2020 PROSPECTUS
UNIVERSITY OF SARGODHA

University of Sargodha
2002

SARGODHA UNIVERSITY
PATHWAY TO PROGRESS

www.su.edu.pk

PROSPECTUS 2020

Disclaimer

The Prospectus for Fall 2020 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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Designed by: **Fahad Abrar**
Prepared by: **Directorate of Academics**

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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 ادا 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!

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MESSAGE FROM THE
CHANCELLOR

" It gives me immense pleasure to know that Sargodha University is making a mark in its global academic profile through impressive performance each year in the world's prestigious university rankings and received due recognition as the top 401+ young university of the world by Times Higher Education, 2020. In the wake of the Covid-19 pandemic, the preventive response of Sargodha University to continue the tradition of providing quality education and health care facilities to the community is commendable. Its smooth transition from traditional to digital mode of pedagogy for the successful completion of its academic year 2019-2020 is worth mentioning.

I firmly believe that the faculty and students of the University of Sargodha are committed to set-off on a journey of setting new trends in higher education with innovative policies during the academic year 2020-21. With its progressive reforms, the University has developed its repute as one of the leading public sector institutions. I hope that the young students will optimally use the opportunities offered by the infrastructure and academic facilities of the University to explore their potential.

Government of the Punjab, together with the Federal Government, will extend its full support and cooperation for the promotion of conducive learning environment to train the future leaders and entrepreneurs. I am sanguine that the University will steadily move towards academic excellence and become a role model for other institutes. "

Chaudhry Mohammad Sarwar
Governor Punjab

MESSAGE FROM THE
VICE CHANCELLOR

"

I am pleased to welcome the new entrants to our Fall 2020 admissions. Your admission in this great place of learning will, Insha'Allah, open up new horizons for your future professional success in the disciplines of your choice.

With its efficient staff and qualified faculty, Sargodha University offers modern teaching and research facilities to its students. We seek to equip our graduates with advanced knowledge, critical thinking and professional skills suitable for a highly competitive national and global job market.

Our mode of teaching at this university is not merely confined to imparting knowledge, but we also seek to inculcate among our students the rich cultural and religious values we have learned from our parents and elders. Hence, throughout the year, our campuses remain abuzz with scholarly events, co-curricular activities and sports competitions. The aim is to produce not merely skillful professionals but also responsible citizens.

We remain committed to providing quality education to the students by consistently improving our teaching standards and research facilities. Our progressive reforms have already enabled Sargodha University to be listed among top 401+ young university of the world by Times Higher Education and retained its position in the top 401-450 category of Asian universities in the QS Rankings 2020. And we have great plans for further consolidating its global academic profile.

I wish all of our new students an exciting time ahead. I have no doubt that you will all contribute to the rich heritage of quality education at this great institution. "

Dr Ishtiaq Ahmad

THE WORLD UNIVERSITY RANKINGS

Ranked **401+** YOUNG University of the World by THE World University Rankings 2020

QS

Retained its position as top **401-450** QS World University Rankings Asia 2020

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

Established Pakistan's **Fifth Confucius Institute**

WAZIR AGHA LIBRA

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

WELCOME TO UNIVERSITY OF SARGODHA

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, Agriculture college and Medical college in its suburbs, along with one sub-campus in Bhakkar, the University presently has around 24,000 students and 800 faculty members, including 300 PhDs, in 21 departments, three institutes, one school, and five 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 1,200 administrative staff. The University also has 260 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 to 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 and sub-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 has 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.

In recent years, Sargodha University has undergone major institutional and academic reforms to enhance its global profile. Consequently, in 2020, it is ranked by the Times Higher Education as 401+ Young University in the world, 401+ University in Asia, 500+ University in Emerging Economies, 600+ University Impact Ranking for SGDs, and 1000+ University in the world. The University also ranked 401-450 Asian University in the QS World University Rankings for 2019 and 2020.

The University has an ambitious agenda of quality-centric academic growth in the foreseeable future. It aims to become a hub of Higher Education in Pakistan and South Asia by 2025.

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.

GILGIT BALTISTAN

KHYBER PAKHTUNKHWA

KASHMIR

Sargodha

PUNJAB

BALOCHISTAN

SINDH

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

24000 STUDENTS

AROUND **800 FACULTY**

PHDS **300+**

150+ DEGREE PROGRAMS

24:1 STUDENT TEACHER RATIO

1 SUB CAMPUS

5 CONSTITUENT COLLEGES

3 INSTITUTES

1 SCHOOL

21 DEPARTMENTS

50 Undergraduate Programs

33 Graduate Programs

66 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 2020, the University has been ranked 401+ in Young University rankings, 401+ in Asian University rankings, 500+ in Emerging Economies rankings, 600+ in Impact rankings and 1000+ in World University rankings. It is also ranked 401-450 Asian University in the QS World University Rankings: Asia 2019-2020.

University of Sargodha
RANKED 601+

www.thewur.com

University of Sargodha
RANKED 601+
FOR LIFE SCIENCES
THE WORLD UNIVERSITY RANKINGS 2020
www.thewur.com

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

University of Sargodha
RANKED 401+
THE WORLD UNIVERSITY RANKINGS 2020 YOUNG
www.thewur.com

University of Sargodha
RANKED 1001+
THE WORLD UNIVERSITY RANKINGS 2020
www.thewur.com

University of Sargodha
RANKED 801+
FOR PHYSICAL SCIENCES
THE WORLD UNIVERSITY RANKINGS 2020
www.thewur.com

University of Sargodha
RANKED 501+
THE WORLD UNIVERSITY RANKINGS 2020 EMERGING ECONOMIES
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 401+ Young University of the world by Times Higher Education and retained its position in the top 401-450 category of Asian universities in the QS Rankings 2020.

Prime Minister Imran Khan and Chinese Premier Li Keqiang witness signing of MoU to establish the Confucius Institute at SU

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 700 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 2019-2020.

- **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 805 research papers during 2019-2020.

- **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.

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 operational in Fall 2020.

Shaping governmental policies towards quality education by shutting down five Public-Private Partnership sub-campuses and curtailing the number of private colleges' affiliations from 640 in 2017 to 260 at present.

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.

CHINA'S HANBAN DONATES PLAQUE OF CONFUCIUS INSTITUTE

Sargodha University received a specific plaque of the Confucius Institute from the Confucius Institute Headquarters, Hanban China, on April 29. Ms Salena Wang, the representative of Henan Normal University (HNU), China, presented the decorated plaque of the Confucius Institute to the Vice Chancellor Sargodha University.

Research Publications since 2010

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
354	323	492	438	511	520	487	608	745	805

孔子学院
Confucius Institute
at University of Sargodha
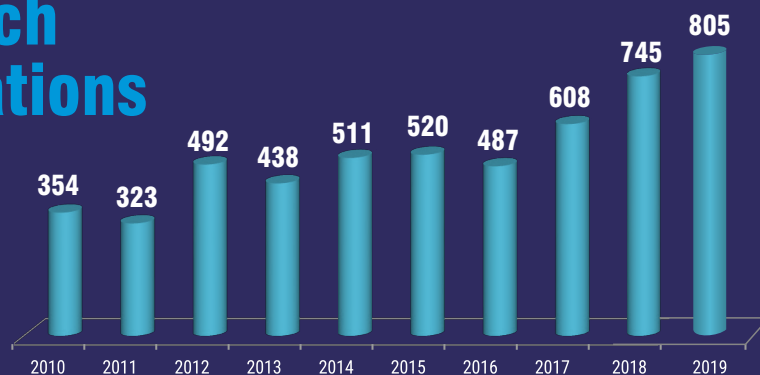
OUR PREVENTIVE RESPONSE TO THE PANDEMIC

The University of Sargodha took several initiatives to minimize the impact of the COVID-19 pandemic upon the faculty, staff, students and community through stringent policies for quality assurance in digital education and health care facilities.

Launched **Telemedicine Centre** to mitigate overcrowding in the hospitals.

Established **Field Hospital** with the capacity of **100 beds** to combat the capacity issues of public hospitals for corona patients.

Produced a cost-effective **hand sanitizer** by College of Pharmacy.

Donation of PKR **4.3 M** for the Prime Minister's Corona Relief Fund.

Initiated **Landmark National Drug Trial: PROTECT** to discover a reliable treatment for COVID-19.

Broadcasted an **awareness drive for COVID-19** through University's FM Radio 98.2 VOV for the illiterate masses in the regional local languages.

Turned our Hostels into **Quarantine Centers** to accommodate around **5000** people.

Organized an **International Conference on Future-Med 2020** to discuss the healthcare challenges and to better serve the future generation of the patients.
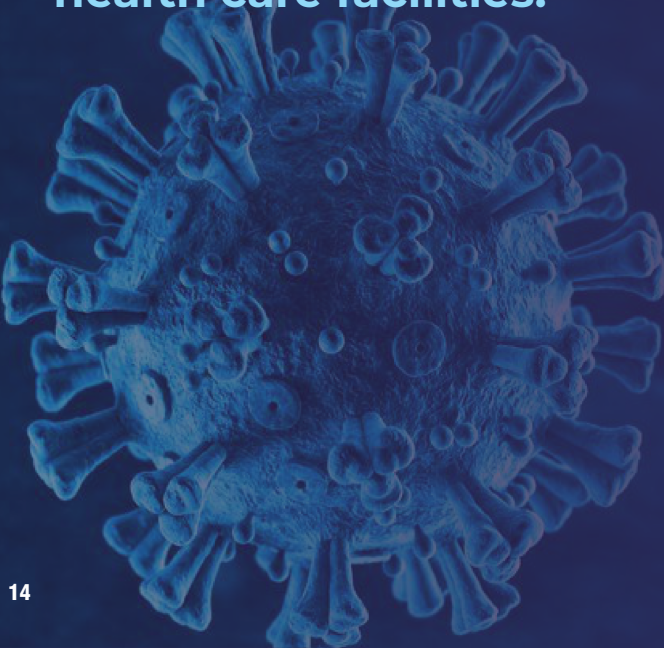
SUSTAINABLE POLICY FOR QUALITY ASSURANCE IN E-LEARNING

Smooth shift to **Digital Pedagogy** through zoom app without comprising quality education to avoid the academic loss of students.

Facilitated online teaching practices through **Learning Management System.**

Developed **online assessment module** to ensure transparent online examination.

Cultivated **Digital Pedagogy Skills** through faculty training.

Launched **Webinar Series** for intellectual collaboration with global scholars.

Registered for **Coursera for Campus** get to expedite virtual learning opportunities for the students and faculty at no cost.

Organized international conference **Emerging Issues of Information Landscape** to get accustomed to the challenges and keep libraries open through digital resources.

Ensured quality through **two-tier class monitoring and evaluation** process.

Provided access to **Digital Databases** and continued research activities virtually.

Addressed issues of **internet connectivity** and non-availability for students by giving them the option to freeze the spring semester 2020 without incurring any financial burden.

1 ACADEMIC EXCELLENCE

1001+
IN TIMES HIGHER EDUCATION UNIVERSITY RANKINGS 2020

RANKED
TIMES **801+**
FOR **PHYSICAL SCIENCES**
TIMES HIGHER EDUCATION SUBJECT RANKING 2020

RANKED **601+**
FOR **LIFE SCIENCES**
THE SUBJECT RANKING 2020

NEARLY
800
FACULTY

OVER
300 PHDS

AROUND
24000 STUDENTS

24:1
STUDENT TO ACADEMIC STAFF RATIO

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

401+
IN TIMES HIGHER EDUCATION YOUNG WORLD UNIVERSITY RANKINGS 2020

601+
IN **TIMES HIGHER EDUCATION IMPACT** WORLD UNIVERSITY **RANKINGS** 2020

MORE THAN
150
DEGREE PROGRAMS

501+
IN **TIMES HIGHER EDUCATION** EMERGING **ECONOMICS** WORLD UNIVERSITY **RANKINGS** 2020

2 RESERACH PRODUCTIVITY

20+
RESEARCH CONFERENCES 2019-2020

INNOVATIVE SCIENTIFIC RESEARCH UNITS

7
RESEARCH JOURNALS

15 INTERDISCIPLINARY RESEARCH GROUPS

MORE THAN
800
RESEARCH PUBLICATIONS 2019-2020

5 JOINT INTERNATIONAL RESEARCH PROJECTS

3 KNOWLEDGE SHARING

2 *e-Rozgar*
E-ROZGARR CENTERS
FOR FREELANCE ENTREPRENEURSHIP

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

OUTREACH AND AGRICULTURE EXTENSION PROGRAM TO ENGAGE LOCAL FARMERS AND COMMUNITY

AROUND **40** **MOUS TO NURTURE** ACADEMIA **INDUSTRY LINKAGES**

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

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

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

CAREER DEVELOPMENT CENTER EMPOWERING YOUTH BUILDING CAPACITY AND PROVIDING CAREER COUNSELLING

4 GLOBAL OUTLOOK

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

MORE THAN
20 INTERNATIONAL **MOUS**

ORGANIZED AROUND
20 INTERNATIONAL **EVENTS** IN 2019-2020

80+ **FOREIGN QUALIFIED PHD FACULTY MEMBERS** FROM USA, CHINA, AUSTRIA, GERMANY, AUSTRALIA, NEW ZEALAND, FRANCE, KOREA, MALAYSIA, DENMARK

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

MORE THAN
700 **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.

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.

GLIMPSE OF EVENTS 2020

We believe in engaging the youth through interactive sessions with renowned scholars and providing a platform to the students to exhibit their untapped skills.

AN INTERACTION WITH SARGODHA ALUMNI: SOHAIL WARRAICH

A LITERARY SESSION WITH HARIS KHALIQUE

YOUTH LEADERSHIP CAMP 2020

Youth Leadership Camp
March 4-5, 2020

Center for International Stra... and Sargodha Univ...
Seminar on
INDIA'S STRATEGIC AND IMPLICATIONS FO... STABILITY IN SOU...
December 17, 2019 | Noon Auditorium | N...

Ms Tan Jie and Ms Su Xiaoqin, Chinese language teachers celebrating Chinese spring festival with students

MR CHEN XIANG, DIRECTOR CHINA RADIO INTERNATIONAL, DELIVERING LECTURE ON 'UNDERSTANDING CHINA'

USMAN PEERZADA DELIBERATING DURING SLF SESSION 'FROM SCRIPT TO SCREEN: THE ART OF CREATIVE PRODUCTION'
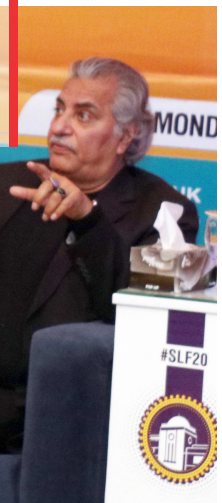
AMBASSADOR ALI SARWAR NAQVI DELIVERING OPENING SPEECH

ART EXHIBITION ON LANDSCAPE OF PUNJAB

سرگودھا
LITERARY FESTIVAL
SLF'20

UNIVERSITY MAP

North
East
West
South

Back Gate

Ibn-e-Sena Block

Ibn Al Haytham Block

Examinations Block

Khush Aab Water Plant

Pharmacy Lab

Jauhar Block

Al-Razi Block

M. Ali Block

Girls Hostel

Female Staff Hostel

Girls Hostel

Waterfall

Wazir Agha Library

Ibn Rushd Block

Sir Syed Block Block

Bus Stand

Cricket Ground

Tennis Court

Sports Ground

Building and Works Department

Handball Court

Post Office

Squash Court

Omar Khayyam Block

Volleyball Court

Basket Ball Court

Cooperative Store

Basket Ball Court

Sports Office

Iqbal Hall

Hockey Ground

Football Ground

Sports Ground

Girls Hostels

Al-Beruni Block

Al-Khwarizmi Block

Student Teacher Center

University Square

Residential Area

FM Radio

Ibn Khaldun Block

Store

Store

HBL

Jinnah Block

State and Security Wing

Jamia Masjid

Quaid-e-Azam Hall

Bachelor Hostel

Foreign Faculty Hostel

Jinnah Block

Faculty Parking Area

Girls Hostels

Maula Bakhsh Auditorium

Parking Area

Facilitation Center

Admin Block

Al-Kindi Block

Medical Services

University Road

Gate No. 1

Parking Gate

Main Entrance Gate No. 2

Gate No. 3

University Road

FACULTY OF
AGRICULTURE

Phone: 0304-9945186
Email: dean.agriculture@uos.edu.pk

List of College/Institute/Departments

- **College of Agriculture**
  - Entomology
  - Plant Breeding and Genetics
  - Plant Pathology
  - Agricultural Extension + Agricultural Economics
  - Horticulture + Forestry
  - Soil and Environmental Sciences + Agronomy
  - Animal 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 18.9% to GDP and was the major employer absorbing 42.3% of labor force in 2017-18. 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 Entomology, Plant Breeding and Genetics, Plant Pathology, Agricultural Extension+Agricultural Economics, Horticulture+Forestry, Soil & Environmental Sciences+Agronomy and Animal 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, Institute of Food Science and Nutrition offers 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 Muhammad Athar Nadeem
Principal

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DEPARTMENT OF
ENTOMOLOGY

Dr Muhammad Afzal
Professor / Chairperson

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⊙ Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Abu Bakar Muhammad Raza
Associate Professor

Dr. Muhammad Irfan Ullah
Assistant Professor

Dr. Muhammad Asam Riaz
Assistant Professor

Dr. Muhammad Zeeshan Majeed
Lecturer

Rizwan Akbar
Lecturer (on study leave)

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
Fee Structure: See "Fee Structure" page No. 158

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)	

Code	Course Title	C/Hr.
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)	
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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) in the relevant field 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
Fee Structure: See "Fee Structure" page No. 158

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 equivalent 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
Fee Structure: See "Fee Structure" page No. 158

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)

RESEARCH TRAILS OF PLANT BREEDING AND GENETICS

DEPARTMENT OF
PLANT BREEDING AND GENETICS

Dr Naeem Akhtar
Assistant Professor / Incharge

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FACULTY

Dr. Syed Wasim Hasan
Associate Professor

Dr. Ijaz Rasool Noorka
Associate Professor

Dr. Saeed Rauf
Assistant Professor

Dr. Ikram ul Haq
Assistant Professor

Usman Saleem
Assistant Professor

Dr. Saba Tabasum
Lecturer

Muhammad Shahzad
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
Fee Structure: See "Fee Structure" page No. 158

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 20(16-4)/20(15-5)	
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 20(15-5)	
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 &	2(1+1)
	Scientific Writing	
	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	2(2+0)
	Intellectual Property Rights	
PLBG 6222	Genomics in Agriculture	2(1+1)
PLBG-6223	Research Project / Internship	4(0+4)
	Total 13(6-7)	

MSc (Hons) Plant Breeding and Genetics

Eligibility: BSc (Hons) / BSc 4 Years or equivalent
(16 Years of Education) in the relevant field 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
Fee Structure: See "Fee Structure" page No. 158

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 equivalent
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
Fee Structure: See "Fee Structure" page No. 158

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 have completed my MPhil from the College of Agriculture. Now I am a Ph.D. scholar in the Department of Soil and Environmental Sciences. I have a bunch of experience regarding studies, lab work, and other fieldwork regarding Agriculture. I found all the teachers are very cooperative and available all the time on students' disposal for research purposes. Lab of Agriculture College is well equipped and profound with advanced technology in all aspects of Agricultural research. The overall environment of College is very soothing and calm to study for students of the College. There is a well-organized library over here as well which contain all national and international books help the students for research and assignment purpose.

Muhammad Zeeshan Manzoor, PhD Scholar

DEPARTMENT OF
PLANT PATHOLOGY

Dr Zafar Iqbal
Professor / Chairperson

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📍 Lahore - Khushab Bypass, Sargodha

FACULTY

Dr. Muhammad Usman Ghazanfar
Associate Professor

Dr. Yasir Iftikhar
Assistant Professor

Dr. Muhammad Imran Hamid
Assistant Professor

Dr. Salman Ahmad
Assistant Professor

Dr. Muhammad Ahmad Zeshan
Lecturer

Dr. Asma Safdar
Lecturer

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
Fee Structure: See "Fee Structure" page No. 158

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 & 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	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) in the relevant field 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
Fee Structure: See "Fee Structure" page No. 158

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 or equivalent 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
Fee Structure: See "Fee Structure" page No. 158

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
AGRICULTURAL EXTENSION + AGRICULTURAL ECONOMICS

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FACULTY (Agricultural Extension)

Dr. Arshad Javed
Assistant Professor

Saima Sadaf
Assistant Professor

Dr. Muhammad Luqman
Assistant Professor

Dr. Muhammad Yaseen
Lecturer

FACULTY (Agricultural Economics)

Dr. Muazzam Sabir
Lecturer

GENERAL FACULTY (Applied Statistics)

Sami Ullah
Lecturer (on study leave)

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
Fee Structure: See "Fee Structure" page No. 158

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)	

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)

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)**

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
Fee Structure: See "Fee Structure" page No. 158

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	3(2+1)
	Technologies	
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	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)	
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)	

Code	Course Title	C/Hr.
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
HORTICULTURE + FORESTRY

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Dr. Zahoor Hussain
Lecturer

Dr. Azher Nawaz
Lecturer

Tehseen Ashraf
Lecturer

Shahla Rashid
Lecturer

FACULTY (Forestry)

Tariq Mahmood
Assistant Professor

Dr. Hafiz Bashir Ahmad
Lecturer

Dr. Shazia Afzal
Lecturer

Khurshid Alam
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
Fee Structure: See "Fee Structure" page No. 158

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)	

MSc (Hons) Horticulture

Eligibility: BSc (Hons) / BSc 4 Years or equivalent (16 Years of Education) in the relevant field 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
Fee Structure: See "Fee Structure" page No. 158

Postgraduate Courses

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

THEATRICAL PERFORMANCES ON MACBETH AND ANIMAL FARM

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
Fee Structure: See "Fee Structure" page No. 158

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)	
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)	

Code	Course Title	C/Hr.
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
SOIL AND ENVIRONMENTAL SCIENCES + AGRONOMY

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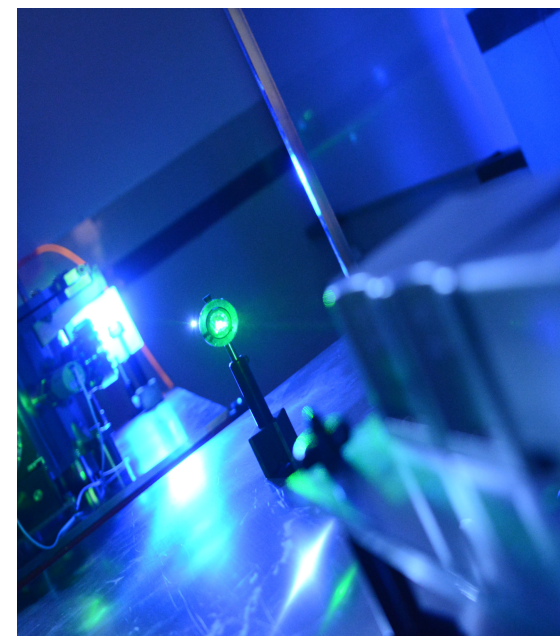
FACULTY (Soil & Environmental Sciences)

Dr. Mukkram Ali Tahir
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Dr. Sher M. Shehzad
Assistant Professor

Dr. Noor-us-Sabah
Lecturer

FACULTY (Agronomy)

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Assistant Professor

Dr. Ahsan Aziz
Assistant Professor

Dr. Abdul Rehman
Assistant Professor

Dr. M. Mansoor Javaid
Assistant Professor

Dr. Hafiz Haider Ali
Assistant Professor

Dr. Muhammad Rafi Qamar
Assistant Professor

Dr. Amjed Ali
Lecturer

Dr. Muhammad Asif
Lecturer

Dr. Muhammad Yasin
Lecturer

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
Fee Structure: See "Fee Structure" page No. 158

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)

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

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

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) in the relevant field 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
Fee Structure: See "Fee Structure" page No. 158

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 equivalent 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
Fee Structure: See "Fee Structure" page No. 158

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)

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
Fee Structure: See "Fee Structure" page No. 158

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)
URCE-5103	English-III (Academic Writing)	3(3+0)
URCP-5106	Pakistan Studies	2(2+0)
	Total 17(14+3)	

Semester-3

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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) in the relevant field 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
Fee Structure: See "Fee Structure" page No. 158

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 equivalent 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
Fee Structure: See "Fee Structure" page No. 158

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. Nasir Ali Tauqeer
Associate Professor

Dr. Imtiaz Hussain Sial
Lecturer

Abd-ur-Rehman
Lecturer

Atia Iram
Lecturer

Dr Muhammad Arif
Lecturer / Incharge

Contact
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📞 0300-6022160
📍 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
Fee Structure: See "Fee Structure" page No. 158

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-5192	Language Comprehension & Presentation Skills	3(3+0)
URCI-5195	Islamic Studies/	2(2+0)/
	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)	

A TEST-FLIGHT OF DRONE BEING DEMONSTRATED

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
Fee Structure: See "Fee Structure" page No. 158

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)

INSTITUTE OF
FOOD SCIENCE AND NUTRITION

Dr Mian Anjum Murtaza
Associate Professor / Director

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FACULTY

Dr. Sarfraz Hussain
Professor

Dr. Tusneem Kausar
Associate Professor

Dr. Shahid Mahmood
Associate Professor

Dr. Ghulam Mueen-ud-Din
Associate Professor

Dr. Muhammad Nadeem
Assistant Professor

Dr. Farzana Siddique
Assistant Professor

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
Fee Structure: See "Fee Structure" page No. 158

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 & 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
Fee Structure: See "Fee Structure" page No. 158

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
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
Fee Structure: See "Fee Structure" page No. 158

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
Fee Structure: See "Fee Structure" page No. 158

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
Fee Structure: See "Fee Structure" page No. 158

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.

Rashid Khawaja, Usman Peerzada and Mumtaz Hussain addressing the session of Sargodha Literary Festival on March 11, 2020 at Noon Auditorium

FACULTY OF
ARTS AND HUMANITIES

Phone: 048-9230061
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List of College/Institute/Departments

- **College of Law**
- **Institute of Art and Design**
- Communication and Media Studies
- English
- Information Management
- Islamic and Arabic Studies
- Sports Sciences
- Urdu and Oriental Languages

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

COLLEGE OF
LAW

Faculty

Dr Atika Lohani
Assistant Professor

Gull Sher Butt
Assistant Professor (on leave)

Mubashar Tariq
Assistant Professor

Haroon Khalid
Assistant Professor

Syeda Tooba Akhtar
Lecturer

Dr Yasir Aleem
Lecturer

Fozia Shaheen
Lecturer

Syed Wajaan Rafay Bukhari
Lecturer

Muhammad Umar Ranjha
Lecturer

Muhammad Hamzan
Lecturer

Mamoona Khalid
Lecturer

Waheed-uz-Zaman
Lecturer

Muhammad Saqib Hameed
Lecturer

Saifullah Hassan
Lecturer

Muhammad Zahid Rafique Rana
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
Fee Structure: See "Fee Structure"page No. 158

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

ULAW-6137	Law of Property	3(3+0)
ULAW-6138	Land Laws	3(3+0)
ULAW-6139	Minor Acts	3(3+0)
ULAW-6140	Research Methods	3(3+0)
ULAW-6141	Law of Evidence-I	3(3+0)
ULAW-6142	Legal Drafting-I	3(3+0)
	Total 18(18+0)	

Semester-8

ULAW-6143	Legal Drafting-II	3(3+0)
ULAW-6144	Interpretation of Statutes & Legislative Drafting	3(3+0)
ULAW-6145	Administrative Law	3(3+0)
ULAW-6146	Law of Evidence-II	3(3+0)
ULAW-6161	Taxation Laws (Elective-I)	3(3+0)
ULAW-6162	Consumer Protection Law (Elective-II)	3(3+0)
	Total 18(18+0)	
ULAW-6147	Internship (After Completion of 8th Semester & Before 10th Semester (During Summer Vacations)	3(0+3)
	Total 3(0+3)	

Semester-9

ULAW-6148	Criminal Procedure-I	3(3+0)
ULAW-6149	Medical and Forensic Law	3(3+0)
ULAW-6150	Civil Procedure-I	3(3+0)
ULAW-6151	Moot Cases and Professional Ethics	3(3+0)
ULAW-6163	Labour Laws (Elective-III)	3(3+0)
	Total 15(15-0)	

Semester-10

ULAW-6152	Criminal Procedure-II	3(3+0)
ULAW-6153	Civil Procedure-II	3(3+0)
ULAW-6154	Intellectual Property Laws	3(3+0)
ULAW-6155	Research Project / Dissertation	3(0+3)
ULAW-6164	ADR/Alternate Dispute Resolution (Elective-IV)	3(3+0)
	Total 15(12+3)	

It is a blessing to get admission in a well-reputed and quality ensuring educational institution as SU has proved to be one of its kind. I have been studying at the College of Law since 2015. Over time I have realized that the College of Law has the most competent faculty which never compromised on education, discipline, and morals. These years of studying at the College of Law have shaped my personality and have played a pivotal role in my intellectual growth.
Humail Zainab, LLB (Hons)

INSTITUTE OF
ART & DESIGN

Ahmed Faraz
Assistant Professor / Incharge

Contact
✉ finearts@uos.edu.pk
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◎ Jinnah Block

Faculty

Maryam Saif	Assistant Professor
Bushra Gull	Assistant Professor
Naila Khan	Lecturer
Hassan Babar	Lecture
Nadeem Afraz	Lecturer
Iram Shaheen	Lecturer
Nadia Abbasi	Lecturer

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
Fee Structure: See "Fee Structure"page No. 158

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

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

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

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)

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)

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

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)
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
Fee Structure: See "Fee Structure"page No. 158

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)
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)	

MA Fine Arts

Eligibility: At least 45% marks in BA/BSc or equivalent. The candidate has to pass drawing test.
Merit Determination: Terminal degree 70% + Departmental Test 30% (Drawing)
Duration: 2 Years | **Semesters: 4**
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure"page No. 158

Code	Course Title	C/Hr.

Semester-1

FINA-6201	Art Appreciation	3(3+0)
FINA-6202	History of Western Art-I	3(3+0)
FINA-6203	Drawing-I	3(0+3)
FINA-6204	Painting-I	3(0+3)
FINA-6205	Sculpture-I	3(0+3)
FINA-6206	Print Making	3(0+3)

Semester-2 — **Total 18(6+12)**

FINA-6207	History of Western Art-II	3(3+0)
FINA-6208	Drawing-II	3(0+3)
FINA-6209	*Major-I: Painting/ Sculpture	4(0+4)
FINA-6210	**Optional-I: History of Painting/History of Sculpture	2(2+0)

FINA-6211	Miniature	3(0+3)
FINA-6212	Photography	3(0+3)
	Total 18(5+13)	

Semester-3

FINA-6213	History of Islamic Art	3(3+0)
FINA-6214	Drawing-III	3(0+3)
FINA-6215	Art of South Asia and Pakistani Artists	3(3+0)
FINA-6216	Major-II: Painting/ Sculpture	6(0+6)
FINA-6217	***Optional-II: Mural Art/Ceramics	3(0+3)
	Total 18(6+12)	

Semester-4

FINA-6218	Drawing-IV	3(0+3)
FINA-6219	Art Presentation	2(0+2)
FINA-6220	Thesis Report	3(3+0)
FINA-6221	Thesis (Practical)	6(0+6)
	Total 14(3+11)	

*Students are allowed to select one subject from Major.
**Students who will select Painting, Sculpture will opt History of Painting/History of Sculpture as Optional-I respectively.
*** Students are free to select any subject from Optional-II Subjects.

Diploma in Painting

Eligibility: At least 45% marks in Intermediate (FA/FSc) or equivalent qualification
Duration: 1 Years
Semesters: 2
Fee Structure: See "Fee Structure"page No. 158

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
Fee Structure: See "Fee Structure"page No. 158

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
Fee Structure: See "Fee Structure"page No. 158

Code	Course Title	C/Hr.

Semester-1

INTD-5201	Interior Design-II	3(3+0)
INTD-5202	Interior Model Building	3(3+0)
INTD-5203	History of Interior Design	3(3+0)
INTD-5204	Furniture Design	3(3+0)
	Total 12(12+0)	

Semester-2

INTD-5205	Interior Design-II	3(3+0)
INTD-5206	Environmental Factors of Interior Design	3(3+0)
INTD-5207	Advance Problems in Interior Design	3(3+0)
INTD-5208	Final Project	3(3+0)
	Total 12(12+0)	

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)
Fee Structure: See "Fee Structure"page No. 158

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)
Fee Structure: See "Fee Structure"page No. 158

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. 158

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)
Fee Structure: See "Fee Structure"page No. 158

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)
Fee Structure: See "Fee Structure"page No. 158

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)
Fee Structure: See "Fee Structure"page No. 158

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)
Fee Structure: See "Fee Structure"page No. 158

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

DEPARTMENT OF
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Lecturer

Dr Abdul Rahman Madni
Lecturer

Faisal Aziz
Lecturer

Zowaina Azhar
Lecturer

Tariq Nawaz
Lecturer

BS Communication and Media Studies

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. 158

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3+0)
URCI-5105	Islamic Studies	2(2+0)
MCOM-5101	Introd. To Conventional & Digital Communi.	3(3+0)
URCI-5109	Intro. to Information & Communication Tech.	3(3+0)
MCOM-5102	Information Management	3(3+0)
POLS- 5101	Political Science	3(3+0)
	Total 17(17+0)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3+0)
URCP-5106	Pakistan Studies	2(2+0)
MCOM-5103	Computer Applications in Mass Communication	3(3+0)
MCOM-5104	Contemporary World Media	3(3+0)
ULAW-5130	Introduction to Basic Law	3(3+0)
MCOM-5105	Journalistic Language (Urdu)	3(3+0)
URCC-5110	Citizenship Education & Community Engagement	+
	Total 17(17+0)	
Semester-3		
URCE-5103	Academic Writing	3(3+0)
MCOM-5106	Introduction to Mobile Journalism	3(3+0)

Code	Course Title	C/Hr.
MCOM-5107	News Reporting and Sub-Editing	3(3+0)
MCOM-5108	Current Affairs	3(3+0)
ECON-5112	Principles of Economics	3(3+0)
SOCI-5101	General Sociology-I	3(3+0)
	Total 18(18+0)	
Semester-4		
MCOM-5109	Journalistic Language (English)	3(3+0)
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-5105	Social Psychology	3(3+0)
STAT-5121	Introduction to Statistics	3(3+0)
	Total 18(18+0)	
Semester-5		
GRAD-5117	Introduction to Graphic Design	3(3+0)
MCOM-6113	Photojournalism in the Digital Era	3(3+0)
MCOM-6114	Human Comm. Cybernetics & 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 18(18+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 & Public Relations	3(3+0)
MCOM-6121	Research Methods in Communication Studies	3(3+0)
MCOM-6122	Opinion Writing	3(3+0)
MCOM-6123	Foreign Language	3(3+0)
	Total 18(18+0)	

Semester-7

Code	Course Title	C/Hr.
MCOM-6124	International Communication	3(3+0)
MCOM-6125	Development Communication	3(3+0)
MCOM-6126	Economics of New Media	3(3+0)
	Sequences i. Digital Media	
MCOM-6127	Creative Writing for Digital Media	3(3+0)
MCOM-6128	Social Media Platforms	3(3+0)
	ii. Broadcast Media	
MCOM-6129	Radio News Reporting and Production	3(3+0)
MCOM-6130	TV News Reporting and Production	3(3+0)
	iii. Strategic Communication	
MCOM-6131	Strategic Communication in Digital Age	3(3+0)
MCOM-6132	Public Relations	3(3+0)
	iv. Development Support Communication	
MCOM-6133	Development Support Communication	3(3+0)
MCOM-6134	Technology and Social Change	3(3+0)
	v. Print Media	
MCOM-6135	Conflict Reporting	3(3+0)
MCOM-6136	Newspaper Production	3(3+0)
	vi. Film and Theatre	
MCOM-6137	Film (Theory and Practice)	3(3+0)
MCOM-6138	Theatre (Theory and Practice)	3(3+0)
	Total 15(15+0)	

Semester-8

Code	Course Title	C/Hr.
MCOM-6139	Media Management	3(3+0)
MCOM-6140	Research Report	3(3+0)
MCOM-6141	Civic Media	3(3+0)
	Sequences i. Digital Media	
MCOM-6142	Convergent Media	3(3+0)
MCOM-6143	Mobile Journalism Production & Broadcasting	3(3+0)
	ii. Broadcast Media	
MCOM-6144	Radio Program Production	3(3+0)
MCOM-6145	TV Program Production	3(3+0)
	iii. Strategic Communication	
MCOM-6146	Advertising	3(3+0)
MCOM-6147	Strategic Communication Campaign Design	3(3+0)
	iv. Development Support Communication	
MCOM-6148	Development Journalism	3(3+0)
MCOM-6149	Campaign Designing	3(3+0)
	v. Print Media	
MCOM-6150	Sub-Editing and Page Designing	3(3+0)
MCOM-6151	Magazine Production	3(3+0)
	vi. Film and Theatre	
MCOM-6152	Film Production (Project)	3(3+0)
MCOM-6153	Theatre (Project)	3(3+0)
	Total 15(15+0)	

MA Communication & Media Studies

Eligibility: At least 45% marks in graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure"page No. 158

Code	Course Title	C/Hr.

Semester-1

Code	Course Title	C/Hr.
MCOM-6201	Functional Media Language	3(3+0)
MCOM-6202	Introd. to Conventional & Digital Communication	3(3+0)
MCOM-6203	Media History, Laws and Ethics	3(3+0)
MCOM-6204	News Reporting and Sub-Editing	3(3+0)
MCOM-6205	Computer Applications in Mass Communication	3(3+0)
MCOM-6206	Fundamentals of Social Media	3(3+0)
	Total 18(18+0)	

Semester-2

Code	Course Title	C/Hr.
MCOM-6207	Human Comm., Cybernetics & Effect Theories-I	3(3+0)
MCOM-6208	Digital Journalism	3(3+0)
MCOM-6209	Development Support Communication	3(3+0)
MCOM-6210	Introduction to Public Relations & Advertising	3(3+0)
MCOM-6211	Photojournalism in the Digital Era	3(3+0)
MCOM-6212	International Communication	3(3+0)
	Total 18(18+0)	

Semester-3

Code	Course Title	C/Hr.
MCOM-6213	Human Comm., Cybernetics & Effect Theories-II	3(3+0)
MCOM-6214	Research Methods in Communication Studies	3(3+0)
MCOM-6215	Introduction to Broadcast Media	3(3+0)
MCOM-6216	Current Affairs	3(3+0)
MCOM-6217	Introduction to Mobile Journalism	3(3+0)
MCOM-6218	Foreign Language	3(3+0)
	Total 18(18+0)	

Semester-4

Code	Course Title	C/Hr.
MCOM-6219	Media Management	3(3+0)
	Sequences i. Digital Media	
MCOM-6220	Creative Writing for Digital Media	3(3+0)
MCOM-6221	Social Media Platforms	3(3+0)
MCOM-6222	Convergent Media	3(3+0)
MCOM-6223	Mobile Journalism Production & Broadcasting	3(3+0)
	ii. Broadcast Media	
MCOM-6224	Radio News Reporting and Production	3(3+0)
MCOM-6225	TV News Reporting and Production	3(3+0)
MCOM-6226	Radio Program Production	3(3+0)
MCOM-6227	TV Program Production	3(3+0)
	iii. Strategic Communication	
MCOM-6228	Strategic Communication in Digital Age	3(3+0)
MCOM-6229	Public Relations	3(3+0)
MCOM-6230	Advertising	3(3+0)
MCOM-6231	Strategic Communication Campaign Design	3(3+0)
	iv. Print Media	
MCOM-6232	Conflict Reporting	3(3+0)
MCOM-6233	Newspaper Production	3(3+0)
MCOM-6234	Sub-Editing and Page Designing	3(3+0)
MCOM-6235	Magazine Production	3(3+0)
	v. Development and Communication	
MCOM-6236	Development Communication	3(3+0)
MCOM-6237	Technology and Social Change	3(3+0)
MCOM-6238	Development Journalism	3(3+0)
MCOM-6239	Campaign Designing	3(3+0)
	Total 15(15+0)	

MPhil Communication & Media Studies

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)

Mian Ijaz ul Hassan, Dr Rahat Masaud and Nadeem Alam addressing the session of Sargodha Literary Festival on March 11, 2020 at Noon Auditorium

Communication and Media Studies is a choice I never regret. It truly helps to broaden our horizon of knowledge and keeps us up to date. We start admitting how media moulds information for communication, development support, and different other aspects. I personally like the contrast of conventional and modern media and how the phase of communication paved its way to digital media. The Department of Communication and Media Studies helps you not just to learn but also to excel in fields of electronic media, print media, social media, film making, public relations and other related fields. But here things are not specified to learning, the faculty and department put their best efforts to inculcate professional skills in students. Their hard work and efforts have helped me to explore the best out of myself. I hope this will further play an important role to groom my personality and achieve my goals.
Ghulam Hafsa, MA

DEPARTMENT OF
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FACULTY

Hafiz Ahmad Bilal Associate Professor	**Bushra Amil** Lecturer
Tariq Masood Associate Professor	**Hira Ali** Lecturer
Dr. Ijaz Asghar Assistant Professor	**Rabia Faiz** Lecturer
Dr. Azhar Pervaiz Assistant Professor	**Iqra Jabeen** Lecturer
Hafiz Muhammad Alam Assistant Professor	**Sumera Saleem** Lecturer
Abdur Rauf Awan Assistant Professor	**Imran Adeel** Lecturer
Dr. Shahid Abbas Lecturer	**Qamar Hussain** Lecturer
Faheem Arshad Lecturer	**Syeda Zahra Bokhari** Lecturer
Aisha Umer Lecturer	**Madiha Jameel** Lecturer
Dr. Tazanfal Tehseem Lecturer	**Naveed Nawaz Ahmad** Lecturer
Dr. Musarrat Azher Lecturer	**Abdur Rehman Tariq** Lecturer
Ayesha Izhar Chaudhri Lecturer	

BS English

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. 159

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)

Column 1

Semester-7

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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)	

MA English

Eligibility: At least 45% marks in BA or equivalent qualification with English compulsory of 200 marks or equivalent and 45% marks in the subject of English compulsory.
Duration: 2 Years | **Semesters:** 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure"page No. 159

Code	Course Title	C/Hr.
Semester-1		
ENGL-6201	Classical Poetry	3(3+0)
ENGL-6202	Drama-I (Greek & Elizabethan)	3(3+0)
ENGL-6203	Fiction-I	3(3+0)
ENGL-6204	Prose-I	3(3+0)
ENGL-6205	Study Skills in English	3(3+0)
ENGL-6206	Literary Forms and Movements	3(3+0)
	Total 18(18+0)	
Semester-2		
ENGL-6207	Romantic Poetry	3(3+0)
ENGL-6208	Drama-II (18th Century)	3(3+0)
ENGL-6209	Fiction-II	3(3+0)
ENGL-6210	Criticism-I	3(3+0)
ENGL-6211	Prose-II	3(3+0)

Column 2

Code	Course Title	C/Hr.
ENGL-6212	Linguistics	3(3+0)
	Total 18(18+0)	
Semester-3		
ENGL-6213	Modern Poetry	3(3+0)
ENGL-6214	Drama - III (19th Century)	3(3+0)
ENGL-6215	Fiction III	3(3+0)
ENGL-6216	Research Methodology	3(3+0)
ENGL-6217	American Literature	3(3+0)
ENGL-6218	Stylistics	3(3+0)
	Total 18(18+0)	
Semester-4		
ENGL-6219	Drama-IV (20th Century)	3(3+0)
ENGL-6220	Fiction-IV	3(3+0)
ENGL-6221	Modern Critical Theories	3(3+0)
ENGL-6222	TEFL (Teaching of English as Foreign Langauge)	3(3+0)
	Total 12(12+0)	
Optional Courses		
ENGL-6223	History of Western Civilization	3(3+0)
ENGL-6224	Short Story	3(3+0)
ENGL-6225	ESP (English for Specific Purposes)	3(3+0)
ENGL-6226	Non-Native Literature	3(3+0)
ENGL-6227	Discourse Analysis	3(3+0)
	OR	
ENGL-6228	Dissertation	3(3+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
Fee Structure: See "Fee Structure"page No. 159

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)

Column 3

Code	Course Title	C/Hr.
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
Fee Structure: See "Fee Structure"page No. 159

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

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Assistant Professor

Dr. Noor Mustafa Khan
Lecturer

Muhammad Asif Ali
Lecturer

Asim Mehmood Khan
Lecturer

Waqar Ahmed
Lecturer

BS Information Management

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. 159

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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title
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
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)

MA Information Management

Eligibility: At least 45% marks in Graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 159

Code	Course Title	C/Hr.

Semester-1

Code	Course Title	C/Hr.
INFM-6201	Foundations of Librarianship	3(3+0)
INFM-6202	Information Technology: Concepts & Application	3(2+1)
INFM6203	Introduction to Classification	3(3+0)
INFM-6204	Introduction to Cataloguing	3(3+0)
INFM-6205	Bibliography: Theory and Practice	3(2+1)
INFM-6206	Reference and Information Sources and Services	3(2+1)
	Total 18(15+3)	

Semester-2

Code	Course Title	C/Hr.
INFM-6207	Management of Libraries and Info. Centers	3(3+0)
INFM-6208	Applied Classification	3(1+2)
INFM-6209	Applied Cataloguing	3(1+2)
INFM-6210	Online Information Retrieval	3(2+1)
INFM-6211	Information Literacy Instruction	3(3+0)
INFM-6212	Collection Development Management	3(3+0)
	Total 18(13+5)	

Semester-3

Code	Course Title	C/Hr.
INFM-6213	Research Methods in Library and Information Sci.	3(3+0)
INFM-6214	Marketing Library and Information Services	3(3+0)
INFM-6215	Library Automation Systems	3(2+1)
INFM-6216	Personality Development & Communication Skills (Any two from the following i.e, LIS 605-610)	3(3+0)
INFM-6217	Literature on Islam	3(3+0)
INFM-6218	Literature on Pakistan	3(3+0)
INFM-6219	Literature on Humanities	3(3+0)
INFM-6220	Literature on Social Sciences	3(3+0)
INFM-6221	Literature on Science	3(3+0)
INFM-6222	Literature on Technology	3(3+0)
	Total 18(17+1)	

Semester-4

Courses from INFM-6223 to INFM-6258 are optional. Each student will opt five courses in total (one from each group i.e. A, B & C while two from group D or Thesis)

Group A

Code	Course Title	C/Hr.
INFM-6223	National Libraries	3(3+0)
INFM-6224	Academic Libraries	3(3+0)
INFM-6225	School Libraries	3(3+0)
INFM6226	Children Libraries	3(3+0)
INFM-6227	Public Libraries	3(3+0)
INFM-6228	Special Libraries	3(3+0)
INFM-6229	Agricultural Libraries	3(3+0)
INFM-6230	Health and Medical Libraries	3(3+0)
INFM-6231	Law Libraries	3(3+0)
INFM-6232	Science and Technology Lirbaries	3(3+0)

Group B

Code	Course Title	C/Hr.
INFM-6233	Advanced Management Techniques	3(3+0)
INFM6234	Public Records, Rare Materials & their Conser.	3(3+0)

INFM-6235	Communication & Media Librarianship	3(3+0)
INFM-6236	Indexing and Abstracting	3(2+1)
INFM-6237	Libraries and Society	3(3+0)
INFM-6238	International and Comparative Librarianship	3(3+0)
INFM-6239	Models for Library Management, Decision Making and Planning	3(3+0)

Group C

INFM-6240	Web Publishing	3(1+2)
INFM-6241	Database Structure and Design	3(2+1)
INFM-6242	Computer Networks	3(2+1)
INFM-6243	Computer Programming for Info. Management	3(2+1)
INFM-6244	Systems Analysis and Design	3(2+1)
INFM-6245	Digital Libraries	3(1+2)

Group D

INFM-6246	Information Policy	3(3+0)
INFM-6247	Knowledge Management	3(3+0)
INFM-6248	Financial Management of Libraries and Information Centers	3(3+0)
INFM-6249	Information Seeking and Use	3(3+0)
INFM-6250	Project Management	3(3+0)
INFM-6251	Archives Management	3(3+0)
INFM-6252	Advanced Cataloging & Classification	3(2+1)
INFM-6253	Resources Sharing and Networking	3(3+0)
INFM-6254	Records Management	3(3+0)
INFM-6255	Serials Management	3(3+0)
INFM-6256	Preservation and Conservation of Library and Archival Material	3(3+0)
INFM-6257	Human Resource Management	3(3+0)
	OR	
INFM-6258	Thesis and Viva Voce	6(0+6)
INFM-6259	Practicum	3(3+0)
	Total Credit Hours of 4th Semester = 18	

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
Fee Structure: See "Fee Structure"page No. 159

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)**

In order for one to succeed in life, God provided with two means , education and physical activity . Not separately , one for the soul and the other for the body , both for the two together, With these means one can attain perfection
Kashmala , MSc

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
Fee Structure: See "Fee Structure"page No. 159

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
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Lecturer

Dr. Nasir Mehmood Waraich
Lecturer

Samia Athar
Lecturer

Dr. Mahmood Ahmad
Assistant Professor (Arabic)

Dr. Muhammad Nasir Mustafa
Lecturer (Arabic)

Dr. Abdul Saboor
Lecturer (Arabic)

BS Islamic Studies

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. 159

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)
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 (فقہ المالیات)	3(3+0)
	Total 18(18+0)	

Semester-8

Code	Course Title	C/Hr.
ISLS- 6226	Study of Islamic Fiqh II (فقہ 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)	

MA Islamic Studies

Eligibility: At least 45% marks in Graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 159

C/Hr.	Course Title	Code
Semester-1		
3(3+0)	اصول تفسیر و تاریخ تفسیر	ISLS-6201
3(3+0)	اصول حدیث و تاریخ حدیث	ISLS-6202
3(3+0)	اصول فقہ و تاریخ فقہ	ISLS-6203
3(3+0)	سیرت النبی ﷺ	ISLS-6204
3(3+0)	عربی زبان و ادب	ISLS-6205
0(0+0)	تجوید و قرآت (نان کریڈٹ)	ISLS-6206
Total 15(15+0)		
Semester-2		
3(3+0)	ترجمہ و تفسیر قرآن	ISLS-6207
3(3+0)	متن حدیث	ISLS-6208
3(3+0)	متن فقہ	ISLS-6209
3(3+0)	عربی: الانشاء والمحادثہ	ISLS-6210
3(3+0)	تاریخ اسلام	ISLS-6211
3(3+0)	انگلش	ISLS-6212
Total 18(18+0)		
Semester-3		
3(3+0)	تقابل ادیان (I)	ISLS-6213
3(3+0)	اسلام اور جدید معاشی نظریات (I)	ISLS-6214
3(3+0)	1۔تفسیری ادب (I) کسی ایک مضمون کا انتخاب کریں	ISLS-6215
3(3+0)	2۔دعوۃ و ارشاد (I)	ISLS-6216
3(3+0)	1۔ادب حدیث (I) کسی ایک مضمون کا انتخاب کریں	ISLS-6217
3(3+0)	2۔اسلام اور سائنس (I)	ISLS-6218
3(3+0)	3۔فلسفہ و علم الکلام (I)	ISLS-6219
3(3+0)	1۔قانون اسلامی (I) کسی ایک مضمون کا انتخاب کریں	ISLS-6220
3(3+0)	2۔جدید دنیائے اسلام (I)	ISLS-6221
3(3+0)	3۔اخلاق و تصوف (I)	ISLS-6222
3(3+0)	منہج تحقیق	ISLS-6223
Total 18(18+0)		
Semester-4		
3(3+0)	تقابل ادیان (II)	ISLS-6224
3(3+0)	اسلام اور جدید سیاسی و معاشرتی نظریات	ISLS-6225
3(3+0)	1۔تفسیری ادب (II) کسی ایک مضمون کا انتخاب کریں	ISLS-6226
3(3+0)	2۔دعوۃ و ارشاد (II)	ISLS-6227
3(3+0)	1۔ادب حدیث (II) کسی ایک مضمون کا انتخاب کریں	ISLS-6228
3(3+0)	2۔اسلام اور سائنس (II)	ISLS-6229
3(3+0)	3۔فلسفہ و علم الکلام (II)	ISLS-6230
3(3+0)	1۔قانون اسلامی (II) کسی ایک مضمون کا انتخاب کریں	ISLS-6231
3(3+0)	2۔جدید دنیائے اسلام (II)	ISLS-6232
3(3+0)	3۔اخلاق و تصوف (II)	ISLS-6233
3(3+0)	مقالہ	ISLS-6148
3(3+0)	کمپیوٹر	ISLS-6149
Total 15(15+0)		

MA Arabic

Eligibility: At least 45% marks in Graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 159

Code	Course Title	C/Hr.
Semester-1		
ARAB-5101	Applied Grammar (I)	3(3+0)
ARAB-5102	Arabic Composition	3(3+0)
ARAB-5103	Translation	3(3+0)
ARAB-5104	Functional Arabic (I)	3(3+0)
ARAB-5105	Modern Prose (I) Novel	3(3+0)
ARAB-5106	Religious Literature (I) (Quran)	3(3+0)
	Total 18(18+0)	
Semester-2		
ARAB-5107	Applied Grammar (II)	3(3+0)
ARAB-5108	Functional Arabic (II)	3(3+0)
ARAB-5109	Modern Prose (II) Novel	3(3+0)
ARAB-5110	History of Arabic Literature	3(3+0)
ARAB-5111	Religious Literature (I) (Hadith)	3(3+0)
ARAB-5112	Study of Arabian World & its Culture	3(3+0)
	Total 18(18+0)	
Semester-3		
ARAB-5113	Arabic Philosophy	3(3+0)
ARAB-5114	Arabic Poetry (I) Classical	3(3+0)
ARAB-5115	Classical Prose	3(3+0)
ARAB-5116	Research & Editing Methodology	3(3+0)
ARAB-5117	Islamic History	3(3+0)
ARAB-5118	Arabic Literature in Sub-Continent	3(3+0)
	Total 15(15+0)	
Semester-4		
ARAB-5119	Rhetoric & Prosody	3(3+0)
ARAB-5120	Arabic Poetry (02) (Modern)	3(3+0)
ARAB-5121	Literary Criticism	3(3+0)
ARAB-5122	Thesis	3(3+0)
ARAB-5123	Computer & Arabic Language	3(3+0)
ARAB-5124	Comparative Literature (Arabic English Urdu)	3(3+0)
ARAB-5125	Arabic Electronic & Print Media	3(3+0)
	Total 15(15+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
Fee Structure: See "Fee Structure"page No. 159

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
Fee Structure: See "Fee Structure"page No. 159

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

**Studying in university is a great joy for me and I live every moment spent there. Being a part of Art and Design community has always been my dream. However, the most favourite field for me is Print Making. Here is an immense number of opportunities as compared to my previous experiences. The exposure I got in university has helped me in many ways to groom my personality. It is an amazing feel to be more productive and creative by simply exploring our surroundings. Things are as simple as you want them to be and yet having every single detail. You have to be adoptive in order to keep the pace with course but it is worth putting effort for.
Zainab, BFA**

DEPARTMENT OF
SPORTS SCIENCES

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Lecturer / Incharge

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Assistant Professor

Qasid Naveed
Lecturer

Bilal Ahmad Qureshi
Lecture

Faryal Gul
Lecturer (on deputation)

Saba Arshad
Lecturer

BS Physical Education

Eligibility: At least 45% marks in Intermediate or equivalent + Qualify Physical Efficiency Test
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure"page No. 159

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)

Code	Course Title	C/Hr.
PEDU-6127	Scouting/ Girl Guiding	2(0+2)
	Total 12(8+4)	

Semester-7

Code	Course Title	C/Hr.
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	3(3+0)
	Coaching (Foundation 6)	
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

Code	Course Title	C/Hr.
PEDU-6133	Sports Medicine (Major 8)	3(3+0)
PEDU-6134	Curriculum Development in Physical	3(3+0)
	Education (Major 9)	
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)	

MSc Physical Education

Eligibility: At least 45% marks in Graduation or equivalent + Qualify Physical Efficiency Test
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure"page No. 159

Code	Course Title	C/Hr.

Semester-1

Code	Course Title	C/Hr.
PEDU-6201	Sports Management & Administration	3(3+0)
PEDU-6202	Human Anatomy	3(3+0)
PEDU-6203	Computer Application in Sports	0(0+0)
PEDU-6204	Rules of Track & Field Events	3(3+0)
PEDU-6205	Practical Gymnastic (Floor Exercises)	2(0+2)
PEDU-6206	Practical Games (Hockey & Cricket)	2(0+2)
PEDU-6207	Practical Athletics (Sprint Races)	2(0+2)
	Total 15(9+6)	

Semester-2

Code	Course Title	C/Hr.
PEDU-6208	Theory of Games	3(3+0)
PEDU-6209	Citizenship Education and Community	0(0+0)
PEDU-6210	Exercise Physiology	3(3+0)
PEDU-6211	Methods of Research in Sports	3(3+0)
PEDU-6212	Practical Gymnastic (Apparatus work)	2(0+2)
PEDU-6213	Practical Games (Hand Ball & Volley Ball)	2(0+2)
PEDU-6214	Practical Athletics (Vertical & Horizontal jumps)	2(0+2)
	Total 15(9+6)	

Semester-3

Code	Course Title	C/Hr.
PEDU-6215	Science of Sports Training	3(3+0)
PEDU-6216	Sports Psychology	3(3+0)
PEDU-6217	Measurement evaluation in Human Performance	3(3+0)
PEDU-6218	Research Project / Thesis / Internship	3(3+0)
PEDU-6219	Practical Athletics (Middle & Long Distance Races)	2(0+2)
PEDU-6220	Practical Games (Football & Basket Ball)	2(0+2)
PEDU-6221	Practical Minor Area Games	2(0+2)
	Total 18(12+6)	

Semester-4

Code	Course Title	C/Hr.
PEDU-6222	Sports Bio-Mechanics	3(3+0)
PEDU-6223	Sports Nutrition	3(3+0)
PEDU-6224	Sports Injuries & Rehabilitations	3(3+0)
PEDU-6225	Research Project / Thesis / Internship	3(3+0)
PEDU-6226	Practical Athletics (Throwing Events)	2(0+2)
PEDU-6227	Practical Games (Table Tennis & Badminton)	2(0+2)
PEDU-6228	Practical (Hiking / Hill Tracking)	2(0+2)
	Total 18(12+6)	

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
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Lecturer (Urdu)

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Lecturer (Urdu)

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Lecturer (Urdu) on Deputation

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Lecturer (Persian)

Dr. Abida Naseem
Lecturer (Urdu)

Muhammad Imran
Lecturer (Urdu)

BS Urdu

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. 160

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)

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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 Modern Study of Urdu Literature	3(3+0)
URDU-6134	20th Century Urdu Literature, Effects & Results	3(3+0)
	Total	**18(18+0)**

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

Semester-7

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

MA Urdu

Eligibility: At least 45% marks in Graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure"page No. 160

C/Hr.	Course Title	Code
Semester-1		
URDU-6201	Classical Urdu Ghazal	3(3+0)
URDU-6202	Urdu Fiction (1)	3(3+0)
URDU-6203	History of Urdu Language and Literature (I)	3(3+0)
URDU-6204	The Principals of Criticism (I)	3(3+0)
URDU-6205	The Styles of Urdu Prose	3(3+0)
URDU-6206	Grammar & Rhetoric	3(3+0)
	Total	**18(18+0)**
Semester-2		
URDU-6207	Classical Forms of Poetry	3(3+0)
URDU-6208	Urdu Fiction (II)	3(3+0)
URDU-6209	History of Urdu Language and Literature (II)	3(3+0)
URDU-6210	The Principals of Criticism (II)	3(3+0)
URDU-6211	Modern Urdu Prose (I)	3(3+0)
URDU-6212	Iqbal Studies (Urdu)	3(3+0)
	Total	**18(18+0)**
Semester-3		
URDU-6213	Iqbal Studies (Persian)	3(3+0)
URDU-6214	Modern Urdu Ghazal	3(3+0)
URDU-6215	History of Urdu Language & Literature (III)	3(3+0)
URDU-6216	Modern Urdu Prose (II)	3(3+0)
URDU-6217	Urdu Fiction (III)	3(3+0)
URDU-6218	The Study of Pakistani Languages	3(3+0)
URDU-6219	The World Classics	3(3+0)
URDU-6220	The Principles of Research & Editing	2(2+0)
URCC-5110	Citizenship Education & Community Engagement	0(0+0)
	Total	**17(17+0)/18(18+0)**

Thesis group will choose URDU-6220 while other group will choose one course out of URDU-6218 and URDU-6219

Semester-4

C/Hr.	Course Title	Code
URDU-6222	The Special Study of Meer & Ghalib's Poetry	3(3+0)
URDU-6223	Modern Urdu Poem	3(3+0)
URDU-6224	Literary Criticism (Applied)	3(3+0)
URDU-6225	The Post-Colonial Study of Urdu Literature	3(3+0)
URDU-6226	Urdu Linguistics	3(3+0)
URDU-6227	Creative Skills	3(3+0)
URDU-6228	Literary Socialism	3(3+0)
URDU-6229	Thesis	4(0+4)
	Total	**18(18+0)/19(15+4)**

Non Thesis group will choose one course out of URDU-6227 and URDU-6228

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
Fee Structure: See "Fee Structure"page No. 160

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

Code	Course Title	C/Hr.
URDU-7111	Thesis	6(0+6)
	Total	**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
Fee Structure: See "Fee Structure"page No. 160

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)

BS Persian

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. 160

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)

Code	Course Title	C/Hr.
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	3(3+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	English-IV (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

Code	Course Title	C/Hr.
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

MA Persian

Eligibility: At least 45% marks in Graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure"page No. 160

Code	Course Title	C/Hr.
Semester 1		
PERS-6101	Persian Grammar & Spoken Persian (I)	3(3+0)
PERS-6102	Classical Persian Prose (I)	3(3+0)
PERS-6103	Classical Persian Poetry (I)	3(3+0)
PERS-6104	History of Persian Literature in Iran	3(3+0)
PERS-6105	Literary Criticism in Sub-Continent	3(3+0)
PERS-6106	The Introduction to Basic Arabic Grammar	3(3+0)
	Total 18(18+0)	
Semester 2		
PERS-6107	Persian Grammar & Spoken Persian (II)	3(3+0)
PERS-6108	Iranology	3(3+0)
PERS-6109	Persian Literary Sources (English & Persian)	3(3+0)
PERS-6110	History of Persian Literature in Sub-Continent	3(3+0)
PERS-6111	Literary Criticism in Iran	3(3+0)
URCI-5109	Introduction to Info. & Communication Tech. (I)	3(3+0)
	Total 18(18+0)	
Semester 3		
PERS-6113	Iqbal Studies	3(3+0)
PERS-6114	Classical Persian Prose (II)	3(3+0)
PERS-6115	Classical Persian Poetry (II)	3(3+0)
PERS-6116	Advance Spoken Persian (I)	2(2+0)
PERS-6117	Computer Studies (II)	2(2+0)
PERS-6118	Persian Manuscript Studies	2(2+0)
PERS-6119	Rhetoric & Prosody	2(2+0)
PERS-6120	Comp. Studies of Persian, Urdu & Punjabi Languages	2(2+0)

URCC-5110	Citizenship Education & Community Engagement	3(1+2)
	Total 18(18+0)	

Students have to choose one course out of PERS-6118, PERS-6119 and PERS-6120. URCC-5110 is a non-credit course.

Semester 4		
PERS-6122	Advance Spoken Persian (II)	3(3+0)
PERS-6123	Modern Persian Literature	3(3+0)
PERS-6124	Persian Research Methodology	3(3+0)
PERS-6125	Thesis / History of Persian Language	3(3+0)
PERS-6126	Persian Research Centers	3(3+0)
PERS-6127	Persian Folk Literature	3(3+0)
PERS-6128	Persian Calligraphy	3(3+0)
	Total 18(18+0)	

Students have to choose one course out of PERS-6126, PERS-6127 and PERS-6128

MPhil Persian

Eligibility: At least 2.00 CGPA out of 4.00 in MA Persian or BS Persian in semester system and 2nd divivion 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. 160

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 (English)	3(3+0)
	Total 12(12+0)	
Semester 3-4		
PERS-7109	Thesis	6(0+6)
	Total 6(0+6)	

I am honoured to be a student of such a prestigious department of Persian language and literature. By removing the language barrier, now I have the Persian language as a tool to have a better look at our past and to the contemporary world. The efficient learning environment in the Persian Department helped me to have a high aim. And this all is because of the indigenous, intellectual, hardworking and kind-hearted teachers. I feel blessed to have such teachers who raised our intellect to make us serve better in the field of Persian Language and Literature by flourishing critical thinking in us.
Muhammad Anees, MPhil Persian

MA Punjabi

Eligibility: At least 45% marks in Graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure"page No. 160

Code	Course Title	C/Hr.
Semester 1		
PUNJ-6101	Punjabi Classical Poetry	3(3+0)
PUNJ-6102	Punjabi Sufi Poets	3(3+0)
PUNJ-6103	Punjabi Old Prose, Punjabi Religious & Seerah Literature	3(3+0)
PUNJ-6104	History Of Punjabi Literature (From Beginning To 18th Century)	3(3+0)
PUNJ-6105	Punjabi Modern Prose (Short Story & Novel)	3(3+0)
PUNJ-6106	Theoretical Criticism & Schools of Thought	3(3+0)
	Total 18(18+0)	

Code	Course Title	C/Hr.
Semester 2		
PUNJ-6107	Punjabi Sufi Poets	3(3+0)
PUNJ-6108	Romantic Tales In Punjabi Literature	3(3+0)
PUNJ-6109	Special Study of Heer Waris Shah	3(3+0)
PUNJ-6110	History of Punjabi Literature (from 19th to 20th century))	3(3+0)
PUNJ-6111	Punjabi Modern Prose	3(3+0)
PUNJ-6112	Applied Criticism	3(3+0)
	Total 18(18+0)	

Code	Course Title	C/Hr.
Semester 3		
PUNJ-6113	Punjabi Ghazal	3(3+0)
PUNJ-6114	Modern Punjabi Poetry	3(3+0)
PUNJ-6115	Gurmukhi Script, Punjabi Linguistics	3(3+0)
PUNJ-6116	Introduction to Global Literature	3(3+0)
URCI-5109	Introduction to Info. & Communication Tech.	3(2+1)
PUNJ-6118	Introductory Study of the Local Literature (Elective)	3(3+0)
PUNJ-6119	Literature of other Provinces of Pakistan (Elective)	3(3+0)
PUNJ-6120	Research and Research Principles (Elective)	2(2+0)
URCC-5110	Citizenship Education and Community Engagement	3(1+2)
	Total 18(18+0)	

Students have to choose one course out of URCI-5109, PUNJ-6118, PUNJ-6119 and PUNJ-6120
Note: URCC-5110 and PUNJ-6120 are non-credit hour courses

Code	Course Title	C/Hr.
Semester 4		
PUNJ-6122	Punjabi Ghazal	3(3+0)
PUNJ-6123	Modern Punjabi Poetry	3(3+0)
PUNJ-6124	Folk Literature	3(3+0)
PUNJ-6125	Waran, Epics	3(3+0)
PUNJ-6126	Journalism & Report Writing (Elective)	3(3+0)
PUNJ-6127	Patriotic Literature (Elective)	3(3+0)
PUNJ-6128	Thesis (Elective)	6(0+6)
	Total 18(12+6)/(18+0)	

Students have to choose one course out of PUNJ-6126, PUNJ-6127 and PUNJ-6128

Time flies very fast. It's unbelievable that it feels like yesterday when I started my degree and now it's about to be completed. At this time, I would like to pay honour to all the teachers of the Urdu Department who put all their efforts into making the students not only academically good but polish their professional skills too.
All the teachers have instilled in us creative and critical abilities to work for Urdu language and literature. Some of the teachers are internationally recognized and I feel so proud to have learned many great things under their guidance.
I proudly say that the time I spent in the SU and Urdu Department is the best time of my life as it changed me into a better person.
Hasan Raza, MA Urdu

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 Ghulam Yasin Chohan
Principal / Chairperson

Contact
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FACULTY

Engr. Muhammad Sohail
Assistant Professor

Engr. Qasim Ali
Assistant Professor

Engr. Dr. Mudaser Ullah
Assistant Professor

Engr. Mansoor Ali Zaheer
Assistant Professor

Engr. Muhammad Ashiq
Lecturer

Engr. Muhammad Aftab Ahmad
Lecturer

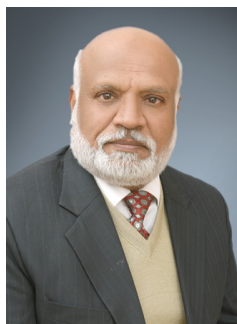**Engr. Muhammad Ali Shakir**
Lecturer

Engr. Anam Shahzadi
Lecturer

Engr. Ch. Abdullah
Lecturer

Engr. Saeed Ahmad
Lecturer

Engr. Ali Raza Mansha
Lab Engineer

Engr. Hasnain Hussain Shah
Lab Engineer

BSc Mechanical Engineering

Eligibility: 60% marks in FSc (Pre-engineering) (Quota seat 1 for DAE) with the following Mechanical Engineering areas:
i.Mechanical   ii.Mechanical with any specialization
iii.Precision Mechanical & Instruments
iv.Auto & Diesel   v.Bio-Medical
vi.Dies & Mould   vii.Automation
viii.Refrigeration & Air Conditioning
ix.Mechanical (Construction Machinery)
x.Mechanical (Metallurgy & Welding)
xi.Mechanical (Foundry & Pattern Making)
xii.Mechanical (Automobile & Diesel)
xiii.Mechatronics   xiv.Aerospace   xv.Vacuum
Merit Determination: 70% weightage of FSc marks and
                          30% weightage of UET Entry Test (2020)
Duration: 4 years   ,   **Semesters:** 8
Degree Requirements: Minimum 130 credit hours
Fee Structure: See "Fee Structure" page No. 160

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)	1(0+1)
ME-127	Engineering Mechanics-I: Statics	1(0+1)
ME-128	Engineering Mechanics-I: Statics (Lab)	1(0+1)
ME-129	Engineering Materials	3(3+0)
	Total 14(9+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+02)	
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	3(0+3)
	Total 20(14+06)	

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)
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+04)	

Semester-6

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	3(0+3)
ME-328	Health, Safety and Environment	1(1+0)
SOC-329	Social Sciences (Elective)	2(2+0)
	Total 20(16+04)	

Semester-7

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	9(0+9)
ME-417	Mechanisms and Mechanical Vibrations (Lab)	1(0+1)
	Total 22(11+11)	

Semester-8

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	9(0+9)
	Total 21(10+11)	

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: Have strong competence in mechanical engineering resulting in successful careers.

PEO 2: Pursuing research and innovation and be able to provide technical solutions for engineering industry problems.

PEO 3: Leading or participating in efforts to address socio economic and technical challenges.

PEO 4: Enhancing their professional development and technical capability through continuing education.

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 importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

DEPARTMENT OF
ELECTRICAL ENGINEERING

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

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FACULTY

Engr. Dr. H. M. Waseem Khalil Assistant Professor	**Engr. M. Junaid Khalid** Lab. Engineer
Engr. Dr. Imran Khan Assistant Professor	**Engr. Amir Sohail** Lab. Engineer
Engr. Dr. Waseem Aslam Assistant Professor	**Engr. Ayesha Riaz** Lab. Engineer
Engr. Hafiz Ghulam Murtaza Qamar Assistant Professor	**Engr. Ashar Sattar** Lab. Engineer
Engr. Nasim Zahra Assistant Professor	**Engr. Asjad Ullah Ahmed** Lab. Engineer
Engr. Erum Rehman Lecturer	**Engr. Ismail Akbar Khan** Lab. Engineer
Engr. Muhammad Imran Hashmi Lecturer	**Engr. Atif Mursaleen** Lab. Engineer
Engr. Yasir Salam Lecturer	**Engr. M. Zeeshan Hassan** Lab. Engineer
Engr. Nauman Ahmad Tariq Lecturer	**Engr. Huma Iqbal** Lab. Engineer
Engr. Saad Ullah Lecturer	**Engr. Tayyba Noreen** Lab. Engineer
Engr. Waqar Zahid Lecturer	
Engr. Muhammad Nadeem Lecturer	

BSc Electrical Engineering

Eligibility: 60% marks in FSc Pre-engineering (Quota seat 1 for DAE) with the following Electrical Engineering areas:
i.Electrical   ii.Telecommunication   iii.Electronics
iv.Avionics   v.Instrumentation   vi.Information
vii.Precision Mechanical & Instrument   viii.Radar
ix.Automation   x.Radio
xi.Instrumentation & Process Control   xii.Computer / CIT
xiii.Mechatronics
Merit Determination: 70% weightage of FSc marks and
     30% weightage of UET Entry Test (2020)
Duration: 4 years ,   **Semesters:** 8
Degree Requirements: Minimum 130 credit hours
Fee Structure: See "Fee Structure" page No. 160

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)
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	3(1+2)
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	**17(13+4)**

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)
	Total	**14(9+5)**

MISSION OF THE DEPARTMENT OF ELECTRICAL ENGINEERING

The mission of the department is 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 importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

DEPARTMENT OF ENGINEERING TECHNOLOGY

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Assistant Professor / Incharge

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FACULTY

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Assistant Professor

Engr. Abdul Rahim Khan
Assistant Professor

Engr. Ashoq Kumar
Assistant Professor

Dr. Malik Muneeb Abid
Assistant Professor

Engr. Muhammad Ashiq
Lecturer

Engr. Nauman Ahmad Tariq
Lecturer

Engr. Asad Sultan
Lecturer

Engr. Fahad Ahmed
Lecturer

Engr. Muhammad Mubashir Ajmal
Lecturer

Engr. Ashar Sattar
Lab Engineer

Engr. Muhammad Owais
Lab Engineer

Engr. Hanzla
Lab Engineer

BS Civil Engineering Technology

Eligibility: Eligibility: Minimum 50% marks in Intermediate [FSc (Pre-Engineering) OR ICS with Math OR DAE with the following Civil Engineering areas:
i.Architecture   ii.Civil   iii.Civil with any specialization
iv.Environmental   v.Land & Mind Surveying
Duration: 4 years   **Semesters:** 8
Degree Requirements: Minimum 124 credit hours
Fee Structure: See "Fee Structure" page No. 160

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)	
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	2(1+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 following Electrical Engineering areas:

i.Electrical	ii.Telecommunication	iii.Electronics
iv.Avionics	v.Instrumentation	vi.Information
vii.Precision Mechanical & Instrument		viii.Radar
ix.Automation	x.Radio	
xi.Instrumentation & Process Control		xii.Computer / CIT
xiii.Mechatronics		

Duration: 4 years   **Semesters:** 8
Degree Requirements: Minimum 124 credit hours
Fee Structure: See "Fee Structure" page No. 160

Code	Course Title	C/Hr.
Semester-1		
MATH-111	Applied Mathematics-I	3(3+0)
CS-112	Computer Applications	2(1+1)
ENG-11	Communication Skills-I	3(3+0)
ET-114	Applied Physics	4(3+1)
ET-115	Engineering Drawing	2(1+1)
ET-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)	

Code	Course Title	C/Hr.
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)
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 following Mechanical Engineering areas:

i.Mechanical		
ii.Mechanical with any specialization		
iii.Precision Mechanical & Instruments		
iv.Auto & Diesel	v.Bio-Medical	vi.Dies & Mould
vii.Automation	viii.Refrigeration & Air Conditioning	
ix.Mechanical (Construction Machinery)		
x.Mechanical (Metallurgy & Welding)		
xi.Mechanical (Foundry & Pattern Making)		
xii.Mechanical (Automobile & Diesel)		
xiii.Mechatronics	xiv.Aerospace	xv.Vacuum

Duration: 4 years   **Semesters:** 8
Degree Requirements: Minimum 124 credit hours
Fee Structure: See "Fee Structure" page No. 160

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)
ISL-116	Islamic Studies	2(2+0)
	Total 17(13+4)	
Semester-2		
MT-121	Machine 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-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)	

List of College/Departments

- **Sargodha Medical College**
  - Anatomy
  - Biochemistry
  - Community Medicine
  - Forensic Medicine & Toxicology
  - Pathology
  - Pharmacology
  - Physiology
  - Psychiatry
  - Surgery & Allied
    (Anaesthesia, Orthopaedics, Urology, Radiology)
  - Medicine & Allied
    (Cardiology, Dermatology, Radiotherapy & Oncology)
  - Gynaecology & Obstetrics
  - Ophthalmology (Eye)
  - Otorhinolarngology (ENT)
  - Paediatrics
  - UMC & RC
- **Allied Health Sciences**

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.

SARGODHA MEDICAL COLLEGE

Dr Humaira Akram
Principal

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☎ 048-9232004
◎ Faisalabad Road, Sargodha

Faculty

1. Department of Anatomy

Dr. Amna Mubeen
Assistant Professor

Dr. Uzma Javed
Lecturer / Demonstrator

Dr. Umer Khan
Lecturer / Demonstrator

Dr. Ambreen Haroon
Lecturer / Demonstrator

Dr. Muhammad Aaqib Riaz
Lecturer / Demonstrator

Dr. Nuzhat Riaz
Lecturer / Demonstrator

Dr. Muzammil Amjad
Lecturer / Demonstrator

2. Department of Biochemistry

Dr. Muhammad Zahoor-ul-Hassan Dogar
Professor

Dr. Safdar Ali
Assistant Professor

Dr. Shoaib Ahmad Malik
Assistant Professor

Dr. Sultan Sikandar
Lecturer / Demonstrator

Dr. Nouf Saeed
Lecturer / Demonstrator

Dr. Usman Shahnawaz
Lecturer / Demonstrator

Dr. Sidra Tul Muntha
Lecturer / Demonstrator

Dr. Muhammad Khan Bhatti
Lecturer / Demonstrator

3. Department of Community Medicine

Dr. Abdul Rauf
Associate Professor

Dr. Muhammad Mazhar
Lecturer / Demonstrator

Dr. Saeed Raza
Lecturer / Demonstrator

4. Department of Forensic Medicine

Dr. Nadir Ali
Assistant Professor

Dr. Summyia Sadia
Assistant Professor

Dr. Rabia Sabeen
Lecturer / Demonstrator

Dr. Naveed Ahmed
Lecturer / Demonstrator

5. Department of Pathology

Dr. Abdul Haseeb Khan
Professor

Dr. Tahira Tabassum
Associate Professor

Dr. Nazia Tabish
Lecturer / Demonstrator

Dr. Lubna Shaheen
Lecturer / Demonstrator

Dr. Abdul Saboor
Lecturer / Demonstrator

Dr. Anam Rasheed Cheema
Lecturer / Demonstrator

Dr. Arwa Iftikher Ahmed
Lecturer / Demonstrator

6. Department of Pharmacology

Dr. Farwa Naqvi
Assistant Professor

Dr. Shazia Naveed
Lecturer / Demonstrator

Dr. Muhammad Sarwar
Lecturer / Demonstrator

7. Department of Physiology

Dr. M. Shahid Javed
Assistant Professor

Dr. Madiha Nazir
Lecturer / Demonstrator

Dr. Faryal Mazhar
Lecturer / Demonstrator

Dr. Muhammad Tufail
Lecturer / Demonstrator

Dr. Muntaha Hanif
Lecturer / Demonstrator

Dr. Muhammad Tayyab Hamid Malik
Lecturer / Demonstrator

8. Department of Beh. Science & Psychiatry

Dr. Amna Yasmeen
Lecturer / RMO / Demonstrator

Dr. Saima Batool
Lecturer / RMO / Demonstrator

9. Department of Surgery and Allied

General Surgery

Dr. Naveed Jabbar
Professor

Dr. Ahmad Hassan Khan
Associate Professor

Dr. Khalid Mahmood
Assistant Professor

Dr. Allah Nawaz
Assistant Professor

Anaesthesia

Dr. Raza Farukh
Assistant Professor

Dr. Usman Muzaffar
Lecturer / RMO / Demonstrator

Dr. Ammara Saba
Lecturer / RMO / Demonstrator

Dr. Saqib Saleem
Lecturer / RMO / Demonstrator

Dr. Zarmeena Asghar
Lecturer / RMO / Demonstrator

Orthopaedics

Dr. Syed Abrar Hussain Sherazi
Professor

Dr. Imran Ghani
Assistant Professor

Dr. Alishpa Ijaz
Lecturer / RMO / Demonstrator

Dr. Naseer
Lecturer / RMO / Demonstrator

Urology

Dr. Ahmad Nawaz Bhatti
Professor

Dr. Makhdoom Ahmad Aziz
Senior Registrar

Dr. Muhammad Omer
Lecturer / RMO / Demonstrator

Radiology

Dr. Nazish Hameed
Assistant Professor

Dr. Ayesha Kamran
Assistant Professor

10. Department of Medicine & Allied

General Medicine

Dr. Saif Ullah Goraya
Professor

Dr. Amir Nazir
Associate Professor

Dr. Sheraz Salim
Assistant Professor

Dr. Nighat Fatima
Lecturer / RMO / Demonstrator

Cardiology

Dr. Shehzad Aslam
Assistant Professor

Dr. Fida Muhammad
Assistant Professor

Dermatology

Dr. Zaib Ahmad
Assistant Professor

Dr. Muhammad Naveed Ayub Saleh
Lecturer / RMO / Demonstrator

Radiotherapy/Oncology

Dr. Haroon ur Rashid
Assistant Professor

Dr. Hamid Mujtaba
Lecturer / RMO / Demonstrator

11. Department of Gynaecology & Obstetrics

Dr. Humaira Akram
Professor / Principal

Dr. Afroza Abbas
Associate Professor

Dr. Sadaf Shaheen
Lecturer / RMO / Demonstrator

Dr. Rida Zafar
Lecturer / RMO / Demonstrator

Dr. Sidra Yasmeen
Lecturer

Dr. Zobia Ashiq
Lecturer / Demonstrator

12. Department of Ophthalmology (Eye)

Dr. Hashim Imran
Professor

Dr. Suhail Mushtaq Boobak
Associate Professor

Dr. Nasarrullah Khan
Assistant Professor

Dr. Madiha Nawaz
Lecturer / RMO / Demonstrator

13. Department of Otorhinolarngology (ENT)

Dr. M. Khalil
Assistant Professor

Dr. Muhammad Haseeb Ayub Saleh
Lecturer / RMO / Demonstrator

Dr. Sadia Javed
Lecturer / RMO / Demonstrator

14. Department of Pediatrics

Dr. Rabeya Rehman
Associate Professor

Dr. Muhammad Arshad
Associate Professor

Dr. Suneela Shoukat
Lecturer / RMO / Demonstrator

Dr. Asima Khanum
Lecturer / RMO / Demonstrator

Dr. Jalal-ud-Din Ahmad Zafar
Lecturer / RMO / Demonstrator

Dr. Adeela Aftab
Lecturer / RMO / Demonstrator

15. UMC & RC

Dr. Imrana Sultan
RMO / Lecturer

Dr. Tahreem Tasawar
RMO / Lecturer

Dr. Arooj Ashraf
RMO / Lecturer

Dr. Ayesha Azhar
RMO / Lecturer

MBBS

Eligibility: As per Govt. Of Punjab and PM & DC Policy (FSc $\geq$ 60% + Entry Test Pass)
Duration: 5 years
Merit: Entry Test 50%, FSc 40%, Matric 10%
Fee Structure: See "Fee Structure" page No. 166

1st Year and 2nd Year

1	Anatomy with Embryology & Histology
2	Physiology
3	Biochemistry
4	Islamiyat / Ethics and Pakistan Studies

3rd Year

1	Basic Pharmacology and Therapeutics
2	Forensic Medicine and Toxicology
3	General Pathology, Bacteriology & Parasitology
4	Behavioral Sciences

4th Year

1	Special Pathology
2	Community Medicine
3	Ophthalmology (Eye)
4	ENT

5th Year

1	Medicine and Allied Specialities
2	Surgery and Allied Specialities
3	Gynaecology and Obstetrics
4	Paediatrics including Paediatrics Surgery

DEPARTMENT OF
ALLIED HEALTH SCIENCES

Dr Muhammad Mustafa Qamar
Assistant Professor / Incharge

Contact
✉ ahs.smc@uos.edu.pk
✆ 048-9232015
◉ Faisalabad Road, Sargodha

FACULTY

Dr. Akhtar Rasul
Assistant Professor

Dr. 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. Muhammad Zahoor ul Hassan
Professor (Biochemistry)

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. Naveed Jabbar
Professor (Surgery)

Dr. Ahmad Hassan
Associate Professor (Surgery)

Dr. Abdul Haseeb Khan
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)

Dr. M. Laiq Ahmad Khan
Professor (Nutrition Visiting)

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. 167

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. 167

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	Medical Lab Establishment	200 Marks
Paper II	Medical Instruments and Chemicals II (Specific)	100 Marks
Paper III	General Pathology & Microbiology	200 Marks
Paper IV	Pathology Lab Sciences I	200 Marks
	(Haematology & Blood Banking)	
	Total Marks 700	
4th Year		
Paper I	Community Health, Research Methodology social and Behavioral Sciences	100 Marks
Paper II	Special Pathology	200 Marks
Paper III	Pathology Lab Sciences II (Chemical Pathology and Immunology)	200 Marks
Paper IV	Medical Lab Reporting & Evaluation	200 Marks
	Report Writing	Qualifying
	Total Marks 700	

BS AHS
Surgery /OT Lab Sciences

Eligibility: At least 60% marks in FSc (Pre-Medical) or equivalent
Duration: 4 years
Fee Structure: See "Fee Structure" page No. 167

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	Medical Lab Establishment	200 Marks
Paper II	Medical Instruments and Chemicals II (Specific)	100 Marks
Paper III	General Pathology & Microbiology	200 Marks
Paper IV	Surgery / OT Lab Sciences I	200 Marks
	Total Marks 700	
4th Year		
Paper I	Community Health, Research Methodology Social and Behavioral Sciences	100 Marks
Paper II	Special Pathology	200 Marks
Paper III	Surgery / OT Lab Sciences II	200 Marks
Paper IV	Medical Lab Reporting & Evaluation	200 Marks
	Report Writing	Qualifying
	Total Marks 700	

BS AHS
Radiology Lab Sciences

Eligibility: At least 60% marks in FSc (Pre-Medical) or equivalent
Duration: 4 years
Fee Structure: See "Fee Structure" page No. 167

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	Medical Lab Establishment	200 Marks
Paper II	Medical Instruments and Chemicals II (Specific)	100 Marks
Paper III	General Pathology & Microbiology	200 Marks
Paper IV	Radiology Lab Sciences I (General Radiology and Radiation Physics)	200 Marks
	Total Marks 700	
4th Year		
Paper I	Community Health, Research Methodology social and Behavioral Sciences	100 Marks
Paper II	Special Pathology	200 Marks
Paper III	Radiology Lab Sciences II (Nuclear Medicine and Surgery)	200 Marks
Paper IV	Medical Lab Reporting & Evaluation	200 Marks
	Report Writing	Qualifying
	Total Marks 700	

BS AHS
Public Health Lab Sciences

Eligibility: At least 60% marks in FSc (Pre-Medical) or equivalent
Duration: 4 years
Fee Structure: See "Fee Structure" page No. 167

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	Medical Lab Establishment	200 Marks
Paper II	Medical Instruments and Chemicals II (Specific)	100 Marks
Paper III	General Pathology & Microbiology	200 Marks
Paper IV	Public Health Sciences I	200 Marks
		Total Marks 700
4th Year		
Paper I	Community Health, Research Methodology social and Behavioral Sciences	100 Marks
Paper II	Special Pathology	200 Marks
Paper III	Public Health Lab Sciences II	200 Marks
Paper IV	Medical Lab Reporting & Evaluation	200 Marks
	Report Writing	Qualifying
		Total Marks 700

SARGODHA MEDICAL COLLEGE SPORTS GALA 2020

FACULTY OF
PHARMACY

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College of Pharmacy

- Pharmaceutics
- Pharmaceutical Chemistry
- Pharmacognosy
- Pharmacology
- 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 Saira Azhar
Principal

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📍 Al-Razi Block

FACULTY

Dr. Sajid Bashir Professor	**Mulazim Hussain Asim** Lecturer (on study leave)
Dr. Shahid Rasool Associate Professor	**Dr. M. Rouf Akram** Lecturer
Dr Muhammad Usman Minhas Associate Professor	**Dr. Hafeez Ullah Khan** Lecturer
Kamran Assistant Professor	**Ayisha Khalid** Lecturer
Dr. Saeed-ur-Rashid Nazir Assistant Professor	**Aqeel Aslam** Lecturer
Attique-ur-Rahman Mufti Assistant Professor (on deputation)	**Hafiz Rashid Hussain** Lecturer
Dr. M. Naeem Qaisar Assistant Professor	**Dr. Noreen Khalid** Lecturer
Muhammad Akram Assistant Professor	**Ayesha Shamim** Lecturer
Dr. Hafiz Muhammad Irfan Assistant Professor	**Mamoona Dar** Lecturer
Iftikhar Afzal Assistant Professor	**Taseer Ahmad** Lecturer
Dr. Muhammad Zubair Malik Assistant Professor	**Dr. Nayab Tahir** Lecturer
Dr. Abdul Malik Assistant Professor	**Haseeb Ahsan** Lecturer
Dr. Rai M. Sarfraz Lecturer	**Dr. M. Tahir Haseeb** Lecturer
Dr Alia Erum Lecturer	**Dr. Ambreen Malik Uttra** Lecturer
Dr Ume Ruqia Tulain Lecturer	
Dr. Shazia Akram Lecturer	
Safirah Maheen 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. 160

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	English-I (Functional English) [T]	2(2+0)
PHRM-5101	Pharmaceutics-I (Physical Pharmacy-I) [T]	3(3+0)
PHRM-5102	Pharmaceutics-I (Physical Pharmacy-I) [P]	1(0+1)
PHRM-5103	Pharmaceutical Chemistry-I (Organic-I) [T]	3(3+0)
PHRM-5104	Pharmaceutical Chemistry-I (Organic-I) [P]	1(0+1)
PHRM-5105	Pharmaceutical Chemistry-II A (Biochemistry-I) [T]	3(3+0)
PHRM-5106	Pharmaceutical Chemistry-II A (Biochemistry-I) [P]	1(0+1)
PHRM-5107	Physiology-A [T]	3(3+0)
PHRM-5108	Physiology-A [P]	1(0+1)
PHRM-5109	Anatomy & Histology [T]	3(3+0)
PHRM-5110	Anatomy & Histology [P]	1(0+1)
	Total 22(17+5)	
Semester-2		
URCE-5102	English-II (Communi. & Writing Skills) [T]	4(4+0)
PHRM-5111	Pharmaceutics-I B (Physical Pharmacy-II) [T]	3(3+0)
PHRM-5112	Pharmaceutics-I B (Physical Pharmacy-II) [P]	1(0+1)
PHRM-5113	Pharmaceutical Chemistry-I B (Organic-II) [T]	3(3+0)
PHRM-5114	Pharmaceutical Chemistry-I B (Organic-II) [P]	1(0+1)
PHRM-5115	Pharmaceutical Chemistry-I B (Biochemistry-II) [T]	3(3+0)
PHRM-5116	Pharmaceutical Chemistry-I B (Biochemistry-II) [P]	1(0+1)
PHRM-5117	Physiology-B [T]	3(3+0)
PHRM-5118	Physiology-B [P]	1(0+1)
	Total 20(16+4)	
Semester-3		
URCI-5105	Islamic Studies	3(3+0)
PHRM-5119	Pharmaceutics-II A (Dosage Form Science-I) [T]	3(3+0)
PHRM-5120	Pharmaceutics-II A (Dosage Form Science-I) [P]	1(0+1)
PHRM-5121	Pharmaceutics-III (Pharmaceutical Mic. & Immu.-I) [T]	3(3+0)
PHRM-5122	Pharmaceutics-II (Pharmaceutical Mic. & Immu.-I) [P]	1(0+1)
PHRM-5123	Pharmacology & Therapeutics-I A [T]	3(3+0)
PHRM-5124	Pharmacology & Therapeutics-I A [P]	1(0+1)
PHRM-5125	Pharmacognosy-I A (Basic-I) [T]	3(0+3)
PHRM-5126	Pharmacognosy-I A (Basic-I) [P]	1(0+1)
PHRM-5127	Pharmacy Practice-I A (Pharmaceutical Mathematics)	3(3+0)
	Total 22(18+4)	
Semester-4		
URCP- 5106	Pakistan Studies [T]	2(2+0)
PHRM-5128	Pharmaceutics-II B (Dosage Form Science-II) [T]	3(3+0)
PHRM-5129	Pharmaceutics-II B (Dosage Form Science-II) [P]	1(0+1)
PHRM-5130	Pharmaceutics-III B (Pharma. Mic. & Immun.-II) [T]	3(3+0)
PHRM-5131	Pharmaceutics-III B (Pharma. Mic. & Immun.-II) [P]	1(0+1)
PHRM-5132	Pharmacology & Therapeutics-I B [T]	3(3+0)
PHRM-5133	Pharmacology & Therapeutics-I B [P]	1(0+1)
PHRM-5134	Pharmacognosy-I B (Basic-II) [T]	3(3+0)

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

Semester-5

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

Semester-6

PHRM-6147	Pharmacy Practice-II B (Community Social & Administrative Pharmacy) [T]	3(3+0)
PHRM-6148	Pharmaceutical Chemistry-III B (Pharmaceutical Analysis-II) [T]	3(3+0)
PHRM-6149	Pharmaceutical Chemistry-III B (Pharmaceutical Analysis-II) [P]	1(0+1)
PHRM-6150	Pharmacology and Therapeutics-II B [T]	3(3+0)
PHRM-6151	Pharmacology and Therapeutics-II B [P]	1(0+1)
PHRM-6152	Pharmacognosy-II B (Advanced-II) [T]	3(3+0)
PHRM-6153	Pharmacognosy-II B (Advanced-II) [P]	1(0+1)
PHRM-6154	Pharmacy 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

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

PHRM-6161	Pharmaceutics-V A (BioPharmaceutics & Pharmacokinetics-I) [T]	3(3+0)
PHRM-6162	Pharmaceutics-V A (BioPharmaceutics & Pharmacokinetics-I) [P]	1(0+1)
PHRM-6163	Pharmaceutics-VI A (Pharmaceutical Quality Management-I) [T]	3(3+0)
PHRM-6164	Pharmaceutics-VI A (Pharmaceutical Quality Management-I) [P]	1(0+1)
		Total 19(15+4)

Semester-8

PHRM-6165	Pharmacy Practice-IV B (Hospital Pharmacy-II) [T]	3(3+0)
PHRM-6166	Pharmacy Practice-V B (Clinical Pharmacy-II) [T]	3(3+0)
PHRM-6167	Pharmacy Practice-V B (Clinical Pharmacy-II) [P]	1(0+1)
PHRM-6168	Pharmaceutics-IV B (Industrial Pharmacy-II) [T]	3(3+0)
PHRM-6169	Pharmaceutics-IV B (Industrial Pharmacy-II) [P]	1(0+1)
PHRM-6170	Pharmaceutics-V B (BioPharmaceutics & Pharmacokinetics-II) [T]	3(3+0)
PHRM-6171	Pharmaceutics-V B (BioPharmaceutics & Pharmacokinetics-II) [P]	1(0+1)
PHRM-6172	Pharmaceutics-VI B (Pharmaceutical Quality Management-II) [T]	3(3+0)
PHRM-6173	Pharmaceutics-VI B (Pharmaceutical Quality Management-II) [T]	1(0+1)
		Total 19(15+4)

Semester-9

PHRM-6174	Pharmaceutics-VII A (Pharmaceutical Technology-I) [T]	3(3+0)
PHRM-6175	Pharmaceutics-VII A (Pharmaceutical Technology-I) [P]	1(0+1)
PHRM-6176	Pharmacy Practice-VI A (Advanced Clinical Pharmacy-II) [T]	3(3+0)
PHRM-6177	Pharmacy Practice-VI A (Advanced Clinical Pharmacy-II) [P]	1(0+1)
PHRM-6178	Pharmacy Practice-VII A (Forensic Pharmacy) [T]	3(3+0)
PHRM-6179	Pharmacy Practice-VIII A (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

PHRM-6182	Pharmaceutics-VII B (Pharmaceutical Technology-II) [T]	3(3+0)
PHRM-6183	Pharmaceutics-VII B (Pharmaceutical Technology-II) [P]	1(0+1)

PHRM-6184	Pharmacy Practice-VI B (Advanced Clinical Pharmacy-II) [T]	3(3+0)
PHRM-6185	Pharmacy Practice-VI B (Advanced Clinical Pharmacy-II) [P]	1(0+1)
PHRM-6186	Pharmacy Practice-VII B (Forensic Pharmacy) [T]	3(3+0)
PHRM-6187	Pharmacy Practice-VIII B (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 international 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-Pharm 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. 160

Code	Course Title	C/Hr.

Semester-1

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

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-Pharm 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. 160

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 Marketting	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-Pharm 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. 160

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: Pharm-D or B-Pharm or equivalent 16 years of education with at least second division or CGPA 2.00 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. 160

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	3(3+0)
	Anti-microbial agents	
	Total	**9(9+0)**
Semester-3 to 6		
PHRM-8107	Research & Thesis	

PhD Pharmaceutics

Eligibility: MPhil in Pharmaceutics (18 years of education) or equivalent Degree 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. 160

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

Phone: 048-9230811-15 Ext. 416
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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

Dr Farooq Anwar
Professor / Chairperson

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FACULTY

Dr. Muhammad Ilyas Tariq Professor	**Dr. Fozia Batool** Assistant Professor
Dr. M. Ashraf Shaheen Professor	**Dr. Abdul Karim** Assistant Professor
Dr. Muhammad Sher Professor	**Dr. Gohar Taqi** Assistant Professor
Dr. Muhammad Ajaz Hussain Associate Professor	**Mahmood Anwar** Assistant Professor
Dr. Abdul Rauf Raza Associate Professor	**Muhammad Atif Zia** Assistant Professor
Tariq Saeed Shah Associate Professor	**Dr. Azhar Abbas** Assistant Professor
Dr. Muhammad Amin Associate Professor	**Dr. Mubashra Saadia** Assistant Professor
Dr. Jamshed Akbar Associate Professor	**Dr. Muhammad Imran Irfan** Assistant Professor
Dr. Azhar Abbas Associate Professor	**Taleeha Roheen** Lecturer (on leave)
Dr. Waseeq A. Siddiqui Assistant Professor	**Dr. Sobia Noreen** Lecturer
Dr. Humaira Yasmeen Assistant Professor	**Dr. Muhammad Naeem-ul-Hassan** Lecturer
Dr. Shahid Iqbal Assistant Professor	**Dr. Muhammad Fayyaz-ur-Rehman** Lecturer
Dr. Nargis Sultana Assistant Professor	**Abu Bakar Siddique** Lecturer

BS Chemistry

Eligibility: At least 45% marks in Intermediate with Chemistry as an elective subject
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 161

Code	Course Title	C/Hr.
Semester-1		
CHEM-5101*	Physical Chemistry	4(3+1)
BOTN-5101	Diversity of Plans	4(3+1)
ZOOL-5101	Animal Diversity-I (Invertebrates)	4(3+1)
URCE-5101	English I (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	English-II (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	English-III (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	English-IV (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-6106	Basic Mathematics for Chemists	2(2+0)
CHEM-6107	Analytical Chemistry	4(3+1)
CHEM-6108	Inorganic Chemistry-I	4(3+1)
CHEM-6109	Organic Chemistry-I	4(3+1)
CHEM-6110	Physical Chemistry-I	4(3+1)
	Total 18(14+4)	
Semester-6		
CHEM-6110	Basic Statistics for Chemists	2(2+0)
CHEM-6111	Biochemistry	4(3+1)
CHEM-6112	Inorganic Chemistry-II	4(3+1)
CHEM-6113	Organic Chemistry-II	4(3+1)
CHEM-6114	Physical Chemistry-II	4(3+1)
	Total 18(14+4)	
Semester-7		
CHEM-6115	Forensic Science	2(2+0)
CHEM-6116	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

Code	Course Title	C/Hr.
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)	

MSc Chemistry

Eligibility: At least 45% marks in BSc or Equivalent. Candidates holding BSc/Equivalent in different format to UOS are required to submit equivalence certificate from UOS Equivalent Committee alongwith the application form. 25% marks contribution of Chemistry to total (like 200/800) is compulsory with at least 45% marks in subject.
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 161

Code	Course Title	C/Hr.
Semester-1		
CHEM-6201	Basic Mathematics for Chemists	2(2+0)
CHEM-6202	Biochemistry	4(3+1)
CHEM-6203	Inorganic Chemistry-I	4(3+1)
CHEM-6204	Organic Chemistry-I	4(3+1)
CHEM-6205	Physical Chemistry-I	4(3+1)
	Total 18(14-4)	
Semester-2		
CHEM-6206	Computer Applications in Chemistry	2(2+0)
CHEM-6207	Analytical Chemistry	4(3+1)
CHEM-6208	Inorganic Chemistry-II	4(3+1)
CHEM-6209	Organic Chemistry-II	4(3+1)
CHEM-6210	Physical Chemistry-II	4(3+1)
	Total 18(14+4)	
Semester-3		
CHEM-6211	Industrial Chemistry	3(3+0)
CHEM-6212	Forensic Chemistry	2(2+0)
CHEM-62xx	Specialization	3(3+0)
CHEM-62xx	Research / Course	4(3+1)
CHEM-62xx	Specialization	4(3+1)
	Total 16(14+2)	

Semester-4

Code	Course Title	C/Hr.
CHEM-6229	Environmental Chemistry	3(3+0)
CHEM-62xx	Research / Course	4(3+1)
CHEM-62xx	Specialization	3(3+0)
CHEM-62xx	Specialization	4(3+1)
	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 Department of Chemistry UOS (Min 50%) + Interview and 2.0 CGPA in BS/MSc chemistry. 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. 161

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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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	Physical Chemistry of High Polymers	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	
	Advanced Solid State Chemistry and	3(3+0)
CHEM-7136	Characterization Techniques	3(3+0)
CHEM-7137	Heterogeneous Catalysis	3(3+0)
CHEM-7138	Ion Exchange Chemistry	3(3+0)
	Total 12(12+0)*	

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

PhD Chemistry

Eligibility: UOS conducted subject based entry test (70% min) + Interview and 3.0 CGPA out of 4.0 in MS/MPhil chemistry
Duration: 3-8 Years
Semesters: 6-16
Degree Requirements: 18 Credit Hours Course Work + Dissertation
Fee Structure: See "Fee Structure" page No. 161

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 Chairman of the Department. 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	3(3+0)
	Practices (Compulsory)	
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 Chairman, offered by any department of the university or Agriculture/Medical/Engineering College that has not been opted by the candidate in MS/MPhil degree. 2x3

DEPARTMENT OF
BIOTECHNOLOGY

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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. Sumreen Hayat
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. 161

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)

BIOT-6121	Genomics and Proteomics (M)	3(3+0)
BIOT-6122	Biosafety and Bioethics (C)	2(2+0)
	Total 17(14+3)	

Semester-7

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

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 4 Year or MSc 2 Year in basic science subject + 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. 161

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

MPhil Courses

BIOT-7101	Metabolic Pathways In Plants	3(3+0)
BIOT-7102	Signal Transduction	3(3+0)
BIOT-7103	Biotechnology Law & Regulations	3(3+0)
BIOT-7104	Recombinant DNA Technology	3(3+0)
BIOT-7105	General & Medical Genetics	3(3+0)
BIOT-7106	Molecular Basis of Plant Development	3(3+0)
BIOT-7107	Regulation of Gene Expression	3(3+0)
BIOT-7108	Biological Safety and Risk Management	3(3+0)
BIOT-7109	Biochemistry I	3(3+0)
BIOT-7110	Biochemistry II	3(3+0)
BIOT-7111	Cell Biology I	3(3+0)
BIOT-7112	Cell Biology II	3(3+0)
BIOT-7113	Molecular Biology	3(3+0)
BIOT-7114	Bioinformatics	3(3+0)
BIOT-7115	Virology	3(3+0)
BIOT-7116	Analytical & Mechanistic Enzymology	3(3+0)
BIOT-7117	Protein Chemistry & Enzymology	3(3+0)
BIOT-7118	Insect Molecular Biology and Viruses	3(3+0)
BIOT-7119	Biostatistics & Laboratory Mathematics	3(3+0)
BIOT-7120	Bioprocess Technology	3(3+0)
BIOT-7121	Biophysics	3(3+0)
BIOT-7122	Biopharming in Plants: Principles and Techniques	3(3+0)
BIOT-7123	Protein Engineering	3(3+0)
BIOT-7124	Bioremediation and Biodegradation	3(3+0)
BIOT-7125	Research Methods in Biotechnology	3(3+0)
BIOT-7126	Immunology	3(3+0)
BIOT-7127	Agriculture Biotechnology	3(3+0)
BIOT-7128	Molecular Evolution	3(3+0)
BIOT-7129	Molecular Basis of Plant Breeding	3(3+0)
BIOT-7130	Bioethics, Biosecurity, Biosafety & Dual Use Edu.	3(3+0)
BIOT-7131	Research Methods in Biotechnology	3(3+0)
BIOT-7132	Microbial Enzyme Technology	3(3+0)
BIOT-7133	Forensic Sciences	3(3+0)
BIOT-7134	Medicinal Plant Biotechnology	3(3+0)
BIOT-7135	Fermentation Technology	3(3+0)
BIOT-7136	Applied Biostatistics	3(3+0)
BIOT-7137	Advanced Analytical Techniques	3(3+0)

DEPARTMENT OF
BOTANY

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Professor / Chairperson

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Assistant Professor

Dr. Amin Ullah Shah
Assistant Professor

Dr. Abdul Ghani
Assistant Professor

Naima Huma Naveed
Assistant Professor

Asghar Ali Ansari
Assistant Professor

Muhammad Imran
Lecturer

Abdul Majid
Lecturer

Asma Ashfaq
Lecturer

Rameez Hussain
Lecturer

Servat 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. 161

Code	Course Title	C/Hr.
Semester-1		
BOTN-5101	Diversity of Plants	4(3+1)
ZOOL-5102	Principles of Animal life	4(3+1)
CHEM-5101	Physical Chemistry	4(3+1)
URCE-5101	English-I (Grammar)	3(3+0)
URCP-5106	Pakistan Studies	2(2+0)
	Total 17(14+3)	
Semester-2		
BOTN-5102	Plant systematic, Anatomy and Development Embryology	4(3+1)
ZOOL-5102	Diversity in Animals Invertebrates	4(3+1)
CHEM-5102	Inorganic Chemistry	4(3+1)
URCE-5102	English-II(Language Compr. & Presentation Skills)	3(3+0)
URCI-5105	Islamic Studies	2(2+0)
	Total 17(14+3)	
Semester-3		
BOTN-5103	Cell Biology, Genetics & Evolution	4(3+1)
ZOOL-5103	Diversity of Animal Chordates	4(3+1)
CHEM-5103	Organic Chemistry	4(3+1)
URCE-5103	English-III (Academic Writing)	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	Principles of Animal Physiology	4(3+1)
CHEM-5104	Basic Biochemistry	4(3+1)
BOTN-5105	Biodiversity and Conservation	3(2+1)
URCM-5107	Mathematics	3(3+0)
	Total 18(14+4)	
Semester-5		
BOTN-6106	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)

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

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)	

MSc Botany

Eligibility: At least 45% marks in BSc/Equivalence certificate BSc (Botany Zoology, Chemistry), BSc (Botany, Zoology Psychology). English compulsory of 200 is mandatory for candidates from FATA.
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 161

Code	Course Title	C/Hr.
Semester-1		
BOTN-6201	Biostatistics	3(2+1)
BOTN-6202	Bacteriology and Virology	3(2+1)
BOTN-6203	Phycology & Bryology	3(2+1)
BOTN-6204	Mycology & Plant Pathology	3(2+1)
BOTN-6205	Diversity of Vascular Plants	3(2+1)
BOTN-6206	Plant Systematics	3(2+1)
	Total 18(12+6)	
Semester-2		
BOTN-6207	Plant Anatomy	3(2+1)
BOTN-6208	Genetics-I	3(2+1)
BOTN-6209	Plant Biochemistry-I	3(2+1)
BOTN-6210	Plant Ecology-I	3(2+1)
BOTN-6211	Plant Physiology-I	3(2+1)
BOTN-6212	Cell Biology	3(2+1)
	Total 18(12+6)	
Semester-3		
BOTN-6213	Molecular Biology	3(2+1)
BOTN-6214	Plant Biochemistry-II	3(2+1)

BOTN-6215	Plant Ecology-II	3(2+1)
BOTN-6216	Research Methodology	2(2+0)
BOTN-6217	Seminar	1(1+0)
BOTN-62xx	ELECTIVE-I/	3(2+1)
	Optional paper/Thesis/Internship/Research Project	
	Total 15(11+4)	

Semester-4

BOTN-6218	Plant Physiology-II	3(2+1)
BOTN-6219	Genetics II	3(2+1)
BOTN-6220	Environmental Biology	3(2+1)
BOTN-6221	Biodiversity & Conservation	3(2+1)
BOTN-62xx	ELECTIVE-II/	3(2+1)
	Optional paper/Thesis/Internship/ Research Project	
	Total 15(10+5)	

MPhil Botany

Eligibility: MSc/BS Botany (16 years of education) with at least second division or CGPA 2.00 out of 4.00 + Departmental test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 24 C/Hr. Course Work + 6 C/Hr. Thesis
Fee Structure: See "Fee Structure" page No. 161

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	Advanced in Physiology & Molecular Biology of Plants	3(2+1)

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

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

PhD Botany

Eligibility: MPhil/MSc(Hons)/MS Botany (18-years of education) or Equivalent degree with at least first division or CGPA=3.00 out of 4.00 + 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. 161

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	Conservation Ecology	3(2+1)
BOTN-8112	Bioethics	3(2+1)
BOTN-8113	Semi-Arid 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
COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

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Dr. Muhammad Ilyas Assistant Professor	**Qaisar Farooq** Lecturer
Fahad Maqbool Assistant Professor	**Hussam Ali** Lecturer
Dr. Qaiser Abbas Assistant Professor	**Muhammad Zohaib** Lecturer
Dr. Khalid Mehmood Aamir Assistant Professor	**Waseem Ahmed** Lecturer
Dr. Humaira Ijaz Assistant Professor	**Muhammad Fahad** Lecturer
Bushra Jameel Lecturer	**Naveed Ahmad** Lecturer
Muhammad Iqbal Lecturer	**Iqra Khan** Lecturer
Faisal Shahzad Lecturer (On leave)	**Salman Ahmad Jajja** Lecturer
Muhammad Kaleem Lecturer (on leave)	**Muhammad Ramzan Malik** Lecturer
Madiha Sarwar Lecturer	**Sidra Batool** Lecturer
Farooq Javed Lecturer	**Nisar Ahmed** Lecturer
Aamir Zia Lecturer	**Farhana Sharif** Lecturer

BS Computer Science

Eligibility: At least 50% marks in Intermediate (HSSC) examination with Mathematics or equivalent qualification with Mathematics certified by IBCC
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 162

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	Cal3culus & 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 Structure	3(3+0)
ENGL-101	ENGL-102	Communication Skills	3(3+0)
		Total 19(18+1)	
Semester-3			
	CSCC-201	Comp Organization & Assembly Language	4(3+1)
CMPC-102	CMPC-201	Data Structures & Algorithms	4(3+1)
ENGL-102	ENGL-201	Technical & Report Writing	3(3+0)
	PKST-201	Pakistan Studies	2(2+0)

	CMPC-205	Computer Networks	4(3+1)
	BUSB-201	Principles of Management	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)
	BUSB-204	Human Resource Management	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-301	Web systems Technologies	3(3+0)
	CSSC-301	Multimedia Systems and Design	3(3+0)
	MATH-301	Multivariable Calculus	3(3+0)
	CSSC-307	Object-Oriented Analysis and Design	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-312	Mobile Application Development	3(3+0)
		Total 16(15+1)	
Semester-7			
	CMPC-401	Capstone I	3(0+3)
	CSEC-407	Data Mining	3(3+0)
	BUSB-401	Entrepreneurship	3(3+0)

Pre-req.	Code	Course Title	C/Hr.
	CSEC-409	Database Administration & Management	3(3+0)
		Total 13(9+3)	

Semester-8

Pre-req.	Code	Course Title	C/Hr.
	CMPC-402	Capstone II	3(0+3)
	CSSC-402	Professional Practice	3(3+0)
	CSEC-406	Data Warehousing	3(3+0)
	BUSB-402	Financial Accounting	3(3+0)
		Total 12(9+3)	

BS Information Technology

Eligibility: At least 50% marks in Intermediate (HSSC) examination with Mathematics or equivalent qualification with Mathematics or DAE equivalent qualification with Mathematics certified by IBCC
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 162

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-102	Discrete Structures	3(3+0)
	MATH-102	Software Engineering	3(3+0)
	BUSB-102	Islamic Studies	3(3+0)
	BUSB-202	Principles of Management	3(3+0)
		Total 19(18+1)	
Semester-3			
CMPC-102	CMPC-203	Data Structure and Algorithms	4(3(3+1)
	CMPC-205	Discrete Structures	3(3+0)
	ITSC-201	Professional Practices	3(3+0)
	ITSC-201	Enterprise Systems	3(3+0)
	MATH-203	Liner Algebra	3(3+0)
		Total 16(15+1)	

Semester-4

Pre-req.	Code	Course Title	C/Hr.
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)
	BUSB-202	Entrepreneurship	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-305	Design and Analysis of Algorithms	3(3+0)
CMPC-204	ITCC-301	System and Network Administration	4(3+1)
	ITEC-303	Mobile Application Development	3(3+0)
		Total 17(15+2)	
Semester-6			
	ITCC-302	Web Technologies	3(3+0)
	BUSB-302	Human Resource Management	3(3+0)
	ITEC-302	Cloud Computing	3(3+0)
	ITEC-304	Network Design and Management	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-405	Mobile and Wireless Networks	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-420	Data Warehousing	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 or equivalent qualification with Mathematics certified by IBCC
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 162

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)
	BUSB-102	Principles of Management	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)
	BUSB-201	Human Resource Management	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)
	BUSB-202	Business Economics	3(3+0)
		Total 17(14+3)	

Semester-5

	Code	Course Title	C/Hr.
	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-301	Business Process Engineering	3(3+0)
	SESC-305	Formal Methods in Software Engineering	3(3+0)
		Total 16(14+2)	

Semester-6

	Code	Course Title	C/Hr.
	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-314	Multimedia Systems and Design	3(3+0)
	SESC-304	Cyber Security	3(3+0)
		Total 18(18+0)	

Semester-7

	Code	Course Title	C/Hr.
	SECC-401	Software Project Management	3(3+0)
	SECC-403	Software Re-Engineering	3(3+0)
	SEEC-401	Model Driven Software Development	3(3+0)
	SEEC-409	Cloud Computing	3(3+0)
	CMPC-401	Final Year Project I	3(0+3)
		Total 15(12+3)	

Semester-8

	Code	Course Title	C/Hr.
	SEEC-426	Software Metrics	3(3+0)
	SEEC-402	Software Engineering Economics	3(3+0)
	CMPC-402	Final Year Project II	3(0+3)
	BUSB-402	Entrepreneurship	3(3+0)
		Total 15(12+3)	

MSc Information Technology

Eligibility: At least 45% marks in BSc/BA/PGD-IT/BCS/ADP.
Duration: 2 Years
Semesters: 4
Degree Requirements: 74 credit hours
Fee Structure: See "Fee Structure" page No. 162

Pre-req.	Code	Course Title	C/Hr.
Semester-1			
	CMP-2122	Programming Fundamentals	4(3+1)
	MATH-2215	Basic Electronics	3(3+0)
	CMPS-2210	Digital Logic Design	3(3+0)
	ENGL-2413	Technical & Report Writing	3(3+0)
	MNG-2210	Financial Accounting	3(3+0)
	ICT-2011	Introduction to ICT	3(3+0)
		Total 19(18+1)	
Semester-2			
	CMP-3611	Operating Systems	3(3+0)
CMP-2122	CMP-2123	Object Oriented Programming	4(3+1)
	CMP-3310	Software Engineering	3(3+0)
	IT-3743	Multimedia System & Design	3(3+0)
	CMP-2540	Computer Communi. & Networks	3(3+0)
	CMP-2111	Discrete Structure	3(3+0)
		Total 19(18+1)	
Semester-3			
	CMP-4970	Capstone Project I	3(3+0)
CMP-2122	IT-3548	Web Systems and Technologies	3(3+0)
	CMP-3112	Data Structures and Algorithms	3(3+0)
CMP-2123	CMP-3440	Database Systems	3(3+0)
CMP-2123	SE-331	Object Oriented Analysis and Design	3(3+0)
	SE-xxx	IT Elective I *	3(3+0)
		Total 18(18+0)	

Semester-4

Pre-req.	Code	Course Title	C/Hr.
	CMP-4970	Capstone Project II	3(3+0)
CMP-3310	IT-4349	IT-Project Management	3(3+0)
CMP-2540	IT-4511	System and Network Administration	3(3+0)
CMP-3611			
CMP-3440	IT-3441	Database Administration & Manag.	3(3+0)
	xxx-xxxx	IT-Elective II *	3(3+0)
	xxx-xxx	IT-Elective III *	3(3+0)
		Total 18(18+0)	

* 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 + 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. 162

Pre-req.	Code	Course Title	C/Hr.
Semester-1			
	CSCC-701	Advanced Theory of Computation	3(3+0)
	CSCC-702	Advanced Algorithm Analysis	3(3+0)
	CSCC-703	Advanced Operating Systems	3(3+0)
		Total 9(9+0)	
Semester-2			
	CSCC-704	Advanced Computer Architecture	3(3+0)
	CSCC-7xx	Elective-I	3(3+0)
	CSCC-7xx	Elective-II	3(3+0)
		Total 9(9+0)	
Semester-3			
	CSCC-700	Thesis-I	3(0+3)
	CSCC-7xx	Elective III	3(3+0)
	CSCC-7xx	Elective IV	3(3+0)
		Total 9(6+3)	
Semester-4			
	CSCC-700	Thesis -II	3(0+3)

MS Information Technology

Eligibility: Sixteen years of education including 4-years BSCS/ BSIT/ BSSE/ MSc IT 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. 162

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)

DEPARTMENT OF
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Dr. Shamim Akhtar
Assistant Professor

Abdul Hannan
Lecturer

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)
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 162

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.

The most important time of life is the time spent at a university. I am proud to be a part of the Department of Earth Sciences, Sargodha University. The department and the University provide all the necessary pieces of training and teachings that are required by any professional organization. I have learned many great things but most importantly the uniformity in dress code at SU. Where everyone dresses the same, students don't worry about socioeconomic judgments when it comes to clothing.
Ahmad, BS Geography

BS Geography

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. 162

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)	

Code	Course Title	C/Hr.
Semester-5		
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		
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		
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		
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. 162

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)**

MSc Geography

Eligibility: At least 45% marks in Graduation with Geography as elective subject
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 162

Code	Course Title	C/Hr.
Semester-1		
GEOG-6201	Geographic Thought (Ancient)	3(3+0)
GEOG-6202	Economic Geography	3(3+0)
GEOG-6203	Geomorphology-I	3(3+0)
GEOG-6204	Climatology	3(3+0)
GEOG-6205	Quantitative Methods	3(3+0)
GEOG-6206	Principles of Cartography	1(1+0)
GEOG-6207	Lab. Work	2(0+2)
	Total 18(16+2)	
Semester-2		
GEOG-6208	Geographic Thought (Modern)	3(3+0)
GEOG-6209	Commercial Geography	3(3+0)
GEOG-6210	Geomorphology-II	3(3+0)
GEOG-6211	Oceanography	3(3+0)
GEOG-6212	Research Methods	3(3+0)
GEOG-6213	Surveying	3(1+2)
	Total 18(16+2)	
Semester-3		
GEOG-6214	Population Geography	3(3+0)
GEOG-6215	Remote Sensing	3(2+1)
GEOG-6216	Geographical Information System	3(2+1)
GEOG-62xx	Elective *	3(3+0)
GEOG-62xx	Regional Geography *	3(3+0)
	Total 15(13+2)	
Semester-4		
GEOG-6217	Pakistan: (Environment & Economy)	3(3+0)
GEOG-62xx	Elective *	3(3+0)
GEOG-62xx	Elective *	3(3+0)
GEOG-62xx	Field Survey	6(0+6)
GEOG-6290	Thesis (in lieu of two options)	6(0+6)
	Total 15(9+6) / 12(3+12)	

* As notified by the Chairperson depending upon the available resources.

DEPARTMENT OF
MATHEMATICS

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FACULTY

Dr. Shahid Mubeen Associate Professor	**Dr. Tahir Nazir** Lecturer
Dr. M. Imran Anwar Associate Professor	**Saima Naheed** Lecturer (on study leave)
Dr. Muhammad Yaseen Assistant Professor	**Dr. M. Samraiz** Lecturer
Dr. Muhammad Faheem Assistant Professor	**Javeria Farooq** Lecturer
Dr. M. Ashraf Assistant Professor	**Asifa Ilyas** Lecturer
Dr. Khuram Ali Khan Assistant Professor	**Bushra Batool** Lecturer
Dr. Iram Iqbal Assistant Professor	**Dr. Azhar Hussain** Lecturer
Dr. Mumtaz Ahmad Lecturer	**Uzma Ahmad** Lecturer
Dr. Khalid Mehmmod Awan Lecturer	

BS Mathematics

Eligibility: Intermediate or equivalent with Mathematics
(at least 45% marks in Intermediate and 50% marks in Math)
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 162

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3+0)
URCP-5106	Pak Studies	2(2+0)
URCI-5109	Intro. to Information & Communication Techn.	3(3+0)
MATH-5101	Calculus-I	3(3+0)
MATH-5102	Elements of Set Theory and Mathematical Logic	3(3+0)
PHYS-5161	Physic-I	4(3+1)
	Total	**18(17+1)**
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3+0)
URCI-5105	Islamic Studies	2(2+0)
MATH-5103	Calculus-II	3(3+0)
MATH-5104	Statistics	3(3+0)
MATH-5105	Programming Languages for Math	3(3+0)
PHYS-5162	Physic-II	4(3+1)
URCC-5110	Citizenship Education and Community Engagement (non-credit course)	
	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	Physic-III	4(3+1)
URCE-5103	Academic Writing	3(3+0)
MATH-5108	Probability Theory	3(3+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	Thermodynamics & Stat. Mechanics	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)
	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

Code	Course Title	C/Hr.
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)
	Total	**15(15+0)**

Semester-8

Code	Course Title	C/Hr.
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)**

MSc Mathematics

Eligibility: At least 45% marks in BSc with Math A & B courses/and 50% marks in Math A And B courses.
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 162

Code	Course Title	C/Hr.
Semester-1		
MATH-6201	Real Analysis-I	3(3+0)
MATH-6202	Abstract Algebra	3(3+0)
MATH-6203	Topology	3(3+0)
MATH-6204	Vector and Tensor Analysis	3(3+0)
MATH-6205	Set Theory and ODEs	3(3+0)
URCI-5109	Introduction to Computers and its Applications	3(2+1)
	Total	**18(17+1)**
Semester-2		
MATH-6206	Real Analysis-II	3(3+0)
MATH-6207	Linear Algebra	3(3+0)
MATH-6208	Functional Analysis	3(3+0)
MATH-6209	Mechanics	3(3+0)
MATH-6210	Complex Analysis	3(3+0)
MATH-6211	Computer Programming with C++	3(2+1)
URCC-5110	Citizenship Education & Communication Engagement	
	(non-credit course)	
	Total	**18(17+1)**

Semester-3

Code	Course Title	C/Hr.
MATH-6212	Differential Geometry	3(3+0)
MATH-6213	Partial Differential Equations	3(3+0)
MATH-6214	Numerical Analysis-I	3(3+0)
MATH-62xx	Elective-I	3(3+0)
MATH-62xx	Elective-II	3(3+0)
	Total	**15(15+0)**

Semester-4

Code	Course Title	C/Hr.
MATH-6215	Probability Theory	3(3+0)
MATH-6216	Integral Equations	3(3+0)
MATH-6217	Numerical Analysis-II	3(3+0)
MATH-6218	History of Mathematics	2(2+0)
MATH-62xx	Elective-III	3(3+0)
MATH-62xx	Elective-IV	3(3+0)
	Total	**17(17+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. 162

Code	Course Title	C/Hr.
Semester-1		
MATH-7114	Computer aided Geometric design	3(3+0)
MATH-7154	Dynamics Inequalities on Time Scale	3(3+0)
MATH-7148	Advanced Numerical Analysis	3(3+0)
MATH-7108	Fixed Point Theory	3(3+0)
	Total	**12(12+0)**
Semester-2		
MATH-7117	Advanced Fluid Mechanics	3(3+0)
MATH-7125	Convex Analysis	3(3+0)
MATH-7121	Numerical Solutions of ODE	3(3+0)
MATH-7149	Generalized Special Functions	3(3+0)
	Total	**12(12+0)**
Semester-3 to 4		
	Thesis	6(0+6)
	Total	**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. 162

Code	Course Title	C/Hr.
Semester-1		
MATH-8119	Convex Analysis and Applications	3(3+0)
MATH-8124	Numerical Spline Technique-I	3(3+0)
MATH-8127	Special Functions and Statistical Distribution	3(3+0)
	Total	**9(9+0)**
Semester-2		
MATH-8125	Numerical Spline Techniques-II	3(3+0)
MATH-8121	Numerical Solutions of PDE	3(3+0)
MATH-8106	Applications of Inequalities	3(3+0)
	Total	**9(9+0)**
Semester-3 to 6		
	Thesis	

As a student of mathematics, the queen of sciences, I feel proud to facilitate sciences of all time in future. I really impressed by applications of mathematics in daily life and computer lab of the department explores further applications using mathematical tools. I rank Department of Mathematics, one of the most important and best in the University. Saima Riaz, BS-Mathematics

DEPARTMENT OF
PHYSICS

Dr Safdar Hussain
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FACULTY

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Assistant Professor

Dr. Bilal Rasul
Assistant Professor

Dr. Muhammad Zahid Ishaque
Assistant Professor

Dr. Safdar Nazir
Assistant Professor

Dr. Khalid Naseer
Assistant Professor

Dr. Muhammad Shoaib Shah
Assistant Professor

Asad Abbas Malik
Lecturer

Dr. Muhammad Zulfiqar
Lecturer

Dr. Muhammad Akram
Lecturer

Muhammad Qasim
Lecturer

Ayesha Islam
Lecturer

Akhtar Rasool
Lecturer

BS Physics

Eligibility: At least 45% mars 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. 163

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)
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(3+0)
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)

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		
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]

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

MSc Physics

Eligibility: At least 45% marks in BSc with one of the following combinations (with at least 45% marks in Physics):
i. Physics + Math A + Math B
ii. Physics + Math General + any other Science subject
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 163

Code	Course Title	C/Hr.
Semester-1		
PHYS-6211	Methods of Mathematical Physics-I	3(3+0)
PHYS-6212	Classical Mechanics-I	3(3+0)
PHYS-6213	Electrodynamics-I	3(3+0)
PHYS-6214	Electronics	3(3+0)
PHYS-6221	Modern Physics LAB	3(0+3)
	Total	**15(12+3)**
Semester-2		
PHYS-6216	Methods of Mathematical Physics-II	3(3+0)
PHYS-6217	Classical Mechanics-II	3(3+0)
PHYS-6218	Electrodynamics-II	3(3+0)
PHYS-6219	Quantum Mechanics-I	3(3+0)
PHYS-6220	Solid State Physics-I	3(3+0)
PHYS-6215	Electronics LAB	3(0+3)
	Total	**18(15+3)**
Semester-3		
PHYS-6222	Statistical Mechanics	3(3+0)
PHYS-6223	Atomic and Molecular Physics	3(3+0)
PHYS-6224	Plasma Physics	3(3+0)
PHYS-6225	Quantum Mechanic-II	3(3+0)
PHYS-6226	Solid State Physics-II	3(3+0)
PHYS-62xx	Optional Course-I[a]/Thesis[b]	3(3+0)
	Total	**18(18+0)**
Semester-4		
PHYS-6227	Computational Physics	3(3+0)
PHYS-6228	Laser Physics	3(3+0)
PHYS-6229	Relativity and Cosmology	3(3+0)
PHYS-6230	Nuclear & Elementary Particles Physics	3(3+0)
PHYS-62xx	Optional Courses-II[a]/Thesis[b]	3(3+0)
	Total	**15(15+0)**

Optional Courses [a]

PHYS-6231	Advanced Electronics	3(3+0)
PHYS-6232	Physical and Geometrical Optics	3(3+0)
PHYS-6233	Physics of Nanotechnologies	3(3+0)
PHYS-6234	Methods of Experimental Physics	3(3+0)
PHYS-6235	Advanced Electronics LAB[c]	3(0+3)
PHYS-6236	Introduction to Quantum Computing	3(3+0)
PHYS-6237	Particles Physics	3(3+0)

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

(b) A thesis of 06 Cr. Hrs can be opted if offered at the department.
(c) Advanced Electronics LAB can be opted only if Advanced Electronics is taken.

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. 163

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. 163

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.

In my opinion, SU is a very innovative place that has made me creative. Department of Physics provided me the platform on which I can think out of box and see the world with new experience. Moreover, I found the faculty and staff very cooperative. The multicultural environment of SU has enabled me to grow personally. It has not only broadened my horizon but has also given me lot of opportunities to polish my skills for my professional life.
Shazia, BS Physics

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FACULTY

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Assistant Professor

Waseem Athar Haqqani
Assistant Professor

Dr. Hafiz Zafar Nazir
Assistant Professor

Muhammad Zubair
Lecturer

Sadia Qamar
Lecturer

BS Statistics

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. 163

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-61xx	Project/Research Report	3(3+0)
	Total 16(15+1)	

MSc Statistics

Eligibility: At least 45% marks in Graduation or equivalent with Statistics of 200 marks
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 163

Code	Course Title	C/Hr.
Semester-1		
STAT-6201	Statistical Methods	3(3+0)
STAT-6202	Mathematical Methods for Statistics	3(3+0)
STAT-6203	Probability & Probability Distributions-I	3(3+0)
STAT-6204	Design and Analysis of Experiments-I	4(3+1)
STAT-6205	Sampling Techniques	4(3+1)
	Total 17(15+2)	
Semester-2		
STAT-6206	Probability & Probability Distributions-II	3(3+0)
STAT-6207	Design and Analysis of Experiments-II	4(3+1)
STAT-6208	Sampling and Survey Methods	4(3+1)
STAT-6209	Regression Analysis & Econometrics-I	3(3+0)
STAT-6210	Statistical Packages	4(3+1)
	Total 18(15+3)	
Semester-3		
STAT-6211	Regression Analysis & Econometrics-II	4(3+1)
STAT-6212	Statistical Inference-I	3(3+0)
Thesis or any three optional courses out of the following		
STAT-6213	(i) Quality Control & Quality Management	3(3+0)

STAT-6214	(ii) Management & Operations Research	3(3+0)
STAT-6215	(iii) Official Statistics	3(3+0)
STAT-6216	(iv) Actuarial Statistics-I	3(3+0)
STAT-6217	(v) Robust Methods	3(3+0)
	Total 16(15+1)	

Semester-4

STAT-6218	Statistical Inference-II	3(3+0)
STAT-6219	Non-Parametric Methods	3(3+0)
STAT-6220	Population Studies	4(3+1)
Thesis or any two optional courses out of the following		
STAT-6221	(i) Numerical Methods	3(3+0)
STAT-6222	(ii) Time Series Analysis & Forecasting	3(3+0)
STAT-6223	(iii) Multivariate Analysis	3(3+0)
STAT-6224	(iv) Bio Statistics	3(3+0)
STAT-6225	(v) Actuarial Statistics-II	3(3+0)
STAT-6226	(vi) Decision Theory	3(3+0)
STAT-6227	(vii) Bayesian Statistics	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. 163

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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Associate Professor

Dr. Sajida Batool
Assistant Professor

Dr. Aima Iram Batool
Lecturer

Dr. Shafaat Yar Khan
Lecturer

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. 163

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-5104	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)

Code	Course Title	C/Hr.
ZOOL-6117	Bioinformatics	3(1+2)
	Total 15(9+6)	

Semester-8

Code	Course Title	C/Hr.
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)	

MSc Zoology

Eligibility: At least 45% marks in Graduation (BSc with Zoology (at least 33% marks) or equivalent qualification.
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 163

Code	Course Title	C/Hr.
Semester-1		
ZOOL-6201	Fisheries	3(2+1)
ZOOL-6202	General Biochemistry	4(3+1)
ZOOL-6203	Cell & Molecular Biology	4(3+1)
ZOOL-6204	Biostatistics	3(3+0)
ZOOL-6205	Wildlife	3(3+0)
	Total 17(14+3)	

Semester-2		
ZOOL-6206	Environmental Biology	4(3+1)
ZOOL-6207	Animal Physiology	4(3+1)
ZOOL-6208	Developmental Biology	4(3+1)
ZOOL-6209	Biological Techniques	3(2+1)
ZOOL-6210	Animal Behavior	3(3+0)
	Total 18(14+4)	

Semester-3

Code	Course Title	C/Hr.
ZOOL-6211	Synopsis and Research Methodology	2(2+0)
ZOOL-6212	Principles and Kinetics of Toxicology	4(3+1)
ZOOL-6213	Evolution and Principles of Systematics	4(3+1)
ZOOL-6214	Bioinformatics	3(2+1)
ZOOL-62xx	*Optional Paper-I/Thesis	4(3+1) / (0+4)
	Total 17(13+4)	

Semester-4

Code	Course Title	C/Hr.
ZOOL-6215	Seminar	1(1+0)
ZOOL-6216	Genetics	4(3+1)
ZOOL-6217	Zoogeography & Paleontology	3(2+1)
ZOOL-6218	Biotechnology	4(3+1)
ZOOL-62xx	*Optional paper-II/Thesis	4(3+1) / (0+4)
	Total 16(12+4)	

MPhil Zoology

Eligibility: MSc/BS Zoology (16-years of education) with at least second division or CGPA 2.00 out of 4.00 + Departmental Test (at least 50% marks)
Duration: 2-4 Years
Semesters: 4-8
Degree Requirements: 24 C/Hr. Course Work + 6 C/Hr. Thesis
Fee Structure: See "Fee Structure" page No. 163

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 the relevant subject 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. 163

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
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Associate Professor

Dr. Ahmad Raza Cheema
Assistant Professor

Dr. Mehmood-ul-Hassan
Assistant Professor

Muhammad Waqas
Assistant Professor

Dr. Jabbar Ul Haq
Assistant Professor

Rajinder Parkash
Assistant Professor

Dr. Adeel Saleem
Assistant Professor

Falak Sher
Lecturer

Muhammad Nauman Malik
Lecturer (on leave)

Muhammad Nawaz
Lecturer (on leave)

Zahid Ullah Khan
Lecturer (on leave)

Saif Ullah
Lecturer

BS Economics

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. 163

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)
URCI-5109	Introduction to Mathematics	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)
MATH-6161	Calculus - I	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)

Code	Course Title	C/Hr.
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)**

MSc Economics

Eligibility: At least 45% marks in Graduation or equivalent + Economics (Compulsory as elective subject carrying 200 marks)
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 163

Code	Course Title	C/Hr.
Semester-1		
ECON-6201	Micro Economics I	3(3+0)
ECON-6202	Macro Economics I	3(3+0)
ECON-6203	Mathematical Economics I	3(3+0)
ECON-6204	Islamic Economics	3(3+0)
ECON-6205	Public Sector Economics	3(3+0)
	Total	**15(15+0)**
Semester-2		
ECON-6206	Micro Economics II	3(3+0)
ECON-6207	Macro Economics II	3(3+0)
ECON-6208	Statistics for Economists	3(3+0)
ECON-6209	Managerial Economics	3(3+0)
ECON-6210	Development Economics, Theory and Policy	3(3+0)
ECON-6211	Political Economy and Global Order	3(3+0)
URCC-5110	Citizenship Education & Community Engagement	
	Total	**18(18+0)**

* It is a non credit compulsory course.

Semester-3

Code	Course Title	C/Hr.
ECON-6212	Econometrics I	3(3+0)
ECON-6213	Mathematical Economics II	3(3+0)
ECON-6214	Financial Management for Business Firm	3(3+0)
ECON-6215	Agriculture Economics	3(3+0)
ECON-6216	Monetary Theory and Policy	3(3+0)
	Total	**15(15+0)**

Semester-4

Code	Course Title	C/Hr.
ECON-6217	Econometrics II	3(3+0)
ECON-6218	Research Methodology	3(3+0)
ECON-6219	Human Resource Development and Management	3(3+0)
ECON-6220	International Trade Theory & Finance	3(3+0)
ECON-6221	Investment and Project Appraisal	3(3+0)
ECON-6222	Economic Principles, Strategies & Techniques of Marketing	3(3+0)
	Total	**18(18+0)**

Thesis (6 credit hours) in place of ECON-6221 and ECON-6222.

However, this option will be available to only 5 top students.

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. 163

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. 163

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 Muhammad Uzair ul Hassan
Associate Professor / Chairperson

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FACULTY

Dr. Muhammad Sarwar Professor	**Dr. Zunaira Fatima** Lecturer
Dr. Riffat-un-Nisa Associate Professor	**Dr. Iram Parveen** Lecturer
Muhammad Javed Ishaq Associate Professor	**Tariq Saleem Ghayyur** Lecturer
Dr Muhammad Nadeem Anwar Assistant Professor	**Sahibzada Shamim-ur-Rasool** Lecturer
Dr. Uzma Shahzadi Assistant Professor	**Maimoona Naeem** Lecturer
Dr. Ashfaque Ahmad Shah Assistant Professor	**Ghulam Zainab** Lecturer
Dr. Nargis Abbas Assistant Professor	**Misbah Iqbal** Lecturer
Dr. Mushtaq Ahmad Assistant Professor	**Razia Yasmin** Lecturer
Dr. Shaista Khalid Assistant Professor	**Dr. Asma Khizar** Lecturer
Ghazanfar Ali 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. 164

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)

Code	Course Title	C/Hr.
EDUC-5111	Chemistry	3(3+0)
	Total 17(17+0)	
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)	

Column 1

Semester-6

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

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

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. 164

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)

Column 2

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)
	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 17(13+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)

Column 3

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)	

MA Education

Eligibility: At least 45% marks in graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 164

Code	Course Title	C/Hr.
Semester-1		
EDUC-6301	Introduction to Education	3(3+0)
EDUC-6302	Communication Skills in English	3(3+0)
EDUC-6303	Educational Psychology	3(3+0)
EDUC-6304	Computer Applications in Education	3(3+0)
EDUC-6305	Education in Pakistan	3(3+0)
EDUC-6306	Sociology of Education	3(3+0)
	Total 18(18+0)	

Semester-2

EDUC-6307	Educational Assessment and Evaluation	3(3+0)
EDUC-6308	Teaching Strategies and Educational Technology	4(3+1)
EDUC-6309	Research Methods in Education	3(3+0)
EDUC-6310	Teaching of English Language	4(4+0)
	Total 14(13+1)	

Semester-3

EDUC-6311	Curriculum Development	3(3+0)
EDUC-6312	Educational Planning and Management	3(3+0)
EDUC-63xx	Elective Course II (to be opted)	4(4+0)
EDUC-63xx	Area Course I (to be opted)	3(3+0)
EDUC-6313	Thesis (Optional)	6(0+6)
(Students who will not opt thesis will have to take following two courses)		
EDUC-6314	Institutional Improvement	3(3+0)
EDUC-6315	Seminars on Trends and Issues in Education	3(3+0)
	Total 19(13+6)	

Semester-4

EDUC-6316	Child Development and Learning	3(3+0)
EDUC-6317	Comparative Education	3(3+0)
EDUC-63xx	Area Course II (to be opted)	3(3+0)
EDUC-6318	Teaching Practice	8(0+8)
	Total 17(9-8)	

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. 164

Code	Course Title	C/Hr.
Semester-1		
EDUC-6401	General Methods of Teaching	3(3+0)
EDUC-6402	Educational Assessment and Evaluation	3(3+0)
EDUC-6403	Curriculum Development	3(3+0)
EDUC-6404	Research Methods in Education	3(3+0)
EDUC-6405	Educational Leadership and Management	3(3+0)
EDUC-6406	Educational Psychology	3(3+0)
	Total 18(18+0)	

Semester-2

EDUC-6407	Philosophy of Education	3(3+0)
EDUC-6408	Critical Thinking and Reflective Practices	3(3+0)
EDUC-64xx	Teaching Specialization	3(3+0)
EDUC-64xx	Area of Specialization (Course-I)	3(3+0)
EDUC-64xx	Area of Specialization (Course-II)	3(3+0)
EDUC-64xx	Area of Specialization (Course-III)	3(3+0)
	Total 18(18+0)	

Semester-3

EDUC-6409	Human Development and Learning	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. 164

Code	Course Title	C/Hr.
Semester-1		
EDUC-6601	Philosophy of Language Teaching	3(3+0)
EDUC-6602	Curriculum Developing in ELT	3(3+0)
EDUC-6603	Assessment in ELT	3(3+0)
EDUC-6604	Educational Leadership	3(3+0)
EDUC-6605	Research Methods in ELT	3(3+0)
EDUC-6606	Educational Psychology	3(3+0)
	Total 18(18+0)	

Semester-2

EDUC-6607	Teaching of Oral Skills	3(3+0)
EDUC-6608	Teaching of English Pronunciation	3(3+0)
EDUC-6609	Professionalism in Teacher Education in Pakistan	3(3+0)
EDUC-6610	Computer Assisted Language Learning (CALL)	3(3+0)
EDUC-6611	Academic Writing Skills	3(3+0)
EDUC-6612	Language Teaching Methods and Approaches	3(3-0)
	Total 18(18+0)	

Semester-3

EDUC-6613	Trends and issues in English Language Teaching	3(3+0)
EDUC-6614	Classroom Management and Micro-Teaching	3(3+0)
EDUC-6615	Teaching Practice for ELT	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. 164

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. 164

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

Code	Course Title	C/Hr.
A) Educational Assessment and Evaluation		
EDUC7106	Assessment and Evaluation	4(4+0)
EDUC7107	Test Theories and Design	4(4+0)
EDUC7108	Test Construction and Standardization	4(4+0)
EDUC7109	Seminars on Issues and Trends in Assessment	4(4+0)
	Total 12(12+0)	
B) Educational Planning and Management		
EDUC7110	Instructional Leadership and Supervision	4(4+0)
EDUC7111	Educational Planning and Management	4(4+0)
EDUC7112	Organizational Theory and Behavior in Education	4(4+0)
EDUC-7113	Human Resource Management in Education	4(4+0)
	Total 12(12+0)	
C) Economics of Education		
EDUC7114	Economics of Education	4(4+0)
EDUC7115	Planning and Financing of Education	4(4+0)
EDUC7116	Education and Economic Growth	4(4+0)
EDUC7117	Economic Return of Education	4(4+0)
	Total 12(12+0)	
Semester-III & IV		
EDUC-7118	MPhil Thesis (in the area of specialization	6(0+6)
	(for those having minimum CGPA of 2.50 out of 4.00)	

PhD Education

Eligibility: MPhil/MS Education or equivalent in the relevant field from HEC recognized institution with at least CGPA 3.00 out of 4.00 + 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. 164

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	3(3+0)
	Evaluation Procedure	
	Total 9(9+0)	
Semester-3 & onward		
EDUC-8110	Doctoral Dissertation	

My experience at the department is amazing. Our teachers always use relevant strategies, methods and approaches for making classroom teaching interesting for us. Indulging students in specific inquiry and analysis of latest educational issues is the hallmark of the Faculty that keep students actively engaged in action researches. In addition to this, our department provides multiple opportunities to students to listen to foreign professors. By joining seminars and conferences, we get exposure of listening to creative talks of foreign and national professors that make us recognize our worth and potentialities and polishes our abilities in true sense. We are proud to be associated to this department.
Muhammad Usman, BS Education

DEPARTMENT OF
HISTORY AND PAKISTAN STUDIES

Dr. Muhammad Abrar Zahoor
Assistant Professor / Incharge

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FACULTY

Mehr Allah Yar
Assistant Professor

Dr. Ahmad Hassan
Assistant Professor

Ghulam Qadir Dogar
Assistant Professor

Muhammad Pervaiz
Lecturer

Dr. Zafar Mohyuddin
Lecturer

Aqal Wazir
Lecturer

Saima Parveen
Lecturer (on leave)

BS History

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. 164

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)

MA History

Eligibility: At least 45% marks in graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 164

Code	Course Title	C/Hr.
Semester-1		
HIST-6201	Muslim History I (Pre-Prophet [PBUH] world to the Pious Caliphate)	3(3+0)
HIST-6202	Research Methodology	3(3+0)
HIST-6203	History of Europe I (1453-1789)	3(3+0)
HIST-6204	Historiography & Philosophy of History	3(3+0)

HIST-6205	Ancient Indian History	3(3+0)
URCE- 5101	Grammar	3(3+0)
	Total	**18(18+0)**

Semester-2

HIST-6206	Muslim History II (Ummayyads & Abasids)	3(3+0)
HIST-6207	Muslim Rule in Spain (755-1492)	3(3+0)
HIST-6208	History of Europe II (1789-1945)	3(3+0)
HIST-6209	Muslim Rule in India (712-1526)	3(3+0)
HIST-6210	History of Civilization	3(3+0)
URCI-5109	Intro. to Information and Communication Tech.	3(3+0)
	Total	**18(18+0)**

Semester-3

HIST-6211	History of the Ottoman Empire	3(3+0)
HIST-6212	History of the Great Moghals (1526-1707)	3(3+0)
HIST-6213	History of Muslim Culture & Civilization	3(3+0)
INTR-5101	Introduction to International Relations	3(3+0)
HIST-6214	History of the Later Moghals and British India (1707-1857)	3(3+0)
PERS-6101	Persian	2(2+0)
	Total	**17(17+0)**

Semester-4

HIST-6215	History of Freedom Movement (1857-1947)	3(3+0)
HIST-6216	Governance and Politics in Pakistan	3(3+0)
HIST-6217	Foreign Policy of Pakistan	3(3+0)
HIST-6218	History of the Punjab	3(3+0)
HIST-6219	Thesis (in lieu of two optional courses)	6(0+6) / 6(6+0)
	Total	**18(12+6) / 18(18+0)**

List of Optional Courses

HIST-6220	Local Self-government in Pakistan	3(3+0)
HIST-6221	Role of Military in Pakistan	3(3+0)
HIST-6222	Pakistani Society and Culture	3(3+0)
HIST-6223	Women Empowerment in Pakistan	3(3+0)
HIST-6224	Muslim Contribution to Arts, Science and Architecture	3(3+0)

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

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. 164

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)

MA Pakistan Studies

Eligibility: At least 45% marks in graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 164

Code	Course Title	C/Hr.
Semester-1		
PKST-6101	Muslim Nationalism in South Asia (1857-1906)	3(3+0)
PKST-6102	Research Methodology	3(3+0)
PKST-6103	Constitutional and Political Development in Pakistan (1947-1971)	3(3+0)
GEOG-5101	Introduction to Geography	3(3+0)
PKST-6105	Pakistan Society and Culture	3(3+0)
PKST-6106	Foreign Policy of Pakistan (1947-1971)	3(3+0)
URCE-5101	Grammar	3(2+0)
	Total 21(21+0)	
Semester-2		
PKST-6108	Muslim Nationalism in South Asia (1906-1947)	3(3+0)
PKST-6109	Pakistani Languages and Literature	3(3+0)
PKST-6110	Constitutional and Political Development in Pakistan (1972-2013)	3(3+0)
PKST-6111	Pakistan's Economy - A Historical Survey	3(3+0)
PKST-6112	Muslim Culture and Civilization	3(3+0)
PKST-6113	Foreign Policy of Pakistan 1972-2013	3(3+0)
URCI-5109	Intro. to Information and Communication Tech.	3(3+0)
	Total 21(21+0)	
Semester-3		
PKST-6115	Ancient Civilizations: Indus Valley & Ghandhara	3(3+0)
PKST-6116	Local Self Government in Pakistan	3(3+0)
PKST-6117	Political Parties in Pakistan	3(3+0)
PKST-6118	Human Rights in Pakistan	3(3+0)
PKST-6119	Women Empowerment in Pakistan	3(3+0)
	Total 15(15+0)	

Code	Course Title	C/Hr.
Semester-4		
PKST-6121	Pakistan and Current Affairs	3(3+0)
PKST-6122	Role of Civil & Military Bureaucracy in Politics of Pakistan	3(3+0)
PKST-6123	Pakistan's Role in SAARC	3(3+0)
PKST-6124	Political System, Government and Regimes in Pakistan	3(3+0)
PKST-6125	Contemporary Issues in Pakistan	3(3+0)
	Total 15(15+0)	

Dr Sughra Sadaf, Dr Saeed Bhutta, Neelam Ahmed Bashir addressing the session of Sargodha Literary Festival on March 12, 2020 at Lincoln Corner

NOON BUSINESS SCHOOL

Dr Ghulam Ali Bhatti
Professor / Director

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FACULTY

Dr. Naveed Mushtaq Assistant Professor	**Aasir Ali** Lecturer
Dr. Hammad Hassan Mirza Assistant Professor	**Zubair Tariq** Lecturer
Dr. Haroon Hussain Assistant Professor	**Fahad Najeeb** Lecturer
K. Zaman Khan Assistant Professor	**Sadia Shoukat** Lecturer
Madiha Riaz Assistant Professor	**Nimra Zia** Lecturer
Dr. Ghulam Sarwar Assistant Professor	**Saqib Nawaz** Lecturer
Kashif Ammar Lecturer	**Haroon Rashieed** Lecturer
Faheem Athar Haqqani Lecturer	**Babar Hameed** Lecturer
Shahid Mahmood Lecturer	**Sundus Shahnawaz** Lecturer
Yasmeen Akhtar Lecturer	**Shahzad Hassan** Lecturer
Shumaila Mazhar Lecturer	**Muhammad Hamid** Lecturer
Mehwish Rafique Lecturer	**Muzhair Rahim** Lecturer
Zahid Ali Akbar Lecturer	**Salman Hussain** Lecturer
Moin Qadir Lecturer	**Ahsan Javaid** Lecturer
Khurram Amin Lecturer	**Sarah Azhar** Assistant Professor (on leave)
Shahid Rasheed Lecturer	**Asad Abbas** Lecturer (on leave)
Waqar Ahmed Lecturer	

BBA

Eligibility: At least 45% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 135 credit hours+intreship viva voce
Fee Structure: See "Fee Structure" page No. 164

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)
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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. 164

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

Code	Course Title	C/Hr.
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)

Code	Course Title	C/Hr.
BUSB-6117	Business Inferential Analysis	3(3+0)
BUSB-6158	Human Resource Management	3(3+0)
	Total	**6(6-0)**

Semester-4

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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)**

MBA

Eligibility: At least 45% marks in BBA (4-year) / B.Com (4-year) / MCom 2-year / MBA 2-year
Degree Requirements: 33 credit hours + Internship viva voce
Note: Duration of MBA shall be 1.5 years for candidates having relevant qualification.
Fee Structure: See "Fee Structure" page No. 164

Code	Course Title	C/Hr.
Semester-1		
BUSB-7102	Advanced Organizational Behavior	3(3+0)
BUSB-7103	Advanced Research Methods	3(3+0)
BUSB-71xx	Specialization - I	3(3+0)
BUSB-71xx	Specialization - II	3(3+0)
	Total	**12(12+0)**

Semester-2

Code	Course Title	C/Hr.
BUSB-7104	Project Management	3 (3+0)
BUSB-7105	Supply Chain Management	3 (3+0)
BUSB-71xx	Specialization - III	3 (3+0)
BUSB-71xx	Specialization - IV	3 (3+0)
	Total	**12(12+0)**

Semester-3

Code	Course Title	C/Hr.
BUSB-7106	Strategic HR Leadership	3 (3+0)
BUSB-7107	Seminar in Business Management	3 (3+0)
BUSB-7108	Internship report and Viva Voce (10-12 week)	3 (0+3)
	Total	**9(6+3)**

Noon Business School has always felt like a home to me. The faculty at NBS is very cooperative and always available to answer students' queries. The environment here is amazing one can express oneself and explore one's hidden potential and real life passion. NBS has the ritual of having business ideas competitions where students learn the art of pitching idea and nurture their business management skills. I can say that for a fact that when I will complete my degree from here I would be a better person because of all the opportunities provided to me by NBS.
Hassaan Mateen, MBA 3.5

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. 164

Code	Course Title	C/Hr.
Semester-1		
BUSB-7201	Advanced Statistics and Econometrics	3 (3+0)
BUSB-7202	Management Theory and Practice	3 (3+0)
BUSB-72xx	Elective - I	3 (3+0)
BUSB-72xx	Elective-I I	3 (3+0)
	Total 12(12+0)	
Semester-2		
BUSB-7203	Advanced Research Methods and Designs	3 (3+0)
BUSB-7204	Applied Data Analysis	3 (3+0)
BUSB-72xx	Elective-III	3 (3+0)
BUSB-72xx	Elective-IV	3 (3+0)
	Total 12(12+0)	
Semester-3		
BUSB-72xx	Elective -V	3(3+0)
	Total 3(3+0)	
Semester-4		
BUSB-72xx	Research Thesis	6(0+6)
	Total 6(0+6)	

B.Com

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. 164

Code	Course Title	C/Hr.
Semester-1		
URCI 5105	Islamic Studies	3(3+0)
URCE 5101	Grammar	3(3+0)
BUSC 5101	Introduction to Business	3(3+0)
BUSC 5102	Principals of Accounting	3(3+0)
ECON 5113	Micro Economics	3(3+0)
URCM 5101	Introduction to Mathematics	3(3+0)
	Total 18(18+0)	
Semester-2		
UECP 5106	Pakistan Studies	3(3+0)
URCE 5102	Language comprehension & presentation skills	3(3-0)
URCI-5109	Introduction to Info. & Communication Tech.	3(3+0)
BUSC 5103	Financial Accounting	3(3+0)
ECON 5114	Macro Economics	3(3+0)
STAT 5127	Business Statistics	3(3+0)
URCC 5110	Citizenship Edu. & Community Engagement	0(0+0)
	Total 18(18+0)	
Semester-3		
BUSC 5105	Business Law	3(3+0)
BUSC 5106	Business Taxation	3(3+0)
URCE 5103	English III Academic Writing	3(3+0)
BUSC 5107	Advanced Accounting-I	3(3+0)
ECON 5117	Economic issues of Pakistan	3(3+0)
	Total 15(15+0)	
Semester-4		
BUSC 5108	Auditing	3(3+0)
BUSC 5109	Business Psychology	3(3+0)
BUSC 5110	Cost Accounting	3(3+0)
BUSC 5111	Advanced Accounting-II	3(3+0)
STAT 5128	Statistical Inference	3(3+0)
	Total 15(15+0)	
Semester-5		
BUSC 6113	Research Methods in Business	3(3+0)
BUSC 6114	Managerial Economics	3(3+0)
BUSC 6115	Financial Management	3(3+0)
BUSC 6116	Principals of Marketing	3(3+0)
BUSC 6117	Principals of Management	3(3+0)
SOCI 5101	General Sociology 1	3(3+0)
	Total 18(18+0)	
Semester-6		
BUSC 6118	Logical and Critical Thinking	3(3+0)
BUSC 6119	Human Resource Management	3(3+0)
BUSC 6120	Managerial Accounting	3(3+0)
BUSC 6121	Entrepreneurship	3(3+0)
BUSC 6122	Business Communication	3(3+0)
	Total 15(15+0)	
Semester-7		
BUSC 6123	E-Commerce	3(3+0)
BUSC 6124	Business Ethics and CSR	3(3-0)
BUSC 6125	Operations Management	3(3+0)
BUSC 6126	Organization Behavior	3(3+0)
BUSC 61xx	Specialization-I	3(3+0)
BUSC 61xx	Specialization-II	3(3+0)
	Total 18(18+0)	
Semester-8		
BUSC 6127	Corporate Governance	3(3+0)
BUSC 6128	Strategic Management	3(3+0)
BUSC 61XX	Specialization-III	3(3+0)
BUSC 61XX	Specialization-IV	3(3+0)
BUSC 6129	Research Project & viva voce	3(3+0)
	Total 15(15+0)	

M.Com

Eligibility: At least 45% marks in BCom or ADP (Commerce)
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 164

Code	Course Title	C/Hr.
Semester-1		
BUSC-6201	Accounting for Decision Making	3(3+0)
BUSC-6202	Principles of Marketing	3(3+0)
STAT-6232	Quantitative Technical and Statistical Inference	3(3+0)
BUSC-6204	Business Management	3(3+0)
BUSC-6205	Business Communication & Report Writing	3(3+0)
BUSC-6206	Business Software & Database Management	3(3+0)
	Total 18(18+0)	
Semester-2		
BUSC-6207	Research Methods for Business	3(3+0)
BUSC-6208	Financial Management	3(3+0)
BUSC-6209	Human Resource Management	3(3+0)
BUSC-6210	Company Law & Secretarial Practice	3(3+0)
BUSC-6211	Managerial Economics	3(3+0)
BUSC-6212	Financial Statement Analysis	3(3+0)
	Total 18(18+0)	
Semester-3		
BUSC-6213	Production & Operations Management	3(3+0)
BUSC-6214	Managerial Accounting-I	3(3+0)
BUSC-6215	Entrepreneurship	3(3+0)
BUSC-62xx	Specialization-I	3(3+0)
BUSC-62xx	Specialization-II	3(3+0)
	Total 15(15+0)	
Semester-4		
BUSC-6216	Total Quality Management	3(3+0)
BUSC-6217	International Business	3(3+0)
BUSC-6218	Managerial Accounting-II	3(3+0)
BUSC-62xx	Specialization-III	3(3+0)
BUSC-62xx	Specialization-IV	3(3+0)
	Total 15(15+0)	

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Assistant Professor

Dr. Muhammad Azam
Assistant Professor

Maher Muhammad Hayat
Assistant Professor

Farzad Ahmed Cheema
Assistant Professor

Syed Imran Abbas
Assistant Professor

Dr. Ashfaq Ahmed
Assistant Professor

Hafiz Muhammad Umer
Lecturer

Misbah Shaheen
Lecturer

Furqan Khalid
Lecturer

Aamir Bashir
Lecturer

Amir Nadeem
Lecturer

BS Political Science

Eligibility: At least 50% marks in Intermediate or equivalent
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 165

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)

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
Duration: 4 Years
Semesters: 8
Degree Requirements: 124-140 Credit Hours
Fee Structure: See "Fee Structure" page No. 165

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	
	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-621	Government & Politics of Pakistan	3(3+0)
INTR-6132	Research Report	3(3+0)
	Total 15(15+0)	

My experience at the department has been excellent because here the unique marriage between excellence and discipline is well managed. Approaching the end of the degree is equivalent to waking up from a sweet dream. Ranging from greenish topography to multifaceted modern equipment facilities, Sargodha University has greatly contributed to my quest for knowledge. To my experience, in a nutshell, Sargodha University and, particularly, my department have proven to be like a Prickly Tuna, hard and thorny form the outside and soft from inside. This unique blend of SU inculcated excellence in me without compromising my moral core. Hence, the fast-approaching end of the degree is indeed a qualified metaphor of awakening from pre-dawn sweet dreams!
Rida Zaneb, BS

DEPARTMENT OF
PSYCHOLOGY

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Assistant Professor

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Assistant Professor (on leave)

Dr. Saba Ghayas
Assistant Professor

Dr. Mohsin Atta
Assistant Professor

Dr. Naveed Riaz
Assistant Professor

Dr. Sumaya Batool
Lecturer

Dr. Aneeza Bashir
Lecturer

Sadia Niazi
Lecturer

Irsa Fatima Makhdoom
Lecturer

Anam Yousaf
Lecturer

Anam Khan
Lecturer

Anila Afzal
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. 165

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-5132	Introduction to Human Rights	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)

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

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)	

MSc Psychology

Eligibility: At least 45% marks in Graduation or equivalent (equivalence certificate is must) with Psychology as an elective subject in BA/BSc.
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 165

Code	Course Title	C/Hr.
Semester-1		
PSYC-6201	Report Writing & Presentation Skills	3(3+0)
PSYC-6202	History and Systems in Psychology	3(3+0)
PSYC-6203	Sports Psychology	3(3+0)
PSYC-6204	Computer Applications in Psychology	3(3+0)
PSYC-6205	Fundamental Statistics in Psychology	3(3+0)
PSYC-6206	Introduction to Research Methodology	3(3+0)
	Total 18(18+0)	
Semester-2		
PSYC-6207	Advance Research Methodology	3(3+0)
PSYC-6208	Principles of Psychological Measurement	3(3+0)
PSYC-6209	Historical Perspective in Abnormal Psychology	3(3+0)
PSYC-6210	Social Psychology	3(3+0)
PSYC-6211	Application of Statistics in Psychology	3(3+0)
PSYC-6212	Health Psychology	3(3+0)
	Total 18(18+0)	

Semester-3

PSYC-6213	Clinical Psychology	3(3+0)
PSYC-6214	Applications of Psychological Measurement	3(3+0)
PSYC-6215	Cognitive & Experimental Psychology	3(3+0)
PSYC-6216	Psychopathology	3(3+0)
PSYC-6217	Neurological Bases of Behavior	3(3+0)
PSYC-6218	Gender Issues in Psychology OR	3(3+0)
PSYC-6219(a)	Thesis (Research Proposal, including proposed methodology, literature, review expected results, discussion & implications)	3(3+0)
	Total 18	

Semester-4

PSYC-6220	Counseling Psychology	3(3+0)
PSYC-6221	Developmental Psychology	3(3+0)
PSYC-6222	Neurological Dysfunctions	3(3+0)
PSYC-6223	Organizational Behavior	3(3+0)
PSYC-6224	Personality Psychology OR	3(3+0)
PSYC-6219(b)	Thesis (final draft submission & oral defense)	3(3+0)
PSYC-62xx	One Elective Course	
	Total 18(18+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 + interview.
Duration: 1 Years
Semesters: 2
Degree Requirements: As per University Rules
Fee Structure: See "Fee Structure" page No. 165

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. 165

Code	Course Title	C/Hr.
Semester-1		
PSYC-7101	Advanced Statistics & Computers (SPSS)	3(3+0)
PSYC-7102	Qualitative and Quantitative Research Methods	3(3+0)
PSYC-7103	Psychological Assessment	3(3+0)
PSYC-7104	Contemporary Issues, Theory & Studies in Psychology	3(3+0)
	Total 12(12+0)	

* In second semester students have to opt any one of the specializations from the following options.

Semester-2

Area of Specialization I: Clinical Psychology

(Note: Course 1, 2 & 5 are compulsory, opt any one course from other options to complete 12 Cr. Hrs.

PSYC-7105	Advance Clinical Psychology and Psychopathology	3(3+0)
PSYC-7106	Clinical Psycho diagnosis & Assessment	3(3+0)
PSYC-7107	Developmental Psychopathology	3(3+0)
PSYC-7108	Psychology of Individual Differences	3(3+0)
PSYC-7109	Clinical Psychotherapies: Theory & Practice	3(3+0)
PSYC-7110	Neurological Bases of Behavior	3(3+0)
	Total 12(12+0)	

Area of Specialization II: Social Psychology

(Note: Course 1, 2 & 5 are compulsory, opt any one course from other options to complete 12 Cr. Hrs.

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	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. 165

Code	Course Title	C/Hr.
Semester-1		
PSYC-7201	Advanced Research Methods	3(3+0)
PSYC-7202	Advanced Statistics	3(3+0)
PSYC-7203	Introduction to Organizational Behavior	3(3+0)
PSYC-7204	Organizational Design and Culture	3(3+0)
	Total 12(12+0)	
Semester-2		
PSYC-7205	Effective Leadership & Strategic Decision Making	3(3+0)
PSYC-7206	Psychology of Advertising & Marketing Research	3(3+0)
PSYC-7207	Consumer Behavior	3(3+0)
	Total 9(9+0)	
Semester-3		
PSYC-7208	Human Resource Management	3(3+0)
PSYC-7209	Psychology of Work Environment & Work Motivation	3(3+0)
PSYC-7210	Internship and Research Proposal	3(3+0)
	Total 9(9+0)	
Semester-4		
PSYC-7211	Thesis	6(0+6)

PhD Psychology

Eligibility: MPhil /MS Psychology or Applied Psychology or any other relevant discipline from HEC recognized institutions with at least CGPA 3.00 out of 4.00 + 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. 165

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	6(0+6)

DEPARTMENT OF
SOCIAL WORK

Dr. Beenish Ijaz Butt
Assistant Professor / Incharge

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FACULTY

Dr. Muhammad Iqbal Basit
Associate Professor

Dr. Sadia Rafi
Assistant Professor

Dr. Mumtaz Ali
Assistant Professor

Dr. Aaqib Shahzad Alvi
Lecturer

Dr. Maliha Gull Tarar
Lecturer

Dr. Uzma Ashiq
Lecturer

Rana Imran Ahmed
Lecturer

Asiya Anwar
Lecturer (on leave)

Tauqir Amir
Lecturer

Zeeshan Munawar
Lecturer

Yasir Javid
Lecturer

BS Social Work

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. 165

Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3+0)
URCP-5106	Pakistan Studies	2(2+0)
SOWK-5101	Pakistani Society, its Needs and Problems	3(3+0)
SOWK-5102	Social Psychology	3(3+0)
SOWK-5103	Foundation of Education	3(3+0)
	Total 14(14+0)	
Semester-2		
URCE-5102	Language Comprehension & Presentation Skills	3(3+0)
URCI-5105	Islamic Studies	2(2+0)
SOWK-5104	Social Work theory and Practice-I	3(3+0)
SOWK-5105	Everyday Science	3(3+0)
SOWK-5106	Logic and Reasoning	3(3+0)
	Total 14(14+0)	
Semester-3		
URCE-5103	Academic Writing	3(3+0)
ICTC-5201	Computer Studies	3(3+0)
SOWK-5107	Social Work Theory and Practice-II	3(3+0)
SOWK-5108	Introduction to Management	3(3+0)
SOWK-5109	Introduction to Human Rights	3(3+0)
	Total 15(15+0)	
Semester-4		
URCE-5104	Introduction to English Literature	3(3+0)
SOWK-5110	Developmental Economics	3(3+0)
SOWK-5111	Social Work Theory & Practice-III	3(3+0)
SOWK-5112	Introduction to Statistics	3(3+0)
SOWK-5113	International Relations	3(3+0)
	Total 15(15+0)	
Semester-5		
SOWK-6114	History and Philosophy of Social Work	3(3+0)
SOWK-6115	Social Casework	3(3+0)
SOWK-6116	General Sociology	3(3+0)
SOWK-6117	Social Problems	3(3+0)
SOWK-6118	Human Growth and Behavior	3(3+0)
	Total 15(15+0)	
Semester-6		
SOWK-6119	Community Organization & Development	3(3+0)
SOWK-6120	Social Policy	3(3+0)
SOWK-6121	Social Research-I	3(3+0)
SOWK-6122	Social Group Work	3(3+0)
SOWK-6123	Field Work in Casework and Community Development (UCD & RCD Project) Settings	6(0+6)
	Total 18(12+6)	
Semester-7		
SOWK-6124	Social Welfare Administration	3(3+0)
SOWK-6125	Social Research-II	3(3+0)
SOWK-6126	Field Work in Casework and Community Development (UCD & RCD Project) Settings	6(0+6)
SOWK-6127	Demography	3(3+0)
SOWK-xxx	Optional Course-I	3(3+0)
	Total 18(12+6)	

Semester-8

Code	Course Title	C/Hr.
SOWK-6128	Social Legislation	3(3+0)
SOWK-6129	Human Resource Development & Management	3(3+0)
SOWK-6130	Research Thesis	6(0+6)
SOWK-6131	NGO Management	3(3+0)
SOWK-xxxx	Optional Course-II	3(3+0)
	Total 18(12+6)	

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

MA Social Work

Eligibility: At least 45% marks in graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 165

Code	Course Title	C/Hr.
Semester-1		
SOWK-6201	History and Philosophy of Social Work	3(3+0)
SOWK-6202	Social Casework	3(3+0)
SOWK-6203	General Sociology	3(3+0)
SOWK-6204	Social Problems	3(3+0)
SOWK-6205	Human Growth and Behavior	3(3+0)
SOWK-6206	Communication Skills	3(3+0)
	Total 18(18+0)	
Semester-2		
SOWK-6207	Community Organization & Development	3(3+0)
SOWK-6208	Social Policy	3(3+0)
SOWK-6209	Social Research-I	3(3+0)
SOWK-6210	Field Work in Casework and Community Development (UCD & RCD Project) Settings	6(0+6)
SOWK-6211	Computer Applications	3(3+0)
	Total 18(12+6)	
Semester-3		
SOWK-6212	Social Statistics	3(3+0)
SOWK-6213	Social Welfare Administration	3(3+0)
SOWK-6214	Social Research-II	3(3+0)

Code	Course Title	C/Hr.
SOWK-6215	Field Work in Casework and Community Development (UCD & RCD Project) Settings	6(0+6)
SOWK-xxxx	Optional Course-I	3(3+0)
	Total 18(12+6)	
Semester-4		
SOWK-6216	Social Legislation	3(3+0)
SOWK-6217	Human Resource Development & Management	3(3+0)
SOWK-6218	Research Thesis	6(0+6)
SOWK-6219	NGO Management	3(3+0)
SOWK-6220	Modern Techniques of Social Group Work	3(3+0)
SOWK-xxx	Optional Course-II	3(3+0)
	Total 18(12+6)	

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. 165

Code	Course Title	C/Hr.
Major Courses		
SOWK-7101	Philosophy of Social Science	3(3+0)
SOWK-7102	Social Work Treatment: Interlocking Theoretical Approaches	3(3+0)
SOWK-7103	Social Work Practice with Groups	3(3+0)
SOWK-7104	Dynamics of Organizations and Communities	3(3+0)
SOWK-7105	Social Development and Social Policy	3(3+0)
SOWK-7106	Forensic Social Work	3(3+0)
SOWK-7107	Feminist Social Work Practice	3(3+0)
SOWK-7108	Social Justice and Social Work	3(3+0)
SOWK-7109	Research Methods for Social Work	3(3+0)
Minor Courses		
SOWK-7110	Social Statistics and Quantitative Data Analysis	3(3+0)
SOWK-7111	Qualitative Research: Design and Methods	3(3+0)
SOWK-7112	Spirituality and Social Work Practice	3(3+0)

Code	Course Title	C/Hr.
SOWK-7113	Economies of Anticipation	3(3+0)
SOWK-7114	Direct Social Work Practice: Theories and Skills	3(3+0)
SOWK-7115	Social Gerontology	3(3+0)
SOWK-7116	Gender, Violence and Justice	3(3+0)
SOWK-7117	Human Rights and Social Work: Towards RightsBased Practice	3(3+0)
SOWK-7118	Social Welfare in a Postwelfare Era	3(3+0)
SOWK-7119	Mental Health and Social Work	3(3+0)
SOWK-7120	The Government of Life: Foucault, Biopolitics, and Neoliberalism	3(3+0)
SOWK-7121	Thesis/Dissertation (Semester 3 & 4)	6(0+6)

As a part of Social Work department I learnt new horizons of research and social development. During course work, I gained valuable knowledge through class learning and experts' lectures by the outside universities. The Social Work profession gives me the opportunity to work in a variety of settings and work towards multidimensional collaborative change. By utilizing my professional knowledge, I am able to empower, advocate, motivate, connect, and encourage resilience.
Areeba Lubatnaz, MPhil

DEPARTMENT OF
SOCIOLOGY AND CRIMINOLOGY

Dr Yasir Nawaz Manj
Associate Professor / Chairperson

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Asma Yunus
Assistant Professor

Umair Ahmad
Lecturer

Asad Umair
Lecturer

Saima Manzoor
Lecturer

Zarqa Azhar
Lecturer

Muhammad Mohsin
Lecturer

Muhammad Zain-ul-Abidin
Lecturer

BS Sociology

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. 165

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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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

Code	Course Title	C/Hr.
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)

MSc Sociology

Eligibility: At least 45% marks in graduation or equivalent
Duration: 2 Years
Semesters: 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 165

Code	Course Title	C/Hr.
Semester-1		
SOCI-6201	Principles of Sociology	3(3+0)
SOCI-6202	Cultural Anthropology	3(3+0)
SOCI-6203	Social Statistics	3(3+0)
URCI-5109	Intro. to Information & Communication Tech.	3(3+0)
SOCI-6204	Development of Sociological Theory	3(3+0)
URCE-5103	Academic Writing	3(3+0)
	Total	**18(18+0)**
Semester-2		
SOCI-6205	Contemporary Sociological Theory	3(3+0)
SOCI-6206	Population Dynamics	3(3+0)
SOCI-6207	Sociology of Development	3(3+0)
SOCI-6208	Social Psychology	3(3+0)
SOCI-6209	Gender Issues	3(3+0)
SOCI-6210	Social Research Methods	3(3+0)
URCC-5110	Citizenship Education & Community Engagement	3(1+2)
	Total	**18(18+0)**
Semester-3		
SOCI-6211	Sociology of Change	3(3+0)
SOCI-6212	Criminology & Sociology of Deviance	3(3+0)
SOCI-6213	Advance Research Methods	3(3+0)
SOCI-6214	Internship	3(3+0)
SOCI-62xx	Optional-I	3(3+0)
SOCI-62xx	Optional-II	3(3+0)
	Total	**18(18+0)**
Semester-4		
SOCI-6215	Community Dev. & Social Mobilization	3(3+0)
SOCI-6216	NGO Management	3(3+0)
SOCI-6217	Thesis	6(0+6)
SOCI-62xx	Optional-III	3(3+0)
SOCI-62xx	Optional-IV	3(3+0)
	Total	**18(12+6)**

Optional Courses for MSc Sociology

Code	Course Title	C/Hr.
SOCI-6218	Sociology of Social Work	3(3+0)
SOCI-6219	Sociology of Health and Medicine	3(3+0)
SOCI-6220	Industrial Sociology	3(3+0)
SOCI-6221	Organizational Behavior & Human Resource Management	3(3+0)
SOCI-6222	Social Problems of Pakistan	3(3+0)
SOCI-6223	Sociology of Religion	3(3+0)
SOCI-6224	Sociology of Education	3(3+0)
SOCI-6225	Sociology of War and Military	3(3+0)
SOCI-6226	Globalization	3(3+0)
SOCI-6227	Qualitative Research Methods	3(3+0)
SOCI-6228	Sociology of Peace and Conflict Studies	3(3+0)
SOCI-6229	Urban Sociology	3(3+0)
SOCI-6230	Rural Sociology	3(3+0)
SOCI-6231	Political Sociology	3(3+0)
SOCI-6232	Corporate Social Responsibility	3(3+0)
SOCI-6233	Local Government Institutions & Rural Development in Pakistan	3(3+0)
SOCI-6234	Statistical Package for Social Sciences (SPSS)	3(3+0)

The environment over here and the support of teachers made me self-assured. I feel blessed to be a part of this learning community. Thanks, SU, and my department for giving me beautiful memories and everything that made me what I am today. There is something special in campus life that even being with just 4 years of BS I feel like there is something that makes the journey a feel of some 100 years.
Anoosha Maryem, BS Sociology

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. 165

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. 165

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	6(0+6)

MSc Criminology

Eligibility: At least 45% marks in Graduation (BA, BSc, B.Com, LL.B 5-year) or equivalent. (Age limit is upto 40 years)
Duration: 2 Years | **Semesters:** 4
Degree Requirements: 66-72 Credit Hours
Fee Structure: See "Fee Structure" page No. 165

Code	Course Title	C/Hr.
Semester-1		
CRIM-6101	Fundamentals of Criminology	3(3+0)
CRIM-6102	Criminological Theory	3(3+0)
CRIM-6103	Deviance & Crime	3(3+0)
CRIM-6104	Statistics in Criminology	3(3+0)
URCI-5109	Intro. to Information & Communication Tech.	3(3+0)
URCE-5103	Academic Writing	3(3+0)
	Total	**18(18+0)**
Semester-2		
CRIM-6105	Juvenile Delinquency	3(3+0)
CRIM-6106	Penology	3(3+0)
CRIM-6107	Research Methods in Criminology	3(3+0)
CRIM-6108	Criminal Psychology	3(3+0)
CRIM-6109	Pattern of Crime	3(3+0)
	Total	**18(18+0)**
Semester-3		
CRIM-6110	Crime Prevention	3(3+0)
CRIM-6111	Criminal Justice System	3(3+0)
CRIM-61xx	Optional-I	3(3+0)
CRIM-61xx	Optional-II	3(3+0)
CRIM-6112	Internship	3(3+0)
URCC-5110	Citizenship Education & Community Engagement	3(1+2)
	Total	**15(15+0)**
Semester-4		
CRIM-6113	Applied Criminology	3(3+0)
CRIM-6114	Forensic Criminology	3(3+0)
CRIM-61xx	Optional-III	3(3+0)
CRIM-61xx	Optional-IV	3(3+0)
CRIM-6115	Thesis	6(0+6)
	Total	**18(12+6)**
Optional Courses for MSc Criminology		
CRIM-6116	Cyber Crime	3(3+0)
CRIM-6117	Community Justice & Crime Prevention	3(3+0)
CRIM-6118	Police and Community Policing	3(3+0)
CRIM-6119	Islamic Perspective on Crime & Punishment	3(3+0)
CRIM-6120	Criminal Investigation Methods	3(3+0)
CRIM-6121	Money Laundering	3(3+0)
CRIM-6122	Drug Abuse and Selected Crimes	3(3+0)
CRIM-6123	Gender & Crime	3(3+0)
CRIM-6124	Correctional Institutions	3(3+0)
CRIM-6125	Crime and Media	3(3+0)
CRIM-6126	Terrorism & Counter Terrorism	3(3+0)

#SLF20
Interactive Discussion

Wednesday
11 | 03 | 2020
Noon Auditorium
11:00 AM

LITERARY FESTIVAL
SLF'20

POLITICS, MEDIA AND SOCIETY

www.su.edu.pk

Mr Muhammad Amir Rana, Mr Zafarullah Khan, Mr Yasir Pirzada, Mr Gull e Nokhaiz Akhtar addressing the session of Sargodha Literary Festival on March 11, 2020 at Noon Auditorium

SUB CAMPUS
BHAKKAR

Dr Khalid Mahmood
Director
Sub-Campus Bhakkar

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List of Departments

- Biological Sciences
- Chemistry
- Computer Science and Information Technology
- Education
- English
- Management and Administrative Sciences
- Mathematics
- Physics
- Psychology
- Social Work
- Sociology
- Sports Sciences

Director's Message

The Sub-Campus Bhakkar of Sargodha University was established in 2012. The aim was to provide quality and affordable education to the students of this deprived district at their doorstep. In a short span of time, the Campus has made sizeable progress in terms of academic development and infrastructure. More than 2900 students are enrolled in various departments. The Campus is offering 19 programs in Fall-2020 admissions at undergraduate and graduate levels. The faculty includes 13 PhD and 34 MPhil qualified teachers. For up-gradation of the Sub-Campus, an HEC-funded development project with the share of Rs.320 millions has been approved. The project covers extension of Academic Block-II with provision of library, labs and classrooms, construction of Girls Hostel with 225 person's capacity, local transportation facility for students and faculty members and provision of residential facility to faculty and staff.

We put forth every effort to enrich the academic experience of our students. Our commitment to 'education for life' is supported by our good graduate employability record. We are proud of what we have to offer as an academic institute and we want students with ability and potential from all over the country to join us. I welcome all of you at Sub-Campus Bhakkar with the hope that your entry in the campus will further enrich the academic life as well as contribute to your professional growth. well as contribute to your professional growth.

Khalid Mahmood

Learning Resources

Library

The Library at University of Sargodha's Sub-Campus Bhakkar supports the undergraduate and graduate teaching programs by maintaining a collection of good quality resources in the shape of books, magazines, newspapers, research journals along with a bounty of repository and an active learning space. As an afresh established campus, the library is furnished with a limited collection of 5,000 books which, together with other learning resources, facilitate and further enable each student an active, lifelong ability to confront ideas, to master knowledge, and to learn continuously.

Cognitive Learning

The campus maintains to enhance student's credibility through various opportunities such as Workshops, Seminars, Service Learning Project, and Gaming Competition of both international as well as national recognition. The primary mission of the campus is to activate critical thinking among the students coupled with advance technological tools used for higher learning processes.

IT Services

The campus is equipped with necessary technological tools for students, conducive for maintaining a competitive academic atmosphere. Computer labs equipped with latest gadgetry, Wi-Fi connectivity, AV aids based learning are other attractions for students searching for professional grooming.

Co-Curricular

The campus promotes the integration of pedagogical based learning with real life situation. Students at Bhakkar campus are not only provided with an opportunity to learn in classrooms but they are also encouraged to reflect their unique beings through artistic medium. Drama festival, cultural nights, declamation contests, welcome and farewell parties, essay writing competitions are some of the activities that students actively participate in.

Sports

The sports program at the campus is a major sports opportunity available for the youth in Bhakkar. Each year, the campus holds a Sports Gala for both undergraduate and graduate students. The campus is struggling hard to bring initiative-based learning through sportsmanship by providing various platforms that inculcate physical as well as mental exercises.

Department of
Biological Sciences

Dr Muhammad Kabir
Assistant Professor / Coordinator

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Rabia Saba
Lecturer

Department of
Chemistry

Dr Rizwan Nasir Paracha
Assistant Professor / Coordinator

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✆ 0453-9200070
📍 Sub Campus Bhakkar

Faculty

Dr Yasmeen Gul
Assistant Professor

Dr Muhammad Saleem
Assistant Professor

Dr Irfan Ullah
Assistant Professor

Muhammad Mustaqeem
Lecturer

Department of
Computer Science and Information Technology

Faheem Ahmed Khalid
Assistant Professor / Coordinator

Contact
✉ csit.bkr@uos.edu.pk
✆ 0315-5168055
📍 Sub Campus Bhakkar

Faculty

Muhammad Azhar Mushtaq
Assistant Professor

Muhammad Abubakar Muhammad
Lecturer

Academic Programs

BS Botany

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 99**

Academic Programs

BS Chemistry

MSc Chemistry

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 94**

Academic Programs

BS Computer Sciences

BS Information Technology

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 101**

Department of
Education

Dr. Ahmad Bilal Cheema
Assistant Professor / Coordinator

Contact
- Education.bkr@uos.edu.pk
- 0453-9200070
- Sub Campus Bhakkar

Faculty

Naseem Kousar
Lecturer

Ghulam Muhammad
Lecturer

Saima Nasreen
Lecturer

Academic Programs

BS Education

B.Ed (1.5 year) General

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 121**

Department of
English

Eram Jamil
Assistant Professor / Coordinator

Contact
- english.bkr@uos.edu.pk
- 0453-9200070
- Sub Campus Bhakkar

Faculty

Dr. Barirah Nazir
Lecturer

Qasim Dad
Lecturer

Asad Ullah
Lecturer

Rashid Behram Khan
Lecturer

Academic Programs

BS English

MA English

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 60**

Department of
Management and Administrative Sciences

Ahmad Saeed
Assistant Professor / Coordinator

Contact
- dba.bkr@uos.edu.pk
- 0300-7192440
- Sub Campus Bhakkar

Faculty

Dr. Nisar Ahmad Assistant Professor (Economics)	**Shariq Zia** Lecturer (Business Administration)
Dr. Shahid Kalim Assistant Professor (Business Administration)	**Naik Muhammad** Lecturer (Business Administration)
Dr. Muhammad Khyzer Hayat Lecturer (Economics)	**Sujawal Hussain** Lecturer (Business Administration)
Bilal Ahmad Lecturer (Economics)	**Umer Iftikhar** Lecturer (Commerce)
Najamul Hassan Lecturer (Economics)	**Umar Akbar** Lecturer (Commerce)
Abid Bin Shakir Lecturer (Business Administration)	**Aamir Sohail** Lecturer (Commerce)

Academic Programs

BBA

B.Com

BS Economics

For details about Eligibility, Duration, Degree Requirement and course outlines of **BBA and B.Com** please visit **Page No. 128** and **BS Economics** Page No. **118**

Department of
Mathematics

Ammara Nazar
Lecturer / Coordinator

Contact
✉ mathematics.bkr@uos.edu.pk
✆ 0453-9200070
📍 Sub Campus Bhakkar

Department of
Physics

Dr Shanawer Niaz
Assistant Professor / Coordinator

Contact
✉ physics.bkr@uos.edu.pk
✆ 0321-6020309
📍 Sub Campus Bhakkar

Faculty

Syed Zuhair Abbas Shah
Lecturer

Amer Mustafa
Lecturer

Saira Yasmeen
Lecturer

Asif Mehmood
Lecturer

Department of
Psychology

Dr Sultan Shuja
Assistant Professor / Coordinator

Contact
✉ psychology.bkr@uos.edu.pk
✆ 0333-6831611
📍 Sub Campus Bhakkar

Faculty

Dr. Rehana Ilyas
Assistant Professor

Academic Programs

BS Mathematics

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 108**

Academic Programs

BS Physics

MSc Physics

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 110**

Academic Programs

BS Psychology

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 134**

Department of
Social Work

Ishaque Ahmed
Lecturer / Coordinator

Contact
- ✉ socialwork.bkr@uos.edu.pk
- ☎ 0333-6502525
- 📍 Sub Campus Bhakkar

Faculty

Rameez Mohsin
Lecturer (Social Work)

Department of
Sociology

Mussarat Hussain Dreshak
Lecturer / Coordinator

Contact
- ✉ Sociology.bkr@uos.edu.pk
- ☎ 0336-7809009
- 📍 Sub Campus Bhakkar

Faculty

Tauqeer Ahmad Lak
Lecturer (Sociology)

Department of
Sports Sciences

Muhammad Ijaz
Lecturer / Coordinator

Contact
- ✉ sportsciences.bkr@uos.edu.pk
- ☎ 0453-9200070
- 📍 Sub Campus Bhakkar

Faculty

Rashid Naeem Khan
Lecturer

Reema Aman
Lecturer

Academic Programs

BS Social Work

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 137**

Academic Programs

BS Sociology

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 139**

Academic Programs

MSc Physical Education

For details about Eligibility, Duration, Degree Requirement and course outlines please visit **Page No. 69**

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 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
Faculty of Agriculture																					
College of Agriculture																					
- BSc (Hons) Agriculture	150	200	3	3	0	0	2	2	2	2	1	1	0	3	1	1	1	4	0	0	376
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 Plant Breeding and Genetics																					
- MSc (Hons) Plant Breeding and Genetics	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Plant Breeding and Genetics	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Plant Pathology																					
- MSc (Hons) Plant Pathology	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Plant Pathology	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Agricultural Extension+Agricultural Economics																					
- MSc (Hons) Agricultural Extension	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Agricultural Extension	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of Horticulture + Forestry																					
- MSc (Hons) Horticulture	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
Department of Soil and Environmental Sciences + Agronomy																					
- MSc (Hons) Soil Science	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Soil Science	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
- MSc (Hons) Agronomy	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Agronomy	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
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
Institute of Food Science and Nutrition																					
- BS Food Science & Technology	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MSc (Hons) Food Science and Technology	0	15	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	19
- MSc (Hons) Food and Nutrition	0	10	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	14
- 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

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.

Faculty of Arts and Humanities

	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
College of Law																					
- LL.B (Hons) 5-years	75	0	3	3	0	0	2	0	1	2	1	1	1	3	1	1	1	0	5	0	100
Institute of Art and Design																					
- BS Fine Arts	25	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	45
- BS Interior Design	25	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	45
- Bachelors in Graphic Design	25	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	45
- Bachelors in Textile Design	25	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	45
- MA Fine Arts	25	0	3	3	0	0	1	0	1	2	1	1	1	3	1	1	1	1	0	0	45
- Diploma in Painting	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- Diploma in Fashion Design	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- Diploma in Interior Design	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
- 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
- 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	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MA Mass Communication	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	60
- MPhil Community and Media Studies	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	100	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	161
- MA English	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil English	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- 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
- MA 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

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:
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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 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
Department of Islamic and Arabic 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
- MA Islamic Studies	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- MA 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
Department of Sports Sciences																					
- BS Physical Education	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	5	0	0	64
- MSc 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 and Oriental Languages																					
- BS Urdu	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MA Urdu	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- 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
- BS Persian	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MA 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	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- MA 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 (Replica)	Teaching	Non-Teaching	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	Religious Minorities Candidates	Overseas Pakistani	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Total
College of Engineering and Technology																					
- BSc Electrical Engineering	31	0	3	3	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	40
- BSc Mechanical Engineering	31	0	3	3	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	40
- BS Civil Engineering Technology	42	40	3	3	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	90
- BS Electrical Engineering Technology	32	30	3	3	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	70
- BS Mechanical Engineering Technology	32	30	3	3	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	70

FACULTY OF MEDICAL AND HEALTH SCIENCES

	Regular	Self Support (Replica)	Teaching	Non-Teaching	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	Religious Minorities Candidates	Overseas Pakistani	Armed Forces Personnel	Outstanding Sports Persons	son/daughter of advocates	Children of Pharmacists	Total
Sargodha Medical College																					
- MBBS	79	0	0	0	0	0	0	0	10	0	0	1	0	0	0	10	0	0	0	0	100
- MD/MS (4 Year) (through central induction)	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
- FCPS (4 Years) (through central induction)	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45

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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
Department of Allied Health Sciences																					
- DPT	45	45	3	3	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	100
- BS AHS (Pathology Lab Sciences) (4 years)	45	45	3	3	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	100

FACULTY OF PHARMACY

	Regular	Self Support (Replica)	Teaching	Non-Teaching	Teaching	Non-Teaching	Children/Wards of martyrs	For Specific Diploma	Foreign Students	Tribal Area	FANA/GB	Disabled Persons	Kashmiries IHK	Other Provinces	Religious Minorities	Overseas Pakistani	Armed Forces	Outstanding Sports	son/daughter of advocates	Children of 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	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- MPhil Pharmaceutics	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- 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

	Regular	Self Support (Replica)	Teaching	Non-Teaching	Teaching	Non-Teaching	Children/Wards of martyrs	For Specific Diploma	Foreign Students	Tribal Area	FANA/GB	Disabled Persons	Kashmiries IHK	Other Provinces	Religious Minorities	Overseas Pakistani	Armed Forces	Outstanding Sports	son/daughter of advocates	Children of Pharmacists	Total
Institute of Chemistry																					
- BS Chemistry	50	60	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	131
- MSc Chemistry	50	60	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	131
- MPhil Analytical / Inorganic	0	30	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	34
- 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	30	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	34
- MPhil Physical Chemistry	0	10	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	14
- 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																					
- 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	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
Department of Botany																					
- BS Botany	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MSc. Botany	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	110
- MPhil Botany	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- PhD Botany	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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Department / Program	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
Department of Computer Science and IT																					
- BS (CS)	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- BS (IT)	40	50	3	3	0	0	2	5	1	2	1	1	0	3	1	1	1	2	0	0	116
- BS (SE)	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MSc (IT)	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
- MS (CS)	0	15	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	19
- MS (IT)	0	15	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	19
Department of Earth Sciences																					
- 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
- MSc Geography	40	0	3	3	0	0	2	0	1	2	1	0	0	3	1	1	1	0	0	0	58
- MS Geology	0	10	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Department of Mathematics																					
- BS Mathematics	50	110	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	181
- MSc Mathematics	50	60	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	131
- MPhil Mathematics	0	41	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	45
- PhD Mathematics	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Department of Physics																					
- BS Physics	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MSc Physics	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Physics	0	21	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	25
- 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
- MSc. Statistics	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	60
- MPhil Statistics	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
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
- MSc. Zoology	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	110
- MPhil Zoology	0	26	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	30
- PhD Zoology	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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FACULTY OF SOCIAL SCIENCES

	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
Department of Economics																					
- BS Economics	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MSc Economics	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MPhil Economics	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- 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
- MA 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	40	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	44
- PhD Education	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Department of History and Pakistan Studies																					
- BS History	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- MA History	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
- MPhil History	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
- MA Pakistan Studies	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	61
Noon Business School																					
- 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
- BBA (4-year)	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- B.Com (Hons)	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- M.Com	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MBA	40	40	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	101
- MS Management Sciences	0	20	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	24
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

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			Teaching	Non-Teaching	Teaching	Non-Teaching															
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
- MSc Psychology	40	0	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	60
- 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	0	1	0	0	0	0	0	0	0	24
- MS Industrial Organizational Psychology	0	20	0	0	2	1	0	0	0	0	0	0	1	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
- MA 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	15	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	19
Department of Sociology and Criminology																					
- BS Sociology	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	2	0	0	111
- MSc Sociology	40	50	3	3	0	0	2	0	1	2	1	1	0	3	1	1	1	1	0	0	110
- MSc Criminology	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
- MPhil Sociology	0	20	0	0	2	1	0	0	0	0	0	0	1	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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Breakup of Enrolment
Sub-Campus Bhakkar

TITLE	Regular		Reserved Children/Spouses of UOS Regular Employees Serving or Deceased (Interconvertible)		Self Support		
	Total	Merit	Teaching	Non- Teaching	Total	Merit	Reserved
Department of Biological Sciences							
- BS Botany	56	50	3	3	Nil	Nil	Nil
Department of Chemistry							
- BS Chemistry	56	50	3	3	Nil	Nil	Nil
- MSc Chemistry	56	50	3	3	Nil	Nil	Nil
Department of Computer Science and IT							
- BS Computer Science	56	50	3	3	Nil	Nil	Nil
- BS Information Technology	56	50	3	3	Nil	Nil	Nil
Department of Education							
- BS Education	56	50	3	3	Nil	Nil	Nil
- BEd (1.5 - year) General	56	50	3	3	Nil	Nil	Nil
Department of English							
- BS English	56	50	3	3	Nil	Nil	Nil
- MA English	56	50	3	3	Nil	Nil	Nil
Department of Management and Administrative Sciences							
- BBA (Hons)	56	50	3	3	Nil	Nil	Nil
- B.Com (Hons)	56	50	3	3	50	50	Nil
- BS Economics	56	50	3	3	Nil	Nil	Nil
Department of Mathematics							
- BS Mathematics	56	50	3	3	Nil	Nil	Nil
Department of Physics							
- BS Physics	56	50	3	3	Nil	Nil	Nil
- MSc Physics	56	50	3	3	Nil	Nil	Nil
Department of Psychology							
- BS Psychology	56	50	3	3	Nil	Nil	Nil
Department of Social Work							
- BS Social Work	56	50	3	3	Nil	Nil	Nil
Department of Sociology							
- BS Sociology	56	50	3	3	Nil	Nil	Nil
Department of Sports Sciences							
- MSc Physical Education	56	50	3	3	Nil	Nil	Nil

Fee Structure (Except Faculty of Medical and Health Sciences)

Details	To be paid	Faculty of Agriculture								Law College	Faculty of Arts and Humanities							
		College of Agriculture				Institute of Food Science and Nutrition					Institute of Art and Design			Communication & Media Studies				
		PhD	MSc(Hons)	BSc (Hons)		PhD	MS/MPhil	BSc (Hons.)		LL.B. (5-y)	MA	BS	Diplomas	MPhil	MA		BS	
		SS**	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	Reg*	Reg*	Reg*	SS**	SS*	Reg*	SS*	Reg*	SS**
Admission Fee	Once Only	9000	3000	1500	3000	9000	3000	1500	3000	1500	1500	1500	3000	3000	1500	3000	1500	3000
Tuition Fee	Per Semester	20650	20650	10200	17300	20650	20650	13350	16000	8900	11350	11350	16650	20650	8900	11350	8900	11350
Bus Card Fee	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	2000	2000	4000	4000	2000	2000	2000	2000	2000	2000	4000	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
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	1000	700	700	1000	1000	700	700	0	700	700	700	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
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	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Examination Fee	Per Semester	2000	2000	1500	1500	2000	2000	1500	1500	1500	1500	1500	1500	2000	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
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	1000	1000	1000	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	2000	2000	2000	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) ***		**43700**	**37700**	**22950**	**31550**	**43700**	**37700**	**26100**	**30250**	**20950**	**27100**	**27100**	**33900**	**36700**	**20950**	**24900**	**20950**	**24900**
Total (Semester-II & onwards)		**27200**	**27200**	**15950**	**23050**	**27200**	**27200**	**19100**	**21750**	**13950**	**20100**	**20100**	**25400**	**26200**	**13950**	**16400**	**13950**	**16400**

*   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. Fee structure for all academic programs offered at Sub-campus Bhakkar will be same as above but extra tuition fee of Rs. 4,000/- and Rs. 6,000/- will be charged for regular and self-support programs respectively.
        3. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
        4. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	English PhD SS**	MPhil SS**	MA Reg*	MA SS**	BS Reg*	BS SS**	Information Management PhD SS**	MPhil SS**	MA Reg*	MA SS**	BS Reg*	BS SS**	Islamic and Arabic Studies PhD SS**	MPhil SS**	MA Reg*	MA SS**	BS Reg*	BS SS**	Sports Sciences MSc Reg*	MSc SS**	BS Reg*
Admission Fee	Once Only	9000	3000	1500	3000	1500	3000	9000	3000	1500	3000	1500	3000	9000	3000	1500	3000	1500	3000	1500	3000	1500
Tuition Fee	Per Semester	20650	20650	8900	11350	8900	11350	20650	20650	8900	11350	8900	11350	16650	16650	7650	10650	7650	10650	8900	12000	8900
Bus Card Fee	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	2000	2000	2000	2000	4000	4000	2000	2000	2000	2000	4000	4000	2000	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	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	700	700	700
Sports Fund	Per Semester	200	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	250
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Examination Fee	Per Semester	2000	2000	1500	1500	1500	1500	2000	2000	1500	1500	1500	1500	2000	2000	1500	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	50
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance 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) *****		42700	36700	20950	24900	20950	24900	42700	36700	20950	24900	20950	24900	38700	32700	19700	24200	19700	24200	21650	26250	21650
Total (Semester-II & onwards)		26200	26200	13950	16400	13950	16400	26200	26200	13950	16400	13950	16400	22200	22200	12700	15700	12700	15700	14650	17750	14650

*   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. Fee structure for all academic programs offered at Sub-campus Bhakkar will be same as above but extra tuition fee of Rs. 4,000/- and Rs. 6,000/- will be charged for regular and self-support programs respectively.
3. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
4. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	Faculty of Arts and Humanities						Faculty of Engineering and Technology			Faculty of Pharmacy			
		Urdu and Oriental Languages						College of Engineering and Technology			College of Pharmacy			
		PhD	MPhil	MA		BS		All BSc Engineering	All BS Engi. Tech.		PhD	MPhil	PharmD	
		SS**	SS**	Reg*	SS**	Reg*	SS**	Reg*	Reg*	SS*	SS**	SS**	Reg*	SS**
Admission Fee	Once Only	9000	3000	1500	3000	1500	3000	1500	1500	2500	9000	3000	1500	3000
Tuition Fee	Per Semester	16650	16650	7650	10650	7650	10650	31800	22325	51300	20650	20650	29325	49200
Bus Card Fee	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500
Masjid Fund	Per Semester	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
Library Security (Refundable)	Once Only	4000	4000	2000	2000	2000	2000	4000	4000	4000	4000	4000	2000	2000
Welfare Fund	Per Semester	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
Red Crescent Fund	Per Semester	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
Science Breakage	Per Semester	0	0	0	0	0	0	1000	1000	1000	1000	1000	1000	1000
Sports Fund	Per Semester	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
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Examination Fee	Per Semester	2000	2000	1500	1500	1500	1500	2000	2000	2000	2000	2000	1500	1500
Benevolent Fund	Per Semester	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	10930	10930	2500	2500
Studio Expenses	Per Semester	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	1000	1000
Lab Charges	Per Semester	0	0	0	0	0	0	5000	5000	5000	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I) *****		38700	32700	19700	24200	19700	24200	52350	42875	72850	54630	48630	45875	67250
Total (Semester-II & onwards)		22200	22200	12700	15700	12700	15700	43350	33875	62850	38130	38130	38875	58750

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**   SS (Self Support)
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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. Fee structure for all academic programs offered at Sub-campus Bhakkar will be same as above but extra tuition fee of Rs. 4,000/- and Rs. 6,000/- will be charged for regular and self-support programs respectively.
3. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
4. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	Chemistry PhD SS**	Chemistry MPhil SS**	Chemistry MSc Reg*	Chemistry MSc SS**	Chemistry BS Reg*	Chemistry BS SS**	Biotechnology MPhil SS**	Biotechnology BS Reg*	Biotechnology BS SS**	Botany PhD SS**	Botany MPhil SS**	Botany MSc Reg*	Botany MSc SS**	Botany BS Reg*	Botany BS SS**
Admission Fee	Once Only	9000	3000	1500	3000	1500	3000	3000	1500	3000	9000	3000	1500	3000	1500	3000
Tuition Fee	Per Semester	20650	20650	11450	16000	8900	14000	37300	8900	14000	20650	20650	11450	16000	8900	14000
Bus Card Fee	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Masjid Fund	Per Semester	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
Library Security (Refundable)	Once Only	4000	4000	2000	2000	2000	2000	4000	2000	2000	4000	4000	2000	2000	2000	2000
Welfare Fund	Per Semester	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
Red Crescent Fund	Per Semester	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
Science Breakage	Per Semester	1000	1000	700	700	700	700	1000	700	700	1000	1000	700	700	700	700
Sports Fund	Per Semester	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
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Examination Fee	Per Semester	2000	2000	1500	1500	1500	1500	2000	1500	1500	2000	2000	1500	1500	1500	1500
Benevolent Fund	Per Semester	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
Studio Expenses	Per Semester	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
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Semester-I) *****		43700	37700	24200	30250	21650	28250	54350	21650	28250	43700	37700	24200	30250	21650	28250
Total (Semester-II & onwards)		27200	27200	17200	21750	14650	19750	43850	14650	19750	27200	27200	17200	21750	14650	19750

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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. Fee structure for all academic programs offered at Sub-campus Bhakkar will be same as above but extra tuition fee of Rs. 4,000/- and Rs. 6,000/- will be charged for regular and self-support programs respectively.
      3. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
      4. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	Faculty of Sciences																
		Computer Science and Information Technology								Earth Science			Mathematics					
		All MS	MSc (IT)	BS (IT)		BS (CS)		BS (SE)		MS	MSc	All BS	PhD	MPhil	MSc		BS	
		SS**	SS**	Reg*	SS**	Reg*	SS**	Reg*	SS**	SS**	Reg*	Reg*	SS**	SS**	Reg*	SS**	Reg*	SS**
Admission Fee	Once Only	3000	3000	1500	3000	1500	3000	1500	3000	3000	1500	1500	9000	3000	1500	3000	1500	3000
Tuition Fee	Per Semester	33950	27300	8900	26650	8900	26650	8900	26650	20650	14000	8900	20650	20650	11450	16000	8900	14000
Bus Card Fee	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
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	2000	2000	2000	2000	2000	2000	4000	2000	2000	4000	4000	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
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	50	50	50	50	50	50	50	50	1000	700	700	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
Computer Fund	Per Semester	1000	1000	1000	1000	1000	1000	1000	1000	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	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Examination Fee	Per Semester	2000	1500	1500	1500	1500	1500	1500	1500	2000	1500	1500	2000	2000	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
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) *****		50800	41650	21750	41000	21750	41000	21750	41000	37700	26750	21650	42700	36700	23500	29550	20950	27550
Total (Semester-II & onwards)		40300	33150	14750	32500	14750	32500	14750	32500	27200	19750	14650	26200	26200	16500	21050	13950	19050

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  2. Fee structure for all academic programs offered at Sub-campus Bhakkar will be same as above but extra tuition fee of Rs. 4,000/- and Rs. 6,000/- will be charged for regular and self-support programs respectively.
  3. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
  4. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	Faculty of Sciences																Faculty of Social Sciences					
		Physics						Statistics				Zoology						Economics					
		PhD	MPhil	MSc		BS		MPhil	MSc	BS		PhD	MPhil	MSc		BS		PhD	MPhil	MSc		BS	
		SS**	SS**	Reg*	SS**	Reg*	SS**	SS**	Reg*	Reg*	SS**	SS**	SS**	Reg*	SS**	Reg*	SS**	SS**	SS**	Reg*	SS**	Reg*	SS**
Admission Fee	Once Only	9000	3000	1500	3000	1500	3000	3000	1500	1500	3000	9000	3000	1500	3000	1500	3000	9000	3000	1500	3000	1500	3000
Tuition Fee	Per Semester	20650	20650	11450	16000	8900	14000	20650	11450	8900	14000	20650	20650	11450	16000	8900	14000	20650	20650	8900	11350	8900	11350
Bus Card Fee	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	2000	2000	2000	2000	4000	2000	2000	2000	4000	4000	2000	2000	2000	2000	4000	4000	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	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	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	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	3500
Science Breakage	Per Semester	1000	1000	700	700	700	700	1000	700	700	700	1000	1000	700	700	700	700	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	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	250	250
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Examination Fee	Per Semester	2000	2000	1500	1500	1500	1500	2000	1500	1500	1500	2000	2000	1500	1500	1500	1500	2000	2000	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	50	50
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance Charnges	Per Semester	0	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	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	0
Total (Semester-I) *****		43700	37700	24200	30250	21650	28250	37700	24200	21650	28250	43700	37700	24200	30250	21650	28250	42700	36700	20950	24900	20950	24900
Total (Semester-II & onwards)		27200	27200	17200	21750	14650	19750	27200	17200	14650	19750	27200	27200	17200	21750	14650	19750	26200	26200	13950	16400	13950	16400

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      2. Fee structure for all academic programs offered at Sub-campus Bhakkar will be same as above but extra tuition fee of Rs. 4,000/- and Rs. 6,000/- will be charged for regular and self-support programs respectively.
      3. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
      4. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	Faculty of Social Sciences																
		Education					History & Pakistan Studies			Noon Business School								
		PhD	MPhil	BS & MA	All BEd		MPhil	All MA	BS	MS	MBA		All BBA		MCom		BCom	
		SS**	SS**	Reg*	Reg*	SS**	SS**	Reg*	Reg*	SS**	Reg*	SS**	Reg*	SS**	Reg*	SS**	Reg*	SS**
Admission Fee	Once Only	9000	3000	1500	1500	3000	3000	1500	1500	3000	1500	3000	1500	3000	1500	3000	1500	3000
Tuition Fee	Per Semester	20650	20650	8900	8900	11350	20650	7650	7650	20650	14650	20650	12700	17300	14000	21300	11450	16000
Bus Card Fee	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	4000	4000	2000	2000	2000	4000	2000	2000	4000	2000	2000	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
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	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
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	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Examination Fee	Per Semester	2000	2000	1500	1500	1500	2000	1500	1500	2000	1500	1500	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
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) *****		42700	36700	20950	20950	24900	36700	19700	19700	36700	26700	34200	24750	30850	26050	34850	23500	29550
Total (Semester-II & onwards)		26200	26200	13950	13950	16400	26200	12700	12700	26200	19700	25700	17750	22350	19050	26350	16500	21050

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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. Fee structure for all academic programs offered at Sub-campus Bhakkar will be same as above but extra tuition fee of Rs. 4,000/- and Rs. 6,000/- will be charged for regular and self-support programs respectively.
3. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
4. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Details	To be paid	Politics and IR All BS Reg*	Politics and IR All BS SS**	Psychology PhD SS**	Psychology MS/MPhil SS**	Psychology ADCP SS**	Psychology MSc Reg*	Psychology BS Reg*	Psychology BS SS**	Social Work MPhil SS**	Social Work MA Reg*	Social Work MA SS**	Social Work BS Reg*	Social Work BS SS**	Sociology PhD SS**	Sociology MPhil SS**	Sociology All MSc Reg*	Sociology All MSc SS**	Sociology BS Reg*	Sociology BS SS**
Admission Fee	Once Only	1500	3000	9000	3000	3000	1500	1500	3000	3000	1500	3000	1500	3000	9000	3000	1500	3000	1500	3000
Tuition Fee	Per Semester	8900	11350	20650	20650	16000	8900	8900	11350	20650	8900	12000	8900	12000	20650	20650	8900	12000	8900	11350
Bus Card Fee	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Masjid Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
General Fund	Per Semester	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Library Security (Refundable)	Once Only	2000	2000	4000	4000	4000	2000	2000	2000	4000	2000	2000	2000	2000	4000	4000	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
Medical Fund	Per Semester	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
University Registration Fee***	Once Only	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	1000	1000	1000	700	700	700	0	0	0	0	0	1000	1000	700	700	700	700
Sports Fund	Per Semester	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
Magazine Fund	Per Semester	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Utility Charges	Per Semester	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Examination Fee	Per Semester	1500	1500	2000	2000	2000	1500	1500	1500	2000	1500	1500	1500	1500	2000	2000	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
Development Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Studio Expenses	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance Charnges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Field Work/Study Tour	Per Semester	0	0	0	0	0	0	0	0	0	500	500	500	500	0	0	0	0	0	0
Total (Semester-I) *****		20950	24900	43700	37700	33050	21650	21650	25600	36700	21450	26050	21450	26050	43700	37700	21650	26250	21650	25600
Total (Semester-II & onwards)		13950	16400	27200	27200	22550	14650	14650	17100	26200	14450	17550	14450	17550	27200	27200	14650	17750	14650	17100

*   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. Fee structure for all academic programs offered at Sub-campus Bhakkar will be same as above but extra tuition fee of Rs. 4,000/- and Rs. 6,000/- will be charged for regular and self-support programs respectively.
3. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.
4. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

Faculty of Medical and Health Sciences

I. MBBS Program

Details	1st Year	2nd Year	3rd Year	4th Year	5th Year	Details (contd...)	1st Year	2nd Year	3rd Year	4th Year	5th Year
Regular Seats						Fee for Hospital Practices	-	-	1000	1000	1000
Admission Fee	5000	-	-	-	-	Clinical Record Fee	-	-	100	100	100
College Card Fee	150	-	-	-	-	Rent for Microscope	600	600	600	600	600
College Bus Card Fee	500	500	500	500	500	Subscription to Sports Fund	200	200	200	200	200
Tuition Fee	34650	34650	34650	34650	34650	Subscription to Sports Club	200	200	200	200	200
Fee for Practical Subject I	1000	1000	-	-	-	Breakage Charges	600	600	600	600	600
Fee for Practical Subject II	1000	-	-	-	-	Maintenance Charges	5000	5000	5000	5000	5000
Fee for Practical Subject III	1000	-	-	-	-	University Registration Fee (If Applicable)	4000	-	-	-	-
Fee for Practical Subject IV	1000	-	-	-	-	Internal Evaluation Fee	6000	6000	6000	6000	6000
Fee for Practical Subject V	1000	-	-	-	-	Establishment Charges	10000	10000	10000	10000	10000
Fee for Practical Subject VI	1000	-	-	-	-	Transport Charges	5000	5000	5000	5000	5000
Fee for Practical Subject VII	-	1000	-	-	-	Utility Charges	5000	5000	5000	5000	5000
Fee for Practical Subject VIII	-	1000	-	-	-	Magazine Fund	100	100	100	100	100
Fee for Practical Subject IX	-	1000	-	-	-	College Security (refundable on leaving)	1000	-	-	-	-
Fee for Practical Subject X	-	1000	-	-	-	Library Security (refundable on leaving)	1000	-	-	-	-
Fee for Practical Subject XI	-	1000	-	-	-	Medical Fund	100	100	100	100	100
Fee for Practical Subject XII	-	-	1000	-	-	Benevolent Fund	50	50	50	50	50
Fee for Practical Subject XIII	-	-	1000	-	-	Mosque Fund (For Muslims Only)	120	120	120	120	120
Fee for Practical Subject XIV	-	-	1000	-	-	**Total**	**85,270**	**74,120**	**74,220**	**74,220**	**74,220**
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						

* Subject to revision at any time in subsequent years.

Note: 1. The college dues shall be deposited in two equal installments 1st at the time of enrollment and the 2nd from 1st to 10th April each year.

    2. These dues are subject to revision at any time in subsequent years

Faculty of Medical and Health Sciences

All Degree Programs except MBBS

Details	1st Year	2nd Year	3rd Year	4th Year	5th Year
Regular Seats					
Admission Fee	5000	-	-	-	-
College Card Fee	150	-	-	-	-
College Bus Card Fee	500	500	500	500	500
Tuition Fee	34650	34650	34650	34650	34650
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	5000	5000	5000	5000	5000
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*	**85,270**	**74,120**	**74,220**	**74,220**	**74,220**

* Subject to revision at any time in subsequent years.

Note: 1. The college dues shall be deposited in two equal intallments 1st at the time of enrollment and the 2nd from 1st to 10th April each year.

2. These dues are subject to revision at any time in subsequent years

3. Rs. 50,000/- shall be charged additional for all programs as Self Support Charges.

4. All migrant students shall deposit Rs. 20,000/- as Re-Enrollment / Replacement charges.

Faculty of Medical and Health Sciences

All Postgraduate Programs

Details	1st Year	2nd Year	3rd Year & onwards
Regular Seats			
Admission Fee	5000	-	-
College Card Fee	150	-	-
Tuition Fee	34650	34650	34650
Fee for Practical Subject I	5000	5000	-
Fee for Practical Subject II	5000	5000	-
Fee for Hospital Practices	1000	1000	-
Clinical Record Fee	100	100	-
Rent for Microscope	600	600	-
Subcription to Sports Fund	200	200	200
Subcription to Sports Club	200	200	200
Breakage Charges	600	600	-
Maintenance Charges	5000	5000	-
University Registration Fee (If applicable)	4000	-	-
Internal Evaluation Fee	6000	6000	-
Establishment Charges	10000	10000	10000
Transport Charges	5000	5000	5000
Utility Charges	5000	5000	5000
Magzine Fund	100	100	100
College Security (refundable on leaving)	1000	-	-
LIbrary Security (refundable on leaving)	1000	-	-
Medical Fund	100	100	100
Benevolent Fund	50	50	50
Mosque fund (for Muslims only)	120	120	120
Total*	**89870**	**78720**	**55420**

* Subject to revision at any time in subsequent years.
   Note: 1. The college dues shall be deposited in two equal intallments 1st at the time of enrollment and the 2nd from 1st to 10th April each year.
          2. These dues are subject to revision at any time in subsequent years

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
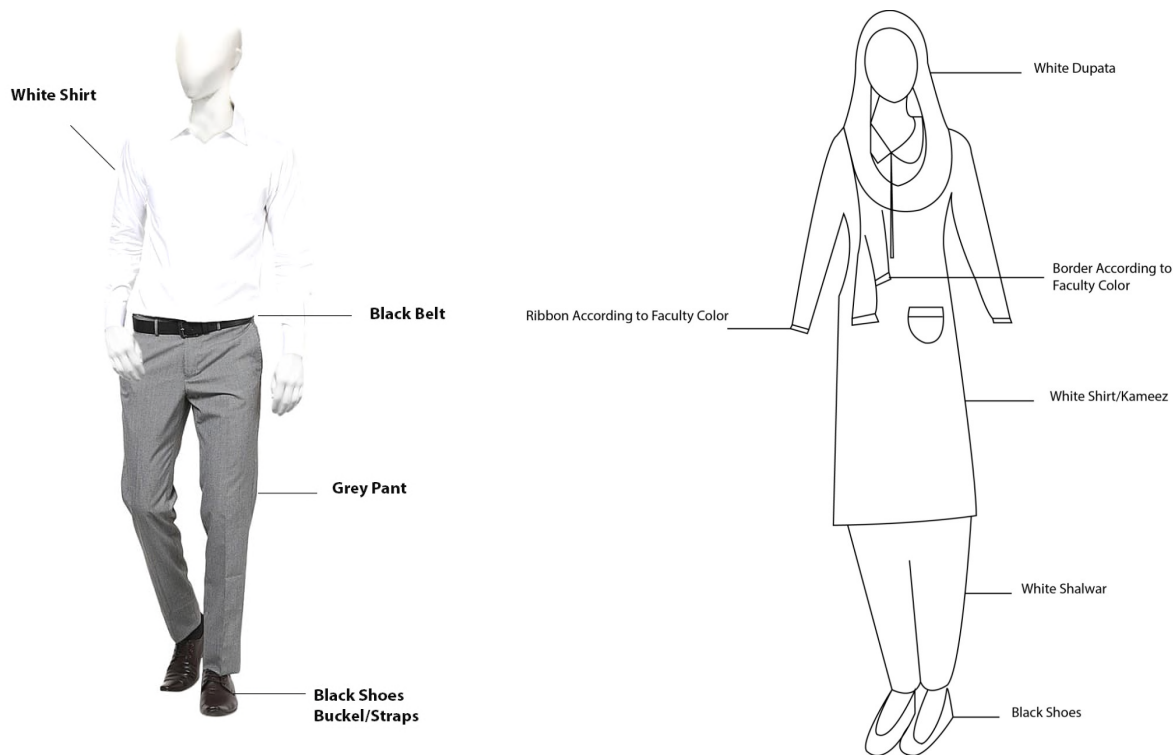
Semester Regulations (Undergraduate and Graduate)

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 of six to eighteen credit hours work load offered by the Department/College/Institute/School in each semester. However, in special circumstances, (s)he can add maximum two courses with prior approval of the Chairperson/ Principal/ Director. The permission must be obtained within seven days from 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 even after checking his/her answer book, or clarification from the teacher, (s)he may make written application to the Chairperson/Principal/Director of the Department/College/Institute/School 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 hours (if any) with the permission of the Chairperson/Principal/Director in summer semester.

11.4 A student may repeat fail courses and/or improve the grade/s of the already pass course(s) in summer semester or relevant semester or where the course/s is/are being offered within prescribed maximum time limit of the program. In this case, a student shall enroll the course(s) 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.

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

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.

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

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.

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

Facilitation Centre at the main entrance of the University has been established to facilitate admission aspirants, visitors, students as well as alumni to resolve their issues related to admissions, academics, examinations and accounts by one window operation.

Online Management System

A high-tech online management system has been installed at the Center to facilitate visitors without moving them from one surface to the other for resolution of their problems or for seeking guidance. Under this system, issues of prospective students related to online admission are resolved at once.

Front Desk

Front desk at the Facilitation Center is a help-desk to provide information regarding academic regulations, student records, programs, calendars, examinations, and official processes of various services available at the Center.

Advisory Service

At the Center, academic advisory service is also offered to aspirants to help them make informed decision regarding their admission and academic discipline.

Issuance and Verification of Documents

The professional staff at the Center helps visitors and students in getting their transcripts, degrees, NOCs, registration cards, and other academic document issued and verified.

Complaint Cell

The Facilitation Center works closely with other departments/sections across the campus and provides specialist and general advice, information and services in various areas. It forwards all other complaints except online admission to the concerned authorities to resolve within the prescribed time-limit.

Scholarships and Refund

The Center informs students about the scholarships and financial aid offered by either the University or HEC/HED/Government and guides them to win such opportunities.

Banking Service

A section of Habib Bank Limited is available at the Facilitation Center. Various payments to the University are accepted here in cash and other forms. The bank services are available on all working days of the University during office hours.

Student Help Line

Besides receiving complaints and queries via email and walk-in visits, the Center also receives complaints and queries via phone calls as it has a full-fledge call center.

High-tech Online Management System

Student Help Line

Complaint Cell to resolve students' queries

Banking services to deposit university payments

HOW TO APPLY ONLINE

6 Easy steps to submit an application successfully!

1 CREATE ACCOUNT

2 FILL YOUR PERSONAL INFORMATION

3 FILL YOUR ACADEMIC INFORMATION

4 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
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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 stamp paper of minimum Rs. 50/- at 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

Sub Campus Bhakkar
Phone: 0453 9200070
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