-II	2(2-0)

Semester-5

Code	Course Title	C/Hr.
ME-315	Machine Design-II (Lab)	1(0-1)
ISL-316	Islamic Studies	2(2-0)
ME-317	Heat & Mass Transfer	3(3-0)
ME-318	Manufacturing Processes	3(3-0)
ME-319	Manufacturing Processes (Lab)	1(0-1)
ME-320	Fluid Mechanics Lab	1(0-1)
	Total 18(14-4)	

Semester-6

Code	Course Title	C/Hr.
STAT-321	Engineering Statistics	3(3-0)
ECOM-322	Engineering Economics	2(2-0)
ME-323	Instrumentation and Measurement	2(2-0)
ME-324	Instrumentation and Measurement (Lab)	1(0-1)
ME-325	Mechanics of Machine	3(3-0)
ME-326	Heating, Ventilating and Air Conditioning	3(3-0)
ME-327	Heat Transfer and HVAC Lab	1(0-1)
ME-328	Health, Safety and Environment	1(1-0)
SOC-329	Social Sciences (Elective)	2(2-0)
	Total 18(16-2)	

Semester-7

Code	Course Title	C/Hr.
ME-411	Control Engineering	3(3-0)
ME-412	Control Engineering (Lab)	1(0-1)
ME-413	Mechanical Vibrations	3(3-0)
ME-414	Internal Combustion Engines	3(3-0)
ME-415	Technical Elective-I	2(2-0)
ME-416	Senior Design Project-I	3(0-3)
ME-417	Mechanisms and Mechanical Vibrations (Lab)	1(0-1)
	Total 16(11-5)	

Semester-8

Code	Course Title	C/Hr.
ME-421	Introduction to Finite Element Analysis	2(2-0)
ME-422	Introduction to Finite Element Analysis (Lab)	1(0-1)
ME-423	Technical Elective-II	2(2-0)
ME-424	Management Elective	2(2-0)
ME-425	Entrepreneurship	1(1-0)
ME-426	Power Plants	3(3-0)
ME-427	IC Engine & Power Plants (Lab)	1(0-1)
ME-428	Senior Design Project-II	3(0-3)
	Quran Translation	0(0-0)
	Total 15(10-5)	

MSc Mechanical Engineering

Eligibility: At lease 2.5 CGPA out of 4.00 in the relevant terminal degree + Departmental Test (at least 50%)
Merit Determination: 70% weightage to Terminal Degree
30% weightage to Test + Interview
Duration: 2 years , **Semesters:** 4
Degree Requirements: Minimum 30 credit hours
Fee Structure: See "Fee Structure" page No. 153

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)
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)
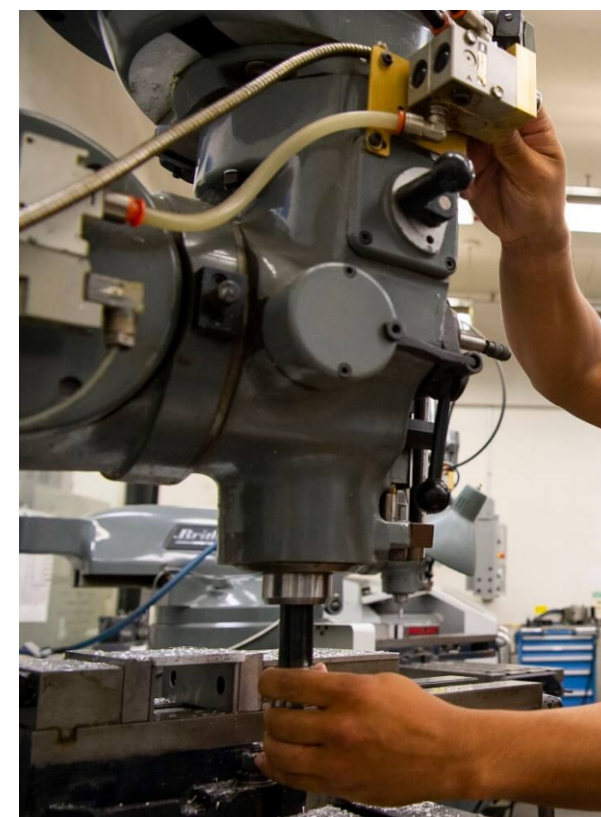
MISSION OF THE DEPARTMENT OF MECHANICAL ENGINEERING

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

MECHANICAL ENGINEERING PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: To apply knowledge of mechanical engineering 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 member.

PEO 3: To lead and participating in continue professional development and socio-economic challenges.

PEO 4: To demonstrate professional ethics, management skills and an effective communication.

PROGRAM LEARNING OUTCOMES (PLOs) 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/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/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/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 ENGINEERING

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

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FACULTY

Engr. Dr. Ateeq-ur-Rehman Shaheen Assistant Professor	**Engr. Asjad Ullah Ahmed** Lab. Engineer
Engr. Dr. Imran Khan Assistant Professor	**Engr. Ismail Akbar Khan** Lab. Engineer
Engr. Hafiz Ghulam Murtaza Qamar Assistant Professor	**Engr. Atif Mursaleen** Lab. Engineer
Engr. Nasim Zahra Assistant Professor	**Engr. M. Zeeshan Hassan** Lab. Engineer
Engr. Erum Rehman Lecturer	**Engr. Huma Iqbal** Lab. Engineer
Engr. Muhammad Imran Hashmi Lecturer	**Engr. Tayyba Noreen** Lab. Engineer
Engr. Yasir Salam Lecturer	**Engr. M. Junaid Khalid** Lab. Engineer
Engr. Nauman Ahmad Tariq Lecturer	**Engr. Ayesha Riaz** Lab. Engineer
Engr. Saad Ullah Lecturer	**Engr. Amir Sohail** Lab. Engineer

BSc Electrical Engineering

Eligibility: 60% marks in FSc (Pre-engineering) / A-Level / DAE in relevant area.
Merit Determination:
50% weightage to FSc marks or equivalent
17% weightage to Matriculation marks
33% weightage to UET Entry Test-2022
Duration: 4 years
Semesters: 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
ENG-111	Functional English	2(2-0)
MATH-112	Calculus and Analytical Geometry	3(3-0)
EE-113	Linear Circuit Analysis	3(3-0)
EE-114	Linear Circuit Analysis (Lab)	1(1-0)
CE-114	Introduction to Computing	1(1-0)
CE-115	Introduction to Computing (Lab)	1(1-0)
ISL-116	Islamic Studies	2(2-0)
EE-118	Applied Physics	3(3-0)
EE-110	Applied Physics (Lab)	1(1-0)
	Total	17 (17-0)
Semester-2		
MATH-121	Differential Equations	3(3-0)
MATH-122	Linear Algebra	3(3-0)
ME-123	Workshop Practices (Lab)	1(0-1)
PK. ST-124	Pakistan Studies	2(2-0)
CE-125	Programming Fundamentals	3(3-0)
CE-126	Programming Fundamentals (Lab)	1(0-1)
EE-127	Electronic Devices and Circuits	3(3-0)
EE-128	Electronic Devices and Circuits (Lab)	1(0-1)
	Total 17(14-3)	
Semester-3		
GS-211	Complex Variables and Transform	3(3-0)
ENG-212	Communication Skills	2(2-0)
EE-213	Digital Logic Design	3(3-0)
EE-214	Digital Logic Design (Lab)	1(0-1)
EE-215	Engineering Drawing (Lab)	1(0-1)
EE-216	Computer Architecture	3(3-0)
EE-217	Computer Architecture (Lab)	1(0-1)
EE-218	Electrical Network Analysis	3(3-0)
EE-219	Electrical Network Analysis (Lab)	1(0-1)
	Total 18(14-4)	
Semester-4		
EDU-221	Citizenship Education & Community Engagement	0(0-0)
GS-222	Numerical Analysis	3(3-0)
EE-224	Introduction to Embedded System	3(3-0)
EE-225	Introduction to Embedded System (Lab)	1(0-1)
EE-226	Probability Methods in Engineering	3(3-0)
EE-227	Electrical Machines	3(3-0)
EE-228	Electrical Machines (Lab)	1(0-1)
	Total 14(12-2)	

Semester-5		
EE-311	Signals and Systems	3(3-0)
EE-312	Signals and Systems (Lab)	1(0-1)
EE-313	Electromagnetic Field Theory	3(3-0)
EE-314	Communication Systems	3(3-0)
EE-315	Communication Systems (Lab)	1(0-1)
XXX	Humanities and Social Sciences Elective-II	3(3-0)
ME-318	Basic Mechanical Engineering	3(3-0)
	Total 17(15-2)	

Semester-6		
ENG-321	Technical Writing	3(3-0)
EE-322	Linear Control Systems	3(3-0)
EE-323	Linear Control Systems (Lab)	1(0-1)
EE-324	Power System Analysis	3(3-0)
EE-325	Power System Analysis (Lab)	1(0-1)
EE-326	Electronic Circuit Design	3(3-0)
EE-327	Electronic Circuit Design (Lab)	1(0-1)
ECON-327	Engineering Economics	3(3-0)
	Total 18(15-3)	

Semester-7		
EE-4XX	Depth Elective - I	3(3-0)
EE-4XX	Depth Elective - I (Lab)	1(0-1)
EE-4XX	Depth Elective - II	3(3-0)
EE-4XX	Depth Elective - II (Lab)	1(0-1)
MS-415	Entrepreneurship	3(3-0)
CE-415	Data Structures and Algorithms	3(3-0)
CE-416	Data Structures and Algorithms (Lab)	1(0-1)
EE-498	Final Year Project - I	3(0-3)
	Total 18(12-6)	

Semester-8		
EE-4XX	Depth Elective - III	3(3-0)
EE-4XX	Depth Elective - III (Lab)	1(0-1)
EE-4XX	Depth Elective - IV	3(3-0)
EE-4XX	Depth Elective - IV (Lab)	1(0-1)
EE-4XX	Depth Elective - V	3(3-0)
EE-499	Final Year Project - II	3(0-3)
	Quran Translation	0(0-0)
	Total 14(9-5)	

MISSION OF THE DEPARTMENT OF ELECTRICAL ENGINEERING

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.

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 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 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
ENGINEERING TECHNOLOGY

Engr Dr Mudaser Ullah
Assistant Professor / Incharge

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📍 M. Ali Jauhar Block

FACULTY (Civil Engineering Technology)

Engr. Syed Nasir Abbas Assistant Professor	**Engr. Aqeel Ahmad** Lecturer
Engr. Abdul Rahim Khan Assistant Professor	**Engr. Ayesha Butt** Lecturer
Engr. Ashok Kumar Assistant Professor	**Engr. Muhammad Owais** Lab Engineer
Engr. Asad Sultan Lecturer (on study leave)	**Engr. Hanzla Akhlaq** Lab Engineer
Engr. Fahad Ahmed Lecturer (on study leave)	**Engr. Usman Ali** Lab Engineer
Engr. Muhammad Mubashir Ajmal Lecturer	**Engr. Sikandar Zaman Khan** Lab Engineer

FACULTY (Electrical Engineering Technology)

Engr. Dr. Waseem Aslam
Assistant Professor

Engr. Muhammad Waqar Zahid
Lecturer

Engr. Muhammad Nadeem
Lecturer

FACULTY (Mechanical Engineering Technology)

Engr. Dr. Mudaser Ullah
Assistant Professor

Engr. Saeed Ahmad
Lecturer

BS Civil Engineering Technology

Eligibility: Eligibility: Minimum 50% marks in Intermediate [FSc (Pre-Engineering) OR ICS with Math OR DAE with the relevant Civil Engineering Technology.

Duration: 4 years   **Semesters:** 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
MATH-111	Applied Mathematics-I	3(3-0)
CS-112	Computer Applications	2(1-1)
ENG-113	Communication Skills-I	3(3-0)
CT-114	Civil Engineering Drawing	3(1-2)
CT-115	Materials and Methods of Construction	3(3-0)
ISL-116	Islamic Studies	2(2-0)
	Total 16(13-3)	
Semester-2		
CT-121	Applied Mechanics	4(3-1)
MATH-122	Applied Mathematics-II	3(3-0)
ENG-123	Communication Skills-II	2(2-0)
CT-124	Concrete Technology	4(3-1)
CT-125	Surveying	4(2-2)
	Total 17(13-4)	
Semester-3		
MATH-211	Applied Mathematics-III	3(3-0)
CT-212	Hydrology	4(3-1)
CT-213	Fluid Mechanics	4(3-1)
CT-214	Mechanics of Materials	4(3-1)
CT-215	Engineering Geology	2(2-0)
	Total 17(14-3)	

Code	Course Title	C/Hr.
Semester-4		
CT-221	Soil Mechanics	4(3-1)
CT-222	Highway and Transportation Engineering	4(3-1)
CT-223	Quantity Surveying and Contract Document	3(3-0)
CT-224	Material Testing Repair and Maintenance	2(2-0)
MS-225	Total Quality Management	2(2-0)
CT-226	Theory of Structures	4(3-1)
	Total 19(16-3)	
Semester-5		
CT-311	Irrigation and Hydraulic Engineering	4(3-1)
CT-312	Reinforced Concrete Structures	4(3-1)
CT-313	Steel Structures	3(3-0)
CT-314	Computer Aided Building Modeling and Design	3(2-1)
CT-315	Water Supply & Waste Water Management	4(3-1)
	Total 17(13-4)	
Semester-6		
CT-321	Environmental Management	4(3-1)
CT-322	Introduction to Earth Quake Engineering	3(2-1)
MS-323	Project Management	3(3-0)
PK.ST-325	Pakistan Studies	2(2-0)
CT-326	Foundation and Pavements	4(3-1)
	Total 16(13-3)	
Semester-7		
CT-421	Supervised Industrial Training	16(0-16)
	Total 16(0-16)	
Semester-8		
CT-421	Supervised Industrial Training	16(0-16)
	Total 16(0-16)	

BS Electrical Engineering Technology

Eligibility: Minimum 50% marks in Intermediate [FSc (Pre-Engineering) OR ICS with Math OR DAE with the relevant Electrical Engineering technology.
Duration: 4 years   **Semesters:** 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
MATH-111	Applied Mathematics-I	3(3-0)
CS-112	Computer Applications	2(1-1)
ENG-113	Communication Skills-I	3(3-0)
ET-114	Applied Physics	4(3-1)
ET-115	Engineering Drawing	2(1-1)
ISL-116	Islamic Studies	2(2-0)
	Total 16(13-3)	
Semester-2		
ET-121	Basic Electronics	4(3-1)
MATH-122	Applied Mathematics-II	3(3-0)
ENG-123	Communication Skills-II	2(2-0)
ET-124	Linear Circuit Analysis	4(3-1)
ET-125	Basic Mechanical Technology	4(3-1)
	Total 17(14-3)	
Semester-3		
MATH-211	Applied Mathematics-III	3(3-0)
ET-212	Network Analysis	4(3-1)
ET-213	Digital Electronics	4(3-1)
ET-214	Power Generation and Utilization	4(3-1)
ET-215	Electrical Machines-I	4(3-1)
	Total 19(15-4)	
Semester-4		
ET-221	Instrumentation and Measurement	4(3-1)
ET-222	Electrical Machines-II	4(3-1)
ET-223	Power Transmission	4(3-1)

Code	Course Title	C/Hr.
ET-224	Data and Computer Communication	4(3-1)
MS-225	Total Quality Management	2(2-0)
	Total 18(14-4)	
Semester-5		
ET-311	Microprocessor Theory and Interfacing	4(3-1)
ET-312	Power and Industrial Electronics	4(3-1)
ET-313	Switchgear and Protective Devices	4(3-1)
ET-314	Tele-Communication Technology	4(3-1)
ET-315	Industrial Environmental Safety	2(2-0)
	Total 18(14-4)	
Semester-6		
ET-321	Power System Protection	4(3-1)
ET-322	Control Technology	4(3-1)
ET-323	High Voltage Technology	4(3-1)
ET-324	Power Distribution and Utilization	3(2-1)
PK.ST-325	Pakistan Studies	2(2-0)
	Total 17(13-4)	
Semester-7		
ET-421	Supervised Industrial Training	16(0-16)
	Total 16(0-16)	
Semester-8		
ET-421	Supervised Industrial Training	16(0-16)
	Total 16(0-16)	

BS Mechanical Engineering Technology

Eligibility: Minimum 50% marks in Intermediate [FSc (Pre-Engineering) + ICS with Math OR DAE with the relevant Mechanical Engineering Technology.
Duration: 4 years   **Semesters:** 8
Degree Requirements: Minimum 130 credit hours

Code	Course Title	C/Hr.
Semester-1		
MATH-111	Applied Mathematics-I	3(3-0)
CS-112	Computer Applications	2(1-1)
ENG-113	Communication Skills-I	3(3-0)
MT-114	Applied Physics	4(3-1)
MT-115	Engineering Drawing	3(1-2)

Code	Course Title	C/Hr.
ISL-116	Islamic Studies	2(2-0)
	Total 17(13-4)	
Semester-2		
MT-121	Machining Processes	3(1-2)
MATH-122	Applied Mathematics-II	3(3-0)
ENG-123	Communication Skills-II	3(3-0)
MT-124	Industrial Materials	3(3-0)
MT-125	Applied Mechanics	4(3-1)
MT-126	Computer Aided Drafting	2(1-1)
	Total 18(14-4)	
Semester-3		
MT-211	Mechanics of Materials	4(3-1)
MATH-211	Applied Mathematics-III	3(3-0)
MT-212	Applied Thermodynamics	4(3-1)
MT-213	Production Planning and Control	3(3-0)
MT-214	Basic Electrical Technology	4(3-1)
	Total 18(15-3)	
Semester-4		
MT-221	Machine Design	4(3-1)
MT-222	Industrial and Environmental Safety	2(2-0)
MT-223	Manufacturing Process	4(2-2)
MT-224	Fluid Mechanics	4(3-1)
MS-225	Total Quality Management	2(2-0)
	Total 16(12-4)	
Semester-4		
MT-221	Machine Design	4(3-1)
MT-222	Industrial and Environmental Safety	2(2-0)
MT-223	Manufacturing Process	4(2-2)
MT-224	Fluid Mechanics	4(3-1)
MS-225	Total Quality Management	2(2-0)
	Total 16(12-4)	
Semester-5		
MT-311	I.C Engine	4(3-1)
MT-312	Plant Maintenance	2(2-0)
MT-313	Mechanical Vibrations	4(3-1)
MT-314	Instrumentation and Control	4(3-1)
MT-315	Production Automation	4(3-1)
	Total 18(14-4)	

Semester-6		
MT-321	Material Handling	2(2-0)
MT-322	Renewable Energy & Environmental Technology	4(3-1)
MT-323	Metrology & Gauging	3(2-1)
MT-324	Refrigeration and Air Conditioning	4(3-1)
PK.ST.-325	Pakistan Studies	2(2-0)
MT-326	Project Management	3(3-0)
	Total	**18(15-3)**

Semester-7		
MT-421	Supervised Industrial Training	16(0-16)
	Total	**16(0-16)**

Semester-8		
MT-421	Supervised Industrial Training	16(0-16)
	Total	**16(0-16)**

MISSION OF THE DEPARTMENT OF ENGINEERING TECHNOLOGY

To serve the engineering technology profession by offering high quality education with hands on lab experience to create professional technologists and contribute towards society by providing innovative solutions with focus on technical and management skills.

PEOs for BS Civil Engineering Technology

PEO-01: To produce graduates having strong knowledge in civil engineering technology that will lead to develop technical competency.

PEO-02: To prepare graduates for success in technical careers and demonstrate in professional skills in the field of civil engineering technology.

PEO-03: To prepare graduates to become responsible citizens with high ethical and professional standards as well as awareness of societal impact of civil technologies.

PEOs for BS Electrical Engineering Technology

PEO-01: Competent in electrical engineering technology discipline to meeting the industrial needs of the society.

PEO-02: Graduate will create an environment of professionalism at their work places with good communication and management skills. They will demonstrate social and ethical values required by the profession.

PEO-03: To prevail the excellence and professionalism in graduates by encompassing technical knowledge and hand-on experience through academic and industrial trainings.

PEOs for BS Mechanical Engineering Technology

PEO-01: Apply Mechanical Engineering Technology knowledge to identify and address the technical and societal problems.

PEO-02: Provide solutions to global technological challenges being entrepreneurs, consultants and researchers following ethical practices.

PEO-03: Able to work as effective team members with strong management qualities and inclination towards life long learning.

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 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 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 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.

FACULTY OF
MEDICAL AND
HEALTH SCIENCES

Phone: 048-9232001
Email: dean.medical@uos.edu.pk

List of College/Departments

- Allied Health Sciences
- UMC & RC

The Faculty of Medical & Health Sciences was established by an administrative order in 2006. It is one among all the faculties created by UOS. At present, it offers the degree programs in MBBS, DPT, BS AHS, MD/MS, FCPS, MPhil and PhD. The Sargodha Medical College (SMC), the first institution under Faculty of Medical and Health Sciences, started MBBS degree in 2006 after due recognition by PM&DC Islamabad, whereas the FCPS degree programs are also offered since 2009, in collaboration with College of Physicians and Surgeons Pakistan (CPSP) Karachi. It is the first ever public sector medical college in the Punjab run by a public sector university. Community Oriented Medical Education (COME) curriculum offered by the college is in line as recommended by Pakistan Medical & Dental Council (PM&DC), Islamabad and University of Health Sciences, Lahore.

The Department of Allied Health Sciences was established in 2010 and situated at Sargodha Medical College Campus. The Department of Physical Therapy has started DPT, a five year degree in the same year. The establishment of Institute of Allied Health Sciences has been approved by the worthy Vice Chancellor already. In addition, Department of Medical Education has also been working since 2010 and is actively involved in staff development and training of medical practitioners and teaching faculty. Moreover, short & long term diploma courses are also available under the Skilled Manpower Development Program. The admission process in various disciplines are usually started from the month of September and completed upto November each year.

DEPARTMENT OF
ALLIED HEALTH SCIENCES

Dr Muhammad Mustafa Qamar
Assistant Professor / Incharge

Contact
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📞 048-9232015
📍 Faisalabad Road, Sargodha

FACULTY

Dr. Akhtar Rasul
Assistant Professor

Dr. Abdul Ghani
Assistant Professor

Dr. Muhammad Ramzan
Assistant Professor

Dr. Hafiz Abdul Munem
Assistant Professor

Dr. Mohsana Tariq
Lecturer

Dr. Ayesha Basharat
Lecturer

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

Faiqa Chaudhry
Lecturer/Demonstrator

Dr. Abdul Rauf
Associate Professor (Com. Med.)

Dr. Humaira Akram
Professor (Gynae)

Dr. Safdar Ali
Assistant Professor (Biochemistry)

Dr. Shoaib Ahmad Malik
Assistant Professor (Biochemistry)

Dr. Shahid Javed
Assistant Professor (Physiology)

Dr. Muhammad Tayyab Hamid Malik
Lecturer (Physiology)

Dr. Waseem Sadiq
Associate Professor (Surgery)

Dr. Ahmad Hassan
Associate Professor (Surgery)

Dr. Tahira Tabassum
Associate Professor (Pathology)

Dr. Abrar Hussain Sherazi
Professor (Orthopedic)

Dr. Imran Ghani
Assistant Professor (Orthopedic)

Dr. Nazish
Assistant Professor (Radiology)

Dr. Ayesha Kamran
Assistant Professor (Radiology)

DPT (Doctor of Physical Therapy)

Eligibility: At least 60% marks in FSc (Pre-Medical) or equivalent
Duration: 5 years
Fee Structure: See "Fee Structure" page No. 159

Paper	Subject	Marks
1st Year		
Paper I	Anatomy I	200 Marks
Paper II	Physiology I	200 Marks
Paper III	Biochemistry I	200 Marks
Paper IV	Kinesiology	200 Marks
Paper V	English	100 Marks
Paper VI	Introduction to Computers	100 Marks
	Total Marks 1000	
2nd Year		
Paper I	Anatomy II	200 Marks
Paper II	Physiology II	200 Marks
Paper III	Biochemistry II	200 Marks
Paper IV	Biomechanics and Ergonomics	200 Marks
Paper V	Islamic Studies	100 Marks
Paper VI	Pakistan Studies	100 Marks
	Total Marks 1000	
3rd Year		
Paper I	Pharmacology	200 Marks
Paper II	General Pathology & Microbiology	200 Marks
Paper III	Physical Agents & Electrotherapy Including Medical Physics	200 Marks
Paper IV	Therapeutic Exercises and Techniques & Manual Therapy	200 Marks
	Total 800 Marks	
4th Year		
Paper I	Community Health, Research Methodology, Social & Behavioral Sciences	100 Marks
Paper II	Special Pathology	200 Marks
Paper III	Physical Therapy in Medicine	200 Marks
Paper IV	Physical Therapy in Surgery including Radiology & Diagnostic Imaging	200 Marks
Paper V	Clinical Decision Making & Differential Diagnosis	100 Marks
Paper VI	Physical Therapy Treatment & Techniques-I (Musculoskeletal, Sports, Gerontology including Geriatric, Paediatric Physical Therapy and Supervised Clinical Practices I)	200 Marks
	Total Marks 1000	
5th Year		
Paper I	Evidence Based Physical Therapy & Professional Practice	100 Marks
Paper II	Emergency Procedures & Primary Care in Physical Therapy	200 Marks
Paper III	Physical Therapy Treatment & Techniques-II	200 Marks
	Physical Therapy in Surgery (Cardiopulmonary, Neurological, Gynecological & Obstetrics, Integumentary Physical Therapy, and Supervised Clinical Practices II)	
Paper IV	Prosthetics, Orthotics, Human Development & Community based Rehabilitation	100 Marks
Paper V	Exercise Physiology & Health and Wellness	200 Marks
	Research Report (in final year)	Qualifying Mandatory
	Total Marks 800	

BS AHS
Pathology Lab Sciences

Eligibility: At least 60% marks in FSc (Pre-Medical) or equivalent
Duration: 4 years
Fee Structure: See "Fee Structure" page No. 159

Paper	Subject	Marks
1st Year		
Paper I	Anatomy I	200 Marks
Paper II	Physiology I	200 Marks
Paper III	Biochemistry I	200 Marks
Paper IV	Introduction to Allied Health Sciences	200 Marks
Paper V	English	100 Marks
Paper VI	Introduction to Computer	100 Marks
		Total Marks 1000
2nd Year		
Paper I	Anatomy II	200 Marks
Paper II	Physiology II	200 Marks
Paper III	Biochemistry II	200 Marks
Paper IV	Medical Instruments and Chemicals I (General)	100 Marks
Paper V	Islamic Studies	100 Marks
Paper VI	Pak Studies	100 Marks
		Total Marks 900
3rd Year		
Paper I	Haematology and Blood Banking	200 Marks
Paper II	Chemical Pathology, Immunology and Serology	200 Marks
Paper III	General Pathology & Microbiology	200 Marks
		Total Marks 600
4th Year		
Paper I	Scientific Inquiry, Biostatistics, Research Methodology	200 Marks
Paper II	Histopathology and Cytopathology	200 Marks
Paper III	Laboratory Management	200 Marks
	Research Report Writing	Qualifying
		Total Marks 600

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
Principal

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📍 Al-Razi Block

FACULTY

Dr. Sajid Bashir Professor	**Dr. Safirah Maheen** Lecturer
Dr. Shahid Rasool Associate Professor	**Dr. Mulazim Hussain Asim** Lecturer
Dr Saira Azhar Associate Professor	**Dr. M. Rouf Akram** Lecturer
Kamran Assistant Professor	**Dr. Hafeez Ullah Khan** Lecturer
Dr. Saeed-ur-Rashid Nazir Assistant Professor	**Aqeel Aslam** Lecturer
Dr. M. Naeem Qaisar Assistant Professor	**Hafiz Rashid Hussain** Lecturer
Muhammad Akram Assistant Professor (on leave)	**Dr. Noreen Khalid** Lecturer (on leave)
Dr. Hafiz Muhammad Irfan Assistant Professor	**Ayesha Shamim** Lecturer
Iftikhar Afzal Assistant Professor	**Mamoona Dar** Lecturer
Dr. Muhammad Zubair Malik Assistant Professor	**Dr. Taseer Ahmad** Lecturer
Dr. Abdul Malik Assistant Professor	**Dr. Nayab Tahir** Lecturer
Dr. Rai Muhammad Sarfraz Lecturer	**Dr. Haseeb Ahsan** Lecturer
Dr Alia Erum Lecturer	**Dr. M. Tahir Haseeb** Lecturer
Dr Ume Ruqia Tulain Lecturer	**Dr. Ambreen Malik Uttra** Lecturer
Dr. Shazia Akram Lecturer	

PharmD

Eligibility: At least 60% marks in FSc (Pre-Medical) or equivalent
Duration: 5 years
Semesters: 10
Degree Requirements: 198 credit hours
Fee Structure: See "Fee Structure" page No. 154

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)

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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 Practic-III (Computer and Its Aplications in Pharmacy) [T]	3(3-0)
PHRM-6155	Pharmacy Practic-III (Computer and Its Aplications in Pharmacy) [P]	1(0-1)
	Total 19(15-4)	

Semester-7

Code	Course Title	C/Hr.
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)

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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) [T]	1(0-1)
	Total 19(15-4)	

Semester-9

Code	Course Title	C/Hr.
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 (Pharmacutical 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

Code	Course Title	C/Hr.
PHRM-6182	Pharmaceutics-VII B (Pharmaceutical Technology-II) [T]	3(3-0)
PHRM-6183	Pharmaceutics-VII B (Pharmaceutical Technology-II) [P]	1(0-1)

Code	Course Title	C/Hr.
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 (Pharmacutical 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
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.

Semester-1

Code	Course Title	C/Hr.
PHRM-7301	Pharmacy Practice I - Public Health Pharmacy	3(3-0)
PHRM-7302	Pharmacy Practice II Pharmacoepidemiology & Pharmacovigilance	3(3-0)
PHRM-7303	Pharmacy Practice III Social and Administrative Pharmacy	3(3-0)
PHRM-7304	Pharmacy Practice IV Clinical Pharmacy -I	3(3-0)
	Total 12(12-0)	

Semester-2

Code	Course Title	C/Hr.
PHRM-7305	Pharmacy Practice V Clinical Pharmacokinetics	3(3-0)
PHRM-7306	Pharmacy Practice VI Clinical Pharmacy -II	3(3-0)
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
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
Semester-1		
PHRM-7201	Advanced Pharmaceutics	3(3-0)
PHRM-7202	Pharmaceutics Lab	1(0-1)
PHRM-7203	Pharmaceutical Microbiology	3(3-0)
PHRM-7204	Clinical Pharmacy & Therapeutics-I	3(3-0)
PHRM-7205	Pharmaceutical Marketing	3(3-0)
	Total 13(12-1)	
Semester-2		
PHRM-7206	Pharmaceutical Technology	4(4-0)
PHRM-7207	Pharm.Tech. Lab.	1(0-1)
PHRM-7208	Clinical Pharmacy & Therapeutics-II	3(3-0)
PHRM-7209	Bio-statistics	3(3-0)
PHRM-7210	Research Methodology	2(2-0)
	Total 13(12-1)	
Semester-3 to 4		
PHRM-7211	Research & Thesis	

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
Fee Structure: See "Fee Structure" page No. 154

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 Immunopharmacology	3(3-0)
PHRM-7104	Advance Pharmacology Lab-1	1(0-1)
PHRM-7105	Research Methodology	3(3-0)
	Total 13(12-1)	
Semester-2		
PHRM-7106	Advanced Applied Pharmacology	3(3-0)
PHRM-7107	Advanced Biochemical & Immunological techniques	3(3-0)
PHRM-7108	Advanced Neuropharmacology	3(3-0)
PHRM-7109	Biostatistics	3(3-0)
PHRM-7110	Pharmacology Lab-IV	1(0-1)
	Total 13(12-1)	
Semester-3 to 4		
PHRM-7111	Research & Thesis	

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 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
Semester-1		
PHRM-8101	Research Methodology	3(3-0)
PHRM-8102	Battery of Pharmacological Test	3(3-0)
PHRM-8103	Toxicokinetic studies & Metabolic disorder	3(3-0)
	Total 9(9-0)	
Semester-2		
PHRM-8104	Drugs Activity Evaluations	3(3-0)
PHRM-8105	Screening of Medicinal plants	3(3-0)
PHRM-8106	Ethnopharmacology and Systemic Anti-microbial agents	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 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
Semester-1		
PHRM-8201	Pharmaceutical Statistics	3(3-0)
PHRM-8202	Advance Biopharmaceutics	3(3-0)
PHRM-8203	Advanced Pharmaceutical Technology	3(3-0)
	Total 9(9-0)	
Semester-2		
PHRM-8204	Pharmaceutical Care	3(3-0)
PHRM-8205	Biopharmaceutics	3(3-0)
PHRM-8206	Rate Controlled Drug Delivery System	3(3-0)
	Total 9(9-0)	
Semester-3 to 6		
PHRM-8207	Research & Thesis	

FACULTY OF
SCIENCES

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List of Institute/Departments

- Institute of Chemistry
- Biotechnology
- Botany
- Computer Science and Information Technology
- 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 its faculty and students. The Faculty is comprised of nine departments. The subjects of Botany and Zoology are enriched with innovative research culture. Chemistry tries to meet the ever-growing needs in the field of chemical sciences. Computer Science and IT has research focus on Software Engineering, Machine Learning, Computer Networks and Security. The Earth Sciences has a progressive vision about exploration of natural resources. Mathematics has facilities for research scholars and students to develop a large and productive research in Pure, Applied and Computational Mathematics. Physics is characterized by Advanced Electronics, Optics and Methods of Experimental Physics along with elective papers in different programs. Statistics is used to design surveys and experimental research, collect and analyze data, interpret and evaluate numerical evidence and communicate results. 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.

INSTITUTE OF
CHEMISTRY

FACULTY

Dr. Muhammad Ilyas Tariq
Professor

Dr. M. Ashraf Shaheen
Professor

Dr. Muhammad Sher
Professor

Dr. Abdul Rauf Raza
Associate Professor

Dr. Waseeq A. Siddiqui
Assistant Professor

Dr. Humaira Yasmeen
Assistant Professor

Dr. Nargis Sultana
Assistant Professor

Dr. Fozia Batool
Assistant Professor

Dr. Muhammad Naeem-ul-Hassan
Assistant Professor

Bushra Munir
Assistant Professor

Farhat Nosheen
Assistant Professor

Dr. Muhammad Imran Irfan
Assistant Professor

Dr. Abdul Karim
Lecturer

Dr. Sobia Noreen
Lecturer

Taleeha Roheen
Lecturer

Dr. Muhammad Fayyaz-ur-Rehman
Lecturer

Abu Bakar Siddique
Lecturer

Dr Farooq Anwar
Professor / Director

Contact
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⊚ Ibn-e-Sina Block

BS Chemistry

Eligibility: At least 45% marks in Intermediate (FSc Pre-Engineering, FSc Pre-Medical, A-level) with Chemistry as an elective subject.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
Semester-1		
CHEM-5101	Physical Chemistry	4(3-1)
BOTN-5101*	Diversity of Plants	4(3-1)
ZOOL-5101*	Animal Diversity-I (Invertebrates)	4(3-1)
URCE-5101	Grammar	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
	Total 17(14-3)	
Semester-2		
CHEM-5102	Inorganic Chemistry	4(3-1)
BOTN-5102*	Plant Systematic Anatomy and	4(3-1)
	Development / Embryology	4(3-1)
ZOOL-5102*	Animal Diversity-II (Chordates)	
URCE-5102	Language Comprehension &	3(3-0)
	Presentation Skills	
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(14-3)	
Semester-3		
CHEM-5103	Organic Chemistry	4(3-1)
BOTN-5103*	Cell Biology, Genetics and Evolution	4(3-1)
ZOOL-5103*	Animal Form and Function-I	4(3-1)
URCE-5103	Academic Writing	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(3-0)
	Total 18(15-3)	

Code	Course Title	C/Hr.
Semester-4		
CHEM-5104	Chemistry Special Topics	4(3-1)
BOTN-5104*	Plant Physiology and Ecology	4(3-1)
ZOOL-5106*	Animal Form and Function-II	4(3-1)
URCE-5104	Introduction to English Literature	3(3-0)
CHEM-5105	Introduction to Management	3(3-0)
	Total 18(15-3)	

* Mathematics and Physics courses will be offered for the students who have entered in the program with Pre-Engineering combination in FSc or equivalent.

Code	Course Title	C/Hr.
Semester-5		
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-6		
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-7		
CHEM-6111	Forensic Science	2(2-0)
CHEM-6112	Industrial Chemistry	3(3-0)
CHEM-61xx	Research / Course	4(3-1)
CHEM-61xx	Specialization	4(3-1)
CHEM-61xx	Specialization	3(3-0)
	Total 16(14-2)	

Semester-8

CHEM-6129	Environmental Chemistry	3(3-0)
CHEM-61xx	Research / Course	4(3-1)
CHEM-61xx	Specialization	4(3-1)
CHEM-61xx	Specialization	3(3-0)
	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
Fee Structure: See "Fee Structure" page No. 154

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)

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.

Institute of Chemistry, I am convinced, is a home with loads of amazing serendipities. Classes, practical, seminars and workshops were just a few of the excellent opportunities for me to explore and learn about the cutting-edge research in Chemistry. I was able to learn not only basic chemistry, but also the boundaries with other sciences like Biology or Physics. I consider this institute as the best place to start learning chemistry. BS, Chemistry

PhD Chemistry

Eligibility: UOS conducted subject based entry test (70% min) + Interview and 3.0 CGPA out of 4.0 in MS/MPhil Chemistry or equivalent degree.
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 154

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-I		
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

DEPARTMENT OF
BIOTECHNOLOGY

Dr Muhammad Irfan
Assistant Professor / Incharge

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FACULTY

Dr. Arif Muhammad Khan
Assistant Professor

Dr. Waqas Ahmad Khan
Assistant Professor

Dr. Imran Riaz Malik
Assistant Professor

Dr. Misbah Hussain
Lecturer

Sayyad Ali Raza Bukhari
Lecturer

BS Biotechnology

Eligibility: At least 45% marks in FSc (Pre-medical), A-Level, or equivalent.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCP-5106	Pakistan Studies (C)	2(2-0)
MATH-5101	Mathematics I: Pre Calculas	3(3-0)
CHEM-5101	Physical Chemistry (G)	4(3-1)
BIOT-5101	Introduction to Biotechnology (F)	3(3-0)
BIOT-5102	Biochemistry-I (F)	3(2-1)
	Total 18(16-2)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies / Ethics (C)	2(2-0)
MATH-6151	Bio Mathematics	3(3-0)
CHEM-5102	Inorganic Chemistry (G)	4(3-1)
BIOT-5103	Cell Biology (F)	3(2-1)
BIOT-5104	Biochemistry-II (F)	3(2-1)
	Total 18(15-3)	

Code	Course Title	C/Hr.
Semester-3		
URCE-5103	Academic Writing	3(3-0)
ICTC-5201	Intro. to Information & Communication Techn.	3(2-1)
SOCI-5101	General Sociology-I	3(3-0)
BIOT-5105	Classical Genetics (F)	3(3-0)
BIOT-5106	Ecology, Biodiversity and Evolution - I (G)	3(3-0)
BIOT-5107	Microbiology (F)	3(2-1)
	Total 18(16-2)	
Semester-4		
BIOT-5108	Animal Physiology (G)	3(2-1)
BIOT-5109	Ecology, Biodiversity and Evolution - II (G)	3(2-1)
PSYC-5101	Introduction to Psychology	3(3-0)
BIOT-5110	Molecular Biology (F)	3(3-0)
CHEM-5103	Organic Chemistry (G)	4(3-1)
	Total 16(13-3)	
Semester-5		
BIOT-6111	Analytical Chemistry and Instrumentation(F)	3(2-1)
BIOT-6112	Bioinformatics (M)	3(1-2)
BIOT-6113	Methods in Molecular Biology (F)	3(2-1)
BIOT-6114	Immunology (F)	3(3-0)
BIOT-6115	Probability and Biostatistics (F)	3(3-0)
BIOT-6116	Principles of Biochemical Engineering (M)	3(2-1)
	Total 18(13-5)	
Semester-6		
BIOT-6117	Recombinant DNA Technology (M)	3(2-1)
BIOT-6118	Microbial Biotechnology (F)	3(2-1)
BIOT-6119	Genetic Resources and Conservation (F)	3(3-0)
BIOT-6120	Agriculture Biotechnology (M)	3(2-1)

Code	Course Title	C/Hr.
BIOT-6121	Genomics and Proteomics (M)	3(3-0)
BIOT-6122	Biosafety and Bioethics (C)	2(2-0)
	Total	**17(14-3)**

Semester-7

Code	Course Title	C/Hr.
BIOT-6123	Research Methodology and Skills Enhancement (M)	3(3-0)
BIOT-6124	Environmental Biotechnology (M)	3(2-1)
BIOT-6125	Health Biotechnology (M)	3(3-0)
BIOT-61xx	Seminar I	1(1-0)
BIOT-61xx	Elective I	3(3-0)
BIOT-61xx	Research Project / Internship OR	3(3-0)
BIOT-61xx	Special Paper - I (M)	
	Total	**16(15-1)**

Semester-8

Code	Course Title	C/Hr.
BIOT-6126	Industrial Biotechnology	3(2-1)
BIOT-6127	Food Biotechnology	3(3-0)
BIOT-6128	Cell and Tissue Culture	3(2-1)
BIOT-61xx	Elective-II**	3(3-0)
BIOT-61xx	Research Project / Internship OR	3(3-0)
BIOT-61xx	Special Paper - II ***	1(1-0)
BIOT-61xx	Seminar	3(2-1)
	Total	**16(13-3)**

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
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
Scheme of Studies		
	Courses	8 x 3 = 24
	Thesis	6(0-6)
	Total	**30(0-30)**

MPhil Courses

Code	Course Title	C/Hr.
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 + Departmental Test with at least 70% marks.
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18C/Hr. Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
List of Courses		
BIOT-9101	Advances in Microbial Genetics	3(3-0)
BIOT-9102	Advances in Animal Biotechnology	3(3-0)
BIOT-9103	Advances in Immunology	3(3-0)
BIOT-9104	Frontiers in Molecular Biology (Journal Club)	3(3-0)
BIOT-9105	Advances in Genomics	3(3-0)
BIOT-9106	Advances in Proteomics	3(3-0)
BIOT-9107	Recent trends in Molecular Diagnostics	3(3-0)
BIOT-9108	Applications of Nano-biotechnology	3(3-0)
BIOT-9109	Modern Biotechnology: Principles & Applications	3(3-0)
BIOT-9110	Recent trends in Biochemical Engineering	3(3-0)
BIOT-9111	Metabolic Engineering and Biofuels	3(3-0)
BIOT-9112	Advances in Insect Molecular Biology and Viruses	3(3-0)
BIOT-9115	Advances in Environmental Biotechnology	3(3-0)
BIOT-9116	Advances in Plant Tissue Culture	3(3-0)
BIOT-9117	Advances in Biosensor Technologies	3(3-0)
BIOT-9118	Biotechnology of Nonrenewable Resources	3(3-0)
BIOT-9119	Advances in Pharmacogenomics	3(3-0)
BIOT-9120	Molecular Systematics	3(3-0)
BIOT-9121	Advances in Protein Chemistry	3(3-0)
BIOT-9122	Advances in Cell and Molecular Biology	3(3-0)
BIOT-9123	Advances in Fungal Biotechnology	3(3-0)

BIOT-9124	Advances in Microbiology	3(3-0)
BIOT-9125	Advances in animal cell Culture	3(3-0)
BIOT-9126	Advances in Molecular Genetics	3(3-0)
BIOT-9127	Genomics, Proteomics & Bioinformatics	3(3-0)
BIOT-9128	Advances in Plant Biotechnology	3(3-0)
BIOT-9129	Medical Biochemistry	3(3-0)
BIOT-9130	Cellular Signaling	3(3-0)
BIOT-9131	Advances in Health Biotechnology	3(3-0)
BIOT-9132	Advances in Vaccine Research	3(3-0)
BIOT-9133	Advances in Industrial Biotechnology	3(3-0)
BIOT-9134	Structural Biology	3(3-0)
BIOT-9135	Advanced Recombinant DNA Technology	3(3-0)
BIOT-9136	Advance Techniques in Molecular Biology	3(3-0)
BIOT-9137	Advances in Bioprocess Technology	3(3-0)
BIOT-9138	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.

DEPARTMENT OF
BOTANY

Dr Aamir Ali
Professor / Chairperson

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Professor

Dr. Zafar Iqbal Khan
Professor

Dr. Amin Ullah Shah
Assistant Professor

Dr. Abdul Ghani
Assistant Professor

Naima Huma Naveed
Assistant Professor

Dr. Qurat-ul-Ain
Assistant Professor

Dr. Hafiz Muhammad Waris
Assistant Professor

Muhammad Imran
Lecturer

Abdul Majid
Lecturer

Asma Ashfaq
Lecturer

Rameez Hussain
Lecturer

Sariat Rahim
Lecturer

BS Botany

Eligibility: At least 45% marks in Intermediate with Biology as an elective subject or Equivalent qualification. English compulsory of 200 is mandatory for candidates from FATA.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 154

Code	Course Title	C/Hr.
Semester-1		
BOTN-5101	Diversity of Plants	4(3-1)
ZOOL-5101	Animal Diversity-I (Invertebrates)	4(3-1)
CHEM-5101	Physical Chemistry	4(3-1)
URCE-5101	Grammar (English-I)	3(2-1)
URCP-5106	Pakistan Studies	2(2-0)
	Total 17(13-4)	
Semester-2		
BOTN-5102	Plant systematic, Anatomy & Development Embryology	4(3-1)
ZOOL-5102	Animal Diversity-II (Chordates)	4(3-1)
CHEM-5102	Inorganic Chemistry	4(3-1)
URCE-5102	Language Compr. & Presentation Skills (English-II)	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
URCC-5110	Citizenship Education and Community Engagement	0(0-0)
	Total 17(14-3)	
Semester-3		
BOTN-5103	Cell Biology, Genetics & Evolution	4(3-1)
ZOOL-5103	Animal Form and Function-I (A Comparative Perspective)	4(3-1)
CHEM-5103	Organic Chemistry	4(3-1)
URCE-5103	Academic Writing (English-III)	3(3-0)
URCI-5109	Introduction to Information & Comm. Technologies	3(3-0)
	Total 18(15-3)	

Code	Course Title	C/Hr.
Semester-4		
BOTN-5104	Plant Physiology & Ecology	4(3-1)
ZOOL-5104	Animal Form and Function-II	4(3-1)
CHEM-5104	Chemistry (Special Topics)	4(3-1)
BOTN-5105	Biodiversity and Conservation	3(2-1)
URCM-5101	Introduction to Mathematics	3(3-0)
	Total 18(14-4)	
Semester-5		
STAT-6134	Biostatistics	3(2-1)
BOTN-6107	Bacteriology and Virology	3(2-1)
BOTN-6108	Phycology & Bryology	3(2-1)
BOTN-6109	Mycology & Plant Pathology	3(2-1)
BOTN-6110	Diversity of Vascular Plants	3(2-1)
BOTN-6111	Plant Systematics	3(2-1)
	Total 18(12-6)	
Semester-6		
BOTN-6112	Plant Anatomy	3(2-1)
BOTN-6113	Genetics-I	3(2-1)
BOTN-6114	Plant Biochemistry-I	3(2-1)
BOTN-6115	Plant Ecology-I	3(2-1)
BOTN-6116	Plant Physiology-I	3(2-1)
BOTN-6117	Cell Biology	3(2-1)
	Total 18(12-6)	
Semester-7		
BOTN-6118	Molecular Biology	3(2-1)
BOTN-6119	Plant Biochemistry-II	3(2-1)
BOTN-6120	Plant Ecology-II	3(2-1)

Code	Course Title	C/Hr.
BOTN-xxxx	ELECTIVE-I /	3(2-1)
	Optional paper/Thesis/Internship/Research Project	
BOTN-6121	Research Methodology	2(2-0)
	Total	**14(10-4)**

Semester-8

Code	Course Title	C/Hr.
BOTN-6122	Genetics II	3(2-1)
BOTN-6123	Plant Physiology-II	3(2-1)
BOTN-6124	Environmental Biology	3(2-1)
BOTN-61xx	ELECTIVE-II/	3(2-1)
	Optional paper/Thesis/Internship/Research Project	
	Total	**12(8-4)**

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)

Code	Course Title	C/Hr.
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 + Departmental test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 154

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.

DEPARTMENT OF
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Dr. Muhammad Ilyas Assistant Professor	**Dr. Hussam Ali** Lecturer
Fahad Maqbool Assistant Professor	**Muhammad Zohaib** Lecturer
Dr. Qaiser Abbas Assistant Professor **(on leave)**	**Waseem Ahmed** Lecturer
Dr. Khalid Mehmood Aamir Assistant Professor	**Muhammad Fahad** Lecturer
Dr. Humaira Ijaz Assistant Professor	**Naveed Ahmad** Lecturer
Saud Bin Tahir Assistant Professor	**Iqra Khan** Lecturer
Azhar Mushtaq Assistant Professor	**Salman Ahmad Jajja** Lecturer
Bushra Jameel Lecturer	**Muhammad Ramzan Malik** Lecturer
Muhammad Iqbal Lecturer	**Sidra Batool** Lecturer
Dr. Faisal Shahzad Lecturer	**Nisar Ahmed** Lecturer
Muhammad Kaleem Lecturer (on leave)	**Farhana Sharif** Lecturer
Madiha Sarwar Lecturer	**Samreen Razzaq** Lecturer
Farooq Javed Lecturer	**Mudassar Ali Zaidi** Lecturer
Aamir Zia Lecturer	**Shafaan Khaliq Bhatti** Lecturer
Qaisra Ramzan Lecturer	

BS Computer Science

Eligibility: At least 50% marks in Intermediate (HSSC) examination with Mathematics, certified by IBCC   OR
At least 50% marks in Intermediate (HSSC) examination with Pre-Medical or equivalent qualification, certified by IBCC
Deficiency: Students with pre-medical, must have to pass deficiency courses of Mathematics of 06 credit hours in first two semester.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 154

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)

Pre-req.	Code	Course Title	C/Hr.
	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)

Pre-req.	Code	Course Title	C/Hr.
	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)	

BS Information Technology

Eligibility: At least 50% marks in Intermediate (HSSC) examination with Mathematics, certified by IBCC   OR
At least 50% marks in Intermediate (HSSC) examination with Pre-Medical or equivalent qualification, certified by IBCC
Deficiency: Students with pre-medical, must have to pass deficiency courses of Mathematics of 06 credit hours in first two semester.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 154

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(3-1)
	CMPC-205	Discrete Structures	3(3-0)
	ITSC-201	Professional Practices	3(3-0)

Pre-req.	Code	Course Title	C/Hr.
	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 Software Engineering

Eligibility: At least 50% marks in Intermediate (HSSC) examination with Mathematics, certified by IBCC   OR
At least 50% marks in Intermediate (HSSC) examination with Pre-Medical or equivalent qualification, certified by IBCC
Deficiency: Students with pre-medical, must have to pass deficiency courses of Mathematics of 06 credit hours in first two semester.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 154

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)

Column 1

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)	

Column 2

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 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
Fee Structure: See "Fee Structure" page No. 154

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)

Column 3

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)

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
Fee Structure: See "Fee Structure" page No. 154

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)

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
Fee Structure: See "Fee Structure" page No. 154

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)

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 + Departmental Test
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See page No. 158

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)

DEPARTMENT OF
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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

S.M. Talha Qadri
Lecturer (on leave)

Muhammad Mobeen Hashmi
Lecturer (on study leave)

Saeed Hassan
Lecturer

BS Geology

Eligibility: At least 45% marks in FSc(Pre-Engineering)/ FSc (Pre-Medical)/ ICS(Math, Physics, Computer Science), 2 seats for DAE in Mining
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 155

Code	Course Title	C/Hr.
Semester-1		
CHEM- 5101	Physical Chemistry	3(3-0)
URCE-5101	English-I (Grammar)	3(3-0)
GEOL-5101	Introduction to Geology	3(3-0)
URCM-5107	Mathematics-I	3(3-0)
PHYS- 5101	Mechanics-I	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
	Total 17(17-0)	
Semester-2		
CHEM-5102	Inorganic Chemistry	3(3-0)
URCE-5102	English II (Languages Comp. & Pres. Skills)	3(3-0)
GEOL-5102	Geomorphology	3(3-0)
URCM-5108	Mathematics-II	3(3-0)
PHYS-5103	Mechanics-II	3(3-0)
GEOL-5103	Geological Fieldwork-I	3(0-3)
	Total 18(15-3)	
Semester-3		
URCI-5109	Intro. to Information & Comm. Technologies	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
GEOL-5104	Introduction to Paleontology	3(2-1)

Code	Course Title	C/Hr.
GEOL-5105	Stratigraphy	3(2-1)
GEOL-5106	Geostatistics	3(2-1)
GEOL-5107	Mineralogy	3(2-1)
	Total 17(13-4)	
Semester-4		
URCE-5103	English III (Academic Writing)	3(3-0)
BUSB-5104	Introduction to Management	3(3-0)
GEOL-5108	Petrography	3(2-1)
GEOL-5109	Igneous Petrology	3(2-1)
GEOL-5110	Structural Geology	3(2-1)
GEOL-5111	Geological Fieldwork-II	3(0-3)
	Total 18(12-6)	
Semester-5		
GEOL-6112	Geotectonics	3(2-1)
GEOL-6113	Sedimentology	3(2-1)
GEOL-6114	Geophysics	3(2-1)
GEOL-6115	Field Geology	3(3-0)
GEOL-6116	Micropaleontology	3(2-1)
GEOL-6117	Introduction to GIS and RS	3(2-1)
	Total 18(13-5)	
Semester-6		
GEOL-6118	Sequence Stratigraphy	3(2-1)
GEOL-6119	Geochemistry	3(2-1)
GEOL-6120	Petroleum Geology	3(2-1)
GEOL-6121	Engineering Geology	3(2-1)
GEOL-6122	Metamorphic Petrology	3(2-1)
GEOL-6123	Geological Fieldwork III	3(0-3)
	Total 18(10-8)	

Semester-7

Code	Course Title	C/Hr.
GEOL-6124	Geology of Pakistan	3(3-0)
GEOL-6125	Economic Geology	3(2-1)
GEOL-6126	Environmental Geology	3(2-1)
GEOL-6127	Hydrogeology	3(2-1)
GEOL-61xx	Elective Course *	3(3-0)
GEOL-61xx	Elective Course *	3(3-0)
	Total 18(15-3)	

Semester-8

Code	Course Title	C/Hr.
GEOL-61xx	Elective Course *	3(3-0)
GEOL-61xx	Elective Course *	3(3-0)
GEOL-6133	Thesis	6(0-6)
	Total 12(6-6)	

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

BS Geography

Eligibility: At least 45% marks in Intermediate (FA, FSc Pre-Engineering, FSc Pre-Medical, ICS, I.Com, FA, DAE, "All Intermediate Degrees"
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 155

Code	Course Title	C/Hr.
Semester-1		
GEOG-5101	Fundamentals of Geography	3(3-0)
URCE- 5101	English-I (Grammar)	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
URCM-5107	Mathematics	3(3-0)
GEOL-5101	Introduction to Geology*	3(3-0)
ENVR-5101	Introduction to Environmental Sciences*	3(3-0)
	Total 17(17-0)	
Semester-2		
GEOG-5102	Physical Geography	3(3-0)
URCE-5102	English II (Languages Comp. & Pres. Skills)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
ULAW-5130	Introduction to Basic Law*	3(3-0)
ENVR-5104	Environmental Geology*	3(3-0)
INTR-5101	Introduction to International Relations*	3(3-0)
	Total 17(17-0)	
Semester-3		
GEOG-5103	Human Geography	3(3-0)
URCE-5103	English III (Academic Writing)	3(3-0)
GEOG-5104	Map Work	3(2-1)
URCS-5108	Introduction to Statistics	3(3-0)
SOCI-5101	General Sociology *	3(3-0)
URCI-5109	Introduction to Information and Comm. Tech.	3(3-0)
	Total 18(17-1)	
Semester-4		
GEOG-5105	History and Development of Geographic Thought	3(3-0)
GEOG-5106	Surveying	3(1-2)
URCE-5104	English IV (Introduction to English Literature)	3(3-0)
PSYC-5101	Introduction to Psychology *	3(3-0)
ECON-5101	Principles of Economics *	3(3-0)
	Total 15(13-2)	

Semester-5

Code	Course Title	C/Hr.
GEOG-6107	Regional Concepts	3(3-0)
GEOG-6108	Geomorphology	3(3-0)
GEOG-6109	Climatology	3(3-0)
GEOG-6110	Economic Geography	3(3-0)
GEOG-6111	Quantitative Methods Geography	3(3-0)
GEOG-6112	Principle of Cartography	3(1-2)
	Total 18(16-2)	

Semester-6

Code	Course Title	C/Hr.
GEOG-6113	Oceanography	3(3-0)
GEOG-6114	Remote Sensing	3(2-1)
GEOG-6115	Research Methods	3(3-0)
GEOG-6116	Population Geography	3(3-0)
GEOG-6117	Geographic Information System	3(2-1)
	Total 15(13-2)	

Semester-7

Code	Course Title	C/Hr.
GEOG-6118	Environmental Geography	3(3-0)
GEOG-6119	Urban Geography	3(3-0)
GEOG-6120	Digital Image Processing	3(2-1)
GEOG-61xx	Regional Geography***	3(3-0)
GEOG-61xx	Elective **	3(3-0)
	Total 15(14-1)	

Semester-8

Code	Course Title	C/Hr.
GEOG-6121	Geography of Pakistan	3(3-0)
GEOG-61xx	Elective**	3(3-0)
GEOG-61xx	Elective**	3(3-0)
GEOG-61xx	Field Survey****	6(0-6)
GEOG-6190	Thesis (in lieu of two papers options)	6(0-6)
	Total 15(9-6) / 15(3-12)	

* 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

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

MS Geology

Eligibility: MSc/BS geology or equivalent with 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
Fee Structure: See "Fee Structure" page No. 155

Code	Course Title	C/Hr.
Semester-1		

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

Code	Course Title	C/Hr.
GEOL-7101	Applied Mineralogy	3(3-0)
GEOL-7102	Metamorphic Petrology	3(3-0)
GEOL-7103	Clastic Sedimentology	3(3-0)
GEOL-7104	Tectonics	3(3-0)
GEOL-7105	Micropaleontology	3(3-0)
GEOL-7106	Structural Geology	3(3-0)
GEOL-7107	Seismology	3(3-0)
GEOL-7108	Hydrogeology	3(3-0)
GEOL-7109	Soil Mechanics	3(3-0)
GEOL-7110	Metallic Mineral Deposits	3(3-0)
GEOL-7111	Ore Geology, Mining and Processing	3(3-0)
GEOL-7112	Isotope Geology and Geochronology	3(3-0)
GEOL-7113	Geology of Pakistan	3(3-0)
GEOL-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	Geotehcnical 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	Sedmentary Petrology	3(3-0)

Semester-2

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

Code	Course Title	C/Hr.
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	Seuence Stratigrathy	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)**

DEPARTMENT OF
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Dr. Tahir Nazir	Lecturer
Saima Naheed	Lecturer
Dr. Muhammad Samraiz	Lecturer
Dr. Javeria Farooq	Lecturer
Asifa Ilyas	Lecturer
Bushra Batool	Lecturer
Dr. Uzma Ahmad	Lecturer
Rabia Iqbal	Lecturer
Ammara Nazar	Lecturer

BS Mathematics

Eligibility: At least 45% marks in intermediate [FSc with Mathematics, ICS with Math, FA with Math, A level, DAE (all)] and 50% marks in Math
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Merit: Basic criteria + marks of Mathematics in FSc/Equivalent + 20 marks of Hafiz-e-Quran (if applicable)
Fee Structure: See "Fee Structure" page No. 155

Code	Course Title	C/Hr.
Semester-1		
MATH-5101	Calculus-I	3(3-0)
MATH-5102	Elements of Set Theory and Mathematical Logic	3(3-0)
PHYS-5161	Physics-I	4(3-1)
URCE-5101	Grammar	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
URCI-5109	Intro. to Information & Communication Techn.	3(3-0)
URCI-xxxx	Translation Study of the Holy Quran-I	0(0-0)
	Total 18(17-1)	
Semester-2		
MATH-5103	Calculus-II	3(3-0)
MATH-5104	Statistics	3(3-0)
PHYS-5162	Physics-II	4(3-1)
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
MATH-5105	Programming Languages for Mathematics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	0(0-0)
	Total 18(17-1)	

Code	Course Title	C/Hr.
Semester-3		
MATH-5106	Calculus-III	3(3-0)
MATH-5107	Algebra-I	3(3-0)
PHYS-5163	Physics-III	4(3-1)
URCE-5103	Academic Writing	3(3-0)
MATH-5108	Probability Theory	3(3-0)
URCI-xxxx	Translation Study of the Holy Quran-II	0(0-0)
	Total 16(15-1)	
Semester-4		
MATH-5109	Vector Analysis and Mechanics	3(3-0)
MATH-5110	Linear Algebra	3(3-0)
PHYS-5164	Physics-IV	4(3-1)
MATH-5111	Discrete Mathematics	3(3-0)
ECON-5118	Mathematical Economics	3(3-0)
	Total 16(15-1)	
Semester-5		
MATH-6112	Topology	3(3-0)
MATH-6113	Differential Geometry	3(3-0)
MATH-6114	Ordinary Differential Equations	3(3-0)
MATH-6115	Real Analysis-I	3(3-0)
MATH-6116	Algebra-II	3(3-0)
URCI-xxxx	Translation Study of the Holy Quran-II	0(0-0)
	Total 15(15-0)	
Semester-6		
MATH-6117	Classic Mechanics	3(3-0)
MATH-6118	Mathematical Methods	3(3-0)
MATH-6119	Complex Analysis	3(3-0)
MATH-6120	Functional Analysis	3(3-0)

MATH-6121	Real Analysis-II	3(3-0)
	Total 15(15-0)	

Semester-7

MATH-6122	Numerical Analysis-I	3(3-0)
MATH-6123	Number Theory	3(3-0)
MATH-6124	Partial Differential Equations	3(3-0)
MATH-61xx	Elective-I	3(3-0)
MATH-61xx	Elective-II	3(3-0)
URCI-xxxx	Translation Study of the Holy Quran-IV	0(0-0)
	Total 15(15-0)	

Semester-8

MATH-6125	Numerical Analysis-II	3(3-0)
MATH-6126	Integral Equations	3(3-0)
MATH-61xx	Project / Course	3(3-0)
MATH-61xx	Elective-III	3(3-0)
MATH-61xx	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
Fee Structure: See "Fee Structure" page No. 155

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 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 155

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	

DEPARTMENT OF
PHYSICS

Dr Safdar Hussain
Professor / Chairperson

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FACULTY

Dr. Muhammad Anwar-ul-Haq
Associate Professor

Dr. M. Mazhar Ali Kalyar
Associate Professor

Dr. Safdar Nazir
Associate Professor

Imran Ashghar
Assistant Professor

Dr. Bilal Rasul
Assistant Professor

Dr. Muhammad Zahid Ishaque
Assistant Professor

Dr. Khalid Naseer
Assistant Professor

Dr. Farhat Iqbal
Lecturer

Asad Abbas Malik
Lecturer

Dr. Muhammad Zulfiqar
Lecturer

Muhammad Qasim
Lecturer

Ayesha Islam
Lecturer

Akhtar Rasool
Lecturer

M. Ashfaq
Lecturer

BS Physics

Eligibility: At least 45% marks in intermediate or equivalent with Physics and Mathematics.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 155

Code	Course Title	C/Hr.
Semester-1		
PHYS-5101	Mechanics-I	4(3-1)
PHYS-5102	Waves and Oscillations	3(3-0)
MATH-5120	Applications of Differentials	3(3-0)
URCE-5101	Grammar	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 15(14-1)	
Semester-2		
PHYS-5103	Mechanics-II	4(3-1)
PHYS-5104	Electricity and Magnetism-I	3(3-0)
MATH-5121	Techniques of Integration	3(3-0)
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
	Total 15(14-1)	
Semester-3		
PHYS-5105	Electricity and Magnetism-II	3(3-0)
PHYS-5106	Fundamentals of Quantum Mechanics	3(3-0)
PHYS-5107	Physics Lab-I	3(0-3)
MATH-5122	Calculus	3(3-0)
MATH-5123	Ordinary Differentials Equations	3(3-0)

Code	Course Title	C/Hr.
URCE-5103	Academic Writing	3(3-0)
	Total 18(18-0)	
Semester-4		
PHYS-5108	Basics of Electi. Nuclear Physics	3(3-0)
PHYS-5109	Theory of Thermodynamics	3(3-0)
PHYS-5110	Physics Lab-II	3(0-3)
MATH-5124	Vector and Tensors Analysis	3(3-0)
MATH-5125	Linear Algebra	3(3-0)
STAT-5125	Theory of Error Analysis	3(3-0)
	Total 18(15-3)	
Semester-5		
PHYS-6111	Methods of Mathematical Physics-I	3(3-0)
PHYS-6112	Classical Mechanics-I	3(3-0)
PHYS-6113	Electrodynamics-I	3(0-3)
PHYS-6114	Electronics	3(0-3)
PHYS-6115	Electronics Lab	3(0-3)
	Total 15(9-6)	
Semester-6		
PHYS-6116	Methods of Mathematical Physics-II	3(3-0)
PHYS-6117	Classical Mechanics-II	3(3-0)
PHYS-6118	Electrodynamics-II	3(3-0)
PHYS-6119	Quantum Mechanics-I	3(3-0)
PHYS-6120	Solid State Physics-I	3(3-0)
PHYS-6121	Modern Physics Lab	3(0-3)
	Total 18(15-3)	
Semester-7		
PHYS-6122	Statistical Mechanics	3(3-0)
PHYS-6123	Atomic and Molecular Physics	3(3-0)

Code	Course Title	C/Hr.
PHYS-6124	Plasma Physics	3(3-0)
PHYS-6125	Quantum Mechanics-II	3(3-0)
PHYS-6126	Solid State Physics-II	3(3-0)
PHYS-61xx	Optional Course[a]/Thesis[b]	3(3-0)
	Total 18(18-0)	

Semester-8

Code	Course Title	C/Hr.
PHYS-6127	Computational Physics	3(3-0)
PHYS-6128	Laser Physics	3(3-0)
PHYS-6129	Relativity and Cosmology	3(0-3)
PHYS-6130	Nuclear & Elementary Particle Physics	3(3-0)
PHYS-61xx	Optional Course[a]/Project+[c]	3(3-0)
	Total 18(15-3)	

Optional Courses[a]

Code	Course Title	C/Hr.
PHYS-6131	Advanced Electronics	3(3-0)
PHYS-6132	Physical and Geometrical Optics	3(3-0)
PHYS-6133	Physics of Nanotechnologies	3(0-3)
PHYS-6134	Methods of Experimental Physics	3(3-0)
PHYS-6135	Advanced Electronics LAB[d]	3(0-3)
PHYS-6136	Introduction to Quantum Computing	3(3-0)
PHYS-6137	Particle Physics	3(3-0)
PHYS-6138	Project+	3(0-3)

(a) Student may take two optional courses (optional course-I in semester VII and Optional course-II in Semester VIII) from courses offered at the department.

(b) A thesis of 06 Cr. Hrs can be opted if offered at the department.
(c) A Project of 03 Cr. Hrs can also be opted in the 8th semester .
(d) Advanced Electronics LAB can be opted only if Advanced Electronics is taken.

I experienced this university that not only awards the degree but also helps in developing bright future. My time at Sargodha University has been a wonderful experience for me in terms of education, learning, social support, and career counseling.
Muhammad Ali, MPhil Physics

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
Fee Structure: See "Fee Structure" page No. 155

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

Code	Course Title	C/Hr.
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+ subject based entry test (minimum 70% marks) + interview
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 155

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.

DEPARTMENT OF
STATISTICS

FACULTY

Noureen Akhtar
Assistant Professor

Dr. Muhammad Amin
Assistant Professor

Muhammad Zubair
Lecturer

Dr. Sadia Qamar
Lecturer

Dr Hafiz Zafar Nazir
Associate Professor / Chairperson

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BS Statistics

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICS, ICom, DCom, DAE, A-Level or equivalent.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 155

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	English-I	3(3-0)
URCI-5105	Islamic Studies/Ethics	2(2-0)
MATH-5125	Calculus-I	3(3-0)
xxxx-xxxx	General Course	3(3-0)
xxxx-xxxx	General Course	3(3-0)
STAT-5101	Introductory Statistics	3(3-0)
	Total 17(17-0)	
Semester-2		
URCE-5102	English-II	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
MATH-5126	Calculus-II	3(3-0)
xxxx-xxxx	General Course	3(3-0)
xxxx-xxxx	General Course	3(3-0)
STAT-5102	Introduction to Probability Distributions	3(3-0)
	Total 17(17-0)	
Semester-3		
URCE-5103	English-III	3(3-0)
STAT-5103	Computer Applications in Statistics	3(3-0)
xxxx-xxxx	General Course	3(3-0)

Code	Course Title	C/Hr.
xxxx-xxxx	General Course	3(3-0)
STAT-5104	Basic Statistical Inference	3(3-0)
	Total 15(15-0)	
Semester-4		
URCE-5104	English-IV	3(3-0)
xxxx-xxxx	General Course	3(3-0)
MATH- 5127	Linear Algebra	3(3-0)
STAT-5105	Introduction to Regr. Analysis & Exp. Design	3(3-0)
STAT-5106	Applied Statistics	3(3-0)
	Total 15(15-0)	
Semester-5		
STAT-6107	Statistical Packages	3(3-0)
STAT-6108	Regression Analysis	4(3-1)
STAT-6109	Probability & Probability Distributions-I	3(3-0)
STAT-6110	Sampling Techniques-I	4(3-1)
STAT-6111	Design & Analysis of Experiment-I	4(3-1)
	Total 18(15-3)	
Semester-6		
STAT-6112	Econometrices	4(3-1)
STAT-6113	Non-Parametric Methods	3(3-0)
STAT-6114	Probability & Probability Distributions-II	3(3-0)
STAT-6115	Sampling Techniques-II	4(3-1)
STAT-6116	Design & Analysis of Experiment-II	4(3-1)
	Total 18(15-3)	
Semester-7		
STAT-6117	Statistical Inference-I	3(3-0)
STAT-6118	Applied Multivariate Analysis	4(3-1)
STAT-6119	Research Methods / Internship	3(3-0)

STAT-61xx	Elective Course	3(3-0)
STAT-61xx	Elective Course	3(3-0)
		Total 16(15-1)
Semester-8		
STAT-6120	Population Studies	4(3-1)
STAT-6121	Statistical Inference-II	3(3-0)
STAT-61xx	Elective Course	3(3-0)
STAT-61xx	Elective Course	3(3-0)
STAT-6139	Project/Research Report	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
Fee Structure: See "Fee Structure" page No. 155

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)

It's never easy to say good bye where you have spent not only quality time but emotions and feelings as well. Time flies away like a rocket as it seems like it was yesterday when this journey started and now it is almost the start of a new journey to our professional life. Life at SU campus was full of learning and exploring. The teaching, choices of courses, lectures, assessment and opportunity to research in an area of interest, were all excellent. I have cherished my every moment from day first till now but I specially miss the golden days spent at Lincoln Corner as Friend of the Corner.

Hafiz Muhammad Umar, BS Statistics

DEPARTMENT OF
ZOOLOGY

Dr Muhammad Arshad
Professor / Chairperson

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FACULTY

Dr. Muhammad Khalid Mukhtar
Professor

Dr. Syed Kashif Nawaz
Associate Professor

Dr. Sajida Batool
Assistant Professor

Dr. Aima Iram Batool
Assistant Professor

Dr. Shafaat Yar Khan
Assistant Professor

Dr. Naunain Mehmood
Lecturer

Dr. Faiza Zubair
Lecturer

Dr. Naila Riaz
Lecturer

Dr. Iram Inayat
Lecturer

Dr. Muhammad Ali Kanwal
Lecturer

BS Zoology

Eligibility: At least 45% marks in FSc (Pre-medical) with Biology (at least 33% marks) or equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 155

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCM-5101	Introduction to Mathematics	3(3-0)
BOTN-5101	Diversity of Plants	4(3-1)
CHEM-5101	Physical Chemistry	4(3-1)
ZOOL-5101	Animal Diversity-I (Invertebrates)	4(3-1)
	Total 18(15-3)	
Semester-2		
UR5CE-5102	Language Comprehension & Presentations Skills	3(3-0)
URCI-5105	Islamic Studies/Ethics	2(2-0)
BOTN-5102	Plant Systematics, Anatomy and development/ Embryology	4(3-1)
CHEM-5102	Inorganic Chemistry	4(3-1)
ZOOL-5102	Animal Diversity-II (Chordates)	4(3-1)
	Total 17(14-3)	
Semester-3		
URCE- 5103	Academic Writing	3(3-0)
URCI-5109	Introduction to Info. And Communication Tech.	3(2-1)
BOTN-5103	Cell Biology, Genetics and Evolution	4(3-1)
CHEM-5103	Organic Chemistry	4(3-1)
ZOOL-5103	Animal Form & Function-I	4(3-1)
	Total 18(14-4)	

Code	Course Title	C/Hr.
Semester-4		
URCE-5104	Introduction to English Literature	3(3-0)
ZOOL-5104	Animal Form & Function-II	4(3-1)
SOCI-5101	General Sociology	3(3-0)
ZOOL-5105	Biological Techniques	3(1-2)
PSYC-5101	Introduction to Psychology	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
	Total 18(15-3)	
Semester-5		
ZOOL-6106	Research Methodology	2(2-0)
ZOOL-6107	Economic Zoology	3(2-1)
ZOOL-6108	Biochemistry	4(3-1)
ZOOL-6109	Cell and Molecular Biology	4(3-1)
ZOOL-6110	Evolution & Principles of Systematics	4(3-1)
	Total 17(13-4)	
Semester-6		
ZOOL-6111	Physiology	4(3-1)
ZOOL-6112	Ecology	3(2-1)
ZOOL-6113	Developmental Biology	4(3-1)
ZOOL-6114	Genetics	4(3-1)
ZOOL-6115	Wildlife	3(2-1)
	Total 18(13-5)	
Semester-7		
ZOOL-6XXX	Special Paper A1/ Thesis (Univ. Option)	3(2-1)/(0-3)
ZOOL-6116	Biostatistics/Univ. Option	3(2-1)
ZOOL-6XXX /	Special Paper A2/	
ZOOL-6130	Univ. Option= Ichthyology	3(2-1)
ZOOL-6XXX/	Univ. Option/	
ZOOL-6140	Principles & Kinetics Of Toxicology	3(2-1)

ZOOL-6117	Bioinformatics	3(1-2)
	Total 15(9-6)	

Semester-8

ZOOL-6118	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-6122	Univ. Option=Biotechnology	
ZOOL-6XXX	Univ. Option	3(2-1)
ZOOL-6119	Zoogeography & Paleantology	3(2-1)
	Total 15(11-4)	

MPhil Zoology

Eligibility: MSc/BS Zoology (16-years of education) with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 24 C/Hr. Course Work + 6 C/Hr. Thesis
Fee Structure: See "Fee Structure" page No. 155

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 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 155

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.

Management and the faculty of Sargodha University tried its best to provide us knowledge of our subject even in this global pandemic and indeed succeeded. We enjoyed studying here because the best time spent is in gaining essential knowledge, as lost time can never be recovered. Department of Zoology has achieved its goal of promoting a safe environment for us as well as the employees.
Nosheen Almas, BS Zoology

FACULTY OF
SOCIAL SCIENCES

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List of Departments/School

- Economics
- Education
- History and Pakistan Studies
- 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 and seven departments that offer undergraduate, graduate and postgraduate programs. With its 2500 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.

DEPARTMENT OF
ECONOMICS

Dr Masood Sarwar Awan
Professor / Chairperson

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FACULTY

Dr Rehmat Ullah Awan
Associate Professor

Dr Nisar Ahmad
Assistant Professor

Dr. Ahmad Raza Cheema
Assistant Professor

Dr. Mahmood-ul-Hasan
Assistant Professor

Dr. Muhammad Waqas
Assistant Professor

Dr. Jabbar Ul Haq
Assistant Professor

Dr. Shahzad Mushtaq
Assistant Professor

Falak Sher
Lecturer

Muhammad Nauman Malik
Lecturer (on leave)

Muhammad Nawaz
Lecturer (on leave)

Zahid Ullah Khan
Lecturer (on leave)

Bilal Ahmad
Lecturer

Zulfiqar Hussain
Lecturer

Faisal Nadeem Shah
Lecturer

BS Economics

Eligibility: At least 45% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Merit: Basic criteria + Additional 20 marks for those students who took Economics as an elective subject at Intermediate level + 20 marks of Hafiz-e-Quran (if applicable)
Fee Structure: See "Fee Structure" page No. 156

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
ECON-5101	Principles of Micro Economics	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
URCM-5107	Introduction to Mathematics-I	3(3-0)
ICTC-5201	Introduction to Info. and Communication Tech.	3(2-1)
SOCI-5101	General Sociology-I	3(3-0)
	Total 17(16-1)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
ECON-5102	Principles of Macro Economics	3(3-0)
URCM-5108	Mathematics-II	3(3-0)
ECON-5103	Principles of Accounting	3(3-0)
INTR-5101	Introduction to International Relations	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	
	Total 17(17-0)	
Semester-3		
URCE-5103	Academic Writing	3(3-0)
ECON-5104	Intermediate Micro Economics	3(3-0)
ECON-5105	Development Economics	3(3-0)
STAT-5122	Statistics for Economics-I	3(3-0)
ECON-5106	Principles of Marketing	3(3-0)
ECON-5107	Financial Management	3(3-0)
	Total 18(18-0)	
Semester-4		
URCE-5104	Introduction to English Literature	3(3-0)
ECON 5108	Intermediate Macro Economics	3(3-0)
STAT-5123	Statistics for Economics-II	3(3-0)
ECON-5109	Agriculture Economics	3(3-0)
ECON-5110	Political Economy	3(3-0)
ECON-5111	Managerial Economics	3(3-0)
	Total 18(18-0)	
Semester-5		
ECON-6112	Micro Economics	3(3-0)
ECON-6113	Econometrics I	3(3-0)
ECON-6114	Mathematical Economics I	3(3-0)
ECON-6115	Environmental economics	3(3-0)
ECON-6116	Energy Economics	3(3-0)
ECON-6117	Poverty and Income Distribution	3(3-0)
	Total 18(18-0)	
Semester-6		
ECON-6118	Macro Economics	3(3-0)
ECON-6119	Econometrics II	3(3-0)
ECON-6120	Mathematical Economics II	3(3-0)
ECON-6121	General equilibrium and Welfare Economics	3(3-0)
ECON-6122	Monetary Economics	3(3-0)
	Total 15(15-0)	

Semester-7

Code	Course Title	C/Hr.
ECON-6123	International Trade Theory	3(3-0)
ECON-6124	Research Methodology	3(3-0)
ECON-6125	Public Finance	3(3-0)
ECON-6126	History of Economics Thoughts	3(3-0)
ECON-6127	Project Appraisal and Investment Analysis	3(3-0)
	Total 15(15-0)	

Semester-8

Code	Course Title	C/Hr.
ECON-6128	Applied Economics	3(3-0)
ECON-6129	Islamic Economics	3(3-0)
ECON-6130	Issues of Pak Economy	3(3-0)
ECON-6131	Economics of Education	3(3-0)
	Total 12(12-0)	

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
Fee Structure: See "Fee Structure" page No. 156

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 + Departmental Test (at least 70 % marks).
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 156

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	(1-0)
ECON-8120	Special Problem	(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)

DEPARTMENT OF
EDUCATION

Dr. Riffat-un-Nisa
Associate Professor / Chairperson

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FACULTY

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

BS Education

Eligibility: At least 45% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 156

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	English-I	3(3-0)
EDUC-5101	Introduction to Education	3(3-0)
EDUC-5102	Instructional Methods	3(3-0)
EDUC-5103	Computer Applications	4(2-2)
URCP- 5106	Pakistan Studies	2(2-0)
Specialization: Any one of the following		
EDUC-5104	Fundamentals of Language & Linguistics	3(3-0)
EDUC-5105	History of Muslim Rule in South Asia	3(3-0)
EDUC-5106	Physics	3(3-0)
	Total 18(16-2)	
Semester-2		
URCE-5102	English-II	3(3-0)
URCM-5107	General Mathematics	3(3-0)
EDUC-5107	General Science	3(3-0)
EDUC-5108	Education in Pakistan	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
URCC-5110	Citizenship Education & Community Engagement (Non cr.hr)	
Specialization: Any one of the following		
EDUC-5109	Language Skill	3(3-0)
EDUC-5110	Geography	3(3-0)
EDUC-5111	Chemistry	3(3-0)
	Total 17(17-0)	

Code	Course Title	C/Hr.
Semester-3		
URCE- 5103	English-III	3(3-0)
EDUC-5112	Educational Technology and ICT	3(3-0)
EDUC-5113	Philosophy of Education	3(3-0)
EDUC-5114	Teaching of History and Geography	4(4-0)
EDUC-5115	Educational Psychology	3(3-0)
Specialization: Any one of the following		
EDUC-5116	Computer Assisted Language Learning	3(3-0)
EDUC-5117	Development Studies	3(3-0)
EDUC-5118	Biology	3(3-0)
	Total 19(19-0)	
Semester-4		
URCE-5104	English-IV	3(3-0)
EDUC-5119	Teaching of General Science	4(4-0)
EDUC-5120	Teaching of English Language	4(4-0)
EDUC-5121	Curriculum Development	3(3-0)
EDUC-5122	Comparative Education	3(3-0)
	Total 17(17-0)	
Semester-5		
EDUC-6123	Critical Thinking & Reflective Practices	3(3-0)
EDUC-6124	Teaching of Mathematics	4(4-0)
EDUC-6125	Teaching Practice-I	6(0-6)
Specialization: Any one of the following		
EDUC-6126	Second Language Acquisition	3(3-0)
EDUC-6127	Human Rights Education	3(3-0)
EDUC-6128	Computer Science	3(3-0)
	Total 16(10-6)	

Semester-6

Code	Course Title	C/Hr.
EDUC-6129	Economics and Financing of Education	3(3-0)
EDUC-6130	Guidance and Counseling	3(3-0)
EDUC-6131	Educational Assessment & Evaluation	3(3-0)
EDUC-6132	Sociology of Education	3(3-0)
EDUC-6133	Research Methods in Education	3(3-0)
EDUC-6134	Educational Planning and Management	3(3-0)
	Total 18(18-0)	

Semester-7

Code	Course Title	C/Hr.
EDUC-6135	Statistics and Data Analysis	3(3-0)
EDUC-6136	Inclusive Education	3(3-0)
EDUC-6137	Teaching Practice-II	9(0-9)
	Total 15(6-9)	

Semester-8

Code	Course Title	C/Hr.
EDUC-6138	Area-I: Organizational Behavior	3(3-0)
EDUC-6139	Area-I: Human Resource Management	3(3-0)
	OR	
EDUC-6140	Area-II: Qualitative Research Method in Education	3(3-0)
EDUC-6141	Area-II: Analysis of Interpretation of Data	3(3-0)
	AND	
EDUC-6142	Thesis	6(0-6)
	OR	
EDUC-6143	Term Paper	3(3-0)
EDUC-6144	Seminar on Trends and Issues in education	3(3-0)
	Total 12(6-6)	

BEd (Hons) Elementary

Eligibility: At least 45% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 156

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Functional English-I	3(3-0)
URCI-5105	Islamic Studies/Ethics	2(2-0)
EDUC-5201	Child Development	3(3-0)
EDUC-5202	Urdu/Regional Languages	3(3-0)
EDUC-5203	General Science	3(3-0)
EDUC-5204	Methods of Teaching	3(3-0)
	Total 17(17-0)	
Semester-2		
URCE-5102	English-II (Communication Skills)	3(3-0)
EDUC-5205	Computer Literacy (Compulsory)	3(3-0)
EDUC-5206	Classroom Management	3(3-0)
URCM-5107	General Mathematics	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
EDUC-5207	Methods of Teaching Islamic Studies	3(3-0)
URCC-5110	Citizenship Education and Community Engagement	NC
	Total 17(17-0)	
Semester-3		
EDUC-5208	Teaching Literary Skills	3(3-0)
EDUC-5209	Art, Crafts and Calligraphy	3(3-0)
EDUC-5210	Teaching of Urdu/Regional Languages	3(3-0)
EDUC-5211	Teaching of General Science	3(3-0)
EDUC-5212	Information and Communication Tech. in Edu.	2(2-0)
EDUC-5213	Teaching Practice (Short Term)	3(0-3)
	Total 17(14-3)	
Semester-4		
EDUC-5214	Classroom Assessment	3(3-0)
EDUC-5215	Teaching of English	3(3-0)
EDUC-5216	Teaching of Mathematics	3(3-0)
EDUC-5217	School, Community and Teacher	3(2-1)
EDUC-5218	Teaching of Social Studies	2(2-0)
EDUC-5219	Teaching Practice	3(0-3)
	Total 20(17-4)	
Semester-5		
URCE-5103	English-III (Technical Writing and Pres. Skills)	3(3-0)
EDUC-6220	Foundations of Education	3(3-0)
EDUC-6221	Content Course-I	3(3-0)
EDUC-6222	Content Course-I	3(3-0)
EDUC-6223	Curriculum Development	3(3-0)
EDUC-6224	Educational Psychology	3(3-0)
	Total 18(18-0)	
Semester-6		
EDUC-6225	Contemporary Issues and Trends in Education	3(3-0)
EDUC-6226	Content Course-II	2(2-0)
EDUC-6227	Content Course-II	3(3-0)
EDUC-6228	Comparative Education	3(3-0)
EDUC-6229	Introduction to Guidance & Counseling	3(3-0)
	Total 14(14-0)	
Semester-7		
EDUC-6230	Content Course-III	3(3-0)
EDUC-6231	Content Course-III	3(3-0)
EDUC-6232	Pedagogy-I	3(3-0)
EDUC-6233	Pegagogy-II	3(3-0)
EDUC-6234	Research Methods in Education	3(3-0)
EDUC-6235	Teaching Practice (Short Term)	3(0-3)
	Total 18(15-3)	
Semester-8		
EDUC-6236	School Management	3(3-0)
EDUC-6237	Test Development and Evaluation	3(3-0)
EDUC-6238	Teaching Practice (Long Term)	6(0-6)
EDUC-6239	Research Project	3(3-0)
	Total 15(9-6)	

BEd General (1.5 Year)

Eligibility: 16 years of Education (Academic Disciplines other than Education) with minimum Second Division
Duration: 1.5 Years
Semesters: 3
Degree Requirements: 54 credit hours
Fee Structure: See "Fee Structure" page No. 156

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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
EDUC-6409	Human Development and Learning	3(3-0)
EDUC-6410	Information and Communication Technology in Education	3(3-0)
EDUC-6411	Teaching Practice-I	6(0-6)
EDUC-6412	Teaching Practice-II	6(0-6)
	Total 18(6-12)	

BEd ELT (1.5 Year)

Eligibility: 16 years of Education; MA / BS in English in minimum second division (in annual system) or minimum CGPA 2.00 (in semester system)
Duration: 1.5 Years
Semesters: 3
Degree Requirements: 54 credit hours
Fee Structure: See "Fee Structure" page No. 156

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

Code	Course Title	C/Hr.
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	12(0-12)
	Total 18(6-12)	

BEd Science (1.5 Year)

Eligibility: 16 years of Education (Academic Disciplines other than Education) with minimum second division.
Duration: 1.5 Years
Semesters: 3
Degree Requirements: 54 credit hours
Fee Structure: See "Fee Structure" page No. 156

Code	Course Title	C/Hr.
Semester-1		
EDUC-6501	Foundations of Science Education	3(3-0)
EDUC-6502	Curriculum Development is Science Education	3(3-0)
EDUC-6503	Assessment in Science Education	3(3-0)
EDUC-6504	Leadership in Science Education	3(3-0)
EDUC-6505	Research Methods in Science Education	3(3-0)
EDUC-6506	Educational Psychology	3(3-0)
	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)
	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
Fee Structure: See "Fee Structure" page No. 156

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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
EDUC-7118	MPhil Thesis (in the area of specialization (for those having minimum CGPA of 2.50 out of 4.00)	6(0-6)

PhD Education

Eligibility: MPhil/MS Education or equivalent in the relevant field from HEC recognized institution with at least CGPA 3.00 out of 4.00 + Departmental test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 156

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	

My experience at Department of Education is just wonderful. Teachers I found here are kind and hardworking. They not only helped us in studies but also taught us how to be a good person. Here I have learned, experience, enjoyed every moment and got myself groomed as a person and professional. Seminars we attend in the Department nurture our thinking. Department's adoration towards students' learning is incredible. I will not be shy to say that indeed it is the best Department that has made me a confident student.
Ayesha Ashraf,
BS Education

DEPARTMENT OF
HISTORY AND PAKISTAN STUDIES

Dr. Muhammad Abrar Zahoor
Assistant Professor / Incharge

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FACULTY

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Assistant Professor

Dr. Muhammad Pervaiz
Lecturer

Aqal Wazir
Lecturer

Saima Parveen
Lecturer (on leave)

Ghazala Hayar
Senior Research Officer

BS History

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICom, ICS, DAE) or Equivalent qualification.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 156

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
URCI-5109	Intro. to Information and Communication Tech.	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
HIST-5101	Historiography	3(3-0)
POLS-5101	Introduction to Political Science	3(3-0)
	Total 17(17-0)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
INTR-5101	Introduction to International Relations	3(3-0)
HIST-5102	Philosophy of History	3(3-0)
HIST- 5103	Muslim History I (Pre-Prophet [PBUH] to the Pious Caliphate)	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
SOCI-5101	General Sociology	3(3-0)
	Total 17(17-0)	
Semester-3		
URCE- 5103	Academic Writing	3(3-0)
HIST-5104	History of Europe I (1453-1789)	3(3-0)
ECON-5112	Introduction to Economics	3(3-0)
HIST-5105	Research Methodology	3(3-0)
HIST-5106	Muslim History II (Ummyyads & Abbasids)	3(3-0)
HIST-5107	Ancient Indian History	3(3-0)
	Total 18(18-0)	
Semester-4		
URCE- 5104	Introduction to English Literature	3(3-0)
STAT-5121	Introduction to Statistics	3(3-0)
HIST-5108	History of Europe II (1789-1919)	3(3-0)
HIST-5109	Preliminaries of Persian	3(3-0)
HIST-5110	History of Muslim Rule in Spain (751-1491 AD)	3(3-0)
	Total 15(15-0)	
Semester-5		
HIST-6111	History of Knowledge	3(3-0)
HIST-6112	Muslim Rule in South Asia (711-1526)	3(3-0)
HIST-6113	History of the Great Mughals (1526-1707)	3(3-0)
HIST-6114	History of Ottoman Empire (1288-1924)	3(3-0)
HIST-6115	History of Central Asia	3(3-0)
	Total 15(15-0)	
Semester-6		
HIST-6116	History of the Later Moghals & British India (1707-1857)	3(3-0)
HIST-6117	History of Muslim Nationalism in Indian (1858-1947)	3(3-0)
HIST-6118	History of the Punjab	3(3-0)
HIST-6119	History of Civilization	3(3-0)
HIST-6120	History of Muslim Culture & Civilization	3(3-0)
	Total 15(15-0)	

Semester-7

HIST-6121	Everyday Science	3(3-0)
HIST-6122	Government & Politics in Pakistan (1947-2008)	3(3-0)
HIST-6123	Foreign Policy of Pakistan	3(3-0)
HIST-6124	British History I (1688-1850)	3(3-0)
HIST-6125	Current Affairs	3(3-0)
	Total 15(15-0)	

Semester-8

HIST-6126	Contemporary Muslim World	3(3-0)
HIST-6127	British History II (1850-2016)	3(3-0)
HIST-6128	History of USA	3(3-0)
HIST-6129	Pakistan Affairs	3(3-0)
HIST-6130	Thesis (in lieu of two optional courses)	6(0-6) / 6(6-0)
URCC-5110	Citizenship Education & Community Engagement	
	Total 18(12-6) / 18(18-0)	

List of Optional Courses

HIST-6131	History of Knowledge	3(3-0)
HIST-6132	History of Muslim Contribution to Science	3(3-0)
HIST-6133	History of Central Asia	3(3-0)
HIST-6134	History of Muslim Rule in Spain	3(3-0)
HIST-6135	Muslim Political Thought and Institutions	3(3-0)
HIST-6136	Heritage of Pakistan	3(3-0)

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
Fee Structure: See "Fee Structure" page No. 156

Code	Course Title	C/Hr.
Semester-1		
HIST-7101	Research Methodology	3(3-0)
HIST-7102	Social and Cultural History of Muslim India (1206-1707)	3(3-0)
HIST-7103	Historiography	3(3-0)
HIST-7104	Political Parties in Pakistan	3(3-0)
HIST-7105	Survey of History: The Ancient World and Middle Ages	3(3-0)
Semester-2		
HIST-7106	Philosophy of History	3(3-0)
HIST-7107	History of Modern Europe (1789-1945)	3(3-0)
HIST-7108	A Study of Historical Movements of 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	Survey of History: The Renaissance and Modern World	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		
Students have to submit a research thesis at the end of fourth semester according to the rules of University of Sargodha and HEC		6(0-6)
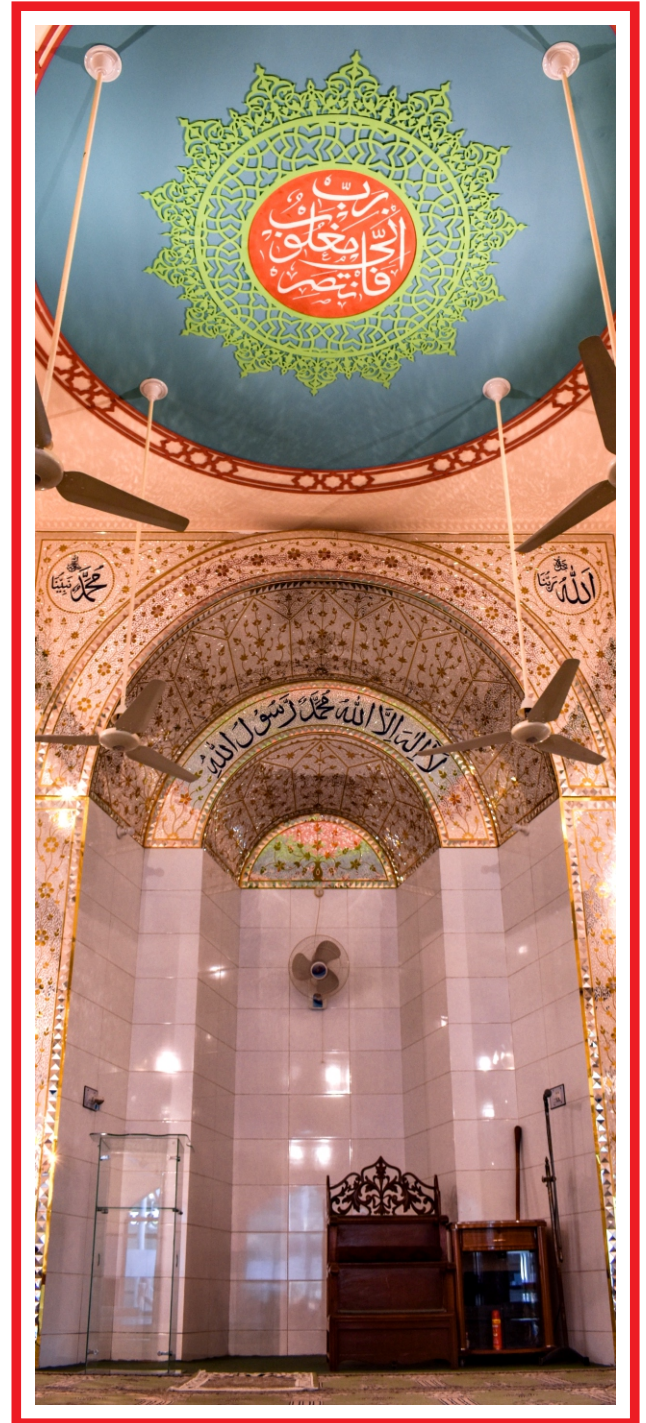
MALIK FEROZ KHAN NOON BUSINESS SCHOOL

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Dr. Hammad Hassan Mirza Assistant Professor	**Dr. Shahid Rasheed** Lecturer	**Salma Mukhtar** Lecturer
Dr. Haroon Hussain Assistant Professor	**Waqar Ahmed** Lecturer	**Salman Hussain** Lecturer
K. Zaman Khan Assistant Professor	**Aasir Ali** Lecturer	**Hassan Umar** Lecturer
Ahmed Saeed Assistant Professor	**Muhammad Zubair Tariq** Lecturer	**Sardar Asim Naseer** Lecturer
Rafiullah Bilal Assistant Professor	**Fahad Najeeb** Lecturer	**Ahsan Javaid** Lecturer
Madiha Riaz Assistant Professor	**Nimra Zia** Lecturer	**Sara Azhar** AP (on leave)
Dr. Naseer Abbas Khan Assistant Professor	**Muhammad Saqib Nawaz** Lecturer	**Assad Abbas** Lecturer (on leave)
Abdul Qayyum Assistant Professor	**Ali Nawaz** Lecturer	**Sadia Shoukat** Lecturer (on leave)
Dr. Ghulam Sarwar Assistant Professor	**Dr. Muhammad Haroon Rasheed** Lecturer	
Kashif Ammar Lecturer	**Humaira Nadeem** Lecturer	
Faheem Athar Haqqani Lecturer	**Abid Bin Shakir** Lecturer	
Shahid Mahmood Lecturer	**Babar Hameed** Lecturer	
Dr. Yasmeen Akhtar Lecturer	**Muhammad Ali Mufti** Lecturer	
Mehwish Rafique Lecturer	**Sundus Shahnawaz** Lecturer	
Zahid Ali Akbar Lecturer	**Shahzad Hassan** Lecturer	
Muhammad Moin Qadir Lecturer	**Javeria Islam** Lecturer	

BBA

Eligibility: At least 45% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 135 credit hours+internship viva voce
Fee Structure: See "Fee Structure" page No. 156

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
BUSB-5101	Introduction to Business	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(3-0)
BUSB-5102	Introduction to Book-keeping & Accounting	3(3-0)
URCI-5101	Islamic Studies	3(3-0)
PSYC 5101	Introduction to Psychology	3(3-0)
	Total 18(18-0)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
BUSB-5103	Financial Accounting	3(3-0)
URCM-5101	Introduction to Mathematics	3(3-0)
URCP-5106	Pakistan Studies	3(3-0)
BUSB-5104	Introduction to Management	3(3-0)
ECON-5113	Microeconomics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	0(0-0)
	Total 18(18-0)	
Semester-3		
BUSB-5105	Contemporary World	3(3-0)
SOCI-5101	General Sociology-I	3(3-0)
ECON-5114	Macro Economics	3(3-0)

Code	Course Title	C/Hr.
BUSB-5106	Advanced Accounting & Auditing	3(3-0)
BUSB-5107	Introduction to HRM	3(3-0)
BUSB-5108	Business Taxation	3(3-0)
	Total 18(18-0)	
Semester-4		
SOCI-5101	Sociological Theory	3(3-0)
BUSB-5109	Oral Communication & Presentation	3(3-0)
STAT-5127	Business Statistics	3(3-0)
BUSB-5110	Money Banking and Credit	3(3-0)
ECON-5115	Pakistan Economics	3(3-0)
BUSB-5111	Cost & Management Accounting	3(3-0)
	Total 18(18-0)	
Semester-5		
BUSB-6112	Business Communication	3(3-0)
ECON-6101	Managerial Economics	3(3-0)
BUSB-6113	Logic	3(3-0)
BUSB-6114	Financial Management	3(3-0)
BUSB-6115	Business Law	3(3-0)
BUSB-6116	Principles of Marketing	3(3-0)
	Total 18(18-0)	
Semester-6		
BUSB-6117	Business Inferential Analysis	3(3-0)
BUSB-6118	Organizational Behavior	3(3-0)
BUSB-6119	E-Commerce and Marketing	3(3-0)
BUSB-6120	Management Information System	3(3-0)
BUSB-6121	Marketing Management	3(3-0)
	Total 15(15-0)	

Internship of 6-8 weeks (summer)

Semester-7

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-8

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	**15(15-0)**

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
Fee Structure: See "Fee Structure" page No. 156

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)**

6 weeks internship

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 Banking and Finance

Eligibility: At least 45% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 135 credit hours + internship viva voce
Fee Structure: See "Fee Structure" page No. 156

Code	Course Title	C/Hr.
Semester-1		
URCE 5101	English I (Grammar)	3(3-0)
BUSB-5201	Introduction to Business	3(3-0)
URCI-5109	Intro. to Information & Communication Tech.	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 Compre. & Pres. Skills)	3(3-0)
BUSB-5202	Introduction to Book-keeping & Accounting	3(3-0)

BUSB-5212	Business Ethics and CSR	3(3-0)
URCP-5106	Pakistan Studies	3(3-0)
ECON-5113	Microeconomics	3(3-0)
BUSB-5213	Business Communication & Report Writing	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	0(0-0)
	Total	**18(18-0)**

Semester-3		
BUSB-5203	Financial Accounting	3(3-0)
BUSB-5204	Introduction to Management	3(3-0)
ECON-5114	Macro Economics	3(3-0)
BUSB-5210	Money Banking and Credit	3(3-0)
BUSB-5214	Technical Writing & Presentation	3(3-0)
BUSB-5215	Intro. to Financial System & Banking Regulations	3(3-0)
	Total	**18(18-0)**

Semester-4		
BUSB-5216	Advanced Accounting	3(3-0)
BUSB-5217	Interpersonal Skills at Work	3(3-0)
STAT-5127	Business Statistics	3(3-0)
BUSB-5218	Legal Foundation of Corporate Business	3(3-0)
ECON-5115	Pakistan Economics	3(3-0)
BUSB-5219	Logical Thinking	3(3-0)
	Total	**18(18-0)**

Semester-5		
BUSB-6259	Managerial Accounting	3(3-0)
BUSB-6260	Human Resource Management	3(3-0)
BUSB-6214	Financial Management	3(3-0)
BUSB-6217	Business Inferential Analysis	3(3-0)
BUSB-6218	Organizational Behavior	3(3-0)
BUSB-6261	Auditing	3(3-0)
	Total	**18(18-0)**

Semester-6		
BUSB-6262	Fundamentals of Marketing	3(3-0)
BUSB-6222	Business Research & Report Writing	3(3-0)
BUSB-6224	Entrepreneurship & SME Management	3(3-0)
BUSB-6263	Business Tax Management	3(3-0)
BUSB-6264	Branch Banking	3(3-0)
	Total	**15(15-0)**

Semester-7		
BUSB-6239	Corporate Finance	3(3-0)
BUSB-6242	Investment Analysis and Portfolio Management	3(3-0)

Code	Course Title	C/Hr.
BUSB-6240	International Financial Management	3(3-0)
BUSB-6265	Micro Finance	3(3-0)
BUSB-6266	Digital Banking Operations	3(3-0)
	Total 15(15-0)	

Semester-8

Code	Course Title	C/Hr.
BUSB-6267	Corporate Governance in Pakistan	3(3-0)
BUSB-6268	Information Technology in Financial Services	3(3-0)
BUSB-6236	Financial Statement Analysis	3(3-0)
BUSB-6269	Credit Management	3(3-0)
BUSB-6270	Banking Risk Management	3(3-0)
	Total 15(15-0)	

BS Commerce

Eligibility: At least 45% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 135 credit hours + internship viva voce
Fee Structure: See "Fee Structure" page No. 156

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	Intro. to Info. & 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 Compr. & Pres. 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 & Community Engagement	0(0-0)
	Total 18(18-0)	
Semester-3		
BUSC-5103	Financial Accounting	3(3-0)
BUSC-5104	Introduction to Management	3(3-0)

Code	Course Title	C/Hr.
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(18-0)	
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	3(3-0)
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 15(15-0)	
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)

Code	Course Title	C/Hr.
BUSC-6196	Risk Management	3(3-0)
	Total 15(15-0)	

Executive MBA (Weekend Program)

Eligibility: At least 45 % marks in BS/MA/MSc (16 years of education) or equivalent. 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
Fee Structure: See "Fee Structure" page No. 156

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.

Code	Course Title	C/Hr.
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)

Semester-4

Code	Course Title	C/Hr.
BUSM XXXX	Elective VIII 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 45% 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-7102	Advanced Organizational Behavior	3(3-0)
BUSM-7103	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-2		
BUSM-7104	Project Management	3 (3-0)
BUSM-7105	Supply Chain Management	3 (3-0)
BUSM-71xx	Specialization - III	3 (3-0)
BUSM-71xx	Specialization - IV	3 (3-0)
	Total 12(12-0)	
Semester-3		
BUSM-7106	Strategic HR Leadership	3 (3-0)
BUSM-7107	Seminar in Business Management	3 (3-0)
BUSM-7108	Internship report and Viva Voce (10-12 week)	3 (0-3)
	Total 9(6-3)	

MS Management Sciences

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
Fee Structure: See "Fee Structure" page No. 156

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

Eligibility: At least 3.00 CGPA in terminal degree (18 year of
education) + Departmental Test (at least 70% marks) + Interview
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 156

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	

DEPARTMENT OF
POLITICS AND INTERNATIONAL RELATIONS

Dr Asia Saif Alvi
Assistant Professor / Incharge

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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

Aamir Bashir
Lecturer

Amir Nadeem (on deputation)
Lecturer

BS Political Science

Eligibility: At least 50% marks in Intermediate or equivalent + Departmental Test (USAT) (at least 50% marks)
Merit Determination: 70% weightage to intermediate or equivalent 30% weightage to USAT Departmental Test
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 157

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCP-5106	Pakistan Studies	3(3-0)
URCM-5101	Introduction to Mathematics	3(3-0)
POLS-5101	Introduction to Political Science	3(3-0)
POLS-5112	Introduction to Developmental Studies	3(3-0)
EVSC-5101	Introduction to Everyday Science	3(3-0)
	Total	**18(18-0)**
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies/Ethics	3(3-0)
URCS-5108	Introduction to Statistics	3(3-0)
POLS-5113	Constitutional Development in Pakistan	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(3-0)
POLS-5107	Introduction to International Relations	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	
	Total	**18(18-0)**
Semester-3		
URCE-5103	Academic Writing	3(3-0)
POLS-5103	Political System	3(3-0)
POLS-5114	Introduction to Public Policy	3(3-0)
ULAW-5105	Introduction to Law	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
	Total	**15(15-0)**
Semester-4		
URCE-5104	Introduction to English Literature	3(3-0)
POLS-5111	Introduction to Public Administration	3(3-0)
HIST-5101	Historiography	3(3-0)
POLS-5102	Democracy: Theory and Practice	3(3-0)
POLS-5108	Introduction to Political Theory	3(3-0)
	Total	**15(15-0)**
Semester-5		
POLS-6113	Research Methodology	3(3-0)
POLS-6109	Western Political Thought	3(3-0)
POLS-6110	Muslim Political Thought	3(3-0)
POLS-6120	Pakistan Movement	3(3-0)
POLS-6135	Comparative Pol. Systems of Developed Nations	3(3-0)
	Total	**15(15-0)**
Semester-6		
POLS-6111	Comparative Politics	3(3-0)
POLS-6114	Political Economy	3(3-0)
POLS-6141	Theories of International Relations	3(3-0)
POLS-6161	Theories of Ethnicity and Nationalism	3(3-0)
POLS-6153	Politics of South Asia	3(3-0)
	Total	**15(15-0)**
Semester-7		
POLS-6115	Government and Politics of Pakistan	3(3-0)

Code	Course Title	C/Hr.
POLS-6116	Foreign Policy of Pakistan	3(3-0)
POLS-6128	Democracy and Authoritarianism	3(3-0)
POLS-6138	Gender and Politics	3(3-0)
POLS-6145	International Law	3(3-0)
	Total	**15(15-0)**

Semester-8

POLS-6117	Federalism in Pakistan	3(3-0)
POLS-6121	Local Government in Pakistan	3(3-0)
POLS-6148	International Organizations	3(3-0)
POLS-6154	International Politics of Middle East	3(3-0)
POLS-6167	Graduate Viva/Research Report	3(3-0)
	Total	**15(15-0)**

BS International Relations

Eligibility: At least 50% marks in Intermediate or equivalent + Departmental Test (USAT) (at least 50% marks)
Merit Determination: 70% weightage to intermediate or equivalent
30% weightage to USAT Departmental Test
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 157

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3-0)
URCP-5106	Pakistan Studies	3(3-0)
URCM-5101	Introduction to Mathematics	3(3-0)
INTR-5101	Introduction to International Relations	3(3-0)
POLS-5101	Introduction to Political Science	3(3-0)
EVSC-5101	Introduction to Everyday Science	3(3-0)
	Total	**18(18-0)**
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies/Ethics	3(3-0)
URCS-5108	Introduction to Statistics	3(3-0)
HIST-5101	Historiography	3(3-0)
INTR-5104	International Relations Since 1648-1945	3(3-0)
PSYC-5101	Introduction to Psychology (Minor)	3(3-0)
URCC-5110	Citizenship Education and Community Engagement	0(0-0)
	Total	**18(18-0)**

Semester-3

URCE-5103	Academic Writing	3(3-0)
INTR-5102	Theories of International Relations	3(3-0)
ECOM-5101	Introduction to Economics	3(3-0)
GEOG-5101	Fundamentals of Geography	3(3-0)
SOCI-5101	General Sociology	3(3-0)
INTR-5106	International Relations Since 1945	3(3-0)
	Total	**18(18-0)**

Semester-4

URCE-5104	Introduction to English Literature	3(3-0)
MCOM-5101	Intro. to Conventional & Digital Communication	3(3-0)
INTR-5103	International Political Economy	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(3-0)
INTR-5105	Foreign Policy Analysis	3(3-0)
INTR-5107	Research Methodology	3(3-0)
	Total	**18(18-0)**

Semester-5

INTR-6107	Law-I	3(3-0)
INTR-6110	Diplomacy	3(3-0)
INTR-6118	Comparative Politics	3(3-0)
INTR-6114	Foreign Policy of Pakistan	3(3-0)
INTR-6115	Defence & Strategic Studies	3(3-0)
	Total	**15(15-0)**

Semester-6

INTR-6113	Political Geography	3(3-0)
INTR-6116	Conflict Resolution	3(3-0)
INTR-6117	Foreign Policy of US	3(3-0)
INTR-6122	Democracy Theory & Practice	3(3-0)
INTR-6134	Non-Traditional Sources of Conflict	3(3-0)
	Total	**15(15-0)**

Semester-7

INTR-6120	International Politics of South Asia	3(3-0)
INTR-6136	Seminar Course	3(3-0)
INTR-6123	Gender & International Politics	3(3-0)
INTR-6131	Arms Control & Disarmament	3(3-0)
INTR-6111	Politics of Middle East	3(3-0)
	Total	**15(15-0)**

Semester-8

INTR-6108	International Organization	3(3-0)
INTR-6112	Pakistan-China Relations	3(3-0)
INTR-6128	Area Focused: South East Asia	3(3-0)
INTR-6121	Government & Politics of Pakistan	3(3-0)
INTR-6132	Research Report	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
Fee Structure: See "Fee Structure" page No. 157

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
Fee Structure: See "Fee Structure" page No. 157

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 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 157

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	
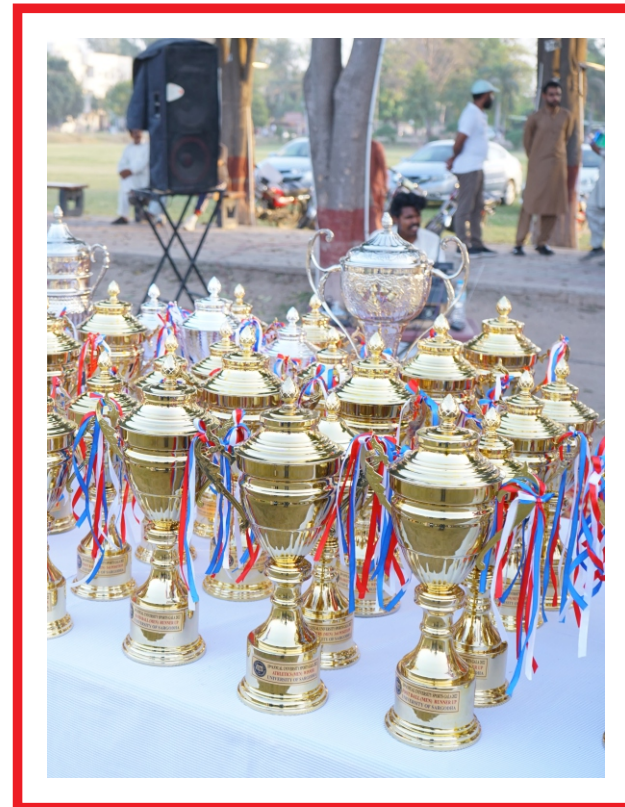
DEPARTMENT OF
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Dr. Sultan Shujah
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Lecturer

Dr. Aneeza Bashir
Lecturer

Dr. Sadia Niazi
Lecturer

Dr. Irsa Fatima Makhdoom
Lecturer

Anam Yousaf
Lecturer

Dr. Anam Khan
Lecturer

Rakhshanda Rashid
Lecturer

BS Psychology

Eligibility: At least 45% marks in intermediate or equivalent (equivalence certificate is must) with Psychology as an elective subject or FSc (Pre-medical/Pre-Engineering/ICS)
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 157

Code	Course Title	C/Hr.
Semester-1		
URCE- 5101	Grammar	3(3-0)
PSYC-5101	Introduction to Psychology	4(4-0)
URCP-5106	Pakistan Studies	3(3-0)
URCM-5107	Mathematics	3(3-0)
URCI-5109	Intro. to Information and Communication Tech.	3(3-0)
	Total 16(16-0)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
PSYC-5102	History and Systems of Psychology	4(4-0)
URCI-5105	Islamic Studies	3(3-0)
URCS-5108	Introduction to Statistics	3(3-0)
PSYC-5103	Everyday Science	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	3(1-2)
	Total 16(16-0)	
Semester-3		
URCE-5103	Academic Writing	3(3-0)
PSYC-5104	Sports Psychology	3(3-0)
PSYC-5105	Experimental Psychology	3(3-0)
ZOOL-6141	Introduction to Biology-I	3(3-0)

Code	Course Title	C/Hr.
BUSB-5104	Introduction to Management	3(3-0)
	Total 15(15-0)	
Semester-4		
URCE-5104	Introduction to English Literature	3(3-0)
PSYC-5106	Social Psychology	3(3-0)
PSYC-5107	Educational Psychology	3(3-0)
ZOOL-6142	Introduction to Biology-II	3(3-0)
ULAW-5130	Introduction to Basic Law	3(3-0)
	Total 15(15-0)	
Semester-5		
PSYC-6108	Introduction to Research Methodology	3(3-0)
PSYC-6109	Cross Cultural Psychology	3(3-0)
PSYC-6110	Computer Applications in Psychology	3(3-0)
PSYC-6111	Principles of Psychological Assessment	3(3-0)
PSYC-6112	Fundamental Statistics in Psychology	3(3-0)
PSYC-6113	Historical Perspectives in Abnormal Psychology	3(3-0)
	Total 18(18-0)	
Semester-6		
PSYC-6114	Advance Research Methodology	3(3-0)
PSYC-6115	Neurological Basis of Behavior	3(3-0)
PSYC-6116	Applications of Statistics in Psychology	3(3-0)
PSYC-6117	Applications of Psychological Assessment	3(3-0)
PSYC-6118	Personality Psychology	3(3-0)
PSYC-6119	Psychopathology	3(3-0)
	Total 18(18-0)	
Semester-7		
PSYC-6120	Clinical Psychology	3(3-0)
PSYC-6121	Neurological Dysfunctions	3(3-0)

Code	Course Title	C/Hr.
PSYC-6122	Health Psychology	3(3-0)
PSYC-6123	Developmental Psychology	3(3-0)
PSYC-6124	Gender Issues in Psychology	3(3-0)
PSYC-6125	Project (with PSYC-6125 b) (Compulsory)	3(3-0)
	Total 18(18-0)	

Semester-8

Code	Course Title	C/Hr.
PSYC-6126	Counseling Psychology	3(3-0)
PSYC-6127	Cognitive Psychology	3(3-0)
PSYC-6128	Psychology of Advertising & Marketing Research OR	3(3-0)
PSYC-6125(b)	Project (with PSYC-6125a) (Compulsory)	3(3-0)
PSYC-61xx	One Elective 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
Fee Structure: See "Fee Structure" page No. 157

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	4(4-0)
	Total 14(14-0)	

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
Fee Structure: See "Fee Structure" page No. 157

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.

Code	Course Title	C/Hr.
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.

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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
Fee Structure: See "Fee Structure" page No. 157

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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
PSYC-7211	Thesis	6(0-6)

PhD Psychology

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	

DEPARTMENT OF
SOCIAL WORK

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Dr. Mumtaz Ali
Assistant Professor

Dr. Maliha Gull Tarar
Assistant Professor

Dr. Aaqib Shahzad Alvi
Lecturer

Rana Imran Ahmed
Lecturer

Asiya Anwar
Lecturer

Tauqir Amir
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Zeeshan Munawar
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BS Social Work

Eligibility: At least 45% marks in Intermediate [FA, FSc, ICS, I.Com, A-Level, DCom, Associate Diploma (Technical Colleges)] or equivalent.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3+0)
URCP-5106	Pakistan Studies	2(2+0)
URCI-5109	Intro. to Infor. & Communication Technologies	3(3+0)
SOWK-5101	Introduction to Social Work & Social Welfare	3(3+0)
SOWK-51xx	General-I	3(3+0)
SOWK-51xx	General-II	3(3+0)
	Total 17(17-0)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3+0)
URCI-5105	Islamic Studies	2(2+0)
URCM-5101	Introduction to Mathematics	3(3+0)
SOWK-5104	The Practice of Social Work-I	3(3+0)
SOWK-51xx	General-III (From list of General Courses)	3(3+0)
SOWK-51xx	General-IV (From list of General Courses)	3(3+0)
URCC-5110	Citizenship Edu. & Communication Engagement	Non./Cr.
	Total 17(17-0)	
Semester-3		
URCE-5103	Academic Writing	3(3+0)
URCS-5108	Introduction to Statistics	3(3+0)
SOWK-5107	The Practice of Social Work-II	3(3+0)
SOWK-5108	Human Rights for Social Work Practice	3(3+0)
SOWK-51xx	General-V	3(3+0)
SOWK-51xx	General-VI	3(3+0)
	Total 18(18-0)	
Semester-4		
URCE-5104	Introduction to English Literature	3(3+0)
SOWK-5111	The Practice of Social Work-III	3(3+0)
SOWK-5112	Social Development	3(3+0)
SOxx	General-VII	3(3+0)
Soxx	General-VIII	3(3+0)
	Total 15(15-0)	
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-6118	Social Problems	3(3+0)
	Total 15(15-0)	
Semester-6		
SOWK-6119	Social Group Work	3(3+0)
SOWK-6120	Theories of Social Work- II	3(3+0)
SOWK-6121	Social Policy	3(3+0)
SOWK-6122	NGO Management	3(3+0)
SOWK-6123	Field Work & Report Writing- I	6(0+6)
	Total 18(12-6)	
Semester-7		
SOWK-6124	Research in Social Work	3(3+0)
SOWK-6125	Social Action	3(3+0)
SOWK-6126	Social Welfare Administration	3(3+0)
SOWK-6127	Field Work & Report Writing- II	6(0+6)
SOWK-61xx	Optional Course-I (any one from list A)	3(3+0)
	Total 15(15-0)	

Semester-8

SOWK-6128	Statistics and Data Analysis in Social Work	3(3+0)
SOWK-6129	Laws for Social Work in Pakistan	3(3+0)
SOWK-6130	Human Resource Development in Social Work	3(3+0)
SOWK-6131	Research Thesis	6(6+0)
SOWK-61xx	Optional Course-II (any one from list B)	3(3+0)
	Total 15(15-0)	

Note: Optional courses will be offered according to the available resources

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
Fee Structure: See "Fee Structure" page No. 157

Code	Course Title	C/Hr.
Major Courses		
SOWK-7101	Philosophy of Social Science	3(3-0)
SOWK-7102	Social Work Treatment: Interlocking	3(3-0)
SOWK-7103	Theoretical Approaches	3(3-0)
SOWK-7104	Social Work Practice with Groups	3(3-0)
SOWK-7105	Dynamics of Organizations and Communities	3(3-0)
SOWK-7106	Social Development and Social Policy	3(3-0)
SOWK-7107	Forensic Social Work	3(3-0)
SOWK-7108	Feminist Social Work Practice	3(3-0)
SOWK-7109	Social Justice and Social Work	3(3-0)
SOWK-7110	Research Methods for Social Work	3(3-0)
SOWK-7111		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 Social Work:	3(3-0)
	Towards Rights Based Practice	
SOWK-7118	Social Welfare in a Postwelfare Era	3(3-0)

SOWK-7119	Mental Health and Social Work	3(3-0)
SOWK-7120	The Government of Life: Foucault, Bio politics, and Neoliberalism	3(3-0)
SOWK-7121	Thesis/Dissertation (Semester 3 & 4)	6(0-6)

DEPARTMENT OF
SOCIOLOGY AND CRIMINOLOGY

Dr. Mian Ghulam Yasin
Professor / Chairperson

Contact
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📍

FACULTY

Dr. Yasir Nawaz Manj
Associate Professor

Dr. Farah Naz
Assistant Professor

Shahzad Khaver Mushtaq
Assistant Professor

Asma Yunus
Assistant Professor

Tauqeer Ahmad
Lecturer

Dr. Umair Ahmad
Lecturer

Asad Umair
Lecturer

Saima Manzoor
Lecturer

Muhammad Mohsin
Lecturer

Muhammad Zain-ul-Abidin
Lecturer

Zarqa Azhar
Lecturer

BS Sociology

Eligibility: At least 45% marks in Intermediate (FA, FSc, ICS, I.Com, DAE, A-Level, D.Com) or equivalent.
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 157

Code	Course Title	C/Hr.
Semester-1		
SOCI-5101	General Sociology-I	3(3-0)
URCE-5101	Grammar	3(3-0)
URCI-5109	Intro. to Information & Communication Tech.	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
xxxx-xxxx	General-I	3(3-0)
xxxx-xxxx	General-II	3(3-0)
	Total 17(17-0)	
Semester-2		
SOCI-5102	General Sociology-II	3(3-0)
URCE-5102	Language Comprehension & Presentation Skills	3(3-0)
SOCI-5103	Development of Social Thought	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
URCC-5110	Citizenship Education & Community Engagement	3(1-2)
xxxx-xxxx	General-III	3(3-0)
xxxx-xxxx	General-IV	3(3-0)
	Total 17(17-0)	
Semester-3		
SOCI-5104	Sociological Theory-I	3(3-0)
URCE-5103	Academic Writing	3(3-0)
URCM-5107	Mathematics	3(3-0)

Code	Course Title	C/Hr.
xxxxx-xxxx	General-V	3(3-0)
xxxxx-xxxx	General-VI	3(3-0)
	Total 15(15-0)	
Semester-4		
URCE-5104	Introduction to English Literature	3(3-0)
SOCI-5105	Sociological Theory-II	3(3-0)
SOCI-5106	Research Methods-I	3(3-0)
SOCI-5107	Pakistani Society & Culture	3(3-0)
xxxxx-xxxx	General-VII	3(3-0)
xxxxx-xxxx	General-VIII	3(3-0)
	Total 18(18-0)	
Semester-5		
SOCI-6108	Gender Studies	3(3-0)
SOCI-6109	Social Statistics-I	3(3-0)
SOCI-6110	Research Methods-II	3(3-0)
SOCI-6111	Introduction to Demography	3(3-0)
SOCI-6112	Criminology	3(3-0)
SOCI-6113	Cultural Anthropology	3(3-0)
	Total 18(18-0)	
Semester-6		
SOCI-6114	Sociology of Development	3(3-0)
SOCI-6115	NGO Management	3(3-0)
SOCI-6116	Sociology of Change	3(3-0)
SOCI-6117	Community Development	3(3-0)
SOCI-6118	Social Statistics - II	3(3-0)
SOCI-6119	Sociology of Health and Medicine	3(3-0)
	Total 18(18-0)	

Semester-7

SOCI-6120	Sociology of Peace & Conflict Studies	3(3-0)
SOCI-6121	Urban Sociology	3(3-0)
SOCI-6122	Introduction to SPSS	3(3-0)
SOCI-61xx	Optional-I	3(3-0)
SOCI-61xx	Optional-II	3(3-0)
	Total 15(15-0)	

Semester-8

SOCI-6123	Qualitative Research Methods	3(3-0)
SOCI-6124	Thesis	6(0-6)
SOCI-6125	Internship	3(3-0)
SOCI-61xx	Optional-III	3(3-0)
SOCI-61xx	Optional-IV	3(3-0)
	Total 18(12-6)	

Optional Courses for BS Sociology

SOCI-6126	Sociology of Globalization	3(3-0)
SOCI-6127	Industrial Sociology	3(3-0)
SOCI-6128	Sociology of Religion	3(3-0)
SOCI-6129	Sociology of Family and Marriage	3(3-0)
SOCI-6130	Sociology of Education	3(3-0)
SOCI-6131	Political Sociology	3(3-0)
SOCI-6132	Local Government Systems and Rural Development in Pakistan	3(3-0)
SOCI-6133	Rural Sociology	3(3-0)
SOCI-6134	Corporate Social Responsibility	3(3-0)
SOCI-6135	Sociology of Human Rights	3(3-0)
SOCI-6136	Sociology Policy & Governance	3(3-0)
SOCI-6137	Sociology of Aging	3(3-0)
SOCI-6138	Logic and Critical Thinking	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
Fee Structure: See "Fee Structure" page No. 157

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)
SOCI-7110	Criminology	
SOCI-7111	Human Resource Development OR	3(3-0)
SOCI-7112	Sociology of Human Rights	3(3-0)
SOCI-7113	Sociology of Peace & Conflict Resolution	3(3-0)
Semester-3-4		
SOCI-7114	Thesis	3(0-3)

PhD Sociology

Eligibility: MS/MPhil in Sociology or Rural Sociology with at least 3.00 CGPA out of 4.00 + Departmental Test (at least 70% marks)
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 157

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	

Rules and Regulations

- **Breakup of Enrollment**

- **Fee Structure**

- **Admission Regulations**
  (applicable to Undergraduate and Graduate Programs)

- **Admission Regulations**
  (applicable to Post-Graduate Programs)

- **Regulations (Discipline, Welfare & Code of Honour)**

- **Semester Regulations
  Undergraduate & Graduate**
  (Not applicable to Faculty of Medical & Health Sciences)

- **Semester Regulations
  Post-Graduate**

- **Admission Regulations - Annual System**   (Undergraduate and Graduate)
  (applicable to Faculty of Medical & Health Sciences)

- **Examination Regulations (Annual System)**   (Undergraduate and Graduate)
  (applicable to Faculty of Medical & Health Sciences)

Note: All the Rules and Regulations of University of Sargodha are subject to change / withdrawal / amendment without prior notice.

Breakup of Enrolment (Main Campus & Constituent Colleges)

	Regular	Self Support (Replica)	Children/ Spouses of UOS Regular Employees Serving or Deceased (interconvertible) Teaching	Non-Teaching	UOS Regular Employees (interconvertible) Teaching	Non-Teaching	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	Total
Faculty of Agriculture																					
College of Agriculture																					
- BSc (Hons) Agriculture	150	245	3	3	0	0	2	11	2	2	1	1	0	3	1	1	1	4	0	0	430
Department of Agricultural Extension																					
- MSc (Hons) Agricultural Extension	0	25	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	29
- PhD Agricultural Extension	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Department of Agronomy																					
- MSc (Hons) Agronomy	0	30	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	34
- PhD Agronomy	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Department of Animal Sciences																					
- BSc (Hons) Animal Sciences	40	0	3	3	0	0	2	2	2	2	1	1	0	3	1	1	1	1	0	0	63
- MSc (Hons) Animal Nutrition	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
Department of Entomology																					
- MSc (Hons) Entomology	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Entomology	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Horticulture																					
- MSc (Hons) Horticulture	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Horticulture	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Plant Breeding and Genetics																					
- MSc (Hons) Plant Breeding and Genetics	0	39	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	43
- PhD Plant Breeding and Genetics	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Department of Plant Pathology																					
- MSc (Hons) Plant Pathology	0	30	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	34
- PhD Plant Pathology	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Department of Soil and Environmental Sciences																					
- MSc (Hons) Soil Science	0	16	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	20
- PhD Soil Science	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15

Note: Following seats are reserved in addition to the above mentioned seats, to be filled by Committees (separate for each category) to be appointed by the Vice-Chancellor for the purposes:
1. Total 10 seats are reserved for students having distinction in Co-curricular activities in Faculty of Arts & Humanities and Faculty of Social Sciences only (not more than one in any department)
2. Total 04 seats are reserved 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 05 seats are reserved for the candidates having E-gaming skills in all programs where sports quota is applicable (not more than one in any department).
Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

	Regular	Self Support (Replica)	Children/Spouses of UOS Regular Employees Serving or Deceased (interconvertible) Teaching	Non-Teaching	UOS Regular Employees (Interconvertible) Teaching	Non-Teaching	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 Kashmiries of IHK displaced after 1989	Students from Other Provinces (one for each province)	Religious Minorities Candidates	Overseas Pakistani (valid NICOP of applicant or parents or legal guardian is compulsory)	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Total
Institute of Food Science and Nutrition																					
- BSc (Hons) Home Economics	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- BSc (Hons) Human Nutrition and Dietetics	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- BSc (Hons) Food Science & Technology	40	100	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	161
- MSc (Hons) Food Science and Technology	0	23	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	27
- MSc (Hons) Food and Nutrition	0	12	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	16
- PhD Food Science and Technology	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
- PhD Food and Nutrition	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Faculty of Arts and Humanities																					
College of Law																					
- LL.B (Hons) 5-years	150	0	6	6	0	0	4	0	2	4	2	2	2	6	2	2	2	0	10	0	200
- Diploma in Banking Law (PGDBL)	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- Diploma in Corporate Law and Practices (PGDCLP)	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- Diploma in Environmental Law (PGDEL)	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- Diploma in Forensic Sci. & Related Laws (PGDFSC)	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- Diploma in Taxation Laws (PGDTL)	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
- Diploma in Labour Law (PGDLL)	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- Diploma in Intellectual Property Law (PGDIPL)	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- Diploma in International Trade (WTO) Law & EEU (Eurasian Economic Union) (PGDITLE)	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- LL.M	0	26	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	30
Institute of Art and Design																					
- BS Fine Arts	35	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	55
- BS Interior Design	35	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	55
- Bachelors in Graphic Design	35	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	55
- Bachelors in Textile Design	35	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	55
- Diploma in Painting	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
- Diploma in Fashion Design	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
- Diploma in Interior Design	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
- Certificate in Photography/ Videography	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
- Certificate in Graphic Design	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60

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- Certificate in Drawing	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
- Certificate in Paining	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
- Certificate in Calligraphy	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
- Certificate in Fashion Design	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
- Certificate in Textile Design	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Department of Communication and Media Studies																					
- BS Mass Communication	40	100	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	161
- BS Communication and Media Studies (Digital and Social Media)	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- BS Mass Communication (Strategic Communication)	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- BS Mass Communication (Theatre, Film and Television)	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- MPhil Communication and Media Studies	0	20	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
- MPhil Communication and Media Studies (Professional Track)	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
Department of English																					
- BS English	40	120	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	181
- MPhil English	0	43	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	47
- PhD English	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Information Management																					
- BS Information Management	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Information Management	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Information Management	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Islamic Studies																					
- BS Islamic Studies	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Islamic Studies	0	35	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	39
- PhD Islamic Studies	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Arabic Language and Literature																					
- BS Arabic	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Arabic	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Arabic	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10

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Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

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Department of Sports Sciences																					
- BS Physical Education	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	5	0	0	114
Department of Urdu Language and Literature																					
- BS Urdu	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Urdu	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Urdu	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Persian Language and Literature																					
- BS Persian	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Persian	0	10	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	14
Department of Punjabi Language, Literature and Culture																					
- BS Punjabi	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111

FACULTY OF ENGINEERING AND TECHNOLOGY

	Regular	Self Support	Teaching	Non-Teaching	Teaching	Non-Teaching	Martyrs	Diploma	Foreign	Tribal	FANA/GB	Disabled	IHK	Other Prov	Minorities	Overseas	Armed	Sports	Advocates	Pharmacists	Total
College of Engineering and Technology																					
Department of Electrical Engineering																					
- BSc Electrical Engineering	32	0	3	3	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	40
Department of Mechanical Engineering																					
- BSc Mechanical Engineering	32	0	3	3	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	40
- MSc Mechanical Engineering	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
Department of Engineering Technology																					
- BS Civil Engineering Technology	42	40	3	3	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	90
- BS Electrical Engineering Technology	32	30	3	3	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	70
- BS Mechanical Engineering Technology	32	30	3	3	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	70

FACULTY OF MEDICAL AND HEALTH SCIENCES

	Regular	Self Support	Teaching	Non-Teaching	Teaching	Non-Teaching	Martyrs	Diploma	Foreign	Tribal	FANA/GB	Disabled	IHK	Other Prov	Minorities	Overseas	Armed	Sports	Advocates	Pharmacists	Total
Department of Allied Health Sciences																					
- DPT	50	50	3	3	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	110
- BS AHS (pathology Lab Sciences) 4-year	50	50	3	3	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	110

FACULTY OF PHARMACY

	Regular	Self Support	Teaching	Non-Teaching	Teaching	Non-Teaching	Martyrs	Diploma	Foreign	Tribal	FANA/GB	Disabled	IHK	Other Prov	Minorities	Overseas	Armed	Sports	Advocates	Pharmacists	Total
College of Pharmacy																					
- PharmD	30	60	3	3	0	0	2	0	10	2	1	1	0	3	1	1	1	0	0	2	120
- MPhil Pharmacy Practice	0	10	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	14
- MPhil Pharmacology	0	16	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	20
- MPhil Pharmaceutics	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24

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Note: Seats reserved for Foreign and Overseas candidates are interconvertible.

	Regular	Self Support (Replica)	Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible) Teaching	Non-Teaching	UOS Regular Employees (Interconvertible) Teaching	Non-Teaching	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 IHK Kashmiries 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	Total
- PhD Pharmacology	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
- PhD Pharmaceutics	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10

FACULTY OF SCIENCES

Institute of Chemistry

	Regular	Self Support	T	NT	T	NT	Martyrs	Diploma	Foreign	Tribal	FANA/GB	Disabled	IHK	Provinces	Minorities	Overseas	Armed	Sports	Advocates	Pharmacists	Total
- BS Chemistry	50	120	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	191
- MPhil Analytical / Inorganic	0	40	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	44
- MPhil Biochemistry	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- MPhil Organic Chemistry	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- MPhil Physical Chemistry	0	15	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	19
- PhD Chemistry	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15

Department of Biotechnology

	Regular	Self Support	T	NT	T	NT	Martyrs	Diploma	Foreign	Tribal	FANA/GB	Disabled	IHK	Provinces	Minorities	Overseas	Armed	Sports	Advocates	Pharmacists	Total
- BS Biotechnology	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Biotechnology	0	34	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	38
- PhD Biotechnology	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11

Department of Botany

	Regular	Self Support	T	NT	T	NT	Martyrs	Diploma	Foreign	Tribal	FANA/GB	Disabled	IHK	Provinces	Minorities	Overseas	Armed	Sports	Advocates	Pharmacists	Total
- BS Botany	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Botany	0	35	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	39
- PhD Botany	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10

Department of Computer Science and IT

	Regular	Self Support	T	NT	T	NT	Martyrs	Diploma	Foreign	Tribal	FANA/GB	Disabled	IHK	Provinces	Minorities	Overseas	Armed	Sports	Advocates	Pharmacists	Total
- BS Computer Science	40	100	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	161
- BS Information Technology	40	100	3	3	0	0	2	5	1	2	1	1	0	3	1	1	1	2	0	0	166
- BS Software Engineering	40	100	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	161
- MS Computer Science	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- MS Information Technology	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- MS Software Engineering	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Computer Science	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10

Department of Earth Sciences

	Regular	Self Support	T	NT	T	NT	Martyrs	Diploma	Foreign	Tribal	FANA/GB	Disabled	IHK	Provinces	Minorities	Overseas	Armed	Sports	Advocates	Pharmacists	Total
- BS Geology	40	0	3	3	0	0	2	2	1	2	1	0	0	3	1	1	1	2	0	0	62
- BS Geography	40	0	3	3	0	0	2	0	1	2	1	0	0	3	1	1	1	2	0	0	60
- MS Geology	0	15	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18

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Department of Mathematics																					
- BS Mathematics	50	120	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	191
- MPhil Mathematics	0	55	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	59
- PhD Mathematics	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Department of Physics																					
- BS Physics	40	100	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	161
- MPhil Physics	0	30	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	34
- PhD Physics	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Statistics																					
- BS Statistics	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Statistics	0	21	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	25
Department of Zoology																					
- BS Zoology	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Zoology	0	35	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	39
- PhD Zoology	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
FACULTY OF SOCIAL SCIENCES																					
Department of Economics																					
- BS Economics	40	150	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	211
- MPhil Economics	0	25	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	29
- PhD Economics	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Education																					
- BS Education	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	60
- B.Ed (Hons.) Elementary	40	0	3	3	0	0	2	0	1	0	1	1	0	3	1	1	1	1	0	0	58
- B.Ed (1.5 year) General	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	110
- B.Ed (1.5 year) ELT	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	60
- B.Ed (1.5 year) Science Education	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	60
- MPhil Education	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Education	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10

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			Teaching	Non-Teaching	Teaching	Non-Teaching															
Department of History and Pakistan Studies																					
- BS History	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil History	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
Noon Business School																					
- BBA (4-year)	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- BBA (after 14 years of education) bridging program	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- BS Banking and Finance	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- BS Commerce	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- Executive MBA	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
- MBA	40	40	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	84
- MS Management Sciences	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Management Sciences	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Politics and International Relations																					
- BS International Relations	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- BS Political Science	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Political Science	0	15	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	19
- MPhil International Relations	0	15	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	19
- PhD Political Science	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Department of Psychology																					
- BS Psychology	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- ADCP	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
- MPhil Psychology	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- MS Industrial Organizational Psychology	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Psychology	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Social Work																					
- BS Social Work	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Social Work	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
Department of Sociology and Criminology																					
- BS Sociology	40	100	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	161
- MPhil Sociology	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Sociology	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10

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Fee Structure (Except Faculty of Medical and Health Sciences)

Details	To be paid	College of Agriculture				Institute of Food Science and Nutrition				College of Law			Institute of Art and Design			Communication and Media Studies			English			
		PhD	MSc(Hons)	All Bsc (Hons)		PhD	MS/MPhil	All BSc (Hons.)		LL.M	Dip.	LL.B	BS	Dip.	Cert.	MPhil	All BS		PhD	MPhil	BS	
		SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	Reg*	SS**	SS**	SS*	Reg*	SS**	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	9000	3000	1500	3000	9000	3000	1500	3000	3000	3000	1500	1500	3000	1500	3000	1500	3000	9000	3000	1500	3000
Tuition Fee	Per Semester	22715	22715	11220	19030	22715	22715	14685	17600	22715	17600	9790	12485	18315	11000	22715	9790	12485	22715	22715	9790	12485
Bus Card Fee	Per Semester	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	0	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	0	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	2000	0	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	0	100	100	100	100	100	100	100
Medical Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	0	50	50	50	50	50	50	50
Red Crescent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	0	50	50	50	50	50	50	50
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Science Breakage	Per Semester	1000	1000	700	700	1000	1000	700	700	0	0	0	700	700	0	0	0	0	0	0	0	0
Sports Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	0	200	200	200	200	200	200	200
Computer Fund	Per Semester	250	250	250	250	250	250	250	250	250	250	250	250	250	0	250	250	250	250	250	250	250
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	0	100	100	100	100	100	100	100
Utility Charges	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Examination Fee	Per Semester	2000	2000	1500	1500	2000	2000	1500	1500	2000	2000	1500	1500	1500	1500	2000	1500	1500	2000	2000	1500	1500
Benevolent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	0	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	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	2000	2000	2000	0	0	0	0	0	0	0
Maintenance Charnges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I) ****		47015	41015	25220	34530	47015	41015	28685	33100	40015	34900	23090	29485	36815	23250	40015	23090	27285	46015	40015	23090	27285
Total (Semester-II & onwards)		30515	30515	18220	26030	30515	30515	21685	24600	29515	24400	16090	22485	28315	0	29515	16090	18785	29515	29515	16090	18785

*   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.

Details	To be paid	Information Management PhD SS**	MPhil SS**	BS Reg*	BS SS**	Islamic and Arabic Studies PhD SS**	MPhil SS**	All BS Reg*	All BS SS**	Sports Sciences BS Reg*	BS SS**	Urdu and Oriental Languages PhD SS**	MPhil SS**	All BS Reg*	All BS SS**	College of Engineering and Technology MSc SS**	All BSc Engi. Reg*	All BS Engi. Tech. Reg*	SS*
Admission Fee	Once Only	9000	3000	1500	3000	9000	3000	1500	3000	1500	3000	9000	3000	1500	3000	3000	1500	1500	2500
Tuition Fee	Per Semester	22715	22715	9790	12485	18315	18315	8415	11715	9790	13200	18315	18315	8415	11715	37290	34980	24558	56430
Bus Card Fee	Per Semester	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Masjid Fund	Per Semester	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
Library Security (Refundable)	Once Only	4000	4000	2000	2000	4000	4000	2000	2000	2000	2000	4000	4000	2000	2000	4000	4000	4000	4000
Welfare Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Medical Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Red Crescent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Science Breakage	Per Semester	0	0	0	0	0	0	0	0	700	700	0	0	0	0	1500	1000	1000	1000
Sports Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Computer Fund	Per Semester	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
Utility Charges	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Examination Fee	Per Semester	2000	2000	1500	1500	2000	2000	1500	1500	1500	1500	2000	2000	1500	1500	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
Development Charges	Per Semester	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
Maintenance Charnges	Per Semester	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	10000	5000	5000	5000
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I) *****		46015	40015	23090	27285	41615	35615	21715	26515	23790	28700	41615	35615	21715	26515	66090	56780	46358	79230
Total (Semester-II & onwards)		29515	29515	16090	18785	25115	25115	14715	18015	16790	20200	25115	25115	14715	18015	55590	47780	37358	69230

*   Reg (Regular)
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**** 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.

Details	To be paid	College of Pharmacy				Institute of Chemistry				Biotechnology				Botany				Computer Science and Information Technology			
		PhD	MPhil	PharmD		PhD	MPhil	BS		PhD	MPhil	BS		PhD	MPhil	BS		PhD	All MS	All BS	
		SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	9000	3000	1500	3000	9000	3000	1500	3000	9000	3000	1500	3000	9000	3000	1500	3000	9000	3000	1500	3000
Tuition Fee	Per Semester	22715	22715	32258	54120	22715	22715	9790	15400	41030	41030	9790	15400	22715	22715	9790	15400	37345	37345	9790	29315
Bus Card Fee	Per Semester	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Masjid Fund	Per Semester	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
Library Security (Refundable)	Once Only	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Medical Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Red Crescent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Science Breakage	Per Semester	1000	1000	1000	1000	1000	1000	700	700	1000	1000	700	700	1000	1000	700	700	50	50	50	50
Sports Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Computer Fund	Per Semester	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	1000	1000	1000	1000
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Examination Fee	Per Semester	2000	2000	1500	1500	2000	2000	1500	1500	2000	2000	1500	1500	2000	2000	1500	1500	2000	2000	1500	1500
Benevolent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Development Charges	Per Semester	10930	10930	2500	2500	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 Charnges	Per Semester	0	0	1000	1000	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) ****		**57945**	**51945**	**50058**	**73420**	**47015**	**41015**	**23790**	**30900**	**65330**	**59330**	**23790**	**30900**	**47015**	**41015**	**23790**	**30900**	**61445**	**55445**	**23890**	**44915**
Total (Semester-II & onwards)		**41445**	**41445**	**43058**	**64920**	**30515**	**30515**	**16790**	**22400**	**48830**	**48830**	**16790**	**22400**	**30515**	**30515**	**16790**	**22400**	**44945**	**44945**	**16890**	**36415**

*   Reg (Regular)
**   SS (Self Support)
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**** 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.

Details	To be paid	Earth Science MS SS**	Earth Science All BS Reg*	Mathematics PhD SS**	Mathematics MPhil SS**	Mathematics BS Reg*	Mathematics BS SS**	Physics PhD SS**	Physics MPhil SS**	Physics BS Reg*	Physics BS SS**	Statistics MPhil SS**	Statistics BS Reg*	Statistics BS SS**	Zoology PhD SS**	Zoology MPhil SS**	Zoology BS Reg*	Zoology BS SS**
Admission Fee	Once Only	3000	1500	9000	3000	1500	3000	9000	3000	1500	3000	3000	1500	3000	9000	3000	1500	3000
Tuition Fee	Per Semester	22715	9790	22715	22715	9790	15400	22715	22715	9790	15400	22715	9790	15400	22715	22715	9790	15400
Bus Card Fee	Per Semester	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
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	2000	4000	4000	2000	2000	4000	4000	2000	2000	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Medical Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Red Crescent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Science Breakage	Per Semester	1000	700	0	0	0	0	1000	1000	700	700	1000	700	700	1000	1000	700	700
Sports Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
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	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Examination Fee	Per Semester	2000	1500	2000	2000	1500	1500	2000	2000	1500	1500	2000	1500	1500	2000	2000	1500	1500
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 Charnges	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	0	0	0	0	0	0
Total (Semester-I) ****		41015	23790	46015	40015	23090	30200	47015	41015	23790	30900	41015	23790	30900	47015	41015	23790	30900
Total (Semester-II & onwards)		30515	16790	29515	29515	16090	21700	30515	30515	16790	22400	30515	16790	22400	30515	30515	16790	22400

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3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	Economics				Education						History and Pakistan Studies		Noon Business School							
		PhD	MPhil	BS		PhD	MPhil	BS		All BEd		MPhil	BS	PhD	MS	MBA		All BBA		BS	
		SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	Reg*	SS**	SS**	Reg*	SS**	SS**	Reg*	SS**	Reg*	SS**	Reg*	SS**
Admission Fee	Once Only	9000	3000	1500	3000	9000	3000	1500	3000	1500	3000	3000	1500	9000	3000	1500	3000	1500	3000	1500	3000
Tuition Fee	Per Semester	22715	22715	9790	12485	22715	22715	9790	12485	9790	12485	22715	8415	22715	22715	16115	22715	13970	19030	12595	17600
Bus Card Fee	Per Semester	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Masjid Fund	Per Semester	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
Library Security (Refundable)	Once Only	4000	4000	2000	2000	4000	4000	2000	2000	2000	2000	4000	2000	4000	4000	2000	2000	2000	2000	2000	2000
Welfare Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Medical Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Red Crescent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Science Breakage	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Computer Fund	Per Semester	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
Utility Charges	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Examination Fee	Per Semester	2000	2000	1500	1500	2000	2000	1500	1500	1500	1500	2000	1500	2000	2000	1500	1500	1500	1500	1500	1500
Benevolent Fund	Per Semester	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	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 Charnges	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) ****		**46015**	**40015**	**23090**	**27285**	**46015**	**40015**	**23090**	**27285**	**23090**	**27285**	**40015**	**21715**	**46015**	**40015**	**29415**	**37515**	**27270**	**33830**	**25895**	**32400**
Total (Semester-II & onwards)		**29515**	**29515**	**16090**	**18785**	**29515**	**29515**	**16090**	**18785**	**16090**	**18785**	**29515**	**14715**	**29515**	**29515**	**22415**	**29015**	**20270**	**25330**	**18895**	**23900**

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3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	Politics and IR				Psychology					Social Work			Sociology and Criminology			
		PhD	All MPhil	All BS		PhD	MS/ MPhil	ADCP	BS		MPhil	BS		PhD	MPhil	BS	
		SS**	SS**	Reg*	SS**	SS**	SS**	SS**	Reg*	SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	9000	3000	1500	3000	9000	3000	3000	1500	3000	3000	1500	3000	9000	3000	1500	3000
Tuition Fee	Per Semester	22715	22715	9790	12485	22715	22715	17600	9790	12485	22715	9790	13200	22715	22715	9790	12485
Bus Card Fee	Per Semester	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
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	4000	4000	2000	2000	4000	4000	4000	2000	2000	4000	2000	2000	4000	4000	2000	2000
Welfare Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Medical Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Red Crescent Fund	Per Semester	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Science Breakage	Per Semester	0	0	0	0	1000	1000	1000	700	700	0	0	0	1000	1000	700	700
Sports Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Computer Fund	Per Semester	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
Utility Charges	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Examination Fee	Per Semester	2000	2000	1500	1500	2000	2000	2000	1500	1500	2000	1500	1500	2000	2000	1500	1500
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 Charnges	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	500	500	0	0	0	0
Total (Semester-I) *****		46015	40015	23090	27285	47015	41015	35900	23790	27985	40015	23590	28500	47015	41015	23790	27985
Total (Semester-II & onwards)		29515	29515	16090	18785	30515	30515	25400	16790	19485	29515	16590	20000	30515	30515	16790	19485

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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.

Faculty of Medical and Health Sciences

All 4-Year and 5-Year Degree Programs

Details	1st Year	2nd Year	3rd Year	4th Year	5th Year
Regular Seats					
Admission Fee	5000	-	-	-	-
College Card Fee	150	-	-	-	-
College Bus Card Fee	750	750	750	750	750
Tuition Fee	38115	38115	38115	38115	38115
Fee for Practical Subject I	1000	1000	-	-	-
Fee for Practical Subject II	1000	-	-	-	-
Fee for Practical Subject III	1000	-	-	-	-
Fee for Practical Subject IV	1000	-	-	-	-
Fee for Practical Subject V	1000	-	-	-	-
Fee for Practical Subject VI	1000	-	-	-	-
Fee for Practical Subject VII	-	1000	-	-	-
Fee for Practical Subject VIII	-	1000	-		-
Fee for Practical Subject IX	-	1000	-	-	-
Fee for Practical Subject X	-	1000	-	-	-
Fee for Practical Subject XI	-	1000	-	-	-
Fee for Practical Subject XII	-	-	1000	-	-
Fee for Practical Subject XIII	-	-	1000	-	-
Fee for Practical Subject XIV	-	-	1000	-	-
Fee for Practical Subject XV	-	-	1000	-	-
Fee for Practical Subject XVI	-	-	1000	-	-
Fee for Practical Subject XVII	-	-	-	1000	-
Fee for Practical Subject XVIII	-	-	-	1000	-
Fee for Practical Subject XIX	-	-	-	1000	-
Fee for Practical Subject XX	-	-	-	1000	-
Fee for Practical Subject XXI	-	-	-	1000	-
Fee for Practical Subject XXII	-	-	-	-	1000
Fee for Practical Subject XXIII	-	-	-	-	1000
Fee for Practical Subject XXIV	-	-	-	-	1000
Fee for Practical Subject XXV	-	-	-	-	1000
Fee for Practical Subject XXVI	-	-	-	-	1000
Fee for Hospital Practices	-	-	1000	1000	1000
Clinical Record Fee	-	-	100	100	100
Rent for Microscope	600	600	600	600	600
Subscription to Sports Fund	200	200	200	200	200
Subscription to Sports Club	200	200	200	200	200
Breakage Charges	600	600	600	600	600
Maintenance Charges	5000	5000	5000	5000	5000
University Registration Fee (If Applicable)	4000	-	-	-	-
Internal Evaluation Fee	6000	6000	6000	6000	6000
Establishment Charges	10000	10000	10000	10000	10000
Transport Charges	5000	5000	5000	5000	5000
Utility Charges	7500	7500	7500	7500	7500
Magazine Fund	100	100	100	100	100
College Security (refundable on leaving)	1000	-	-	-	-
Library Security (refundable on leaving)	1000	-	-	-	-
Medical Fund	100	100	100	100	100
Benevolent Fund	50	50	50	50	50
Mosque Fund (For Muslims Only)	120	120	120	120	120
Total	**91,485**	**80,335**	**80,435**	**80,435**	**80,435**

Note:
1. These dues are subject to revision at any time in subsequent years
2. Rs. 50,000/- shall be charged additional for all programs as Self Support Charges.
3. All migrant students shall deposit Rs. 20,000/- as Re-Enrollment / Replacement charges.

Admission Regulations (Undergraduate & Graduate)
(For all Faculties except FM & HS)

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/MSc/MCom/MBA/LLB 3year 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 (BA/BSc/BCom etc) of SU on merit for MA/MSc/ MCom/MBA/ etc) 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 Only those candidates who have passed FA/FSc, BA/BSc (Pass Course or Honours) or any equivalent examination shall be eligible for admission to the next higher classes. Merit should be determined on the basis of terminal degree.

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.

Note: The Office of Director Students Affairs will circulate a complete list of such students to all colleges/institutes/ departments, against whom any kind of disciplinary action has been taken. The admissions of all such students will be processed in the light of regulation.

4.4 All difficulties connected with admission shall be resolved by the Admission Committee in consultation with Chairperson/ Principal/Director of the Department/ College/ Institute/Center/ Sub-Campus and shall deem to be settled with the approval of the Vice Chancellor later on.

4.5 Any Reserved Seat which remains unfilled at the closing date or extended period shall not be transferred to the Merit Quota.

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 M.Ed, 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, M.Ed) MA/Information Management, 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. M.Ed, B.Ed, MSc Criminology and MBA (Executive).
   Explanation: "Students having 14 years of education will be eligible to take admission to MA/MSc 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 M.Ed, B,Ed and MBA Executive can be offered in parallel with other degrees in the same session or same year without time clash.
   Explanation 4.10 (ii):
   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, fee transfer form will be moved from one Department/discipline to other department/discipline in genuine cases and 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, 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.

4.15 The relevant authenticated certificate in respect of Hafiz-e-Quran must be attached with the original 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/BA/BSc/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 SU, 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.
viii. Lawyers Quota (only in LL.B 5 years)

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 sports 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 department shall forward the cases of disable students to concerned Committee. The student shall be considered eligible after verification from the said Committee besides possession of disability certificate from the relevant authority.

4.27 Employees of University of Sargodha seeking admission to any undergraduate or graduate program are required to provide NOC before the last date for submission of forms.

4.28 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 before the closing date of admissions.

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 three consecutive days before the closing date for submission of admission forms. The test schedule including date, timing and place for test shall be made a part of admission advertisement each year.

b) Chairperson Hifz Committee shall issue the certificates to the successful candidates. The candidates shall be responsible for submission of certificates to the department concerned before the closing date.

c) The office of Chairperson Hifz Committee shall prepare and forward a list of all the candidates appearing in the test mentioning their status as pass or fail to the office of Director Academics. The same shall be communicated to all the teaching departments by the office of the Director Academics.

4.29 All the candidates seeking admission against any reserve seat (including reserved seats for children/spouse of university employees) shall be required to submit NOC issued by the competent authority (Office of the Registrar in case of University) along with the admission application.

4.30 Start of class(es) 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

4.31 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.

4.32 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:

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

Merit of the candidates for admission shall be calculated on the basis of terminal degree i.e. FA/FSC or equivalent etc. Admission shall be made as per order of year mentioned below:

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.

Note: Additional marks wherever applicable, for any particular subject will be counted irrespective of the elective or compulsory nature of subject.

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 (Bhakkar) 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/Sub-Campus (Bhakkar).

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 on a prescribed form within due date given in the advertisement for admission.

   ii. The downloaded application shall be submitted to the respective Department/College/ Institute/Center/Sub-Campus in which the candidate wishes to pursue his/her studies.

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 University of Sargodha will not hire any testing service for GAT tests. The Postgraduate Program Committee of each department will conduct the tests for MS/MPhil and PhD programs to replace the GAT-General and GAT-Subject Tests conducted by NTS respectively. Moreover, these tests will be qualifying with the following percentage of marks:

   i. For PhD Programs   70% Marks

   ii. For MPhil Programs   50% Marks

Note: The tests shall be conducted as per pattern and schedule approved by the competent authority.

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. The admissions of all such students will be processed in the light of regulation 7.

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 shall be prepared in accordance with the prescribed Proforma bearing the signature of Chairperson/Principal/Director of the Department/College/Institute/Center prior to notification. The same shall be sent to the offices of the Director Academics, Registrar and Controller of Examinations (Principal seat) for record.

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/Sub-Campus, 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 All departments will receive all forms irrespective of their eligibility. Their status as eligible or ineligible should be determined after the submission of forms.

4.19 All the government employees seeking admission to University of Sargodha should provide the NOC from the competent authority of Department concerned.

4.20 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.

4.21 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.

4.22 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).

4.23 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.

4.24 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.

4.25 The facility of additional marks and fee concession on the basis of Hifz shall not be applicable to these admissions.

4.26 All admissions made in contravention of these Regulations shall be void.

STUDENT SOCIETIES AND CLUBS

The University, in line with its mission, provides maximum opportunities of practical leadership training to the students by encouraging their participation in different clubs and societies. The main purpose of these societies is to engage the students in healthy and constructive activities and develop critical thinking, decision making and leadership skills among them. The involvement of students in the clubs and societies serves as a counter strategy to eliminate extremism through a culture of critical dialogue. Initially, the University has launched 18 student societies and clubs. These societies are run independently by the students themselves. The university has a vibrant Riaz Shad Co-Curricular Forum and these societies work under the auspices of this forum.

- Adventure Club
- Artists Club
- Bazm-e-Naa't
- Bazm-e-Qirat
- Bazm-e-Sukhan
- Blood Donors Society
- Civic Society
- Community Service Club
- Debating Society
- Dramatic Club
- E-Sport Society
- Volunteers Club
- Green Society
- IT Club
- Music Society
- Punjabi Sangat
- Sports Society
- Writers Club

Discipline, Welfare Regulations and Code of Honour

1. CODE OF HONOUR

1.1 All Mulism students must show, in words and in deeds, their full faith in Islam.

1.2 All students must have faith in and respect for the Ideology of Pakistan.

1.3 All students must, in matters of religion, respect the convictions of others.

1.4 Every student is expected to:
(i) be Loyal to Pakistan;
(ii) obey the law of the Land as well as the Rules and Regulations of the University / College;
(iii) maintain Law and Order as well as the dignity and prestige of the Alma mater;
(iv) have respect for morality and personal honour and rights of others;
(v) practice honesty and integrity in dealings with fellow students, teachers and all others both on and off the Campus;
(vi) help in protecting the life, dignity, honour and the property of the University/College and that of the Academic/ Administrative staff and fellow students;
(vii) respect teachers, all elders and persons in authority in the University/College;
(viii) be courteous and helpful to all;
(ix) work hard and co-operate in completing the course of study within the prescribed period; and
(x) endeavour to positively contribute towards creating an atmosphere conducive to healthy academic pursuit.

1.5. Welfare: Each affiliated College and University Teaching Department / Institute / Constituent College / Sub-Campus and hostel should set up a Welfare Committee in order to be in touch with the students, to deal with their problems and look after their welfare in general. The composition of the Committee shall be as follows:
(a) Student Adviser of the College / Department / Institute, two teachers representing the teaching staff, President and Secretary of the student body of the College / Department / Institute. The Committee shall elect one of the teachers as its Chairperson.
(b) Hall Secretary, Sports Secretary and Mess Manager to be elected by the Resident Officer / Officer Incharge of the hostel shall be ex-officio members of the Committee. The senior most officer shall be the Chairperson of the Committee.

2. DISCIPLINE

2.1 No student shall:
(i) utter, do, or propagate, anything repugnant to Islam within and outside the precincts of the University / College;
(ii) say or do anything which might adversely affect the honour and prestige or Pakistan, or University and teachers and his/her educational institution;
(iii) smoke in the Classroom, Laboratory, Workshop, Library and Examination Hall;
(iv) form, or associate with an Organization / Society / Club, or any other body, promoting caste distinctions and inciting parochial / linguistic / regional feeling;
(v) organize, or hold any function within the precincts of the University except in accordance with the prescribed Rules and Regulations;
(vi) collect money or receive donations or pecuniary assistance for or on behalf of the University or any University Organization except with the written permission of the Syndicate;
(vii) stage, incite, or participate in, a walkout, strike or any other form of agitation which might create or is likely to create law and order problem for the University and affect or is likely to affect its smooth functioning;
(viii) indulge in immoral activities, use of indecent language, wearing immodest dress, make indecent remarks, jokes or gestures or behave in an improper manner;
(ix) cause disturbance to others;
(x) disturb peace and tranquility of the Institution;
(xi) keep or carry weapons, narcotics, immoral or submissive literature; and
(xii) use of insalutary or abusive language or resort to violence against a fellow student or employee of the University.

2.2. Disciplinary action by the Principal of a constituent/affiliated College/Chairperson of a University Teaching Department/ Director of an Institute/Discipline Committee against the student/s may be taken in one or more of the following forms depending upon the severity of the offence:
(i) A written warning may be issued to the student/s concerned and a copy of the same may be displayed on the Notice Board;
(ii) The matter may be reported to the parents/guardians and they may be requested to visit University / College if necessary;
(iii) A student may be fined. The fine imposed shall have to be deposited in the Treasury, under intimation to the Principal/Director/Chairperso Office Secretary of Discipline Committee (constituted under statute 11) as the case may be;
(iv) A student may be turned out of the class by the teacher concerned and be not permitted to attend the same course upto three periods at one time under intimation to the Principal/Chairperson/Director;
(v) A student may be placed on probation for a fixed period not exceeding 3 months. If during the period of probation he fails to improve his conduct, he may be rusticated or expelled:
(vi) A student may be suspended from the rolls of a college/ institute/ department, for a period not exceeding two weeks at a time, excluding the suspension, if any, not exceeding 10 days, at one time, ordered by the Principal of the College/Director of the Institute/Chairperson of the Department/Discipline Committee (constituted under statute 11).
(vii) A student may be rusticated, expelled or asked to withdraw from the College/Institute/Department, in the manner hereinafter mentioned.

2.3 Regulations Relating to Rustication, Expulsion and Withdrawal.
(i) Rustication, whenever imposed on a College / University student, shall always mean the loss of one academic year in so far as his examinations are concerned. The period of absence from the College / University Teaching Department / Institute will, however, depend upon the time of the year when the penalty is imposed. The student under rustication may at the discretion of the Principal of the College / Chairperson of a Department / Director of the Institute be permitted to rejoin the class in the same College / Department / Institute in the beginning of the next academic year:

(ii)   A student expelled from a College/University Teaching Department / Institute shall not be readmitted into the same College / Department / Institute or into another College / Department/Institute without the approval of the Syndicate. Readmission shall in no case be granted before the expiry of one academic year from the date of expulsion:

(iii) Each College/Institute/Department shall constitute a Council to consider and decide the cases of expulsion, rustication and withdrawal of student/s. The Council shall consist of the Principal/Director/Chairperson of the College/Institute/ Department and at least two senior members of the teaching staff to be nominated by the Principal/Director/Chairperson. The Principal/ Director/ Chairperson of the College/ Institute/ Department shall be Chairperson of the Council who may pass such orders as he may deem fit. Other members shall act in as an advisory capacity. The Principal/Director/Chairperson shall communicate to the University the names of the members of the Council in the beginning of every academic year:

In case of rustication and expulsion or withdrawal of a student of the University Department/Institute/College he may prefer an appeal with the Vice-Chancellor within 15 days of the date of the notification or rustication/ expulsion or withdrawal. The Vice-Chancellor will have the power to pass such orders as he may deem fit;

(v)   Cases of indiscipline/disturbances, involving students from two or more Colleges/Insititutes/Departments of the University, shall be referred to the Discipline Committee (constituted under Statute 11 or the University of the Punjab Act 1973) by the Vice-Chancellor:

(vi)   The Discipline Committee shall have the power to take such decision as it deems fit on a case referred to it by the Vice-Chancellor, in accordance with the aforementioned Regulations provided that the student/s who has/have been rusticated/ expelled or ordered to withdraw from the rolls of a University/College/Institute/Department he/they may prefer an appeal with the Vice-Chancellor within 15 days of the date of notification of rustication/ expulsion/ withdrawal, etc. The Vice-Chancellor shall have the powers to pass such orders as he may deem fit:

(vii) If a case of rustication/ expulsion/ withdrawal, is received by the Vice-Chancellor on the basis of an appeal, it shall be brought to the notice of the Syndicate along with reasons for revising the original order.

Notice: **Prevention of Electronic Crimes Act 2016 to overcome cyber crimes threat is strictly enforced.**

Dress Code

An average student spends thousands of rupees an year on clothes. Having a couple of uniforms instead of fashion statement clothes for the university will not cost much to students. Hence, University of Sargodha decided to adopt uniform clothing for all undergraduate students as per following description:

Male: Grey pent with black belt, white full sleeve shirt with collar and black shoes
Female: White shalwar and kameez with white dupatta with colored (faculty-wise) border and black shoes

White Shirt

Black Belt

Grey Pant

Black Shoes
Buckel/Straps

White Dupata

Border According to Faculty Color

Ribbon According to Faculty Color

White Shirt/Kameez

White Shalwar

Black Shoes
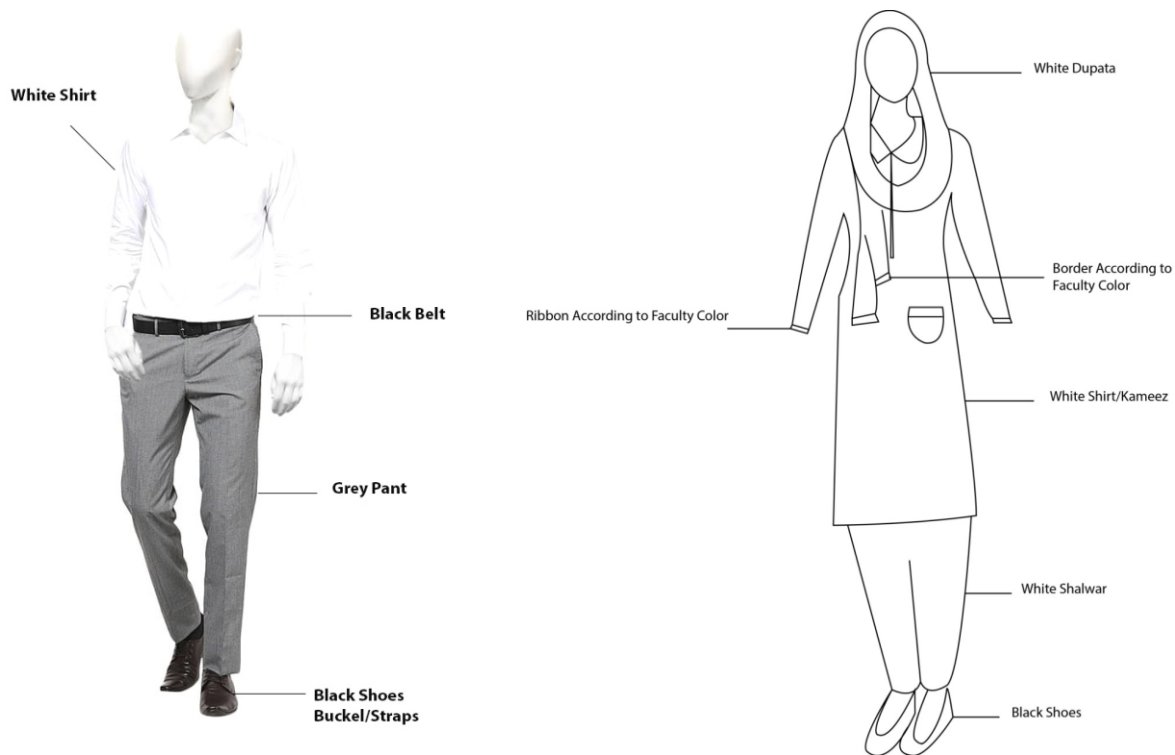
Semester Regulations (Undergraduate and Graduate)

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, 2-year Associate Degree, Undergraduate (4-year BS/BCom, 5-year Pharm-D/LLB (Hons), etc.), Graduate (2-year MA/MSc/MCom/MBA 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 graduate level programs and diploma courses offered by the University.

2. Short Title and Commencement

The regulations described hereunder shall be called Semester Regulations-2020, University of Sargodha and shall come into force w.e.f academic session 2020-21.

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 "Dean" means the Chairperson of the Board of Faculty;

3.2 "Controller of Examinations" means the Controller of Examinations of the University.

3.3 "Academic Department" means a teaching, research and technological development Department maintained and administered by the University;

3.4 "College" means a University College or an Affiliated College;

3.5 "Chairperson" means head of an Academic Department;

3.6 "Principal" means the head of a College;

3.7 "Director" means the Director of an Institute;

3.8 "Academic Year" means a year consisting of two regular semesters namely; Fall and Spring;

3.9 "Authority" means any of the Authorities of the University specified in the University of Sargodha Ordinance/Act;

3.10 "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;

3.11 "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;

3.12 "Non-credit Course" means a course that shall be mandatory to pass but shall not be counted in calculating GPA/CGPA and shall not have any effect on the academic position of a student;

3.13 "Pre-requisite" means a course required to provide basic knowledge of the follow up course;

3.14 "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.

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.

5. Courses and Scheme of Studies

5.1 The curricula and schemes of studies of various degree programs shall be developed and recommended by the respective Boards of Studies and then Faculty Board. 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 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 thee credit hours course with prior approval of Dean concerned. The permission must be obtained within seven days of 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.

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(30) means three credit hours of theory only, while 4(31) 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 For the undergraduate/graduate degree program involving internship/practical/field work there will be a minimum of 15-18 credit hours for internship/practical/field work whereas remaining credit hours, if required, shall be reserved for course work. In all other cases a minimum of six credit hours research project will be offered in last two semesters of the program.

6.3 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.

6.4 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

i. First digit will represent the level of the program, for example
- Level 5 represents BA/BSc (Pass), ADE, Associate degree etc 13th and 14th year of education.
- Level 6 represents BS, BE, B.Arch, BSc(Eng.), BSc (Agri.), MA/MSc (16-year), LL.B, B.Com (Hons) etc 15th, 16th or 17th year of education (1st and 2nd year of MA/MSc and 3rd, 4th and 5th year of 4-year or 5-year degrees)
- Level 7 represents Masters (MPhil/MS/MBA, MSc(Eng.), ME, MArch etc) 17th and 18th year of education.
- Level 8 represents Doctoral (PhD), 19th, 20th and 21st year of study.

ii. Second Digit of coding will represent the number of degree of same level i.e. BS and MA/MSc are all 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" and "2" as second digit of their coding scheme.

iii. 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

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 degree in the same department)

Course	Degree Level (BS)	No. of Degree	No. of Course	Course Code	Credit Hours
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)

Graduate (MA/MSc/M.Com/MBA etc)
Example 1

Course	Degree Level (BS)	No. of Degree	No. of Course	Course Code	Credit Hours
MATH	6	1	01	MATH-6101	3(3-0)
CHEM	6	1	02	CHEM-6102	4(3-1)
BOTN	6	1	03	BOTN-6103	4(3-1)
STAT	6	1	04	STAT-6104	3(3-0)

Example 2 (in case of 2nd graduate (MA/MSc degree in the same department)

Course	Degree Level (BS)	No. of Degree	No. of Course	Course Code	Credit Hours
MATH	6	2	01	MATH-6201	3(3-0)
CHEM	6	2	02	CHEM-6202	4(3-1)
BOTN	6	2	03	BOTN-6203	4(3-1)
STAT	6	2	04	STAT-6204	3(3-0)

*   The compulsory courses English-I, English-II, English-III, English-IV, Pakistan Studies, Islamic Studies, Mathematics, Statistics and Introduction to Information & Communication Technologies (where applicable) shall be offered in all bachelor degrees with same course titles, contents and course codes in first four semesters only.

Following are the course titles with codes for compulsory courses.

URCE-5101	English-I (Grammar)
URCE-5102	English-II (Language Comprehension & Presentation Skills)
URCE-5103	English-III (Academic Writing)
URCE-5104	(English-IV) Introduction to English Literature
URCI-5105	Islamic Studies
URCP-5106	Pakistan Studies
URCM-5107	Mathematics
URCS-5108	Statistics
URCI-5109	Introduction to Information & Communication Technologies
URCC-5110	Citizenship Education and Community Engagement.

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 provided that students shall be informed well before the commencement of the semester concerned.

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 term examination of the course. The Department/ College/Institute/Center shall notify the list of such students at least one day before the examination week.

7.2   The Chairperson/Principal/Director of the Department/ College/ Institute/Center may condone, for valid reasons, deficiency up to five percent of the total number of lectures. The Dean of the Faculty on the recommendations of the Chairperson/ Principal/ Director of the Department/College/Institute/Center, may on special grounds, condone up to another five percent 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, he/she 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/ Center for ten consecutive working days, his/her name shall be struck off from the rolls of the Department/College/ Institute/Center. Such student shall not be re-admitted without the approval of 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/C enter with the total number of lectures and practical (if applicable) attended by each student.

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/Center for holding Special Examination for him/her as soon as his/her sports/co-curricular activities are ended.

8   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   Students may be allowed to withdraw from a course during 4-6 week of the semester. In such a case 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 6th week shall be automatically awarded "F" grade which shall count in the GPA and stay on the transcript.

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.

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 not have to pay the semester fee; if deposited, the fee will be transferred to the next semester if frozen in first week of commencement of the classes or before the commencement of a semester.

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.

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 years in any case.

10.   Evaluation

The course teacher will be responsible for students' evaluation and grading as per the following weight-age:

Courses without practical		Courses with practical	
Assessment	%age	Assessment	%age
Mid	30	Mid	15
Sessional	20	Sessional	15
Final	50	Final	45
--	--	Practical	25

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 e v e n a f t e r 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 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 ten days 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 and graduate students by ORIC office 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.

11.   Promotion, Dropout and Re-admission

11.1 If a student fails to obtain 1.75 GPA at the end of 1st semester or more than 50% courses in 1st semester he/she shall be dropped from the program. Furthermore, if a student fails to obtain prescribed CGPA at end of academic year, he/she shall be detained in the same academic year and shall not be promoted to the next semester. A student who has been declared to be detained 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

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 he/she is again detained in any academic year.

11.3   A student will only be allowed to repeat 2-3 courses of up to 09 credit h o u r s (i f a n y) w i t h t h e p e r m i s s i o n o f t h e 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) in the summer semester in which the course(s) is/are being offered, 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, 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 in to second semester a student must pass at least 50% courses with minimum 1.75 GPA.

11.6.2 For promotion in next academic year a student must pass at least 50% of the courses offered during the academic year and must obtain minimum CGPA given below at the end of each academic year to remain enrolled and continue his/her studies in the program, otherwise, he/she 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

For 1-Year program

i.   At the end of 1st semester a student must pass at least 50% courses with minimum 1.75 GPA.

ii.   After the Academic Year (including 1st, 2nd and summer semester) minimum required CGPA for completion of Degree is 2.50*

*   *At the end of the Academic Year, if a student obtains CGPA<2.50, he/she must pass fail courses or/and improve already pass courses as and when offered in order to obtain minimum required 2.50 CGPA to complete degree within stipulated time period (maximum two years).*

For 2-Year program

i.	At the end of 1st semester a student must pass at least 50% courses with minimum 1.75 GPA.

ii.	After first Academic Year (including 1st, 2nd and summer semester) minimum required CGPA for promotion is 2.10

iii.	After second Academic Year (including 3rd , 4th and summer semester) minimum required CGPA for completion of Degree is 2.50*

*	*At the end of second Academic Year, if a student obtains CGPA<2.50, he/she must pass fail courses or/and improve already pass courses as and when offered in order to obtain minimum required 2.50 CGPA to complete degree within stipulated time period (maximum four years).*

For 3-Year program

i.	At the end of 1st semester a student must pass at least 50% courses with minimum 1.75 GPA.

ii.	After first Academic Year (including 1st, 2nd and summer semester) minimum required CGPA for promotion is 2.10

iii.	After second Academic Year (including 3rd , 4th and summer semester) minimum required CGPA for promotion is 2.20

iv.	After third Academic Year (including 5th , 6th and summer semester) minimum required CGPA for completion of Degree is 2.50*

*	*At the end of third Academic Year, if a student obtains CGPA<2.50, he/she must pass fail courses or/and improve already pass courses as and when offered in order to obtain minimum required 2.50 CGPA to complete degree within stipulated time period (maximum five years).*

For 4-Year program

i.	At the end of 1st semester a student must pass at least 50% courses with minimum 1.75 GPA.

ii.	After first Academic Year (including 1st, 2nd and summer semester) minimum required CGPA for promotion is 2.00

iii.	After second Academic Year (including 3rd , 4th and summer semester) minimum required CGPA for promotion is 2.10

iv.	After third Academic Year (including 5th , 6th and summer semester) minimum required CGPA for promotion is 2.25

v.	After fourth Academic Year (including 7th , 8th and summer semester) minimum required CGPA for completion of Degree is 2.50*

*	*At the end of forth Academic Year, if a student obtains CGPA<2.50, he/she must pass fail courses or/and improve already pass courses as and when offered in order to obtain minimum required 2.50 CGPA to complete degree within stipulated time period (maximum six years).*

For 5-Year program

i.	At the end of 1st semester a student must pass at least 50% courses with minimum 1.75 GPA.

ii.	After first Academic Year (including 1st, 2nd and summer semester) minimum required CGPA for promotion is 2.00

iii.	After second Academic Year (including 3rd , 4th and summer semester) minimum required CGPA for promotion is 2.10

iv.	After third Academic Year (including 5th , 6th and summer semester) minimum required CGPA for promotion is 2.20

v.	After fourth Academic Year (including 7th , 8th and summer semester) minimum required CGPA for promotion is 2.30

vi.	After fifth Academic Year (including 9th , 10th and summer semester) minimum required CGPA for completion of Degree is 2.50*

*	*At the end of fifth Academic Year, if a student obtains CGPA<2.50, he/she must pass fail courses or/and improve already pass courses as and when offered in order to obtain minimum required 2.50 CGPA to complete degree within stipulated time period (maximum seven years).*

11.7	The student who has already been readmitted as per regulation No 11.6 and again fails to maintain required CGPA in any academic year will be "Dropped" from the program and ceased from university rolls and will not be readmitted in any circumstances.

**12.	Award of Degree**

12.1	A minimum of 124 credit hours are required for 4 or 5-year BS or equivalent degree program.

12.2	A minimum of 66 credit hours are required for graduate 2-year MA/MSc or equivalent degree program.

12.3	A minimum of 31 credit hours are required for 1-year degree program.

12.4	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 at least 2.50 CGPA.

12.5	If any student is not able to clear one subject even after last semester within prescribed time limit, (s)he may be given the transcript with fail course on request declaring him/her pass overall.

**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.

**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
80-100	4.00	A	57	2.43	C
79	3.94	B	56	2.36	C
78	3.87	B	55	2.30	C
77	3.80	B	54	2.24	C
76	3.74	B	53	2.18	C
75	3.67	B	52	2.12	C
74	3.60	B	51	2.06	C
73	3.54	B	50	2.00	C
72	3.47	B	49	1.90	D
71	3.40	B	48	1.80	D
70	3.34	B	47	1.70	D
69	3.27	B	46	1.60	D
68	3.20	B	45	1.50	D
67	3.14	B	44	1.40	D
66	3.07	B	43	1.30	D
65	3.00	B	42	1.20	D
64	2.92	C	41	1.10	D
63	2.85	C	40	1.00	D
62	2.78	C	Below 40	0	F
61	2.70	C	Result Late----		RL
60	2.64	C	Withdrawal		W
59	2.57	C	Repeat		R
58	2.50	C	Incomplete	0.00	I

Passing marks for a course = 50% (C grade for semester and term system)

Note: The degree requirements for graduate (BS/MA/MSc etc.) programs shall be 2.50 CGPA.

15.3	Fraction of 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

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.

1st Academic Year

Example-I (Semester I) (Must Pass at least 50% courses & obtain 1.75 GPA)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	45	1.50	D	3	1.50 × 3 = 4.50
C2	53	2.18	C	3	2.18 × 3 = 6.54
C3	45	1.50	D	4	1.50 × 4 = 6.00
C4	42	1.20	D	3	1.20 × 3 = 3.60
C5	43	1.30	D	3	1.30 x 3 = 3.90
		Total		12	24.54

GPA = 24.54 ÷ 16 = 1.53 (Dropped)

Example-II (Semester I) (Must Pass at least 50% courses & obtain 1.75 GPA)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	87	4.00	A	3	4.00 × 3 = 12.00
C2	68	3.20	B	3	3.20 × 3 = 9.60
C3	45	1.50	D	4	1.50×4 = 6.00
C4	60	2.64	C	3	2.64× 3 = 7.92
C5	73	3.54	B	3	3.54× 3 = 10.62
		Total		16	46.14

GPA = 46.14 ÷ 16 = 2.88 (Promoted)

Example-III (Semester-II) (Must Pass at least 50% courses)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C6	72	3.47	B	3	3.47× 3 = 10.41
C7	69	3.27	B	3	3.27× 3 = 9.81
C8	80	4.00	A	3	4.00× 3 = 12.0
C9	38	0.00	F	3	0.00×3 = 0.00
C10	Withdraw	--	W	0	----
		Total		12	32.22

GPA = 32.22 ÷ 12 = 2.69

Example-IV (Summer Semester) (Minimum Required CGPA is 2.10)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C9*	69	3.27	B	3	3.27× 3 = 9.81
C10	Withdraw	--	W	0	----
		Total		3	9.81

* Repeated

GPA = 9.81 ÷ 3 = 3.27

For calculating CGPA, sum total of GPs in an academic year earned in different courses multiplied by respective credit hours of a course and divided by total number of credit hours.

CGPA = $\dfrac{\text{Total (GP x Credit Hours) of all courses}}{\text{Total Credit Hours of all courses}}$

Total grade points in 1st Academic Year (1st, 2nd and summer semester) =
46.14 + 32.22+9.81 = 88.17
Total credit hours in 1st Academic Year = 16+12 = 28
(C9 is summer semester is repeated so its credits hours shall not be added again)

CGPA = 88.17 / 28 = 3.15 (Promoted)

2nd Academic Year

Example-V (Semester III) (Must Pass at least 50% courses)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C11	55	2.30	C	4	2.30×4 =9.20
C12	50	2.00	D	3	2.00× 3 =6.00
C13	58	2.50	C	2	2.50×2 = 5.00
C14	38	0.00	F	4	0.00×4 = 0.00
C15	45	1.50	D	3	1.50×3 = 4.50
		Total		16	24.70

GPA = 24.70 ÷ 16 = 1.54

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS

Example-VI (Semester IV) (Must Pass at least 50% courses)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C16	51	2.06	C	4	2.06×4 =8.24
C17	50	2.00	C	3	2.00× 3 = 6.00
C18	40	1.00	D	3	1.00×3 = 3.00
C19	38	0.00	F	3	0.00×3 = 0.00
C20	30	0.00	F	3	0.00×3 = 0.00
C3*	52	2.12	C	4	2.12×4 = 8.48
		Total		20	25.72

* Repeated

GPA = 25.72 ÷ 20 = 1.29

Example-VII (Summer Semester) (Minimum Required CGPA is 2.20)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C2*	87	4.00	A	3	4.00 × 3 = 12.00
C10	60	2.64	C	4	2.64× 4 = 10.56
Total	7				22.56

* Repeated

GPA = 22.56 ÷ 7 = 3.22

For calculating CGPA, sum total of GPs in an academic year earned in different courses multiplied by respective credit hours of a course and divided by total number of credit hours.

CGPA = $\dfrac{\text{Total (GP x Credit Hours) of all courses}}{\text{Total Credit Hours of all courses}}$

Total grade points in 1st Academic Year (1st, 2nd and summer semester) and

2nd Academic Year (3rd, 4th and summer semester)
= 88.17 + 24.70 + (25.72-6.00)** + (22.56-9.60)**= 145.55
Total credit hours in semesters 1st & 2nd Academic Year = 28 + 36 = 64
(C2 and C3 are repeated so their credit hours shall not be added again)

CGPA = 145.55 / 64 = 2.27 (Promoted)

** Semester-IV C3 repeated, Summer Semester C2 Repeated, therefore previously added GPT's should be subtracted.

Similarly, minimum CGPA required at the end of 3rd academic year (summer semester inclusive) and 4th academic year (summer semester inclusive) is 2.25 and 2.50 respectively. Moreover, CGPA calculation of all other degree programs may be calculated as per minimum requirements mentioned in clause 11.6.2

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 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.

(1) 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.

(2) 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.

(3) Courses with credit hours and course contents equivalent to the Department/ College/ Institute/ School courses, shall be considered for transfer.

(4) (S)he passes the Department/College/Institute/School test for each course to be applied for transfer.

(5) Courses with less than 50% marks in the test shall not be considered for transfer of credit.

(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).

(7) The transferred student(s) must study at least 50% courses of the Program at the Department/College/Institute/School to become eligible for degree.

(8) (S)he has to provide NOC from the institution from where migration is required.

16.3 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 by comparing test with the course outline and work plan provided by the teacher.

17.5 The decision of the committee shall be final.

18. Time Frame for Completion of Degree Programs

Maximum duration for the completion of various programs shall be as under:

Program	Maximum Duration
1-Year	Two Years
2-Year	Four Years
3-Year	Five Years
4-Year	Six Years
5-Year	Seven Years

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.

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

(a) University Students shall submit the application in the office of respective Chairperson/Principal/Director; 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 concerned Chairperson/Principal/Director of teaching department of the University. The application shall be submitted along with processing fee @Rs. 500 in prescribed University account.

(b) Chairperson/Principal/Director of teaching department shall forward the application to the Chairman Semester Committee with clear recommendation about acceptance/rejection of student's hardship.

(c) The Semester Committee after reviewing the cases shall submit the recommendations to the Vice Chancellor for necessary approval.

20 Summer Semester

20.1 Summer semester shall be offered at the end of each academic year as an optional semester of 08-09 weeks duration. Students will be offered course(s) to remove deficiencies.

20.2 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

20.3 A student will only be allowed to register in 2-3 courses of up to 09 credit hours for remedial work.

20.4 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.

20.5 During summer semester for the students who intend to repeat/improve compulsory/university requirement 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.

Clarifications:
Office of Director Academics after approval of Vice Chancellor communicated the following clarifications in Semester Regulations to all departments vide letter No. SU/DIRACAD/401 dated March 25, 2022

Clarification 1: Promotion Criteria on the basis of CGPA in a Semester, Regulations 11.6 of Undergraduate and Graduate - Semester Regulation 2020
"CGPA shall not be calculated for promotion at the end of semester except in 1st semester i.e. 1.75 GPA. Promotion on the basis of CGPA shall be calculated at the end of each Academic year as mentioned in Regulation 11.6 of Semester Regulation 2020."

Clarification 2: Promotion Criteria on the basis of 50% Pass Courses in a semester, Regulations 11.6 of Undergraduate and Graduate - Semester Regulation 2020
"A student must have to pass at least 50% courses in each semester for his/her promotion to the next semester as exemplified in Regulation 15.4."

Clarification 3: Clarification Regarding Withdrawal of Course(s), Regulation 8 of Undergraduate and Graduate - Semester Regulation 2020
"Withdrawal course shall not be considered fail in promotion criteria on the basis of 50% courses in a semester. Moreover, withdrawal course shall not be enrolled in summer semester as a coaching course."

Clarification 4: Promotion Criteria for the Programs offered admission in Spring Semesters, Regulations 11.6 of Undergraduate and Graduate - Semester Regulation 2020
"For 2-Year program-Spring Semester Admission Programs

i. At the end of 1st semester a student must pass at least 50% courses with minimum 1.75 GPA.

ii. After first Academic Year (including 1st and summer semester) minimum required CGPA for promotion is 2.10

iii. After second Academic Year (including 2nd ,3rd and summer semester) minimum required CGPA for completion of Degree is 2.10*

*At the end of 4th semester, if a student obtains CGPA<2.50, he/she must pass fail courses or/and improve already pass courses as and when offered in order to obtain minimum required 2.50 CGPA to complete degree within stipulated time period (maximum four years)."

Semester Regulations (Postgraduate)

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 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 and PhD Programs, rules and regulations mentioned hereinafter regarding admission, registration and examination for MS/MSc(Hons)/MPhil and PhD studies shall be applicable to each postgraduate level research program offered by the University.

2. Short Title and Commencement

2.1 The rules and regulations described hereunder shall be called "Revised Rules and Regulations for MS/MSc(Hons)/MPhil and PhD programs, University of Sargodha, 2020" and shall come into force from the academic session 2020-21.

2.2 However, to regulate the admissions made from September 2020 (Admissions Fall-2020), the relevant regulations shall be applicable to the MS/MSc(Hons)/MPhil and PhD students registered with the University. Moreover, for guidance in all the existing programs, these revised rules and regulations can be consulted in those gray areas where existing MS/MSc(Hons)/MPhil and PhD regulations are silent.

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 "Authority" means any of the Authorities of the University specified in the Ordinance;

3.2 "Board of Studies" means the board comprising of specified members for each subject or group of subjects taught in any Department/College/Institute/School;

3.3 "Controller of Examinations" means the Controller of Examinations of the University (abbreviated as CE in this dossier);

3.4 "Dean" means the Chairperson of the Board of Faculty;

3.5 "PhD Candidate" means a candidate of PhD program after the approval of his/her Synopsis;

3.6 "Prescribed" means prescribed by Statutes, Regulations or Rules;

3.7 "Research Board" means Advanced Studies and Research Board (AS & RB) of the University;

3.8 "Research Program" means MS/MSc(Hons)/MPhil, PhD and other research based programs of the University;

3.9 "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;

3.10 "Syndicate" means the Syndicate of the University;

3.11 "University" means the University of Sargodha;

3.12 "Vice Chancellor" means the Vice Chancellor of the University.

3.13 "Postgraduate Program Committee" means each department will constitute a Postgraduate Program Committee comprising senior most (3-5) faculty members with Chairperson as its head. The Committee, approved by Vice Chancellor through the Dean concerned, will look after the MS/MSc(Hons)MPhil and PhD program and take all necessary actions/steps to run the program smoothly.

4. Introduction

Following are the guidelines, procedures, rules and regulations to be administered by the Department/College/Institute/School where MS/MSc(Hons)/MPhil 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 downloadable from the website of University of Sargodha (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 bodies of University of Sargodha (AS & RB, Academic Council etc.).

5. Pre-Requisite to launch a MS/MSc(Hons)/MPhil or a PhD Program

5.1 Any Teaching Department/College/Institute/School of the University can launch MS/MSc(Hons)/MPhil and PhD programs provided it fulfills the criteria laid down by the HEC [the presence of at least two PhD/DPhil/DSc or equivalent faculty members in a pool of minimum six for a MS/MSc(Hons)/MPhil programs and three PhD/DPhil/DSc or equivalent faculty members in a pool of minimum six for a PhD program].

5.2 Before launching any research program the Department/ College/ Institute/ School shall obtain NOC from Higher Education Commission, Islamabad and ascertain the number of seats as per facilities and program details.

5.3 The admission to MS/MSc(Hons)/MPhil and PhD programs shall be advertised in the beginning of academic session.

5.4 A class of < 10 and < 5 students shall not be started for MS/MSc(Hons)/MPhil and PhD program respectively.

6. Eligibility Criteria

6.1 MS/MSc(Hons)/MPhil programs:

a) The candidates having second division ($\geq$ = 45%) in annual system or CGPA = 2.00 out of 4.00 in MA/MSc/LLB/BS (4Year)/B-Pharmacy/ PharmD/ MBBS/ BDS/ BE/ BSc Engineering etc. [16-year education with minimum 124 CHs] degree in semester system in the relevant subject or equivalent from HEC recognized institutions shall be eligible for admission in MS/MSc(Hons)/MPhil program

b) Those candidates shall be considered eligible who shall pass (minimum 50% marks) the entry test and an interview conducted by the Postgraduate Committee of the relevant Department/ College/ Institute/ School of the university.

c) The candidates who are employed in Federal/Provincial government or semi-government organizations shall produce NOC (No Objection Certificate) from their employer.

6.2 PhD Program:

a) The candidates having CGPA = 3.00 out of 4.00 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 HEC recognized Institutions shall be eligible for admission.

b) Those candidates shall only be considered eligible who shall pass (minimum 70% marks) the entry test and an interview conducted by the Postgraduate Program Committee of the relevant Department/College/ Institute/School of the university.

c) The candidates who are employed in Federal/Provincial government or semi-government organizations shall produce NOC (No Objection Certificate) from their employer.

6.3 Only those candidates shall be granted admission to MS/MSc(Hons)/MPhil or PhD program who fulfill the criteria laid down by the HEC and specified by the concerned Teaching Department, which are subject to change time to time by the university bodies (AS & RB, Academic Council, Syndicate etc.).

7. Procedure for Application, Admission and Registration

7.1 An applicant seeking admission to MS/MSc(Hons)/MPhil 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 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 Both MS/MSc(Hons)/MPhil and PhD programs emphasize 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 a candidate of MS/MSc(Hons)/MPhil or PhD Program shall be determined as follows:
   a) Academic Qualifications (Terminal Degree)
                              70% contribution
   b) Subject Based Entry Test
                              30% contribution
   c) Candidates must qualify the interview conducted by the Postgraduate Program Committee of a Department/ College/ Institute/ School.

7.7 Qualification from institutions other than the University of Sargodha shall be equalized by the Equivalence Committee of the University/HEC.

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 or PhD program from another University/Degree Awarding Institutions (DAI) recognized by the HEC to a teaching Department of the University and vice versa, provided that:

8.1 The scholar will be required to provide a no objection certificate (NOC) from the University where (s)he had been registered before and the consent of the Chairperson/ Principal/ Director of the Department/ College/ Institute/ School of this University. The equivalence of credits to be transferred shall be determined by the Department concerned through its BoS.

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.

9.   Specific Conditions for MS/MSc(Hons)/MPhil and PhD Programs

9.1 The MS/MSc(Hons)/MPhil program shall comprise 4 semesters and 30 CHs normally (minimum duration = 1½ year, maximum duration = 4 years). The period shall be counted from very first date of admission to the MS/MSc(Hons)/MPhil program.

9.2 If the scholar's degree does not complete in 2 years then 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.

9.3 The PhD program shall comprise 6 semesters and 18 CHs normally (minimum duration = 3 years, maximum duration = 8 years). The period shall be counted from very first date of admission to the PhD program.

9.4 If the scholar's degree does not complete in 5 years then 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.

9.5 For MS/MSc(Hons)/MPhil the candidate shall acquire CGPA $\geq$ 2.70 after completing course work of 24 CHs (annexure-I). The degree shall be awarded to a candidate who shall acquire CGPA $\geq$ 2.70. One page project abstract, signed by the scholar, supervisor(s), Chairperson/ In-charge/Principal/Director of the Department/ College/Institute/ School and Dean of the Faculty and name of the research supervisor(s) and list of three local examiners shall be communicated by the Chairperson/In-charge/ Principal/ Director of the Department/ College/ Institute/School with 150 to 200 words project abstract through BoS to AS&RB for approval. Approved copies of the synopsis shall be sent to the offices of the Chairperson/In-charge/Principal/ Director of the Department/ College/Institute/School and Controller of Examinations for record.

9.6 The doctoral candidate shall acquire CGPA = 3.00 after completing course work of 18 CHs which shall follow a comprehensive examination to pass (=50% marks)/ qualify (annexure-I). The title of research and synopsis shall be recommended by BoS of the Department/ College/Institute/School and scholar shall defend his/her research synopsis in a public defense organized by the Dean of the Faculty on behalf of AS & RB and shall notify a report, which shall be produced (alongwith recommended synopsis) to AS & RB for approval of title, synopsis and research supervisor(s). Approved copies of the synopsis on required format (annexure-II & III) shall be sent to the supervisor(s) and offices of Chairperson/In-charge/ Principal/ Director of the Department/ College/ Institute/ School and CE for record.

9.7 The MS/MSc(Hons)/MPhil thesis shall be evaluated by an external examiner. The plagiarism check must be conducted by ORIC office before submission of thesis to office of Controller of Examinations for external evaluation. The copy of the thesis forwarded through office of the Director ORIC after plagiarism check will be forwarded to the external examiner for evaluation. The Controller of Examinations shall send the thesis to external examiner after approval of examiner by Vice Chancellor from the list of examiners approved by AS&RB and panel

provided by the Chairperson/In-Charge/Principal/Director. The Chairperson/In-Charge/Principal/ Director of the Department/ College/Institute/ School concerned shall arrange and chair the viva voce examination of the scholar in the presence of supervisor and external examiner on a convenient date upon receipt of positive comments by external examiner to the office of Controller of Examinations and will forward the result of viva voce examination to the Controller of Examinations for notification.

9.8 Every research scholar (MS/MSc(Hons)/MPhil 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 and PhD students working under a full time faculty member (Regular/ TTS/ Contractual/ IPFP) of University of Sargodha shall be as per 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 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 lecture with no fine/struck off from roll calls.

9.12 In genuine condition if leave for more than 4 weeks are required than 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 Dean of the faculty and Director Academics. However, very first semester of MS/MSc(Hons)/MPhil and PhD program shall not be freeze.

10.   Cancellation of PhD Registration

MS/MSc(Hons)/MPhil or PhD registration shall be cancelled by the Registrar on the recommendation of the supervisor/co-supervisor(s) and Chairperson/Principal/ Director of the Department/College/Institute/School followed by the approval of the Vice Chancellor, if the scholar:

10.1 Earns two consecutive adverse six monthly progress reports from his/her supervisor.

10.2 Fails to contact his/her supervisor or leaves the program over a month without prior permission.

10.3 Does not complete the course work.

10.4 Does not qualify the comprehensive examination even in the second attempt.

10.5 Is found guilty of misconduct.

10.6 The aggrieved scholar may file an appeal against cancellation of PhD registration to the AS & RB within a period of 30 days. The AS & RB will give him/her opportunity to be heard in person. However, the decision of the AS & RB shall be final.

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 2.70 to be promoted to the second semester.

11.1.3 In case a scholar is able to obtain 2.30 = GPA < 2.70 in first semester, he/she will be promoted to the second semester on Probation. The scholar, who obtains GPA < 2.30 in the first semester, shall be dropped from the semester.

11.1.4 The scholar shall have chance of readmission next year in 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.

11.1.5 In case a scholar is not able to obtain CGPA = 2.70 in second semester, (s)he will be dropped from the semester.

11.1.6 In case a scholar is dropped out in second semester, such scholar shall have chance of readmission to second semester offered next year again to complete his degree in maximum period (4 years) starting from the date of very first admission.

11.1.7 In 3rd and 4th semesters a scholar shall carry out research work under the supervision of his/her supervisor/co-supervisor.

11.1.8 A student, who obtains GP < 2.70 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 scored CGPA = 2.70 shall be awarded MS/MSc(Hons)/MPhil degree.

11.1.10 A student, who scored CGPA<3.00 after the completion of course work 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 course work by the end of second semester which shall follow a comprehensive examination to qualify.

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 second semester.

11.2.3 In case a scholar is able to obtain 2.50 = GPA < 3.00 in first semester, (s)he will be promoted to the second semester on Probation. The scholar, who obtains GPA < 2.50 in the first semester, shall be dropped out from the semester.

11.2.4 The scholar shall have chance of readmission next year in 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.

11.2.5 In case a scholar is not able to obtain CGPA = 3.00 in second semester, (s)he will be dropped out from the semester.

11.2.6 In case a scholar is dropped out in second semester, such scholar shall have chance of readmission to second semester offered next year or in 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.

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 Grading and Numerical Grading shall be as follows:

%age Marks	Grade Point	Letter Grade	%age Marks	Grade Point	Letter Grade
80-100	4.00	A	57	2.43	C
79	3.94	B	56	2.36	C
78	3.87	B	55	2.30	C
77	3.80	B	54	2.24	C
76	3.74	B	53	2.18	C
75	3.67	B	52	2.12	C
74	3.60	B	51	2.06	C
73	3.54	B	50	2.00	C
72	3.47	B	49	1.90	D
71	3.40	B	48	1.80	D
70	3.34	B	47	1.70	D
69	3.27	B	46	1.60	D
68	3.20	B	45	1.50	D
67	3.14	B	44	1.40	D
66	3.07	B	43	1.30	D
65	3.00	B	42	1.20	D
64	2.92	C	41	1.10	D
63	2.85	C	40	1.00	D
62	2.78	C	Below 40	0	F
61	2.70	C	Result Late ----		RL
60	2.64	C	Withdrawal		W
59	2.57	C	Repeat		R
58	2.50	C	Incomplete 0.00		I

Pass marks for a course = 50% © Grade)

Grading Table

Marks Range	Letter Grade (LG)
80 and above	A
65 79	B
50 64	C
40 49	D
Below 40	F
Result Late	RL
Incomplete	I
Withdrawal	W
Repeated	R

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 In order to calculate the Grade Point Average (GPA) of a semester as follows
   a. Multiply GP with the CHs to obtain total grade points in each course
   b. Add up to cumulative grade points and divide by the total number of CHs for the semester.

$$GPA = \frac{\text{Total (GP x CHs) courses of a semester}}{\text{Total CHs of a semester}}$$

11.6 For calculating CGPA, add up the total grade points of all courses of semesters and divide by the total number of CHs.

$$GPA = \frac{\text{Total (GP x CHs) of all courses of semesters}}{\text{Total CHs of semesters}}$$

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 within ten days after the final examination. A copy of the same will be sent to Controller of Examinations.

14. **Supervisory Committee**

14.1 There shall be a supervisory committee comprising of supervisor/co-supervisor(s) (two-three members) chaired by 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 other Universities or Organizations. 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 confirmation by the AS & RB.

15. Comprehensive Examination

15.1 The scholars admitted to PhD program shall take written comprehensive examination after the completion of 18 CHs course work with CGPA = 3.00. The concerned Department/ College/ Institute/School shall hold the said examination as per the schedule given in academic calendar after the completion of the course work.

15.2 The Chairperson/In-charge/Principal/Director of the Department/College/ Institute/School shall send a panel of examiners to seek approval of the Dean of Faculty for the comprehensive examination.

15.3 If a scholar fails (< 50% marks) in the comprehensive examination (written), (s)he shall be allowed a second chance to reappear next year. If the scholar again fails then (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 Departmental Examination Committee and approved by the Dean of the Faculty) will be given a second chance to sit in the examination when conducted by the Department/ College/ Institute/ School

16. Thesis Submission / Defense

16.1 A research article should be published before the notification of degree in an HEC recognized journal. ORIC will certify that the category of Journal in which researcher published his/her article from thesis is as per HEC requirement for the award of PhD degree in that particular subject.

16.2 The plagiarism check must be conducted on the dissertation by ORIC office before its submission to the foreign experts as per HEC policy.

16.3 On the completion of research work to the satisfaction of the supervisor/co-supervisor(s), 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 supervisor/co-supervisor(s) and Chairperson/ In-charge/ Principal/ Director of the Department/ College/ Institute/ School. An electronic copy on CD shall be submitted to ORIC office for plagiarism check. The ORIC office will forward the plagiarism check report and soft copy of thesis to Office of Controller of Examinations. The Controller of Examinations shall send hard and soft copies (provided through ORIC office) of the thesis to both local and foreign 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 this 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 Six/Seven hard bound copies of PhD thesis (including one for HEC) with black cover and silver ink shall be submitted to the Controller of the Examination Office upon successful defense of the thesis for following
   a)   Research Supervisor
   b)   Research Co-Supervisor (if applicable)
   c)   University Library
   d)   The candidate itself
   e)   Departmental Record
   f)   Controller of Examination Record
   g)   HEC Record

17. Appointment of Examiners and Evaluation of thesis

17.1 On the recommendation of the respective Board of Studies (BoS), a panel of eminent scholars (ten from abroad and five from Pakistan) out of departmental approved pool of examiners in the specified field, shall be approved by the AS & RB. Further, the Vice Chancellor will approve three examiners from the panel; two from the technologically advanced countries and one from the home country. The Controller of Examinations will send the thesis in electronic / hard form (as per demand) to the examiners.

17.2 Upon receipt of external evaluation (both foreign and local), 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 Chairperson/In-charge/Principal/Director of the Department/College/Institute/School and supervisor will 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 HEC shall be used for the defense) and viva voce (oral examination) conducted by the Chairman/ Principal/ Director.

17.4 Provided further that, the public defense and viva voce shall be conducted by two examiners of whom one will 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 local examiner (from Pakistan).

17.5 After successful public defense and viva voce examination, the Controller of Examination will notify the result with the approval of the Vice Chancellor. However, degree shall be awarded like that of other degrees.

17.6 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 will result in the dismissal from the candidacy.

17.7 If the examiners (including local and foreign) find that the thesis is wholly inadequate they may recommend that it be rejected without any further test.

18. Resolution of Conflict in Thesis Evaluation

If the thesis, though inadequate, is of sufficient merit in the opinion of at least two examiners (one foreign, one local), the Chairman may recommend to the Vice Chancellor to permit the candidate to resubmit it in a revised form within a period of one year. In case of difference of opinion amongst the examiners, the thesis shall be referred to a fourth examiner (foreign) whose appointment shall be approved by Vice Chancellor from the already approved panel. If, after the receipt of the report of the fourth examiner, two foreign / external examiners recommend the award of degree the viva vice process may be started. If (s)he fails to obtain a recommendation in his/her favour from two foreign/external examiners even in the second evaluation his/her thesis shall be rejected finally.

Repeal: The existing Regulations may please be repealed. However, the cases arising under the repealed Regulations shall be governed by those Regulations.

Admission Regulations - Annual System (Undergraduate & Graduate)
(Applicable to Faculty of Medical & Health Sciences)

These Admission Regulations were formulated upon the directions of the Hon'ble Vice-Chancellor UOS, and were approved by the Syndicate of University of Sargodha. These are based upon Admission criteria as determined for MBBS class, by the Govt. of the Punjab for all Public Sector Medical Colleges of Punjab and for all other classes as per UOS admission rules amendable from time to time, for Sargodha Medical College and other departments being run under this faculty.

1. Regulations:

1.1 Recognition & Affiliation

Sargodha Medical College is recognized by PM & DC Islamabad. It is affiliated with University of Health Sciences, Lahore for the purpose of examination & award of MBBS degree. It is also accredited by College of Physicians & Surgeons of Pakistan, Karachi for FCPS (Part-II) & MCPS training in various disciplines of Medical Education. All other degree and postgraduate programs are approved by the University of Sargodha and accredited by the HEC, Government of Pakistan.

1.2 Seats Allocation (Applicable to Main Campus only in case of MBBS)

All Classes

I. Regular	40%
II. Self Support	
a. Local	40%
b. Foreign/Overseas Pakistanis	20%
Total	100 %

One (01) seat in MBBS (Regular) is reserved for disabled persons possessing disability certificate issued by the competent authority after vetting by Punjab Admission Board / Disability Committee of University of Sargodha. The eighty (80) regular seats of MBBS will be filled by the Punjab Admission Board on open merit basis. Remaining seats in MBBS and all seats in other programs will be filled by the concerned Admission Committee on merit basis.

1.3 Eligibility Criteria:

The admissions shall be open on Regular seats in MBBS Program, to the individuals domiciled in the province of Punjab. Only those candidates having appeared in MCAT of current year (Government of the Punjab Admission Board Test). In all other disciplines, irrespective of the gender, admissions shall be granted purely on merit as per the criteria laid down in the prospectus.

1.4. Regular Seats:

1.4.1 Applicants having domicile of Punjab Province shall be eligible to apply for admission to Govt. of Punjab Admission Board in case of Regular seats of MBBS and directly to HEC Islamabad for admission on Foreign/Oversears Seats in MBBS and for all seats in case of other programs to the department concerned.

1.4.2 Applicants must have secured 60% unadjusted marks in F.Sc.(Pre-medical) or equivalent examination (excluding the marks of Hafiz-e-Quran) for MBBS and 55% for all other programs respectively.

1.4.3 Candidates who possess qualification equivalent to intermediate (Pre-Medical) in the subjects of Physics, Chemistry, Biology and English can apply for admission. The equivalence of qualification and calculation of marks of the candidates holding qualification other than F.Sc (Pre-Medical) shall be determined by the Inter-Board Committee of Chairmen (IBCC), Islamabad and the candidates will be required to produce the equivalence certificate alongwith the admission form.

1.4.4 For MBBS The Entry Test shall be valid for current year only. In all other programs no entry testis required.

1.5. Self Support Seats

1.5.1 Local Seats:

1.5.1.2 The self support local seats are available in all programs except MBBS and such candidates will apply directly to the department concerned.

1.5.1.2 Dues for Self Support Local Seats will be with special additional charges alongwith usual fee applicable to all other regular students.

1.5.2 Foreign / Overseas Seats

The interested candidates will apply directly to the College/Sub-campus/Department on UOS Admission Form. Dues for Foreign / Overseas seats will be as under:

MBBS (US$ 7000 Per Annum additional along with normal College dues.)

All other programs (US$ 1000 Per Annum along with normal College dues.)

1.6 Procedure for submission of application:

1.6.1 The applicants are required to apply to the Chairperson Punjab Admission Board for Regular Seats in MBBS and the Principal/Director/Chairperson concerned, directly in case of all other seats in all other programs. In case of Foreigner/Ex-Patriate Pakistani Seats, the candidate will apply indirectly through Higher Education Commission, Islamabad/ Ministry of Economic Affairs, Govt. of Pakistan, Islamabad .

1.6.2 The applicants desirous to avail the opportunity in different Categories at a time are required to submit Separate admission forms/applications for each category.

1.6.3 The merit list shall be prepared by the quarter concerned, based on the availability of seats, according to the choice given by the applicants. The preference once given shall be treated as final.

1.7 Documents required with Admission Form:

1.7.1 One attested photocopy of each of the following documents.

1.7.1.1 Matric or equivalent(Marks sheet + Certificate)

1.7.1.2 FSc or equivalent certificate(Marks sheet + Certificate) both parts

1.7.1.3 Hafiz-e-Quran certificate (where applicable)

1.7.1.4 Character Certificate of the college/institute last attended.

1.7.1.5 Entry Test result of current year in case of MBBS.

1.7.1.6 Domicile Certificate: Domicile certificate once submitted with the application cannot be changed and shall be considered as final. Any candidate found to have domicile of more than one place will be disqualified for admission in the college, even if caught at later stages.

1.7.1.7 CNIC / Form "B" issued by NADRA

1.7.1.8 Medical Fitness Certificate in original by a Registered Medical Practitioner / Government Medical Officer, with PM&DC Registration number certifying that the candidate have been fully vaccinated against Hepatitis, Tetanus and Enteric fever.

1.7.2 An affidavit on stamp paper of Rs. 20/- duly attested by the Judicial Magistrate/Oath Commissioner) should be enclosed with the application form:-

1.7.3 Four recent photographs (passport size) of candidate, 03 attested on the back and one pasted on the application form attested from front side.

1.7.4 The list of selected candidates shall be notified and displayed on the College/Sub-campus/ Department Notice Boards & Website.

1.7.5 Revision of result or improvement of marks by the Boards shall not affect the merit list in the current year in any way.

1.7.6 All Original Certificates shall be produced by the candidate at the time of admission and/or interview.

1.8. Admission Committee

1.8.1 The admissions shall be made by the Admission Committee notified by the Principal/Director/ Chairperson concerned comprising the following:

1.8.1.1 Chairperson, Admission Committee.

1.8.1.2 Heads/Representative of any 03 basic departments.

1.8.1.3 One or more co-opted members from the staff.

1.8.1.4 Incharge, Admin Office / Office Assistant of College /Sub-campus/Department concerned as Secretary Admission Committee.

1.8.2 The Admission Committee will be facilitated by other Boards/Committees etc as and when desired.

1.8.3 Decision of the Admission Committee in respect of admission/selection of the candidates will be final.

1.9. Admission Process

All Degree / Diploma Programs

1.9.1 Merit Calculation

The final merit of will be determined as per the following criteria:

FSc. / Equivalent Examination (Adjusted marks)….....100%

1.9.1.1 Being a Hafiz-e Qurran, Twenty (20) marks will be added to F.Sc. Marks in case of admission in any graduate program, subject to verification of the Certificate issued by the competent boards etc.

1.9.1.2 According to the aggregate marks, whenever two or more than two candidates are bracketed, the one senior in age will be given preference to the other for the purpose of admission.

1.9.1.3 Any appeal with reference to merit list should reach the Principal/Chairperson concerned within 03 days of display of the merit list.

1.9.2 Merit List Preparation:

1.9.2.1 The final merit list of candidates will be prepared by the Admission Committee, verified by the Principal/Chairperson concerned. The Dean, Faculty of Medical & Health Sciences shall be competent to rectify the errors or omissions found in the merit list /selection list at the time of selection of candidates.

1.9.2.2 The Admission Committee shall determine the admissions as per the merit exhibited by the applicant.

1.9.2.3 Candidates applying for admission, shall be considered for selection according to the Priority opted by them in Admission Form and merit.

1.9.2.4 Foreign/Overseas seats will be filled as per recommendations/ selections by the Higher Education Commission Islamabad, Pakistan.

1.9.2.5 Postal application should be addressed to the "Principal/Chairperson concerned", University of Sargodha, Sargodha. These applications should reach the college office well before the closing date. Any deficiency will not be reported to the candidate and the responsibility of completeness of the form, as per prospectus lies with the candidate. No correspondence will be done in this regard further.

1.9.2.6 If considered necessary, the Admission Committee may call any candidate for interview at his/her own expenses.

1.9.2.7 The Admission Committee may refuse admission to any candidate but seems to be unsuitable or unlikely to become a good doctor,

with reasons to be recorded in each case at the time of interview. In case such a candidate is admitted, he can be struck off the rolls of the college, after issuing a notice to him/her to that effect. Such candidates whose particulars e.g. Marks certificates or any other document submitted with the application form are found to be incorrect or wrong or whose authentication is doubtful will be struck off from the College roll, even if they have been admitted. A student can be removed during the course of his/her study at any stage if incorrect or wrong information has been submitted by such a student, which formed the basis of his/her admission. The Principal can forfeit fee and other dues paid by such a candidate. In addition a candidate making any false statement is liable to have legal actions, which the College may deem fit to take. Similarly father/guardian making any false statement is also liable to legal action.

1.9.2.8 Any candidate detected to have submitted forged certificates or fake documents with the application form shall be permanently debarred from admission.

1.10 Medical Fitness Evaluations

The candidates shall be examined at the time of admission by the University Medical Officer. The candidate must be physically and mentally fit and should bring original medical certificate issued by any registered Govt. Medical Practitioner (BS-17 or above) stating fit in all aspects at the time of admission. During the study in medical college/ hospital, the students are exposed to various germs, therefore, the candidates are required to have the following vaccinations prior to admission:

1.10.1 Vaccinated against the enteric fevers within preceding 12 months.

1.10.2 Fully vaccinated against Tetanus.

1.10.3 Fully vaccinated against Hepatitis "B" virus.

X-Ray of any part of the body, or any other investigation if required shall be at the candidate's expense.

1.11 Enrollment Regulations

1.11.1 No student will be considered to have been

admitted unless he/she has paid the fee & other dues.

1.11.2 A student, who is admitted to the first year class because of his/her having paid the fee etc., but continuously absents himself/herself for a period of two weeks without any genuine reason, his/her admission will be cancelled and the seat may be filled by the next candidate merit list as per rules.

1.11.3 Admission will be closed as per the advertisement of the University. However, if any vacancy occurs as a result of a candidate having been struck off the attendance rolls due to any reason, it will be filled in to safeguard the right of the next person on merit up to the end of the first year class. However he/she shall not be permitted to appear in the Annual Examination till he/she has attended at least 75 percent lectures/ practical classes / tutorials and has shown over all good performance in class tests during the year.

1.11.4 The Admission Committee shall verify all certificates submitted by the candidates as early as possible from the concerned Board/University/Authority. The students whose certificates/documents are found incorrect or wrong in any way shall not be considered for admission and if admitted provisionally their admission will be cancelled without any notice. The candidates will have to pay the actual amount as documents verification fee.

1.11.5 There will be no refund of fee in any case whether on Regular, Self Support Local or Foreign (Ex-Patriate & Overseas) Seats.

1.11.6 If a candidate admitted already, intends to Cancel his/her admission on his/her own request, the dues deposited by him/her will not be refunded at any stage and no claim in this regard will be entertained.

1.12 Admission Closure and Age Limits

1.12.1 Admission of any kind shall close with effect from date of 1st Admission List display to 03 months afterwards.

1.12.2 The maximum age limit of the candidate for the regular admission in all undergraduate & postgraduate programs shall be 24 & 30 years respectively which shall be relax able by the Dean concerned in Special cases.

1.12.3 There shall be no age limit for the candidate getting admission on Self Support Basis in any discipline if there are nominated and supported by any department/organization.

1.13 Dispute Regarding Admission

All disputes related to admission process shall be resolved by the Admission Committee after reception of complaints from the actual affectees only. The matter if not resolved by the Admission Committee, be referred to the Principal/Chairperson concerned for decision who will forward the case to the Dean, Faculty of Medical & Health Sciences whose decision will be the final. Legal suit if any will only be applicable in local court of Sargodha and not at any other place.

1.14 Fee and Subscriptions

1.14.1 Newly admitted students must pay their fee & other dues. Students name shall not be entered in the attendance registers unless he/she has paid the dues.

1.14.2 All students must pay their dues by the date fixed by the authorities.

1.14.3 If the dues are not paid within due dates, defaulting students' names will be struck off the college/department rolls. Re-admission will be allowed on payment of Readmission fee @ Rs. 5000/- in addition to the college fee and other dues.

1.14.4 Fee and other charges subscriptions shall be determined by the University from time to time. However, for the present session rates shall be applicable as given in the table separately in the prospectus.

1.14.5 Fee once paid shall not be refunded in any case, even in the case of students, who are prevented to attend the classes, by illness or other reasons beyond their control during the year for which they have paid the fee.

1.14.6 The detained students of any class including final year will have to pay full dues for the particular year.

2. Disciplinary Regulations

2.1 Discipline:

2.1.1 Anybody who gets admission, will have to abide by the discipline, rules, and regulations of the University enforced at present and amendable from time to time by the University Authorities in future. All students will remain attached only with academic and other extracurricular activities, which are allowed by the University for the Healthy Growth of body and mind. No student will be permitted to take part in any type of political activity or agitation and will not involve in matters of ill-discipline in any case or at any stage. All such matters will be handed over to the College/Departmental or the central Discipline Committee, UOS. The decision of the competent authority will be final and applicable on all students admitted and will not be challenge-able in any court of law in the country or abroad. The students are bound to pay all dues and will remain punctual in attending the classes.

2.1.2 The students remain absent from teaching programs without prior permission of the Authorities will be dealt as per University rules/regulations.

2.2. Uniform

College uniform for all the students will be as follows:-

Boys: Gray Trouser, White Shirt with closed collar. Maroon Blazer / Sweater alongwith maroon neck scarf in winter. Black shoes with black socks.

Girls: White Shalwar, White Shirt and Dopatta, alongwith triangular maroon head scarf. Maroon Blazer/Sweater in winter. Black shoes with black socks.

2.3. Attendance

Every student is required to be punctual at the hours notified for lecture, practical and tutorial classes. A 75% attendance is necessary to appear in the final examination to be held each year. A student if remains absent from a class without a prior application shall be charged with a fine @ Rs. 10/- per lecture/tutotial/practical etc. Such absentee shall be recorded by each department and sent at the end of each month to the Principal/Chairperson concerned, by all the heads concerned for implementation.

2.4. Conduct of Classes

Every student is required to be punctual at the hours notified for lecture/tutorial and practical classes from time to time.

2.4.1 No student is allowed to leave the lecture room without the permission of his teacher or until the class is dismissed.

2.4.2 Immediately after assembly of the class, the roll call will be taken. A student coming late into the class room will be marked absent unless his excuse is accepted by the teacher. Any student misbehaving in the class room shall at once be reported by the teacher to the Principal/Chairperson concerned, who will take such action as he may deem fit.

2.4.3 Students are not permitted to remain in the lecture/tutorials or practical room except during the prescribed hours of lectures.

2.5. Class Examination

2.5.1 Students are not allowed to take textbooks, notes or manuscript of any kind into the examination hall.

2.5.2 Any student found infringing the examination rules or having recourse to unfair means may be expelled from the examination and the matter shall be reported to the Principal/Chairperson concerned who may refer his/her case for action to the disciplinary committee.

2.5.3 Late comers for more than 15 minutes after the start of paper will not be allowed to enter the examination hall.

2.6. Leave Rules

2.6.1 All leaves of absence from the college/department with the exception of sick leave will be without scholarship.

2.6.2 Sick leave will only be granted by the competent authority, on the production of an application duly signed by the father/guardian showing a valid acceptable reason and clearly mentioning the duration of the leave alongwith a medical certificate from university medical officer or any other medical practitioner of the College except when the student is already on leave out of station.

2.6.3 In all cases leave taken will be at the student's own risk so far as the percentage of attendance is concerned and even medical certificate will not condone a deficiency in attendance.

2.6.4 Students must not leave the station without permission of the Principal/Chairperson concerned. In case of hostel resident a permission from the Warden is also necessary.

2.6.5 A student, who is absent without leave continuously for a period of two weeks, will be struck off the college/department roll.

2.7. Students Medical Certificate & Treatment

2.7.1 For medical leave upto 07 days, all Boarders/Non boarders must obtain a medical certificate from a Govt./UOS Medical Practitioner/Consultants duly verified by the MS DHQ Hospital concerned and University Medical Officer (UMO) designated.

2.7.2 Medical Certificates recommending rest for more than 7 days, must be signed by a Professor/ Associate/ Assistant Professor of any medical college or Director UMC & RC or MS/Chief Consultant of any DHQ Hospital in all cases.

2.7.3 Medical certificate in support of absence must be produced at the earliest possible date or within a week of the absence time.

2.7.4 A medical certificate must specify the nature of the illness and the period with dates of leave recommended.

2.7.5 For implementation, all medical certificates issued from anywhere must be verified/countersigned by the University Medical Officer designated.

2.7.6 Students who fall ill will be provided treatment on outdoor basis by the University Medical Complex/DHQ Hospital. Medicines available in UMC/DHQ hospital will be provided on doctor's prescription. Students requiring hospitalization will be entitled to have the facilities of general ward patients.

2.8. Books and other Teaching Materials

Every student shall present himself with all the prescribed text books and other necessary appliances. The student can be issued books from College / Departmental Library or from UOS Central Library on Library Cards.

2.9. Correspondence

2.9.1 Students desirous of addressing the Principal/Chairperson concerned by a letter must do so separately. Joint applications are prohibited and will not receive attention.

2.9.1 Any student wishing to make a representation on any subject has the right of direct access to the Principal/Chairperson concerned at any time during office hours.

2.9.1 The Dean Faculty, Principal/Chairperson concerned, Professors and other staff are accessible at any time for listening to the difficulties & grievances of students & shall always be pleased to advise them.

2.10 General Rules

2.10.1 Students are required to observe order & discipline at all times in college

2.10.2 Smoking within the premises is entirely prohibited.

2.10.3 No game of any sort is to be played during working duty hours.

2.10.4 Displaying & distribution of partisan and political pamphlets or circulars etc., in the college/department, hostels and hospitals premises are not allowed.

2.10.5 All irregularities, neglect of duties and breach of discipline are to be brought to the notice of the Principal/Chairperson concerned by the professors under whom the student is working.

2.10.6 Every student to whom books or other property of Govt. is entrusted shall be held responsible for their preservation in good condition and in the event of their being lost or damaged shall be required to replace them or repay their cost.

2.10.7 Any student breaking or damaging any government property shall be required to pay the cost of repair or replacement.

2.10.8 In case of willful damage, he shall be punished under the existing disciplinary rules.

2.10.9 Mobile phones are not allowed in lecture/practical/ tutorial classes & hospital wards during the working hours.

The students must understand that so long as they are students of the College/Depatment concerned, they will do nothing either inside or outside the College/Department concerned, Hostels and Hospital premises, that interferes with the UOS orderly administration and discipline or may cause bad repute to the Administration. Anybody found guilty will be dealt with as per University discipline rules.

Examination Regulations - Annual System (Undergraduate & Graduate)
(Applicable to Faculty of Medical & Health Sciences)

1. General (Common for all undergraduate & postgraduate)

1.1 University of Sargodha shall hold 01 annual and 01 supplementary examination for each session.

1.2 Examination Schedule shall be prepared by the Controller of Examinations in consultation with Principal/ Chairperson subject to the approval of the Vice Chancellor.

1.3 Controller of Examination shall prepare and notify the Date Sheet for written and practical examination. Date sheet once notified, shall not be changed however the Vice Chancellor, under exceptional circumstances in writing, may allow a change in the date sheet.

1.4 The Principal/Chairperson concerned must certify that the candidates have actually attended 75% of the lectures delivered and practical/clinical sessions conducted during the academic year in each subject taught.

1.5 The candidate shall be required to submit their Admission Forms on or before the date notified for the purpose along with prescribed regular fee and with double the normal fee till seven days before the commencement of the examination. The Examination Department shall not entertain the Incomplete Admission Forms.

1.6 Examination fee once deposited shall not be refundable.

1.7 Information provided by the candidates in Admission Forms shall be used to make the list of Examinees and transfer subsequently to Roll Number Slips and Admittance Cards. Subsequent change, claimed by the candidate after preparation of Admittance Card and Roll Number Slip, shall be made with the approval of the Controller of Examinations on verification by the Principal/ Chairperson concerned along with the prescribed fee.

1.8 Admittance Cards and Roll Number Slips of the eligible candidates shall be sent to the department concerned at least five days before the commencement of the examination. A copy of Roll Number Slip shall be sent to the Centre Superintendent and a record of Roll Numbers shall be maintained in the office.

1.9 Admittance Card and Roll Number Slip, shall bear the stamp of the Controller of Examinations, and shall have the particulars of candidate, name of the Examination Centre, candidate's signature with his latest photograph pasted.

2. Withdrawal of Examination Admission Forms

An Admission Form, once submitted to the University, may be withdrawn under the following conditions only;

2.1 When a candidate's admission form has been sent up provisionally for shortage of attendance and that shortage has neither been made up nor condoned in accordance with the Regulations.

2.2 When a candidate ceases to be on the rolls of the University for Non-payment of dues or any other reason provided that such action has been taken before the commencement of the examination.

2.3 When a candidate has been rusticated before the commencement of the examination.

2.4 When a candidate has been declared passed after revision of the result on account of rechecking.

3. Student Internal Assessment

3.1 Final University examination of each subject shall contribute 90% to total score, and the contribution of score of Internal Assessment shall be 10%.

3.1.1 Continuous internal assessment shall consist of annual cumulative attendance & other assignments, e.g. stages/sub-stages, class tests etc., attitudinal assessment from educational and/or clinical supervisors, clinical skill assessment from clinical supervisors, and Year's work books.

3.1.2 Assessment of Knowledge, Skills and Attitude shall contribute towards internal assessment. Methods used to assess these domains shall include Multiple Choice Questions of one-best type, Short & long essay questions, Oral/viva, and Practical/ Clinical examinations.

3.1.3 Awards of internal assessment in all the subjects of all the candidates shall be submitted to the Controller of Examinations along with Admission Forms for the annual examination. Internal assessment received after commencement of the final examination shall not be accepted.

3.1.4 The marks of internal assessment shall be submitted only once a year prior to annual examination and the same shall be counted both for annual and supplementary examinations. It is further emphasized that fresh assessment or a revision of assessment for supplementary examination shall not be permissible.

3.1.5 Proper record of continuous internal assessment shall be maintained by respective department.

4. Appointment and Duties of Paper Setters/ Assessors The Paper Setter shall set at least 03 Question papers I-III (01 for Annual & Supplementary each and 01 spare shall be selected at random from the 03 papers) for a certain Subject to be examined by the University:

4.1. Paper Setters/Assessors shall be appointed by the Vice Chancellor for undergraduate and postgraduate examinations of the University from amongst the panel of names duly recommended by the concerned Board of Studies. The Paper Setter may request for sample paper from the constituent / affiliated Department / Institute concerned, where the program is offered.

4.2 The Vice Chancellor may appoint a suitable substitute, if necessary, with reasons to be recorded.

4.3 Qualifications prescribed for Paper Setters / Assessors in various subjects for undergraduate and postgraduate examinations of various disciplines shall be in conformity with the regulations framed by university of Sargodha for examiners.

4.4 All Examiners/Paper Assessors shall be the HOD/Senior-most member in faculty for that subject in Colleges/ Departments.

4.5 All Paper Setters shall always be from the faculty member of the college/Department in the main campus of the University. However all initial Paper Assessors for marking of theory papers will be selected at random from the list of all available internal examiners of the relevant subjects from constituent / affiliated Departments / Institutes of UOS. The Vice Chancellor may appoint Paper Setter/Assessor/Examiners from other Institutions/ Universities provided he fulfills the minimum prescribed criteria i.e. minimum of 02 years of teaching experience in the relevant subject.

4.6 A Retired Professor may be appointed as Paper Setters/ Assessors/Examiners for up to 10 years after the date of retirement provided he/she is in good health.

4.7 In a Subject where post graduate teachers Assistant & Associate Professors with requisite experience are not available, a teacher with recognized, relevant postgraduate qualifications / experience eligible to be appointed as a teacher according to university of Sargodha regulations may be appointed as a Paper Setters/Assessors/Examiners.

4.8 Paper Setters/Assessors/Examiners shall be appointed for 03 consecutive years from the first appointment. Final Paper Setters/Assessors/ Examiners can be appointed again in future.

4.9 No person shall be appointed as Paper Setters/ Assessors/ Examiners whose close relative (Wife, husband, son, daughter, adopted son, adopted daughter, grand-son, granddaughter, full and half brother and sister, niece/nephew, brother and sister in law, son and daughter in law, paternal and maternal uncle and aunt etc.) is appearing in the examination. A Paper Setter shall decline the appointment if he/she has been appointed inadvertently.

4.10 No person shall be appointed as a Paper Setter/ Assessor against whom previously there has been an adverse report, an inquiry pending or a decision in this regard made by the Vice Chancellor.

4.11 The Vice Chancellor shall have the power to cancel the appointment of a Paper Setters/Assessors/Examiners without assigning any reason.

4.12 No faculty member shall claim an inherent right to be appointed as a Paper Setters/Assessors/Examiners. The Board of Studies concerned shall take into account reputation and previous conduct of every faculty member prior to his/her appointment as a Paper Setters/ Assessors/Examiners.

5. Process of Paper Setting

5.1. The correspondence with Paper Setters/ Assessors/ Examiners shall be made at the residential address.

5.2 Final Paper shall be selected by the Department of Examination from 03 question papers set (Paper I, II & III) by the Paper Setter. Under no circumstances shall Final Paper Setting be permitted at any place other than that specified above.

5.3 Paper setter are requested to ensure the following

5.3.1 The Paper Setters/Examiners are requested to ensure to design the questions with utmost clarity; vague expressions like 'Discuss' or 'Give an account' should not be used.

5.3.2 The question paper should be written in one's own handwriting/ type written and for preparation by using capital letters on the paper provided for this purpose.

5.3.3 The question paper shall be strictly in accordance with the syllabus.

5.3.4 Figures shall be labelled properly.

5.3.5 No abbreviations shall be used.(unless it is universally applicable)

5.3.6 Questions shall be fairly distributed over the whole course.

5.3.7 The sum total of all the questions as recorded in the margin specified for this purpose shall accurately correspond with the total marks of the question paper.

5.3.8 Corrections and overwriting shall not be allowed. If any correction is required the question paper shall be rewritten.

5.3.9 Every paper (including continuation sheet) shall be properly signed.

5.3.10 Sketch or figure, if required shall be drawn on a separate page signed and attached to the question paper.

5.3.11 Every question paper shall be kept as a top secret document and no copy of any question paper shall be retained

5.3.12 The "key" (agreed answers/weightage) for all the questions shall be prepared in the prescribed manner and enclosed with the office copy.

5.3.13 The reference to textbooks and content area of syllabus for every question in the paper shall be provided. This shall be written legibly below each question.

5.4 All rough work done during the process of Paper Setting shall be sealed in a separate envelop and handed over to the Secrecy Section for shredding.

5.5 Paper Setter shall be required to sign an undertaking to the effect that he has carefully studied all the instructions given above and has followed these faithfully

5.6 Paper Setter / Assessor shall certify vide that he/she has no close relative appearing in the ; examination in which the paper set by him/her is to be used.

5.7 Paper Setter may also be appointed as Practical Examiner and Paper Assessor.

5.8 Paper Setter / Assessor shall keep his/her appointment strictly confidential and no indication of it shall be given to any person directly or indirectly.

5.9 Paper Setter / Assessor shall promptly communicate any change in his/her residential/official address and telephone numbers to the Controller of Examinations.

5.10 All the records pertaining to the examination shall be kept secret by all concerned as long as it is necessary and thereafter, these shall be kept and treated as confidential and privileged documents not open to inspection, comments and utilization other than the purpose for which required.

5.11 The University may frame and amend Regulations from time to time governing the appointment of Paper Setters/ Assessors/ Examiners and the manner in which they shall be required to perform their duties.

5.12 QUESTIONS

5.12.1 Sample Questions shall be invited from all relevant Faculty members/ Paper Setters/Assessors/ Examiners throughout the country. All such

Questions shall be scrutinized by a panel of subject experts recommended by Board of Studies concerned and Questions labelled "Satisfactory" shall be deposited in Questions Bank.

5.12.2 Paper Setter shall select Questions from Questions Bank prepared from the relevant data obtained from all Departments / College / Institutes concerned. While setting the final Questions paper, he shall ensure that:

  5.12.2.1 The Content Validity is in excess of 80%.

  5.12.2.2 The MCQs are included to assess knowledge at all levels, i.e., simple recall, conceptual knowledge, data interpretation, and problem-solving skills.

  5.12.2.3 The 'Key' of every question be given.

5.13 Process of Paper Assessment

  5.13.1 In Theory Part assessment shall be carried out by both Initial and Final Paper Assessors/ Examiners notified by the Controller of Examination.

  5.13.2 Paper Assessor/Examiner shall mark only those answer books that have been labeled with fictitious roll numbers. Under no circumstances shall paper assessment be permitted with original roll numbers of the candidates.

  5.13.3 Paper Assessor/Examiner shall have no right to find out the original roll number of the candidate whose answer book he is marking.

  5.13.4 Initial Paper Assessor/Examiner shall mark allocated question(s) of all the candidates according to the 'Key' provided as specified by the Controller of Examinations with approval of the Vice Chancellor.

  5.13.5 Final Paper Assessor/Examiner shall evaluate the marks of Initial Assessor, according to the 'Key' provided with the question paper and compare the marking of all Initial Paper Assessor and give the final award in his column

on answer sheets. The award of the Final Paper Assessor will be considered final for evaluation by the Examination Department.

  5.13.6 Any kind of marking by (Initial/Final Examiners) of the Transcripts/Answer Sheets shall strictly be central in the Main Campus of University of Sargodha or at the place specified by the Controller of Examination/Examination Department.

  5.13.7 Initial Paper Setter/Assessor can evaluate / assess maximum of 500 papers.

  5.13.8 In case, the 'Key' is not provided or is unsatisfactory, Paper Assessor shall be required to make it before assessment under intimation to the Controller of Examinations.

  5.13.9 Paper Assessor/Examiner shall not keep in his possession a record copy of the award list or the 'Key'.

  5.13.10 Paper Assess or shall keep his appointment strictly confidential and no indication of it shall be given to any person directly or indirectly.

  5.13.11 Paper Assessor/Examiner shall promptly communicate any change in his residential/ official address or telephone numbers to the Controller of Examinations.

  5.13.12 When a Paper Assessor/Examiner anticipates his inability to complete the work for any valid reasons to be recorded, he shall forthwith return the marked/unmarked answer books to the Assistant Controller (Secrecy).

  5.13.13 The answer book shall be marked even if a candidate has crossed a portion or the entire answer book.

  5.13.14 Blank answer book shall be crossed and awarded zero and entry made, as such, in the award list.

  5.13.15 After assessment, all Paper Assessor/Examiner shall arrange the answer books in serial order and prepare the award list in the same sequence.

  5.13.16 The marks entered on the title page of answer book shall not be altered. When such an alteration is made for any specified reason, the original marks shall not be erased or overwritten

and must be re-signed.

  5.13.17 The Paper Assessor/Examiner shall draw a line crossing the marks to be corrected in such a way that what has been cancelled is still legible and then enter fresh marks with his signature against the cancelled ones.

  5.13.18 Each answer book shall bear the signature of the Paper Assessor/Examiner at the appropriate place provided for this purpose on the title page.

  5.13.19 All columns specified for the Paper Assessor/Examiner on the title page of answer book shall be filled in red ink.

  5.13.20 Award of fractional marks is not allowed.

  5.13.21 Award list shall be filled in with blue ink in the handwriting of both the Paper Assessors/ Examiners.

Each page of the award list shall bear the signature of the Paper Assessor/Examiner. The blank space must be crossed.

  5.13.22 The marks obtained by the candidate shall be entered correctly in the award list both in figures and words against the corresponding fictitious roll number.

  5.13.23 The marks of a candidate in the award list shall be the same as written in the answer book. Paper Assessor/Examiner must endorse correct question number on the script and the award list.

  5.13.24 The marks entered in the award list shall not be altered. When such an alteration is inevitable for any specified reason, the original marks shall not be erased or overwritten. The Paper Assessor/ Examiner shall draw a line crossing the marks to be corrected in such a way that what has been cancelled is still legible and then enter fresh marks with his signature against the cancelled ones.

  5.13.25 In case a candidate attempts more than required questions the question(s) having the minimum marks shall be treated as cancelled.

  5.13.26 Paper Assessors/Examiners shall report to the Controller of Examinations by roll number, the case of a candidate who;

5.13.26.1 Communicates or attempts to communicate with him by any means to influence him in the award of marks and/or persuades him, threatens and uses other unfair means.

5.13.26.2 Discloses name or makes in his answer book particular identification marks, which tend to identify his answer book or help reveal his identity.

5.13.26.3 In his opinion has copied the answer or, any part of it from another candidate or from any books, material or other source.

5.13.26.4 has attached to answer book a paper not normally supplied by the Centre

5.13.26.5 Uses obscene language in the answer book.

5.13.26.6 has removed a leaf or a part thereof from the main answer book

5.13.26.7 has in the opinion of the Examiner used any other unfair means

5.13.27 Such reports shall invariably be accompanied by the original answer book concerned. A duplicate copy of this report, however, shall be kept in place of the answer book in the packet of assessed answer books.

5.13.28 The Vice Chancellor shall have the powers to take a disciplinary action of such Paper Assessor who declines to attend the assigned duty of Paper Assessment without any valid reasons.

5.13.29 Paper Assessor/Examiner shall not keep in his possession any answer book or a part of it or any copy of the award list prepared by him.

5.13.30 The University may frame rules and regulations from time to time governing the appointment of Paper Assessors and the manner in which they shall be required to perform their duties.

5.13.31 Paper Assessor/Examiner shall be disqualified who commits faults as mentioned below:

5.13.31.1 Leaves unmarked answers or a part of it.

5.13.31.2 Leaves columns of the award list blank.

5.13.31.3 Leaves answer book or award list unsigned.

5.13.31.4 Allocates more marks than the maximum.

5.13.31.5 Makes an incorrect total.

5.13.31.6 Counts marks of over attempted questions.

5.13.31.7 Transfers erroneous marks to the award list.

5.13.31.8 Commits any other mistake which is liable to make the result of the candidates invalid or incorrect.

5.13.31.9 The decision shall be taken by the Vice Chancellor on the recommendations of the Controller of Examinations and the findings shall also be reported to Head of the Institution/Department.

6. **Duties of Practical / Clinical & G. Viva Paper Setters / Assessors/ Examiners**

6.1 Practical/Clinical Paper Setter/Assessor/Examiner appointed as an Examiner for Practical/Clinical & G. Viva Examination of the subject. The Internal Examiner is the one who has taught longer for at least six months for the particular subject (or part of it) of examination for which he is appointed.

6.2 External Examiner shall be the one who is not teaching (or has not taught during that academic year) candidates for the particular subjects of examination for which he is appointed.

6.3 Additional Examiner if applied shall also be the one who is not teaching (or has not taught during that academic year) candidates for the particular subject of examination for which he is appointed.

6.4 Convener Examiner shall be the one who acts as an examiner besides administratively supervising the work of other examiners in an examination for which he is appointed.
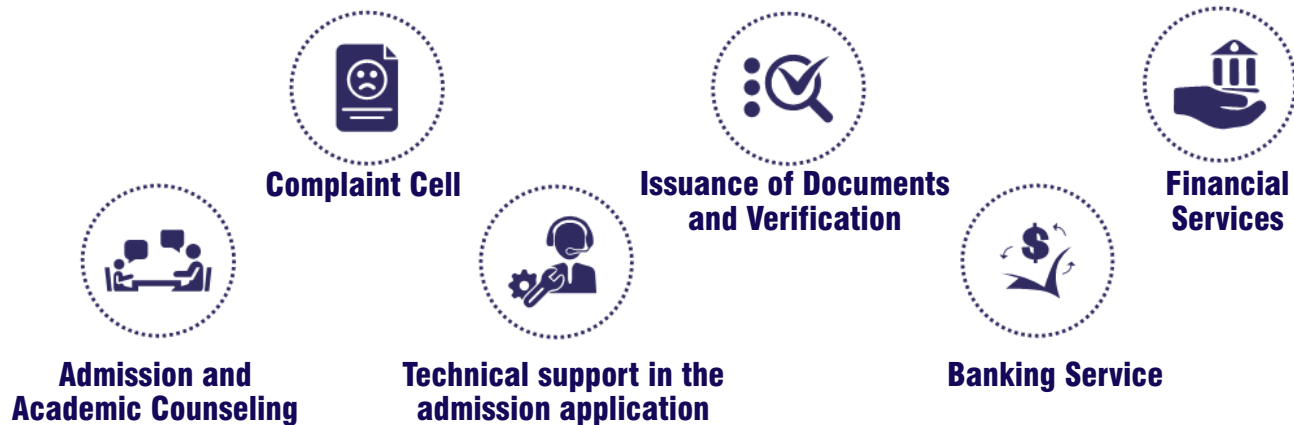
7. **Tabulation of Result**

7.1 Tabulation Section shall compile the results on computers from the Award Lists.

7.2 The Department of Examinations shall study and monitor the maintenance of a proper and justifiable balance between theory and practical examination. Any gross disparity shall be brought to the notice of the Vice Chancellor and Syndicate for appropriate action.

7.3 Any ambiguity arising out of result compilation i.e., distribution of marks, posting of marks from previous examination in case of failed candidates, pass marks etc. shall be resolved by the Assistant Controller (Tabulation) with the approval of the Controller of Examinations. Tabulators shall be responsible for any errors and omissions in the Results, Notifications and Detailed Marks Certificates.

7.4 Result shall be tabulated question-wise in predetermined format with fictitious roll numbers'

7.5 After tabulation of data, the result shall be decoded from fictitious roll numbers to original roll numbers. The marks of practical/clinical examination and from internal assessment, if any, shall then be computed by obtaining copy of original award lists.

7.6 Every detail of previous examination record and roll number shall be reflected accurately in the result of candidates detained in previous classes.

7.7 Result of a candidate shall be declared R.L (Result Later) on following accounts:

Lack of registration, old record, awards, etc. non-payment of fee, pending decision of unfair means/court case, pending verification of documents or eligibility for the examination concerned or any other inconsistency in the result pending clarification.

7.8 Result of the candidates in different examinations shall be compiled in accordance with Statutes and Regulations laid down for concerned course of studies.

7.9 Result shall be checked by the tabulator concerned and, after compilation, shall be duly signed by Assistant Controller (Tabulation).

7.10 Final results shall be declared only after a detailed final scrutiny is carried out by Master Checker appointed by the Vice chancellor for this purpose. The Master Checker shall make a detailed comparison with the original award lists eliminating any chances of error/omission in tabulated results and shall authenticate/sign all results.

7.11 All officers/personnel involved in the tabulation of result i.e., Tabulator, Assistant Controller (Tabulation) and Master Checker shall be the signatory to the final result and shall be held responsible for any error/omission.

7.12 Positions/Distinctions in the examination among all candidates shall be declared according to Statutes and Regulations and reflected on first page of the Result Notification.

7.13 Original result shall be kept with the Assistant Controller (Tabulation) in Tabulation Section, who shall make entry of declared result in record register and keep it in safe custody.

7.14 Detailed Marks Certificates shall be prepared, reflecting marks of the subjects in the examination, verified, and signed individually by the tabulator preparing the results, Assistant Controller (Tabulation) and any other person nominated by the Vice Chancellor

7.15 Detailed Marks Certificates shall be issued to all candidates, passed or failed, after the declaration of the result free of cost. However, a duplicate Detailed Marks Certificate, clearly labeled as 'DUPLICATE', shall be issued on payment of prescribed fee.

7.16 No candidate or any other person shall be provided any details of the result other than those given in Detailed Marks Certificate.

7.17 The Degree shall be prepared by concerned Section duly verified by Assistant Controller (Tabulation), Registration office, and the Controller of Examinations and, duly signed, shall be presented to the candidates at the time of Convocation.

7.18 In case a candidate is unable to receive the Degree at the time of Convocation, the same shall be issued on completion of prescribed formalities and payment of prescribed fee.

7.19 A duplicate Degree shall be issued only in case of loss after payment of prescribed fee duly supported by an affidavit and F.I.R.

7.20 The award of scholarships, medals and merit certificates shall be in accordance with rules and regulations.

8. Life of Records of Confidential Documents

The following maximum archived life of records of different documents in the Secrecy Section shall be observed

8.1 Question Paper files administered in different examinations shall be kept for 03 years after the conduct of respective examination.

8.2 Photocopy of bills of Remuneration paid to Paper Setters/Assessors/Examiners and Paper Assessors shall be kept for 03 years after the payment.

8.3 Solved Answer Books (Theory and Practical) and details of Lots/Perforated Slips, original awards (Theory and Practical), manual tabulation/results shall be kept for 03 years after the declaration of results.

8.4 Rechecking Files shall be kept for six months, after the decision of the cases (the date of decision will be reckoned from the date of issue of reply)

8.5 Unfair means cases files shall be kept for 03 years, after the decision of the cases (the date of decision shall be reckoned from the date of issue of notification.

9. Examination Promotion Rules for Undergraduate Students

9.1 Following examination shall be conducted during each year program.

9.1.1 1st year Examination held at the end of first year.

9.1.2 2nd year Examination held at the end of second year (if applicable).

9.1.3 3rd year Examination held at the end of third year (if applicable).

9.1.4 4th year Examination held at the end of fourth year (if applicable).

9.1.5 5th year Examination held at the end of final year (if applicable).

9.2 Any student who fails to clear the 1st year examination in four chances availed or un-availed after becoming eligible for each examination shall cease to become eligible for further education in University of Sargodha

9.3 Pass marks for university examinations are 50% in each subject. No grace marks or any such increase in marks by any other manner will be permissible.

9.4 The Regulations / Rules, mentioned anywhere contrary to this rule shall stand invalid.

9.5 In order to rationalize the result of each subject, the Final Paper Assessor (Theory) will act as Chief Examiner of the subject concerned. He will review the results of Theory / Practical and vet the award list. In case of any observation / objection, the Head Examiner will refer the case to the concerned Assessor for clarification / justification / rectification / correction etc. The award list vetted by the Head Examiner shall be final for declaration of results.

9.6 In case a student fails to pass the 1st, 2nd, 3rd, 4th & 5th year Examinations in the Supplementary / 2nd Annual Examination his Provisional Promotion to the next higher class shall stand automatically cancelled and he/she shall revert to the previous class.

9.7 If a student appears in the supplementary examination for the first time as he/she did not appear in the first annual examination and failed in any subject in the supplementary examination, he/she will be detained in the same class and will not be promoted to the next class.

9.8 The Principal/Chairperson reserves the right to detain any student from appearing in the University Examination at any stage, if in his opinion, the student is found to be short of attendance or bad performance in theory or practical of any subject or his work is reported to be unsatisfactory or if in the opinion of the Principal/ Chairperson, the character and conduct of the student is unsatisfactory

9.9 According to University regulations, candidates having less than 75% attendance in lectures and practical / clinical or having poor overall performance throughout the year, will not be allowed to appear in the examination.

9.10 Before appearing in the University Examination the students will be required to produce No Dues Chit from the all the quarters concerned. Those students who are unable to produce the same will not be allowed to appear in university professional examination.

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:

Bilal Ahmed
Manager

✉ info@uos.edu.pk
☎ 048-111-867-111

Complaint Cell

Issuance of Documents and Verification

Financial Services

Admission and Academic Counseling

Technical support in the admission application

Banking Service

- 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.
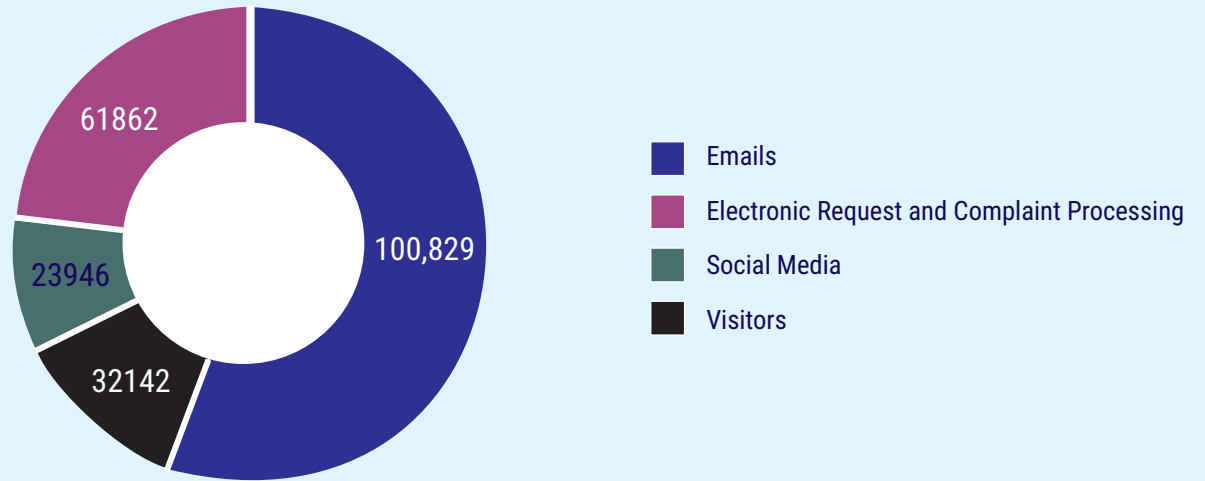
Queries Entertained from 2019 to 2022

Legend:
- Emails
- Electronic Request and Complaint Processing
- Social Media
- Visitors

Values shown in chart:
- 100,829 (Emails)
- 61862 (Electronic Request and Complaint Processing)
- 23946 (Social Media)
- 32142 (Visitors)

High-tech Online
Management System

Student
Help Line

Complaint Cell
to resolve students'
queries

HBL

Banking services
to deposit university
payments

FACILITATION CENTER

HOW TO APPLY ONLINE

6 Easy steps to submit an application successfully!

1 CREATE ACCOUNT

2 FILL YOUR PERSONAL INFORMATION

3 FILL YOUR ACADEMIC INFORMATION

4 FILL YOUR DEPOSIT PROCESSING FEE CHALLAN

5 UPLOAD SCANNED COPY OF DEPOSITED FEE CHALLAN

6 SUBMIT APPLICATION

Candidate must have a photograph, a mobile phone number, email, CNIC copy of both candidate as well as his/her father/guardian and copies of all testimonials before start.
Register your ID at admissions.su.edu.pk using your mobile number. Complete your online application form first.

A challan form for application processing fee worth Rs. 550/- (Rs. 950/- where admission test is applicable) will be generated which must be deposited in any branch of HBL. Then candidate has to attach the scanned copy of this deposited challan in the online application for its final submission.

HBL حبیب بینک

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.

The relevant department will generate enrolment fee challan form. After depositing fee challan in any HBL branch the departmental copy of this challan is necessary to be submitted in relevant department within the date mentioned on challan form for approval of admission/enrolment.

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